FCC RADIO TEST REPORT

FCC ID	:	**2ABOF-G1-RN5ASI002**
Equipment	:	**Residential Node (RN)**
Brand Name	:	**Tarana Wireless**
Model Name	:	**G1RN5ASI002**
Marketing Name	:	**G1-RN5ASI002**
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 Nov. 13, 2020 and testing was started from Nov. 23, 2020 and completed on Dec. 14, 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.

Neil Kao

Approved by: Neil Kao

Sporton International (USA) Inc.

1175 Montague Expressway, Milpitas, CA 95035

Table of Contents

History of this test report **3**
Summary of Test Result **4**
1 General Description **5**
1.1 Product Feature of Equipment Under Test 5
1.2 Modification of EUT 5
1.3 Testing Location 5
1.4 Applicable Standards 5
2 Test Configuration of Equipment Under Test **6**
2.1 Carrier Frequency and Channel 6
2.2 Test Mode 7
2.3 Connection Diagram of Test System 8
2.4 Support Unit used in test configuration and system 8
2.5 EUT Operation Test Setup 8
2.6 Measurement Results Explanation Example 8
3 Test Result **9**
3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement 9
3.2 Maximum Conducted Output Power Measurement 12
3.3 Power Spectral Density Measurement 13
3.4 Unwanted Emissions Measurement 15
3.5 AC Conducted Emission Measurement 20
3.6 Automatically Discontinue Transmission 22
3.7 Antenna Requirements 23
4 List of Measuring Equipment **24**
5 Uncertainty of Evaluation **25**
Appendix A. Conducted Test Results
Appendix B. AC Conducted Emission Test Result
Appendix C. Radiated Spurious Emission
Appendix D. Radiated Spurious Emission Plots
Appendix E. Duty Cycle Plots
Appendix F. Setup Photographs

History of this test report

Report No.	Version	Description	Issued Date
FR201029001B	01	Initial issue of report	Dec. 31, 2020
FR201029001B	02	1. Revise FCC ID 2. Add description of limit in section 3.2 and 3.3 3. Add section 3.7.3	Jan. 04, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403 (i)	6dB & 26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407 (a)	Maximum Conducted Output Power	Pass	-
3.3	15.407 (a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 0.09 dB at 11660.000 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 2.53 dB at 0.497 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 point to point consumer equipment

Product Specification subjective to this standard	
Antenna Type	Array Antenna

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

There is no modification during the 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.
3. 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	Channel 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)

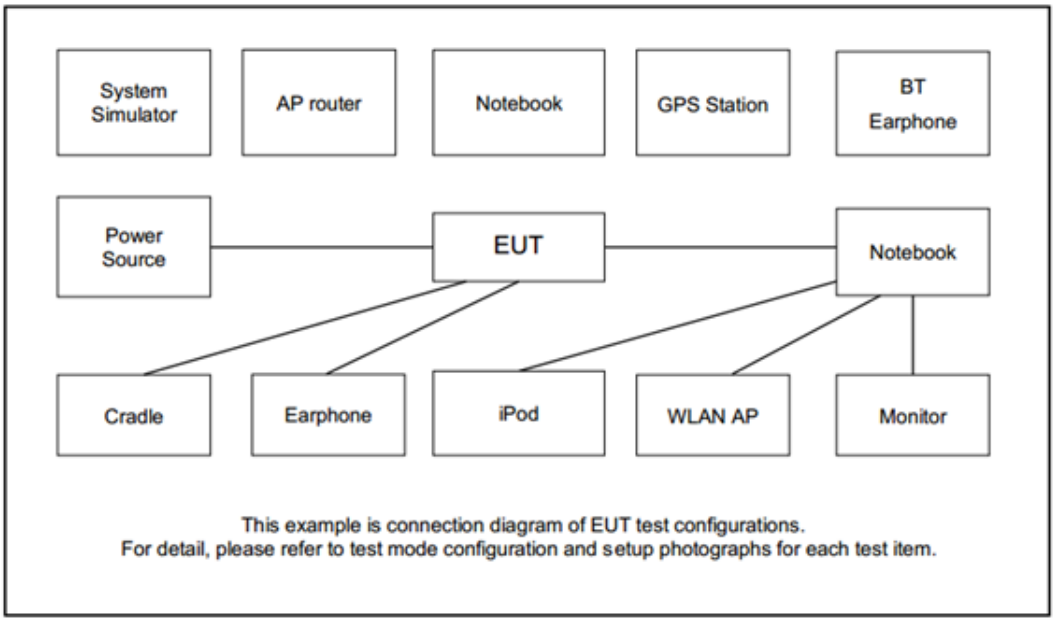
Frequency Band	Channel Bandwidth (MHz)	Low channel Frequency (MHz)	Middle channel Frequency (MHz)	High channel Frequency (MHz)
5725-5850 MHz (U-NII-3)	20 + 20	5745 + 5765	5765 + 5785	5805 + 5825
	20 + 40	N/A	5765 + 5795	N/A
	40 + 20	N/A	5755 + 5785	5795+ 5825
	40 + 40	N/A	5755 + 5795	N/A

Multi Carrier (Non-Contiguous)

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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) TX + RJ45 (Load) + POE 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	Brand Name	Model Name	FCC ID	Power Rating	Power Cord
1.	AC Adaptor	Siklu	CL0566-550-100	N/A	I/P : 100-240Vac O/P : 55Vdc, 1.1A	2.0m, 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.

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

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

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

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

26dB and 99% Occupied bandwidth are reporting only.

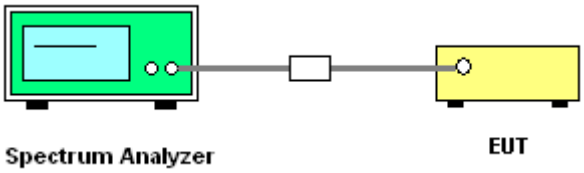
3.1.2 Measuring Instruments

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 ≥ 3 x 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 ≥ 3 x 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.

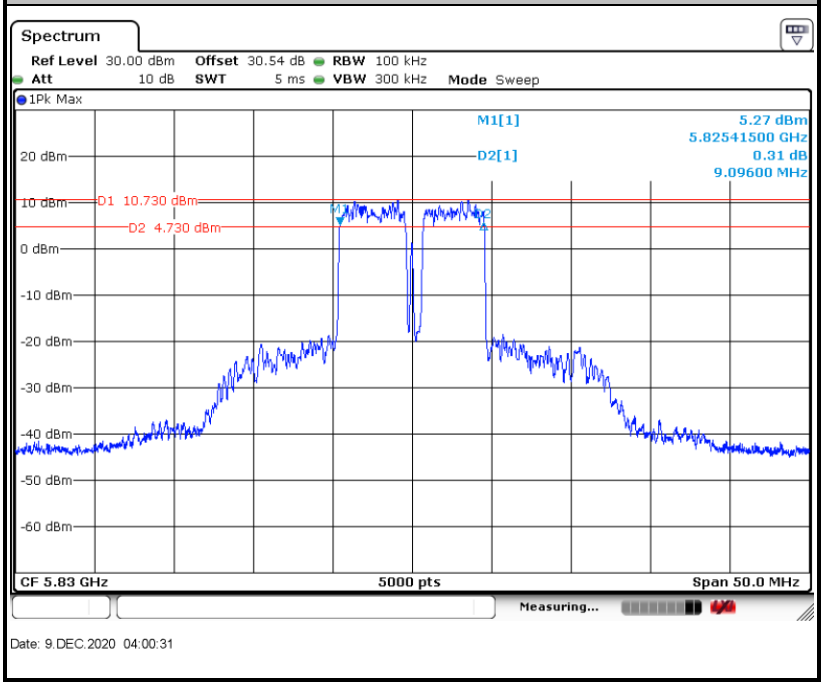
3.1.4 Test Setup



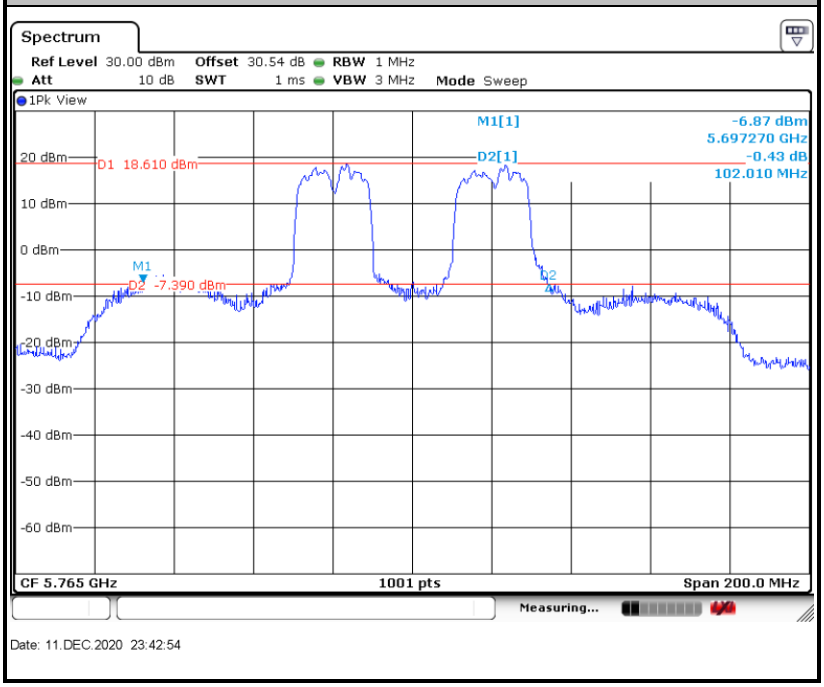
3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

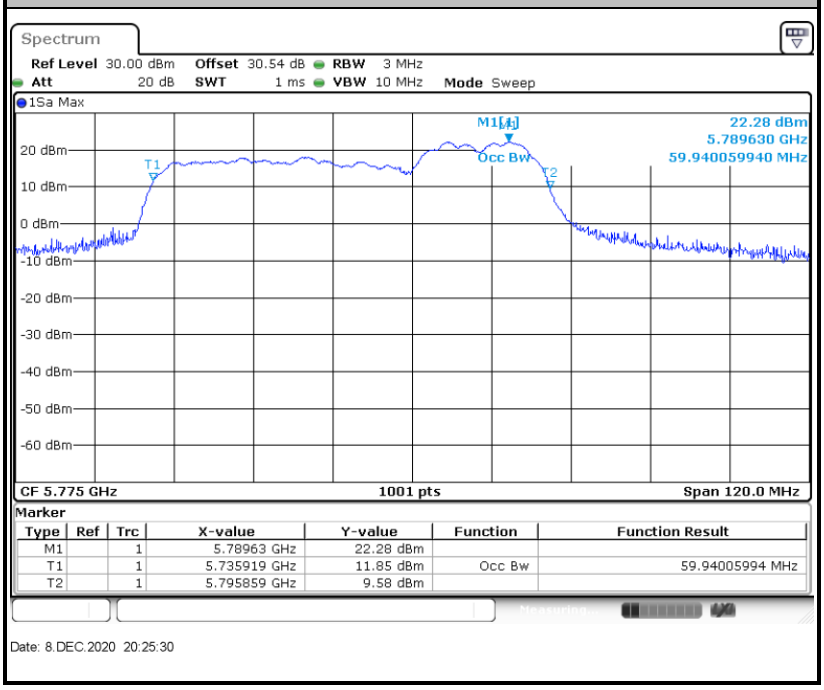
Minimum 6dB Bandwidth



Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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

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.
However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

3.2.2 Measuring Instruments

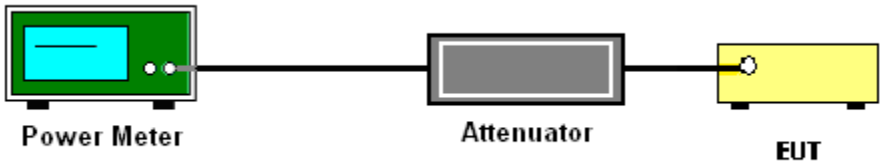
See list of measuring equipment of this test report.

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.

However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

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 ≥ 1 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(500kHz/RBW) to the test result.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

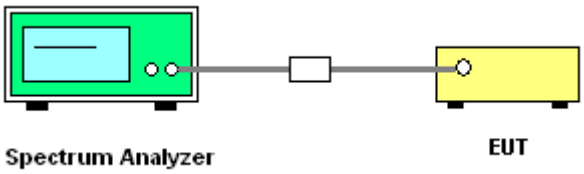
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

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

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

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

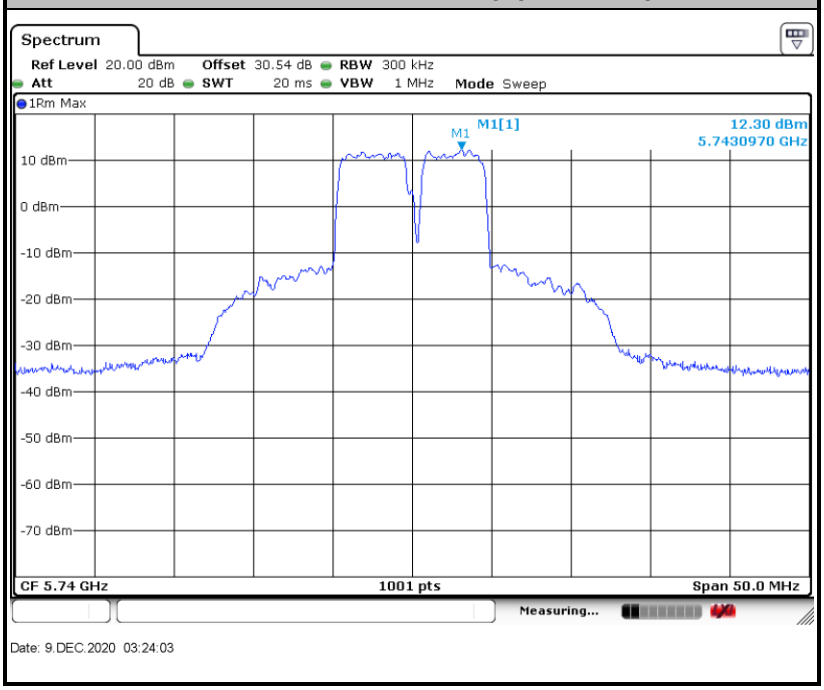
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 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.

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

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

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

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

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

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

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

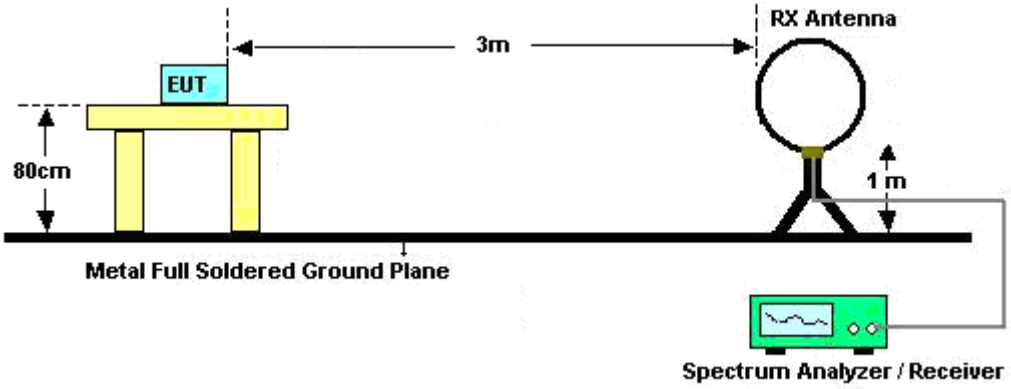
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be

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

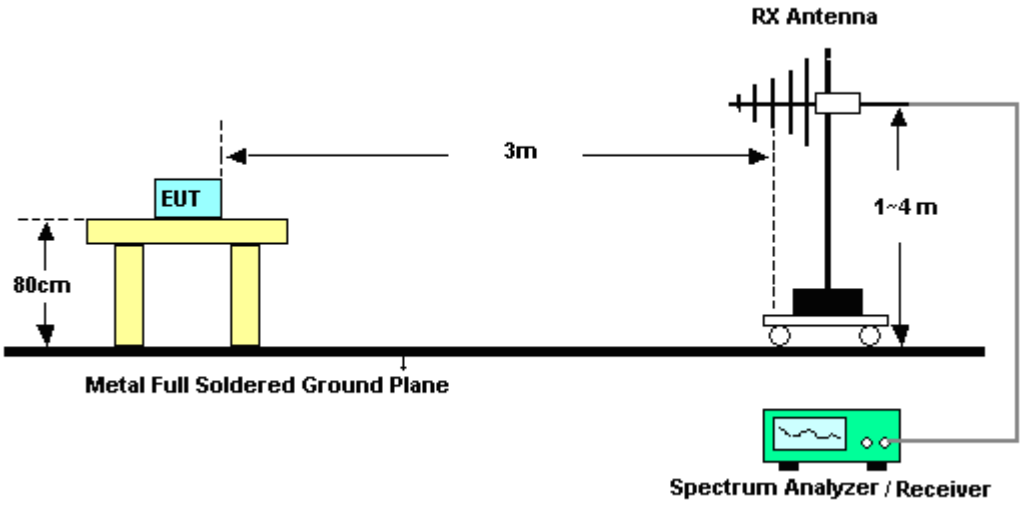
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again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

3.4.4 Test Setup

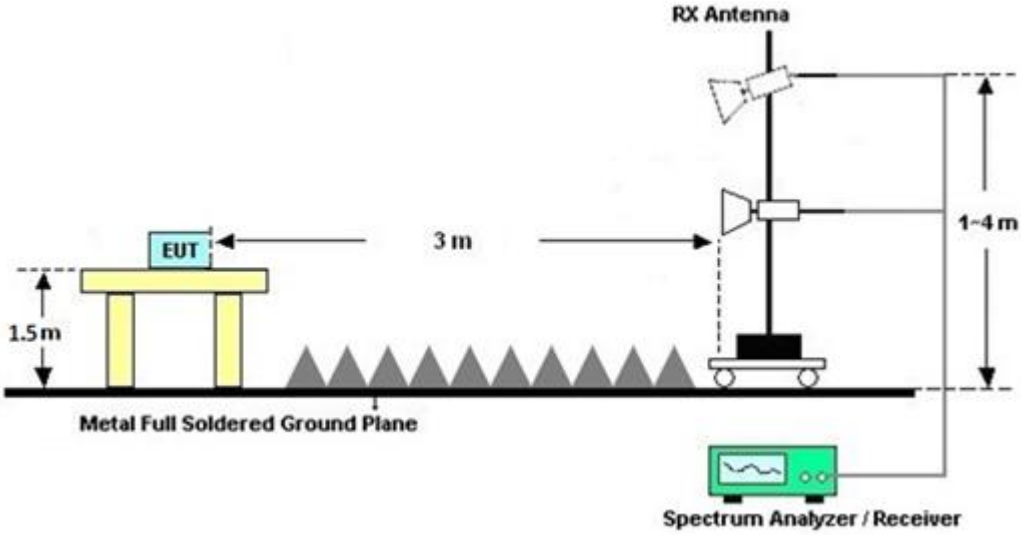
For radiated emissions below 30MHz



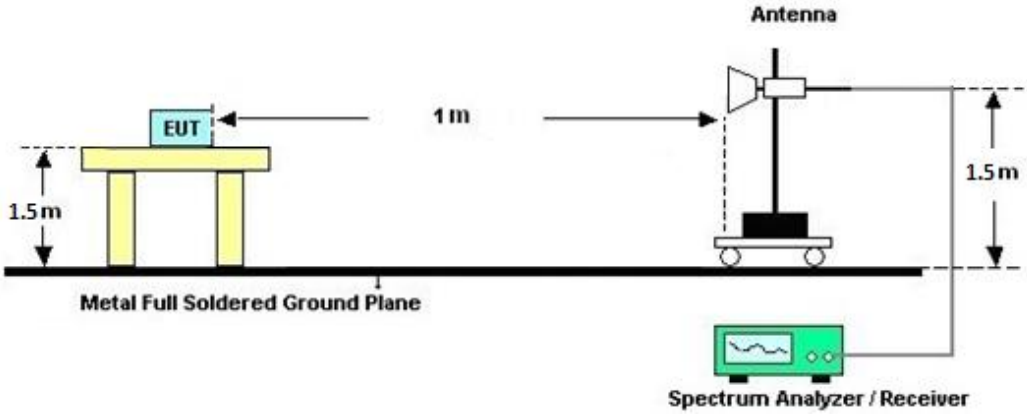
For radiated emissions from 30MHz to 1GHz



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 (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

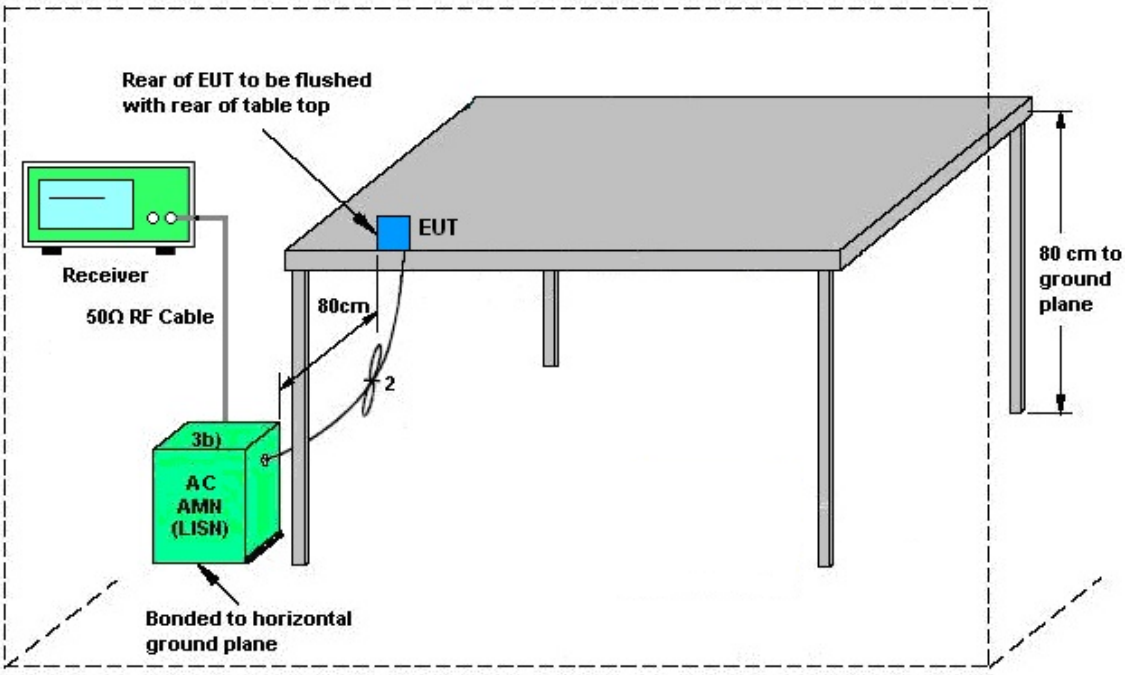
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

EUT is a fixed point-to-point U-NII devices operating in U-NII-3 band, which may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power.

3.7.2 Antenna Anti-Replacement Construction

Non-standard antenna connector is used.

3.7.3 Antenna Gain

Maximum single antenna peak gain for UNII-3 is 14.1dBi, the MIMO directional gain is 23.1dBi

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	Dec. 08, 2020~ Dec. 14, 2020	Aug. 04, 2021	Conducted (TH01-CA)
Power Sensor	DARE	RPR3006W	RPR6W-1901 026	10MHz-6GHz	Jun. 24, 2020	Dec. 08, 2020~ Dec. 14, 2020	Jun. 23, 2021	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV13	101559	10Hz-13.6GHz	Jun. 17, 2020	Dec. 08, 2020~ Dec. 14, 2020	Jun. 16, 2021	Conducted (TH01-CA)
LISN	TESEQ	NNB51	47407	N/A	Jul. 06, 2020	Nov. 23, 2020	Jul. 05, 2021	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9KHz~7GHz	Jul. 16, 2020	Nov. 23, 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	Nov. 23, 2020	Jul. 07, 2021	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	Nov. 23, 2020	N/A	Conduction (CO01-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	Jul. 29, 2020	Nov. 30, 2020~ Dec. 14, 2020	Jul. 28, 2021	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBE CK	BBHA 9120D	01895	1GHz~18GHz	Aug. 28, 2020	Nov. 30, 2020~ Dec. 14, 2020	Aug. 27, 2021	Radiation (03CH02-CA)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA9170	00842	18GHz~40GHz	Jul. 27, 2020	Nov. 30, 2020~ Dec. 14, 2020	Jul. 26, 2021	Radiation (03CH02-CA)
Preamplifier	SONOMA	310N	372240	N/A	Aug. 12, 2020	Nov. 30, 2020~ Dec. 14, 2020	Aug. 11, 2021	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	Jul. 28, 2020	Nov. 30, 2020~ Dec. 14, 2020	Jul. 27, 2021	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18 G-56-01-A70	EC1900251	N/A	Nov. 26, 2019	Nov. 30, 2020~ Dec. 14, 2020	Nov. 25, 2021	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18G-40G	Aug. 07, 2020	Nov. 30, 2020~ Dec. 14, 2020	Aug. 06, 2021	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY57420221	10Hz~44GHz	Sep. 11, 2020	Nov. 30, 2020~ Dec. 14, 2020	Sep. 10, 2021	Radiation (03CH02-CA)
EMI Test Receiver	Rohde & Schwarz	ESU26	100049	20Hz~26.5GHz	Aug. 11, 2020	Nov. 30, 2020~ Dec. 14, 2020	Aug. 10, 2021	Radiation (03CH02-CA)
Hygrometer	TESTO	608-H1	45142602	N/A	Aug. 05, 2020	Nov. 30, 2020~ Dec. 14, 2020	Aug. 04, 2021	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Nov. 30, 2020~ Dec. 14, 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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.5

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.1

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.5

Appendix A. Conducted Test Results

Test Engineer :	Andy Kao	**Temperature :**	16.7~19.7°C
		Relative Humidity :	32.2~47.8%

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	9.11	9.12	9.10	0.5	Pass
20MHz	18.19	18.19	18.19	0.5	Pass
40MHz	37.35	N/A	37.32	0.5	Pass

6dB BW	Low	Middle	High	Limit	Verdict
Multi Carrier (Contiguous)	MHz	MHz	MHz	MHz	
20 + 20MHz	38.17	38.19	38.18	0.5	Pass
20 + 40MHz	N/A	53.06	N/A	0.5	Pass
40 + 20MHz	N/A	54.89	57.73	0.5	Pass
40 + 40MHz	N/A	73.92	N/A	0.5	Pass

6dB BW	Frequency	Low	+	High	Total	Limit	Verdict
Multi Carrier (Non-Contiguous)	MHz	MHz		MHz	MHz	MHz	
20 + 20MHz	5745+5825	18.19	N/A	18.19	36.38	0.5	Pass
20 + 40MHz	5745+5795	18.19	N/A	34.19	52.38	0.5	Pass
40 + 20MHz	5755+5825	37.35	N/A	18.19	55.54	0.5	Pass
20 + 20MHz	5745+5805	18.20	N/A	18.15	36.35	0.5	Pass
20 + 20MHz	5745+5785	18.19	N/A	18.19	36.38	0.5	Pass
20 + 20MHz	5765+5825	18.16	N/A	18.19	36.35	0.5	Pass
20 + 20MHz	5785+5825	18.19	N/A	18.19	36.38	0.5	Pass
40 + 20MHz	5755+5805	37.36	N/A	18.15	55.51	0.5	Pass

26dB Bandwidth (Reporting Only)

26dB BW	Low	Middle	High
Single Carrier	MHz	MHz	MHz
10MHz	22.58	21.98	11.63
20MHz	25.77	24.98	21.58
40MHz	45.76	N/A	39.64

26dB BW	Low	Middle	High
Multi Carrier (Contiguous)	MHz	MHz	MHz
20 + 20MHz	76	61.74	70.33
20 + 40MHz	N/A	72.13	N/A
40 + 20MHz	N/A	68.37	67.26
40 + 40MHz	N/A	107.39	N/A

26dB BW	Frequency	Low	+	High	Total
Multi Carrier (Non-Contiguous)	MHz	MHz		MHz	MHz
20 + 20MHz	5745+5825	27.57	N/A	31.17	58.74
20 + 40MHz	5745+5795	N/A	80.56	N/A	80.56
40 + 20MHz	5755+5825	42.17	N/A	27.22	69.39
20 + 20MHz	5745+5805	27.42	N/A	33.96	61.38
20 + 20MHz	5745+5785	N/A	102.01	N/A	102.01
20 + 20MHz	5765+5825	29.77	N/A	29.33	59.10
20 + 20MHz	5785+5825	N/A	63.48	N/A	63.48
40 + 20MHz	5755+5805	N/A	84.42	N/A	84.42

99% Occupied Bandwidth (Reporting Only)

OBW	Low	Middle	High
Single Carrier	MHz	MHz	MHz
10MHz	9.29	9.19	9.19
20MHz	18.18	18.18	18.08
40MHz	37.46	N/A	37.36

OBW	Low	Middle	High
Multi Carrier (Contiguous)	MHz	MHz	MHz
20 + 20MHz	38.76	38.66	38.46
20 + 40MHz	N/A	59.34	N/A
40 + 20MHz	N/A	59.94	59.70
40 + 40MHz	N/A	77.92	N/A

OBW	Frequency	Low	+	High	Total
Multi Carrier (Non-Contiguous)	MHz	MHz		MHz	MHz
20 + 20MHz	5745+5825	18.18	N/A	18.28	36.46
20 + 40MHz	5745+5795	18.18	N/A	37.72	55.90
40 + 20MHz	5755+5825	37.56	N/A	18.18	55.74
20 + 20MHz	5745+5805	18.18	N/A	18.23	36.41
20 + 20MHz	5745+5785	18.23	N/A	18.33	36.56
20 + 20MHz	5765+5825	18.18	N/A	18.23	36.41
20 + 20MHz	5785+5825	18.13	N/A	18.28	36.41
40 + 20MHz	5755+5805	37.96	N/A	18.23	56.19

Conducted Output Power

	Single chain			All 8 chains (+ 9.03dB)				
Conducted Power	Low	Middle	High	Low	Middle	High	Limit	Verdict
Single Carrier	dBm	dBm	dBm	dBm	dBm	dBm	dBm	
10MHz	20.94	20.94	20.94	29.97	29.97	29.97	30	Pass
20MHz	20.94	20.94	20.94	29.97	29.97	29.97	30	Pass
40MHz	20.94	N/A	20.54	29.97	N/A	29.57	30	Pass

Conducted Power	Low	Middle	High	Low	Middle	High	Limit	Verdict
Multi Carrier (Contiguous)	dBm	dBm	dBm	dBm	dBm	dBm	dBm	
20 + 20MHz	20.94	20.94	20.94	29.97	29.97	29.97	30	Pass
20 + 40MHz	N/A	20.94	N/A	N/A	29.97	N/A	30	Pass
40 + 20MHz	N/A	20.94	20.94	N/A	29.97	29.97	30	Pass
40 + 40MHz	N/A	19.94	N/A	N/A	28.97	N/A	30	Pass

Conducted Power	Frequency	Low	+	High	Low	+	High	Limit	Verdict
Multi Carrier (Non-Contiguous)	MHz		dBm			dBm		dBm	
20 + 20MHz	5745+5825		14.44			23.47		30	Pass
20 + 40MHz	5745+5795		17.94			26.97		30	Pass
40 + 20MHz	5755+5825		17.04			26.07		30	Pass
20 + 20MHz	5745+5805		17.84			26.87		30	Pass
20 + 20MHz	5745+5785		18.94			27.97		30	Pass
20 + 20MHz	5765+5825		18.24			27.27		30	Pass
20 + 20MHz	5785+5825		19.94			28.97		30	Pass
40 + 20MHz	5755+5805		18.04			27.07		30	Pass

Power Spectral Density

		Single Chain			All 8 chains (+ 9.03dB)				
PSD	High	Low	Middle	High	Low	Middle	High	Limit	Verdict
Single Carrier	dBm/300kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	
10MHz	9.86	14.52	13.62	12.08	23.55	22.65	21.11	30.00	Pass
20MHz	6.62	11.22	10.37	8.84	20.25	19.40	17.87	30.00	Pass
40MHz	4.68	7.74	N/A	6.90	16.77	N/A	15.93	30.00	Pass

PSD	High	Low	Middle	High	Low	Middle	High	Limit	Verdict
Multi Carrier (Contiguous)	dBm/300kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	
20 + 20MHz	4.73	8.53	8.62	6.95	17.56	17.65	15.98	30.00	Pass
20 + 40MHz	N/A	N/A	7.44	N/A	N/A	16.47	N/A	30.00	Pass
40 + 20MHz	4.78	N/A	8.05	7.00	N/A	17.08	16.03	30.00	Pass
40 + 40MHz	N/A	N/A	7.68	N/A	N/A	16.71	N/A	30.00	Pass

PSD	High	Frequency	Low	Middle	High	Low	Middle	High	Limit	Verdict
Multi Carrier (Non-Contiguous)	dBm/300kHz	MHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	dBm/ 500kHz	
20 + 20MHz	4.08	5745+5825	8.11	N/A	6.30	17.14	N/A	15.33	30.00	Pass
20 + 40MHz	5.7	5745+5795	8.43	N/A	7.92	17.46	N/A	16.95	30.00	Pass
40 + 20MHz	4.33	5755+5825	4.27	N/A	6.55	13.30	N/A	15.58	30.00	Pass
20 + 20MHz	5.65	5745+5805	8.23	N/A	7.87	17.26	N/A	16.90	30.00	Pass
20 + 20MHz	6.08	5745+5785	8.34	N/A	8.30	17.37	N/A	17.33	30.00	Pass
20 + 20MHz	4.34	5765+5825	7.53	N/A	6.56	16.56	N/A	15.59	30.00	Pass
20 + 20MHz	4.36	5785+5825	7.73	N/A	6.58	16.76	N/A	15.61	30.00	Pass
40 + 20MHz	5.71	5755+5805	4.39	N/A	7.93	13.42	N/A	16.96	30.00	Pass

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

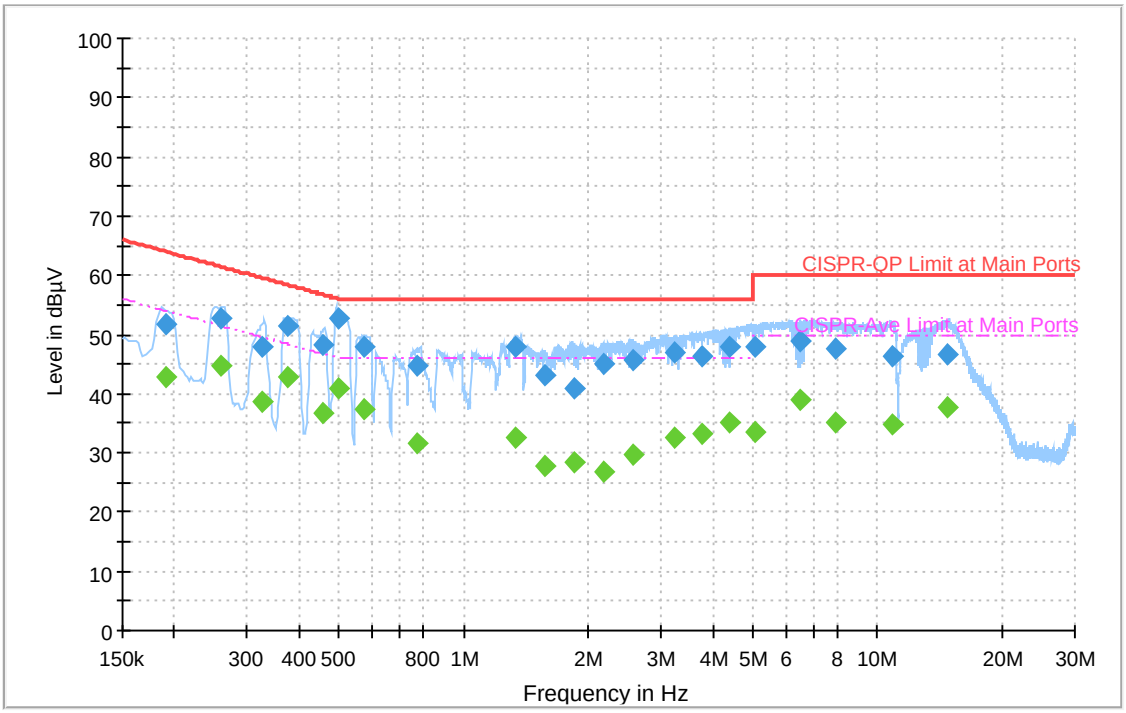
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Ram Prashanth Vallam	**Temperature :**	24.1 ~ 25.6℃
		Relative Humidity :	36.5 ~ 48.5%

EUT Information

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

Full Spectrum



Final_Result

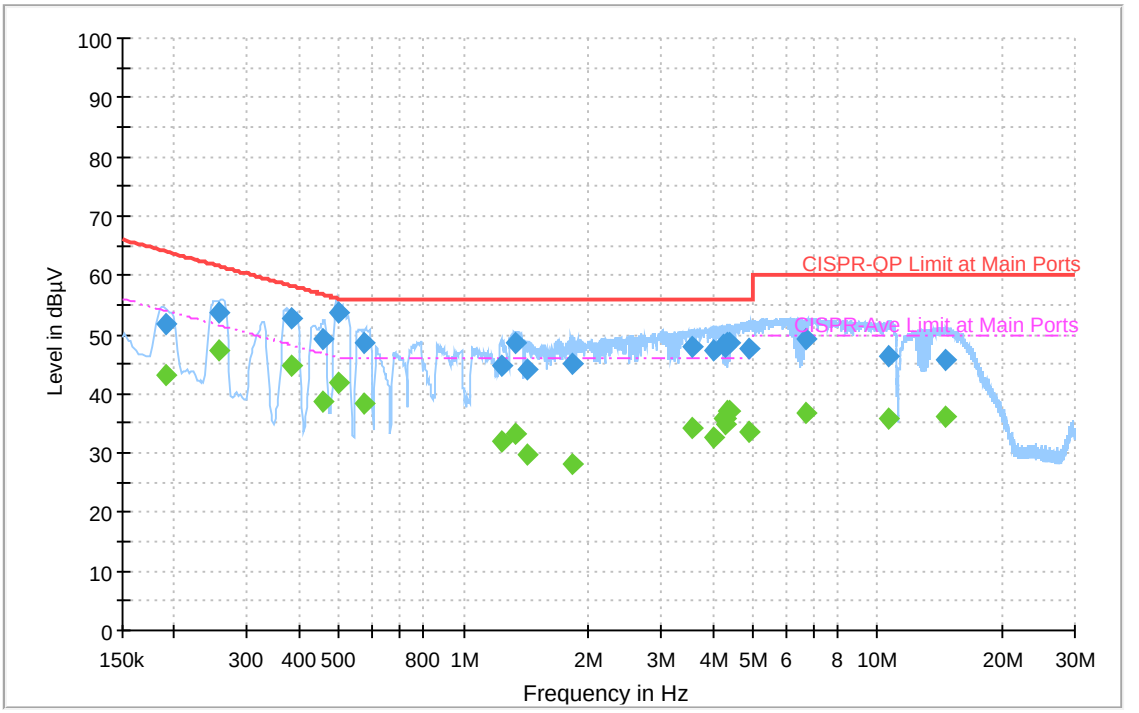
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.190950	---	42.74	54.00	11.26	L1	OFF	20.0
0.190950	51.72	---	64.00	12.28	L1	OFF	20.0
0.260250	---	44.59	51.42	6.83	L1	OFF	20.0
0.260250	52.60	---	61.42	8.82	L1	OFF	20.0
0.325500	---	38.61	49.57	10.96	L1	OFF	20.0
0.325500	47.99	---	59.57	11.58	L1	OFF	20.0
0.377250	---	42.96	48.34	5.38	L1	OFF	20.0
0.377250	51.34	---	58.34	7.00	L1	OFF	20.0
0.458250	---	36.66	46.72	10.06	L1	OFF	20.0
0.458250	48.33	---	56.72	8.39	L1	OFF	20.0
0.496500	---	40.91	46.06	5.15	L1	OFF	20.0
0.496500	52.73	---	56.06	3.33	L1	OFF	20.0
0.575250	---	37.51	46.00	8.49	L1	OFF	20.0
0.575250	47.87	---	56.00	8.13	L1	OFF	20.0
0.768750	---	31.74	46.00	14.26	L1	OFF	20.0
0.768750	44.58	---	56.00	11.42	L1	OFF	20.0
1.338630	---	32.47	46.00	13.53	L1	OFF	20.0
1.338630	47.80	---	56.00	8.20	L1	OFF	20.0
1.569750	---	27.73	46.00	18.27	L1	OFF	20.0
1.569750	43.17	---	56.00	12.83	L1	OFF	20.0

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
1.842000	---	28.48	46.00	17.52	L1	OFF	20.0
1.842000	40.98	---	56.00	15.02	L1	OFF	20.0
2.187690	---	26.77	46.00	19.23	L1	OFF	20.0
2.187690	44.93	---	56.00	11.07	L1	OFF	20.0
2.561550	---	29.57	46.00	16.43	L1	OFF	20.0
2.561550	45.78	---	56.00	10.22	L1	OFF	20.0
3.217380	---	32.73	46.00	13.27	L1	OFF	20.0
3.217380	46.86	---	56.00	9.14	L1	OFF	20.0
3.757470	---	33.37	46.00	12.63	L1	OFF	20.0
3.757470	46.44	---	56.00	9.56	L1	OFF	20.0
4.375050	---	35.19	46.00	10.81	L1	OFF	20.1
4.375050	47.93	---	56.00	8.07	L1	OFF	20.1
5.063010	---	33.44	50.00	16.56	L1	OFF	20.1
5.063010	47.94	---	60.00	12.06	L1	OFF	20.1
6.466200	---	38.85	50.00	11.15	L1	OFF	20.1
6.466200	48.96	---	60.00	11.04	L1	OFF	20.1
7.872000	---	35.27	50.00	14.73	L1	OFF	20.1
7.872000	47.71	---	60.00	12.29	L1	OFF	20.1
10.855500	---	34.94	50.00	15.06	L1	OFF	20.2
10.855500	46.47	---	60.00	13.53	L1	OFF	20.2
14.686530	---	37.67	50.00	12.33	L1	OFF	20.3
14.686530	46.73	---	60.00	13.27	L1	OFF	20.3

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)
0.190770	---	43.20	54.00	10.80	N	OFF	20.0
0.190770	51.87	---	64.00	12.13	N	OFF	20.0
0.255120	---	47.35	51.59	4.24	N	OFF	20.0
0.255120	53.79	---	61.59	7.80	N	OFF	20.0
0.381840	---	44.68	48.24	3.56	N	OFF	20.0
0.381840	52.56	---	58.24	5.68	N	OFF	20.0
0.456000	---	38.56	46.77	8.21	N	OFF	20.0
0.456000	49.06	---	56.77	7.71	N	OFF	20.0
0.496500	---	41.81	46.06	4.25	N	OFF	20.0
0.496500	53.53	---	56.06	2.53	N	OFF	20.0
0.575250	---	38.36	46.00	7.64	N	OFF	20.0
0.575250	48.68	---	56.00	7.32	N	OFF	20.0
1.234230	---	31.81	46.00	14.19	N	OFF	20.0
1.234230	44.58	---	56.00	11.42	N	OFF	20.0
1.337910	---	33.26	46.00	12.74	N	OFF	20.0
1.337910	48.47	---	56.00	7.53	N	OFF	20.0
1.426650	---	29.79	46.00	16.21	N	OFF	20.0
1.426650	44.09	---	56.00	11.91	N	OFF	20.0
1.829670	---	28.18	46.00	17.82	N	OFF	20.0
1.829670	45.06	---	56.00	10.94	N	OFF	20.0
3.568200	---	34.23	46.00	11.77	N	OFF	20.0

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
3.568200	48.05	---	56.00	7.95	N	OFF	20.0
4.037370	---	32.69	46.00	13.31	N	OFF	20.0
4.037370	47.36	---	56.00	8.64	N	OFF	20.0
4.246260	---	35.64	46.00	10.36	N	OFF	20.0
4.246260	48.13	---	56.00	7.87	N	OFF	20.0
4.288560	---	34.84	46.00	11.16	N	OFF	20.0
4.288560	48.06	---	56.00	7.94	N	OFF	20.0
4.309800	---	35.79	46.00	10.21	N	OFF	20.0
4.309800	48.23	---	56.00	7.77	N	OFF	20.0
4.330770	---	37.04	46.00	8.96	N	OFF	20.0
4.330770	48.48	---	56.00	7.52	N	OFF	20.0
4.394220	---	36.92	46.00	9.08	N	OFF	20.1
4.394220	48.57	---	56.00	7.43	N	OFF	20.1
4.892550	---	33.52	46.00	12.48	N	OFF	20.1
4.892550	47.49	---	56.00	8.51	N	OFF	20.1
6.722160	---	36.77	50.00	13.23	N	OFF	20.1
6.722160	49.19	---	60.00	10.81	N	OFF	20.1
10.630500	---	35.86	50.00	14.14	N	OFF	20.2
10.630500	46.35	---	60.00	13.65	N	OFF	20.2
14.663580	---	36.02	50.00	13.98	N	OFF	20.3
14.663580	45.84	---	60.00	14.16	N	OFF	20.3

Appendix C. Radiated Spurious Emission

Test Engineer :	Calvin Wu	Temperature :	20~25°C
		Relative Humidity :	45~52%

<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		5649.2	66.08	-2.12	68.2	52.82	31.87	11.59	30.2	168	360	P	H
		5685.8	69.32	-25.4	94.72	55.98	31.91	11.63	30.2	168	360	P	H
		5717.2	74.33	-35.69	110.02	60.88	32	11.66	30.21	168	360	P	H
		5724.8	75.85	-45.89	121.74	62.35	32.04	11.67	30.21	168	360	P	H
	*	5740	129.09	-	-	115.51	32.11	11.69	30.22	168	360	P	H
	*	5740	120.73	-	-	107.15	32.11	11.69	30.22	168	360	A	H
													H
													H
		5601.6	52.36	-15.84	68.2	39.21	31.79	11.53	30.17	210	10	P	V
		5686	54	-40.87	94.87	40.64	31.93	11.63	30.2	210	10	P	V
		5716.6	62.63	-47.22	109.85	49.15	32.03	11.66	30.21	210	10	P	V
		5724.4	63.4	-57.43	120.83	49.89	32.05	11.67	30.21	210	10	P	V
	*	5740	113.18	-	-	99.61	32.1	11.69	30.22	210	10	P	V
	*	5740	104.74	-	-	91.17	32.1	11.69	30.22	210	10	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		5643.4	63.76	-4.44	68.2	50.51	31.87	11.58	30.2	174	358	P	H
		5675.6	64.05	-23.13	87.18	50.73	31.9	11.62	30.2	174	358	P	H
		5718.8	63.98	-46.48	110.46	50.51	32.01	11.67	30.21	174	358	P	H
		5723.4	64.39	-54.16	118.55	50.9	32.03	11.67	30.21	174	358	P	H
	*	5775	128.39	-	-	114.64	32.24	11.73	30.22	174	358	P	H
	*	5775	119.9	-	-	106.15	32.24	11.73	30.22	174	358	A	H
		5851.8	60.71	-57.39	118.1	46.83	32.32	11.82	30.26	174	358	P	H
		5857.8	60.79	-49.22	110.01	46.89	32.33	11.83	30.26	174	358	P	H
		5884.6	59.99	-38.08	98.07	46.05	32.36	11.86	30.28	174	358	P	H
		5947.4	57.24	-10.96	68.2	43.14	32.48	11.93	30.31	174	358	P	H
													H
													H
		5624	52.15	-16.05	68.2	38.97	31.8	11.56	30.18	203	10	P	V
		5689	55.1	-41.99	97.09	41.73	31.94	11.63	30.2	203	10	P	V
		5719.2	53.92	-56.66	110.58	40.43	32.03	11.67	30.21	203	10	P	V
		5723	53.09	-64.55	117.64	39.58	32.05	11.67	30.21	203	10	P	V
	*	5775	112.17	-	-	98.49	32.17	11.73	30.22	203	10	P	V
	*	5775	103.97	-	-	90.29	32.17	11.73	30.22	203	10	A	V
		5853.2	52.12	-62.78	114.9	38.25	32.31	11.82	30.26	203	10	P	V
		5862.6	53.02	-55.65	108.67	39.1	32.36	11.83	30.27	203	10	P	V
		5901.2	54.61	-31.16	85.77	40.48	32.54	11.88	30.29	203	10	P	V
		5932.2	52.93	-15.27	68.2	38.81	32.51	11.91	30.3	203	10	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	128.05	-	-	114.19	32.32	11.79	30.25	173	4	P	H
	*	5830	119.67	-	-	105.81	32.32	11.79	30.25	173	4	A	H
		5850.2	66.48	-55.26	121.74	52.6	32.32	11.82	30.26	173	4	P	H
		5863.4	66.18	-42.27	108.45	52.29	32.33	11.83	30.27	173	4	P	H
		5875.8	63.89	-40.72	104.61	49.97	32.35	11.85	30.28	173	4	P	H
		5938.2	61.42	-6.78	68.2	47.35	32.46	11.92	30.31	173	4	P	H
													H
													H
	*	5830	112.57	-	-	98.77	32.26	11.79	30.25	209	9	P	V
	*	5830	104.44	-	-	90.64	32.26	11.79	30.25	209	9	A	V
		5854.8	58.27	-52.99	111.26	44.39	32.32	11.82	30.26	209	9	P	V
		5855.8	57.63	-52.95	110.58	43.75	32.32	11.82	30.26	209	9	P	V
		5878.2	54.52	-48.3	102.82	40.52	32.43	11.85	30.28	209	9	P	V
		5940	54.1	-14.1	68.2	39.99	32.5	11.92	30.31	209	9	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	57.87	-16.13	74	66.72	40.3	17.55	66.7	190	51	P	H
		11480	51.22	-2.78	54	60.07	40.3	17.55	66.7	190	51	P	H
		17220	52.35	-15.85	68.2	57.46	40.47	21.77	67.35	100	0	A	H
													H
		11480	55.67	-18.33	74	64.49	40.33	17.55	66.7	100	0	P	V
		11480	48.51	-5.49	54	57.33	40.33	17.55	66.7	100	0	A	V
		17220	52.29	-15.91	68.2	57.37	40.5	21.77	67.35	100	0	P	V
													V
VHT10 CH 155 5775MHz		11550	58.5	-15.5	74	67.26	40.33	17.61	66.7	199	347	P	H
		11550	51.82	-2.18	54	60.58	40.33	17.61	66.7	199	347	A	H
		17325	52.91	-15.29	68.2	57.42	41.16	21.85	67.52	100	0	P	H
													H
		11550	57.01	-16.99	74	65.74	40.36	17.61	66.7	194	350	P	V
		11550	49.47	-4.53	54	58.2	40.36	17.61	66.7	194	350	A	V
		17325	53.74	-14.46	68.2	58.27	41.14	21.85	67.52	100	0	P	V
													V
VHT10 CH 166 5830MHz		11660	63.49	-10.51	74	72.62	39.86	17.71	66.7	199	350	P	H
		11660	53.91	-0.09	54	63.04	39.86	17.71	66.7	199	350	A	H
		17490	54.38	-13.82	68.2	57.77	42.43	21.96	67.78	100	0	P	H
													H
		11660	56.86	-17.14	74	66.03	39.82	17.71	66.7	158	1	P	V
		11660	51.25	-2.75	54	60.42	39.82	17.71	66.7	158	1	A	V
		17490	54.9	-13.3	68.2	58.23	42.49	21.96	67.78	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 4 5725~5850MHz

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		5640.6	64.98	-3.22	68.2	51.72	31.87	11.58	30.19	175	5	P	H
		5696.4	68.28	-34.27	102.55	54.92	31.92	11.64	30.2	175	5	P	H
		5720	81.37	-29.43	110.8	67.89	32.02	11.67	30.21	175	5	P	H
		5724	91.69	-28.23	119.92	78.2	32.03	11.67	30.21	175	5	P	H
	*	5745	126.58	-	-	112.97	32.13	11.7	30.22	175	5	P	H
	*	5745	117.27	-	-	103.66	32.13	11.7	30.22	175	5	A	H
													H
													H
		5612.6	52.06	-16.14	68.2	38.91	31.79	11.54	30.18	212	10	P	V
		5700	58.97	-46.23	105.2	45.55	31.97	11.65	30.2	212	10	P	V
		5720	73.74	-37.06	110.8	60.24	32.04	11.67	30.21	212	10	P	V
		5724	84.01	-35.91	119.92	70.5	32.05	11.67	30.21	212	10	P	V
	*	5745	112	-	-	98.4	32.12	11.7	30.22	212	10	P	V
	*	5745	103.3	-	-	89.7	32.12	11.7	30.22	212	10	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		5645.2	63.44	-4.76	68.2	50.19	31.87	11.58	30.2	174	357	P	H
		5689.6	65.08	-32.45	97.53	51.74	31.91	11.63	30.2	174	357	P	H
		5705.6	64.07	-42.7	106.77	50.67	31.95	11.65	30.2	174	357	P	H
		5723	65.77	-51.87	117.64	52.28	32.03	11.67	30.21	174	357	P	H
	*	5775	125.98	-	-	112.23	32.24	11.73	30.22	174	357	P	H
	*	5775	116.71	-	-	102.96	32.24	11.73	30.22	174	357	A	H
		5855	60	-50.8	110.8	46.12	32.32	11.82	30.26	174	357	P	H
		5867	60.69	-46.75	107.44	46.78	32.34	11.84	30.27	174	357	P	H
		5896	60.43	-29.19	89.62	46.48	32.37	11.87	30.29	174	357	P	H
		5930.4	57.56	-10.64	68.2	43.51	32.44	11.91	30.3	174	357	P	H
													H
													H
		5622.2	52.26	-15.94	68.2	39.08	31.8	11.56	30.18	210	9	P	V
		5682.6	53.91	-38.45	92.36	40.57	31.92	11.62	30.2	210	9	P	V
		5718.2	54.03	-56.27	110.3	40.54	32.03	11.67	30.21	210	9	P	V
		5725	57.2	-65	122.2	43.69	32.05	11.67	30.21	210	9	P	V
	*	5775	111.89	-	-	98.21	32.17	11.73	30.22	210	9	P	V
	*	5775	103.05	-	-	89.37	32.17	11.73	30.22	210	9	A	V
		5853	52.5	-62.86	115.36	38.63	32.31	11.82	30.26	210	9	P	V
		5866	55.05	-52.67	107.72	41.11	32.37	11.84	30.27	210	9	P	V
		5892.8	53.4	-38.59	91.99	39.32	32.5	11.87	30.29	210	9	P	V
		5941.6	53.36	-14.84	68.2	39.25	32.5	11.92	30.31	210	9	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	125.74	-	-	111.86	32.33	11.79	30.24	176	357	P	H
	*	5825	116.59	-	-	102.71	32.33	11.79	30.24	176	357	A	H
		5850	79.83	-42.37	122.2	65.95	32.32	11.82	30.26	176	357	P	H
		5855	69.12	-41.68	110.8	55.24	32.32	11.82	30.26	176	357	P	H
		5878	63.75	-39.22	102.97	49.83	32.35	11.85	30.28	176	357	P	H
		5944.2	58.85	-9.35	68.2	44.76	32.47	11.93	30.31	176	357	P	H
													H
													H
	*	5825	111.91	-	-	98.1	32.26	11.79	30.24	209	10	P	V
	*	5825	103.26	-	-	89.45	32.26	11.79	30.24	209	10	A	V
		5850	74.51	-47.69	122.2	60.65	32.3	11.82	30.26	209	10	P	V
		5855.6	64.76	-45.87	110.63	50.88	32.32	11.82	30.26	209	10	P	V
		5882	56.12	-43.88	100	42.1	32.45	11.85	30.28	209	10	P	V
		5932.2	53.57	-14.63	68.2	39.45	32.51	11.91	30.3	209	10	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	57.27	-16.73	74	66.09	40.32	17.56	66.7	191	50	P	H
		11490	51.39	-2.61	54	60.21	40.32	17.56	66.7	191	50	P	H
		17235	51.68	-16.52	68.2	56.76	40.52	21.78	67.38	100	0	A	H
													H
		11490	55.94	-18.06	74	64.74	40.34	17.56	66.7	197	350	P	V
		11490	48.06	-5.94	54	56.86	40.34	17.56	66.7	197	350	A	V
		17235	51.48	-16.72	68.2	56.52	40.56	21.78	67.38	100	0	P	V
													V
VHT20 CH 155 5775MHz		11550	58.03	-15.97	74	66.79	40.33	16.99	66.7	199	349	P	H
		11550	51.74	-2.26	54	60.5	40.33	16.99	66.7	199	349	A	H
		17325	52.14	-16.06	68.2	56.65	41.16	20.99	67.52	100	0	P	H
													H
		11550	56.15	-17.85	74	64.88	40.36	16.99	66.7	195	350	P	V
		11550	48.91	-5.09	54	57.64	40.36	16.99	66.7	195	350	A	V
		17325	52.29	-15.91	68.2	56.82	41.14	20.99	67.52	100	0	P	V
													V
VHT20 CH 165 5825MHz		11650	59.69	-14.31	74	68.75	39.93	17.71	66.7	211	349	P	H
		11650	53.21	-0.79	54	62.27	39.93	17.71	66.7	211	349	A	H
		17475	54.34	-13.86	68.2	57.76	42.38	21.96	67.76	100	0	P	H
													H
		11650	55.91	-18.09	74	65.04	39.86	17.71	66.7	168	346	P	V
		11650	49.58	-4.42	54	58.71	39.86	17.71	66.7	168	346	A	V
		17475	54.06	-14.14	68.2	57.47	42.39	21.96	67.76	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 4 5725~5850MHz

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		5643	64.58	-3.62	68.2	51.33	31.87	11.58	30.2	174	360	P	H
		5696.4	67.44	-35.11	102.55	54.08	31.92	11.64	30.2	174	360	P	H
		5716.6	85.54	-24.31	109.85	72.09	32	11.66	30.21	174	360	P	H
		5725	86.48	-35.72	122.2	72.98	32.04	11.67	30.21	174	360	P	H
	*	5755	121.89	-	-	108.23	32.17	11.71	30.22	174	360	P	H
	*	5755	113.22	-	-	99.56	32.17	11.71	30.22	174	360	A	H
		5850.4	60.7	-60.59	121.29	46.82	32.32	11.82	30.26	174	360	P	H
		5867.8	60.78	-46.43	107.21	46.87	32.34	11.84	30.27	174	360	P	H
		5886.6	58.57	-38.02	96.59	44.63	32.36	11.86	30.28	174	360	P	H
		5929	57.42	-10.78	68.2	43.37	32.44	11.91	30.3	174	360	P	H
													H
													H
		5602.8	52.58	-15.62	68.2	39.43	31.79	11.53	30.17	215	9	P	V
		5699.6	57.08	-47.83	104.91	43.67	31.97	11.64	30.2	215	9	P	V
		5719	70.13	-40.39	110.52	56.64	32.03	11.67	30.21	215	9	P	V
		5725	72.2	-50	122.2	58.69	32.05	11.67	30.21	215	9	P	V
	*	5755	106.02	-	-	92.39	32.14	11.71	30.22	215	9	P	V
	*	5755	96.82	-	-	83.19	32.14	11.71	30.22	215	9	A	V
		5853.4	53.55	-60.9	114.45	39.68	32.31	11.82	30.26	215	9	P	V
		5873.8	53.65	-51.89	105.54	39.67	32.41	11.84	30.27	215	9	P	V
		5913.8	53.48	-22.98	76.46	39.36	32.53	11.89	30.3	215	9	P	V
		5934.2	54.03	-14.17	68.2	39.91	32.51	11.91	30.3	215	9	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		5616	62.74	-5.46	68.2	49.5	31.87	11.55	30.18	174	358	P	H
		5688	62.79	-33.56	96.35	49.45	31.91	11.63	30.2	174	358	P	H
		5714.6	63.62	-45.67	109.29	50.18	31.99	11.66	30.21	174	358	P	H
		5724.4	63.81	-57.02	120.83	50.31	32.04	11.67	30.21	174	358	P	H
	*	5795	121.72	-	-	107.89	32.31	11.75	30.23	174	358	P	H
	*	5795	112.9	-	-	99.07	32.31	11.75	30.23	174	358	A	H
		5851	64.64	-55.28	119.92	50.76	32.32	11.82	30.26	174	358	P	H
		5857.4	63.89	-46.24	110.13	49.99	32.33	11.83	30.26	174	358	P	H
		5880.6	60.86	-40.18	101.04	46.94	32.35	11.85	30.28	174	358	P	H
		5927	58.12	-10.08	68.2	44.07	32.44	11.91	30.3	174	358	P	H
													H
													H
		5619	53.1	-15.1	68.2	39.93	31.8	11.55	30.18	212	10	P	V
		5696.4	52.93	-49.62	102.55	39.53	31.96	11.64	30.2	212	10	P	V
		5701.6	52.2	-53.45	105.65	38.77	31.98	11.65	30.2	212	10	P	V
		5721.4	52.69	-61.3	113.99	39.19	32.04	11.67	30.21	212	10	P	V
	*	5795	106.38	-	-	92.65	32.21	11.75	30.23	212	10	P	V
	*	5795	97.06	-	-	83.33	32.21	11.75	30.23	212	10	A	V
		5850	55.59	-66.61	122.2	41.73	32.3	11.82	30.26	212	10	P	V
		5857.2	54.38	-55.8	110.18	40.48	32.33	11.83	30.26	212	10	P	V
		5890.2	53.27	-40.65	93.92	39.2	32.49	11.86	30.28	212	10	P	V
		5948	54.35	-13.85	68.2	40.23	32.5	11.93	30.31	212	10	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	57.74	-16.26	74	66.53	40.33	17.58	66.7	193	50	P	H
		11510	51.99	-2.01	54	60.78	40.33	17.58	66.7	193	50	A	H
		17265	52.05	-16.15	68.2	56.97	40.7	21.8	67.42	100	0	P	H
													H
		11510	55.24	-18.76	74	64.01	40.35	17.58	66.7	196	349	P	V
		11510	48.44	-5.56	54	57.21	40.35	17.58	66.7	196	349	A	V
		17265	51.88	-16.32	68.2	56.77	40.73	21.8	67.42	100	0	P	V
													V
VHT40 CH 159 5795MHz		11590	57.79	-16.21	74	66.71	40.13	17.65	66.7	191	52	P	H
		11590	53.26	-0.74	54	62.18	40.13	17.65	66.7	191	52	A	H
		17385	52.85	-15.35	68.2	56.92	41.66	21.89	67.62	100	0	P	H
													H
		11590	55.93	-18.07	74	64.77	40.21	17.65	66.7	295	36	P	V
		11590	49.5	-4.5	54	58.34	40.21	17.65	66.7	295	36	A	V
		17385	53.29	-14.91	68.2	57.38	41.64	21.89	67.62	100	0	P	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)
		35028	47.84	-20.36	68.2	38.5	41.55	21.55	53.76	150	0	P	H
		37382	48.79	-19.41	68.2	37.42	43.25	22.65	54.53	150	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
VHT10													H
SHF		35688	48.21	-19.99	68.2	38.04	42.69	21.9	54.42	150	0	P	V
		38482	49.17	-19.03	68.2	37.13	43.94	23.06	54.96	150	0	P	V
													V
													V
													V
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													V
													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)
		105.66	27.19	-16.31	43.5	41.34	16.57	1.7	32.42	-	-	P	H
		186.17	27.48	-16.02	43.5	42.85	14.8	2.24	32.41	-	-	P	H
		243.4	33.75	-12.25	46	45.87	17.74	2.55	32.41	-	-	P	H
		284.14	32.57	-13.43	46	43.36	18.9	2.74	32.43	-	-	P	H
		470.38	29.97	-16.03	46	35.56	23.4	3.57	32.56	-	-	P	H
		716.8	38.01	-7.99	46	39.04	26.97	4.52	32.52	100	0	P	H
													H
													H
													H
													H
													H
VHT10													H
LF		34.85	27.93	-12.07	40	36.81	22.58	0.98	32.44	-	-	P	V
		105.66	32.18	-11.32	43.5	46.33	16.57	1.7	32.42	-	-	P	V
		218.18	29.94	-16.06	46	44.81	15.12	2.42	32.41	-	-	P	V
		476.2	28.91	-17.09	46	34.48	23.42	3.58	32.57	-	-	P	V
		537.31	33.03	-12.97	46	37.67	24.19	3.78	32.61	-	-	P	V
		716.8	38.78	-7.22	46	39.81	26.97	4.52	32.52	100	0	P	V
													V
													V
													V
													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		5649	66.62	-1.58	68.2	53.36	31.87	11.59	30.2	171	10	P	H
		5700	77.39	-27.81	105.2	64.01	31.93	11.65	30.2	171	10	P	H
		5719.8	90.43	-20.31	110.74	76.95	32.02	11.67	30.21	171	10	P	H
		5724.2	91.31	-29.07	120.38	77.81	32.04	11.67	30.21	171	10	P	H
	*	5755	123.54	-	-	109.88	32.17	11.71	30.22	171	10	P	H
	*	5755	114.76	-	-	101.1	32.17	11.71	30.22	171	10	A	H
		5853.4	64.88	-49.57	114.45	51	32.32	11.82	30.26	171	10	P	H
		5872.4	62.36	-43.57	105.93	48.45	32.34	11.84	30.27	171	10	P	H
		5880.4	60.19	-41	101.19	46.27	32.35	11.85	30.28	171	10	P	H
		5927.8	58.88	-9.32	68.2	44.83	32.44	11.91	30.3	171	10	P	H
													H
													H
		5618.8	53.24	-14.96	68.2	40.07	31.8	11.55	30.18	216	10	P	V
		5699.6	60.87	-44.04	104.91	47.46	31.97	11.64	30.2	216	10	P	V
		5718.4	73.65	-36.7	110.35	60.16	32.03	11.67	30.21	216	10	P	V
		5725	76.85	-45.35	122.2	63.34	32.05	11.67	30.21	216	10	P	V
	*	5755	107.56	-	-	93.93	32.14	11.71	30.22	216	10	P	V
	*	5755	98.4	-	-	84.77	32.14	11.71	30.22	216	10	A	V
		5850.6	54.85	-65.98	120.83	40.99	32.3	11.82	30.26	216	10	P	V
		5858.6	56.34	-53.45	109.79	42.44	32.34	11.83	30.27	216	10	P	V
		5892	54.45	-38.13	92.58	40.37	32.5	11.87	30.29	216	10	P	V
		5930.4	52.68	-15.52	68.2	38.56	32.51	11.91	30.3	216	10	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		5641.4	65.28	-2.92	68.2	52.02	31.87	11.58	30.19	174	8	P	H
		5678.6	69.45	-19.95	89.4	56.13	31.9	11.62	30.2	174	8	P	H
		5718.6	75.41	-35	110.41	61.94	32.01	11.67	30.21	174	8	P	H
		5723.2	79.67	-38.43	118.1	66.18	32.03	11.67	30.21	174	8	P	H
	*	5775	123.09	-	-	109.34	32.24	11.73	30.22	174	8	P	H
	*	5775	114.4	-	-	100.65	32.24	11.73	30.22	174	8	A	H
		5851.6	69.43	-49.12	118.55	55.55	32.32	11.82	30.26	174	8	P	H
		5858.2	68.3	-41.6	109.9	54.4	32.33	11.83	30.26	174	8	P	H
		5875.2	61.35	-43.7	105.05	47.43	32.35	11.85	30.28	174	8	P	H
		5925.8	57.83	-10.37	68.2	43.8	32.43	11.9	30.3	174	8	P	H
													H
													H
		5623	52.75	-15.45	68.2	39.57	31.8	11.56	30.18	212	10	P	V
		5696.2	59.55	-42.85	102.4	46.15	31.96	11.64	30.2	212	10	P	V
		5720	64.51	-46.29	110.8	51.01	32.04	11.67	30.21	212	10	P	V
		5723.2	69.93	-48.17	118.1	56.42	32.05	11.67	30.21	212	10	P	V
	*	5775	109.19	-	-	95.51	32.17	11.73	30.22	212	10	P	V
	*	5775	100.64	-	-	86.96	32.17	11.73	30.22	212	10	A	V
		5852.2	61.51	-55.67	117.18	47.64	32.31	11.82	30.26	212	10	P	V
		5859.6	62.54	-46.97	109.51	48.64	32.34	11.83	30.27	212	10	P	V
		5878.6	57.62	-44.91	102.53	43.62	32.43	11.85	30.28	212	10	P	V
		5928.2	54.24	-13.96	68.2	40.12	32.51	11.91	30.3	212	10	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		5631.2	64.95	-3.25	68.2	51.7	31.87	11.57	30.19	169	355	P	H
		5686.2	65.07	-29.95	95.02	51.73	31.91	11.63	30.2	169	355	P	H
		5719.4	64.78	-45.85	110.63	51.31	32.01	11.67	30.21	169	355	P	H
		5724.4	64.05	-56.78	120.83	50.55	32.04	11.67	30.21	169	355	P	H
	*	5815	123.34	-	-	109.47	32.33	11.78	30.24	169	355	P	H
	*	5815	114.76	-	-	100.89	32.33	11.78	30.24	169	355	A	H
		5853.4	88.61	-25.84	114.45	74.73	32.32	11.82	30.26	169	355	P	H
		5855.4	85.96	-24.73	110.69	72.07	32.33	11.82	30.26	169	355	P	H
		5875.2	71.42	-33.63	105.05	57.5	32.35	11.85	30.28	169	355	P	H
		5935.2	60.96	-7.24	68.2	46.89	32.45	11.92	30.3	169	355	P	H
													H
													H
		5625.6	52.91	-15.29	68.2	39.74	31.8	11.56	30.19	209	14	P	V
		5676.4	52.78	-35	87.78	39.46	31.9	11.62	30.2	209	14	P	V
		5719	55	-55.52	110.52	41.51	32.03	11.67	30.21	209	14	P	V
		5722.4	56.81	-59.46	116.27	43.31	32.04	11.67	30.21	209	14	P	V
	*	5815	109.26	-	-	95.48	32.24	11.78	30.24	209	14	P	V
	*	5815	100.88	-	-	87.1	32.24	11.78	30.24	209	14	A	V
		5851.8	79.5	-38.6	118.1	65.64	32.3	11.82	30.26	209	14	P	V
		5855.8	78.04	-32.54	110.58	64.16	32.32	11.82	30.26	209	14	P	V
		5880.2	65.32	-36.02	101.34	51.31	32.44	11.85	30.28	209	14	P	V
		5930.4	55.18	-13.02	68.2	41.06	32.51	11.91	30.3	209	14	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		5635.6	66.36	-1.84	68.2	53.11	31.87	11.57	30.19	178	2	P	H
		5694.4	74.09	-26.98	101.07	60.73	31.92	11.64	30.2	178	2	P	H
		5715.8	81.19	-28.44	109.63	67.74	32	11.66	30.21	178	2	P	H
		5724.6	81.21	-40.08	121.29	67.71	32.04	11.67	30.21	178	2	P	H
	*	5785	122.87	-	-	109.08	32.28	11.74	30.23	178	2	P	H
	*	5785	113.63	-	-	99.84	32.28	11.74	30.23	178	2	A	H
		5854.6	77.63	-34.08	111.71	63.75	32.32	11.82	30.26	178	2	P	H
		5856.8	77.13	-33.17	110.3	63.23	32.33	11.83	30.26	178	2	P	H
		5879	68.57	-33.66	102.23	54.65	32.35	11.85	30.28	178	2	P	H
		5937.8	61.26	-6.94	68.2	47.19	32.46	11.92	30.31	178	2	P	H
													H
													H
		5648.8	53.57	-14.63	68.2	40.37	31.81	11.59	30.2	214	10	P	V
		5699.6	59.53	-45.38	104.91	46.12	31.97	11.64	30.2	214	10	P	V
		5719.8	66.24	-44.5	110.74	52.74	32.04	11.67	30.21	214	10	P	V
		5725	69.02	-53.18	122.2	55.51	32.05	11.67	30.21	214	10	P	V
	*	5785	107.63	-	-	93.93	32.19	11.74	30.23	214	10	P	V
	*	5785	98.13	-	-	84.43	32.19	11.74	30.23	214	10	A	V
		5853	66.41	-48.95	115.36	52.54	32.31	11.82	30.26	214	10	P	V
		5855.4	64.83	-45.86	110.69	50.95	32.32	11.82	30.26	214	10	P	V
		5875.2	58.82	-46.23	105.05	44.83	32.42	11.85	30.28	214	10	P	V
		5938.6	54.08	-14.12	68.2	39.97	32.5	11.92	30.31	214	10	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		5633.6	67.39	-0.81	68.2	54.14	31.87	11.57	30.19	176	355	P	H
		5696.2	81.08	-21.32	102.4	67.72	31.92	11.64	30.2	176	355	P	H
		5718.6	85.17	-25.24	110.41	71.7	32.01	11.67	30.21	176	355	P	H
		5722	84.59	-30.77	115.36	71.1	32.03	11.67	30.21	176	355	P	H
	*	5765	122.92	-	-	109.21	32.21	11.72	30.22	176	355	P	H
	*	5765	114.36	-	-	100.65	32.21	11.72	30.22	176	355	A	H
		5851.8	71.78	-46.32	118.1	57.9	32.32	11.82	30.26	176	355	P	H
		5859	71.54	-38.14	109.68	57.65	32.33	11.83	30.27	176	355	P	H
		5879	69.28	-32.95	102.23	55.36	32.35	11.85	30.28	176	355	P	H
		5925	60.01	-8.19	68.2	45.98	32.43	11.9	30.3	176	355	P	H
													H
													H
		5604	53.07	-15.13	68.2	39.92	31.79	11.53	30.17	212	10	P	V
		5697	63.91	-39.08	102.99	50.51	31.96	11.64	30.2	212	10	P	V
		5720	67.13	-43.67	110.8	53.63	32.04	11.67	30.21	212	10	P	V
		5723.4	67.25	-51.3	118.55	53.74	32.05	11.67	30.21	212	10	P	V
	*	5765	107.08	-	-	93.42	32.16	11.72	30.22	212	10	P	V
	*	5765	98.31	-	-	84.65	32.16	11.72	30.22	212	10	A	V
		5852.2	60.22	-56.96	117.18	46.35	32.31	11.82	30.26	212	10	P	V
		5856.6	58.58	-51.77	110.35	44.68	32.33	11.83	30.26	212	10	P	V
		5879.2	58.67	-43.41	102.08	44.66	32.44	11.85	30.28	212	10	P	V
		5933.2	53.63	-14.57	68.2	39.51	32.51	11.91	30.3	212	10	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		5603.6	67.14	-1.06	68.2	53.91	31.87	11.53	30.17	174	3	P	H
		5694.8	71.25	-30.12	101.37	57.89	31.92	11.64	30.2	174	3	P	H
		5706.2	71.56	-35.38	106.94	58.16	31.95	11.65	30.2	174	3	P	H
		5724.8	74.88	-46.86	121.74	61.38	32.04	11.67	30.21	174	3	P	H
	*	5805	124.55	-	-	110.68	32.33	11.77	30.23	174	3	P	H
	*	5805	115.49	-	-	101.62	32.33	11.77	30.23	174	3	A	H
		5853.8	87.35	-26.19	113.54	73.47	32.32	11.82	30.26	174	3	P	H
		5861.2	88.89	-20.17	109.06	75	32.33	11.83	30.27	174	3	P	H
		5876.2	81.97	-22.34	104.31	68.05	32.35	11.85	30.28	174	3	P	H
		5927.8	67.78	-0.42	68.2	53.73	32.44	11.91	30.3	174	3	P	H
													H
													H
		5638	53.3	-14.9	68.2	40.11	31.81	11.57	30.19	210	7	P	V
		5699.2	54.73	-49.88	104.61	41.32	31.97	11.64	30.2	210	7	P	V
		5715.2	56.54	-52.92	109.46	43.07	32.02	11.66	30.21	210	7	P	V
		5724.2	56.61	-63.77	120.38	43.1	32.05	11.67	30.21	210	7	P	V
	*	5805	107.85	-	-	94.09	32.22	11.77	30.23	210	7	P	V
	*	5805	98.92	-	-	85.16	32.22	11.77	30.23	210	7	A	V
		5851.8	71.44	-46.66	118.1	57.58	32.3	11.82	30.26	210	7	P	V
		5861	71.05	-38.07	109.12	57.14	32.35	11.83	30.27	210	7	P	V
		5877	66.98	-36.73	103.71	52.98	32.43	11.85	30.28	210	7	P	V
		5926.8	55.2	-13	68.2	41.08	32.51	11.91	30.3	210	7	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		5646.6	67.68	-0.52	68.2	54.43	31.87	11.58	30.2	172	7	P	H
		5689.8	74.35	-23.33	97.68	61.01	31.91	11.63	30.2	172	7	P	H
		5714.8	76.26	-33.09	109.35	62.82	31.99	11.66	30.21	172	7	P	H
		5724.2	79.96	-40.42	120.38	66.46	32.04	11.67	30.21	172	7	P	H
	*	5775	117.63	-	-	103.88	32.24	11.73	30.22	172	7	P	H
	*	5775	108.24	-	-	94.49	32.24	11.73	30.22	172	7	A	H
		5851.6	71.63	-46.92	118.55	57.75	32.32	11.82	30.26	172	7	P	H
		5855.6	70.26	-40.37	110.63	56.37	32.33	11.82	30.26	172	7	P	H
		5885.2	66.81	-30.82	97.63	52.87	32.36	11.86	30.28	172	7	P	H
		5928	60.22	-7.98	68.2	46.17	32.44	11.91	30.3	172	7	P	H
													H
													H
		5646	53.53	-14.67	68.2	40.34	31.81	11.58	30.2	199	5	P	V
		5699	56.58	-47.88	104.46	43.17	31.97	11.64	30.2	199	5	P	V
		5714.2	60.46	-48.72	109.18	46.99	32.02	11.66	30.21	199	5	P	V
		5724.2	60.18	-60.2	120.38	46.67	32.05	11.67	30.21	199	5	P	V
	*	5775	100.35	-	-	86.67	32.17	11.73	30.22	199	5	P	V
	*	5775	95.33	-	-	81.65	32.17	11.73	30.22	199	5	A	V
		5852	56.28	-61.36	117.64	42.41	32.31	11.82	30.26	199	5	P	V
		5856.2	55.18	-55.28	110.46	41.29	32.33	11.82	30.26	199	5	P	V
		5887.6	53.61	-42.24	95.85	39.55	32.48	11.86	30.28	199	5	P	V
		5931.4	53.04	-15.16	68.2	38.92	32.51	11.91	30.3	199	5	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	57.08	-16.92	74	65.9	40.32	17.56	66.7	191	51	P	H
		11490	51.48	-2.52	54	60.3	40.32	17.56	66.7	191	51	A	H
		11530	55.1	-18.9	74	63.87	40.33	17.6	66.7	193	321	P	H
		11530	47.42	-6.58	54	56.19	40.33	17.6	66.7	193	321	A	H
		17235	51.7	-16.5	68.2	56.78	40.52	21.78	67.38	100	0	P	H
		17295	52.14	-16.06	68.2	56.83	40.96	21.82	67.47	100	0	P	H
		11490	55.81	-18.19	74	64.61	40.34	17.56	66.7	198	349	P	V
		11490	47.56	-6.44	54	56.36	40.34	17.56	66.7	198	349	A	V
		11530	54.86	-19.14	74	63.6	40.36	17.6	66.7	106	320	P	V
		11530	46.26	-7.74	54	55	40.36	17.6	66.7	106	320	A	V
		17235	51.11	-17.09	68.2	56.15	40.56	21.78	67.38	100	0	P	V
		17295	53.39	-14.81	68.2	58.07	40.97	21.82	67.47	100	0	P	V
VHT20 CH 153 5765MHz + VHT20 CH 157 5785MHz		11530	57.27	-16.73	74	66.04	40.33	17.6	66.7	200	346	P	H
		11530	51.59	-2.41	54	60.36	40.33	17.6	66.7	200	346	A	H
		11570	55.17	-18.83	74	64.01	40.23	17.63	66.7	109	3	P	H
		11570	47.26	-6.74	54	56.1	40.23	17.63	66.7	109	3	A	H
		17295	52.68	-15.52	68.2	57.37	40.96	21.82	67.47	100	0	P	H
		17355	52.98	-15.22	68.2	57.32	41.37	21.86	67.57	100	0	P	H
		11530	55.05	-18.95	74	63.79	40.36	17.6	66.7	298	35	P	V
		11530	47.54	-6.46	54	56.28	40.36	17.6	66.7	298	35	A	V
		11570	56.12	-17.88	74	64.9	40.29	17.63	66.7	198	6	P	V
		11570	47.9	-6.1	54	56.68	40.29	17.63	66.7	198	6	A	V
		17295	52.25	-15.95	68.2	56.93	40.97	21.82	67.47	100	0	P	V
		17355	53.53	-14.67	68.2	57.91	41.33	21.86	67.57	100	0	P	V

VHT20 CH 161 5805MHz + VHT20 CH 165 5825MHz		11610	58.25	-15.75	74	67.24	40.05	17.66	66.7	202	348	P	H
		11610	52.93	-1.07	54	61.92	40.05	17.66	66.7	202	348	A	H
		11650	56.97	-17.03	74	66.03	39.93	17.71	66.7	207	353	P	H
		11650	48.39	-5.61	54	57.45	39.93	17.71	66.7	207	353	A	H
		17415	53.69	-14.51	68.2	57.5	41.95	21.9	67.66	100	0	P	H
		17475	54.23	-13.97	68.2	57.65	42.38	21.96	67.76	100	0	P	H
		11610	55.82	-18.18	74	64.74	40.12	17.66	66.7	400	327	P	V
		11610	49.32	-4.68	54	58.24	40.12	17.66	66.7	400	327	A	V
		11650	55.41	-18.59	74	64.54	39.86	17.71	66.7	201	5	P	V
		11650	47.53	-6.47	54	56.66	39.86	17.71	66.7	201	5	A	V
		17415	53.39	-14.81	68.2	57.22	41.93	21.9	67.66	100	0	P	V
		17475	54.19	-14.01	68.2	57.6	42.39	21.96	67.76	100	0	P	V
VHT20 CH 153 5765MHz + VHT40 CH 159 5795MHz		11530	57.25	-16.75	74	66.02	40.33	17.6	66.7	199	347	P	H
		11530	51.37	-2.63	54	60.14	40.33	17.6	66.7	199	347	A	H
		11590	54.49	-19.51	74	63.41	40.13	17.65	66.7	250	3	P	H
		11590	46.93	-7.07	54	55.85	40.13	17.65	66.7	250	3	A	H
		17295	52.42	-15.78	68.2	57.11	40.96	21.82	67.47	100	0	P	H
		17385	53.8	-14.4	68.2	57.87	41.66	21.89	67.62	100	0	P	H
		11530	54.81	-19.19	74	63.55	40.36	17.6	66.7	400	40	P	V
		11530	46.36	-7.64	54	55.1	40.36	17.6	66.7	400	40	A	V
		11590	54.21	-19.79	74	63.05	40.21	17.65	66.7	205	17	P	V
		11590	41.97	-12.03	54	50.81	40.21	17.65	66.7	205	17	A	V
		17295	52.39	-15.81	68.2	57.07	40.97	21.82	67.47	100	0	P	V
		17385	53.72	-14.48	68.2	57.81	41.64	21.89	67.62	100	0	P	V

VHT40 CH 151 5755MHz + VHT20 CH 157 5785MH		11510	54.1	-19.9	74	62.89	40.33	17.58	66.7	101	357	P	H
		11510	49.76	-4.24	54	58.55	40.33	17.58	66.7	101	357	A	H
		11570	49.4	-24.6	74	58.24	40.23	17.63	66.7	100	0	P	H
		17265	53.38	-14.82	68.2	58.3	40.7	21.8	67.42	100	0	P	H
													H
													H
		11510	49.96	-24.04	74	58.73	40.35	17.58	66.7	100	0	P	V
		11570	53.7	-20.3	74	62.48	40.29	17.63	66.7	102	320	P	V
		11570	46.89	-7.11	54	55.67	40.29	17.63	66.7	102	320	A	V
		17265	52.51	-15.69	68.2	57.4	40.73	21.8	67.42	100	0	P	V
													V
													V
VHT40 CH 159 5795MHz + VHT20 CH 165 5825MHz		11590	55.85	-18.15	74	64.77	40.13	17.65	66.7	203	456	P	H
		11590	52.97	-1.03	54	61.89	40.13	17.65	66.7	203	456	A	H
		11650	54.95	-19.05	74	64.01	39.93	17.71	66.7	102	1	P	H
		11650	48.6	-5.4	54	57.66	39.93	17.71	66.7	102	1	A	H
		17385	53.97	-14.23	68.2	58.04	41.66	21.89	67.62	100	0	P	H
		17475	54.55	-13.65	68.2	57.97	42.38	21.96	67.76	100	0	P	H
		11590	55.75	-18.25	74	64.59	40.21	17.65	66.7	160	359	P	V
		11590	51.16	-2.84	54	60	40.21	17.65	66.7	160	359	A	V
		11650	49.93	-24.07	74	59.06	39.86	17.71	66.7	100	0	P	V
		17385	53.22	-14.98	68.2	57.31	41.64	21.89	67.62	100	0	P	V
		17475	54.52	-13.68	68.2	57.93	42.39	21.96	67.76	100	0	P	V
													V

VHT40 CH 151 5755MHz + VHT40 CH 159 5795MHz		11510	55.54	-18.46	74	64.33	40.33	17.58	66.7	104	359	P	H
		11510	49.23	-4.77	54	58.02	40.33	17.58	66.7	104	359	A	H
		11590	54.91	-19.09	74	63.83	40.13	17.65	66.7	100	2	P	H
		11590	48.1	-5.9	54	57.02	40.13	17.65	66.7	100	2	A	H
		17265	51.99	-16.21	68.2	56.91	40.7	21.8	67.42	100	0	P	H
		17385	53.49	-14.71	68.2	57.56	41.66	21.89	67.62	100	0	P	H
		11510	49.95	-24.05	74	58.72	40.35	17.58	66.7	100	0	P	V
		11590	49.52	-24.48	74	58.36	40.21	17.65	66.7	100	0	P	V
		17265	52.58	-15.62	68.2	57.47	40.73	21.8	67.42	100	0	P	V
		17385	53.83	-14.37	68.2	57.92	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)
SHF		35842	48.32	-19.88	68.2	38.32	42.6	21.98	54.58	150	0	P	H
		38394	49.91	-18.29	68.2	37.51	44.29	23.04	54.93	150	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
		35776	48.42	-19.78	68.2	38.31	42.68	21.94	54.51	150	0	P	V
		38416	49.62	-18.58	68.2	37.6	43.92	23.04	54.94	150	0	P	V
													V
													V
													V
													V
													V
													V
													V
													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)
LF		105.66	24.74	-18.76	43.5	38.89	16.57	1.7	32.42	-	-	P	H
		246.31	33.04	-12.96	46	44.76	18.13	2.56	32.41	-	-	P	H
		287.05	32.82	-13.18	46	43.59	18.91	2.75	32.43	-	-	P	H
		299.66	32.74	-13.26	46	43.17	19.2	2.81	32.44	-	-	P	H
		472.32	27.25	-18.75	46	32.84	23.4	3.57	32.56	-	-	P	H
		716.8	37.47	-8.53	46	38.5	26.97	4.52	32.52	100	0	P	H
													H
													H
													H
													H
													H
													H
		35.82	28.92	-11.08	40	38.2	22.17	0.99	32.44	-	-	P	V
		105.66	28.27	-15.23	43.5	42.42	16.57	1.7	32.42	-	-	P	V
		241.46	29.1	-16.9	46	41.52	17.45	2.54	32.41	-	-	P	V
		472.32	29.53	-16.47	46	35.12	23.4	3.57	32.56	-	-	P	V
		716.8	38.59	-7.41	46	39.62	26.97	4.52	32.52	100	0	P	V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

<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		5648	67.07	-1.13	68.2	53.81	31.87	11.59	30.2	174	355	P	H
		5660.6	70.06	-6.01	76.07	56.78	31.88	11.6	30.2	174	355	P	H
		5708	63.98	-43.46	107.44	50.57	31.96	11.65	30.2	174	355	P	H
		5724.8	64.05	-57.69	121.74	50.55	32.04	11.67	30.21	174	355	P	H
	*	5745	116.73	-	-	103.12	32.13	11.7	30.22	174	355	P	H
	*	5745	107.63	-	-	94.02	32.13	11.7	30.22	174	355	A	H
	*	5825	117.2	-	-	103.32	32.33	11.79	30.24	174	355	P	H
	*	5825	108.72	-	-	94.84	32.33	11.79	30.24	174	355	A	H
		5851	61.71	-58.21	119.92	47.83	32.32	11.82	30.26	174	355	P	H
		5860.6	60.8	-48.43	109.23	46.91	32.33	11.83	30.27	174	355	P	H
		5911.4	64.23	-14	78.23	50.23	32.4	11.89	30.29	174	355	P	H
		5925.6	58.57	-9.63	68.2	44.54	32.43	11.9	30.3	174	355	P	H
		5642.4	52.27	-15.93	68.2	39.08	31.81	11.58	30.2	209	10	P	V
		5657.2	53.45	-20.1	73.55	40.21	31.84	11.6	30.2	209	10	P	V
		5716.8	52.43	-57.48	109.91	38.95	32.03	11.66	30.21	209	10	P	V
		5723.8	53.39	-66.07	119.46	39.88	32.05	11.67	30.21	209	10	P	V
	*	5745	99.16	-	-	85.56	32.12	11.7	30.22	209	10	P	V
	*	5745	91.2	-	-	77.6	32.12	11.7	30.22	209	10	A	V
	*	5825	99.02	-	-	85.21	32.26	11.79	30.24	209	10	P	V
	*	5825	90.82	-	-	77.01	32.26	11.79	30.24	209	10	A	V
		5854	52.92	-60.16	113.08	39.04	32.32	11.82	30.26	209	10	P	V
		5859.2	53.51	-56.11	109.62	39.61	32.34	11.83	30.27	209	10	P	V
		5915.4	55.12	-20.16	75.28	41.01	32.52	11.89	30.3	209	10	P	V
		5946.6	52.89	-15.31	68.2	38.77	32.5	11.93	30.31	209	10	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 5795z		5644	67.44	-0.76	68.2	54.19	31.87	11.58	30.2	175	7	P	H
		5697.6	71.46	-31.97	103.43	58.1	31.92	11.64	30.2	175	7	P	H
		5706	73	-33.88	106.88	59.6	31.95	11.65	30.2	175	7	P	H
		5720.2	71.82	-39.44	111.26	58.34	32.02	11.67	30.21	175	7	P	H
	*	5745	120.1	-	-	106.49	32.13	11.7	30.22	175	7	P	H
	*	5745	110.92	-	-	97.31	32.13	11.7	30.22	175	7	A	H
	*	5795	116.39	-	-	102.56	32.31	11.75	30.23	175	7	P	H
	*	5795	106.32	-	-	92.49	32.31	11.75	30.23	175	7	A	H
		5850.4	66.99	-54.3	121.29	53.11	32.32	11.82	30.26	175	7	P	H
		5855.4	67.75	-42.94	110.69	53.86	32.33	11.82	30.26	175	7	P	H
		5890.8	62.6	-30.87	93.47	48.65	32.37	11.86	30.28	175	7	P	H
		5929.4	59.27	-8.93	68.2	45.22	32.44	11.91	30.3	175	7	P	H
		5649.8	52.93	-15.27	68.2	39.73	31.81	11.59	30.2	212	11	P	V
		5697	55.38	-47.61	102.99	41.98	31.96	11.64	30.2	212	11	P	V
		5716.4	55.38	-54.41	109.79	41.91	32.02	11.66	30.21	212	11	P	V
		5721.4	53.7	-60.29	113.99	40.2	32.04	11.67	30.21	212	11	P	V
	*	5745	102.67	-	-	89.07	32.12	11.7	30.22	212	11	P	V
	*	5745	94.46	-	-	80.86	32.12	11.7	30.22	212	11	A	V
	*	5795	99.5	-	-	85.77	32.21	11.75	30.23	212	11	P	V
	*	5795	89.49	-	-	75.76	32.21	11.75	30.23	212	11	A	V
		5854.4	55.21	-56.96	112.17	41.33	32.32	11.82	30.26	212	11	P	V
		5865.8	54.73	-53.04	107.77	40.79	32.37	11.84	30.27	212	11	P	V
		5922.8	53.78	-16.04	69.82	39.66	32.52	11.9	30.3	212	11	P	V
		5942.2	53.76	-14.44	68.2	39.65	32.5	11.92	30.31	212	11	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		5643	66.91	-1.29	68.2	53.66	31.87	11.58	30.2	170	353	P	H
		5662.2	71.91	-5.35	77.26	58.63	31.88	11.6	30.2	170	353	P	H
		5719.2	68.02	-42.56	110.58	54.55	32.01	11.67	30.21	170	353	P	H
		5723.2	68.82	-49.28	118.1	55.33	32.03	11.67	30.21	170	353	P	H
	*	5755	116.88	-	-	103.22	32.17	11.71	30.22	170	353	P	H
	*	5755	109.5	-	-	95.84	32.17	11.71	30.22	170	353	A	H
	*	5825	119.07	-	-	105.19	32.33	11.79	30.24	170	353	P	H
	*	5825	111.78	-	-	97.9	32.33	11.79	30.24	170	353	A	H
		5851.2	65.4	-54.06	119.46	51.52	32.32	11.82	30.26	170	353	P	H
		5857.4	64.79	-45.34	110.13	50.89	32.33	11.83	30.26	170	353	P	H
		5890.2	68.33	-25.59	93.92	54.39	32.36	11.86	30.28	170	353	P	H
		5926	61.31	-6.89	68.2	47.28	32.43	11.9	30.3	170	353	P	H
		5664.6	56	-23.04	79.04	42.74	31.86	11.6	30.2	210	12	P	V
		5705.8	53.52	-53.31	106.83	40.08	31.99	11.65	30.2	210	12	P	V
		5720.8	52.93	-59.69	112.62	39.43	32.04	11.67	30.21	210	12	P	V
		5755	99.26	31.06	68.2	85.63	32.14	11.71	30.22	210	12	P	V
	*	5755	91.87	-	-	78.24	32.14	11.71	30.22	210	12	A	V
	*	5825	102.43	-	-	88.62	32.26	11.79	30.24	210	12	P	V
	*	5825	95.15	-	-	81.34	32.26	11.79	30.24	210	12	A	V
	*	5852	53.43	-	-	39.56	32.31	11.82	30.26	210	12	P	V
		5862.8	54.38	-54.23	108.61	40.46	32.36	11.83	30.27	210	12	P	V
		5908	56.65	-24.09	80.74	42.53	32.53	11.88	30.29	210	12	P	V
		5945.4	52.8	-15.4	68.2	38.68	32.5	11.93	30.31	210	12	P	V
		5664.6	56	-23.04	79.04	42.74	31.86	11.6	30.2	210	12	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 + VHT20 CH 157 5785Hz		5640.8	66.92	-1.28	68.2	53.66	31.87	11.58	30.19	176	360	P	H
		5694	74.46	-26.32	100.78	61.1	31.92	11.64	30.2	176	360	P	H
		5717.8	77.71	-32.47	110.18	64.24	32.01	11.67	30.21	176	360	P	H
		5723.8	72.76	-46.7	119.46	59.27	32.03	11.67	30.21	176	360	P	H
	*	5745	118.83	-	-	105.22	32.13	11.7	30.22	176	360	P	H
	*	5745	110.16	-	-	96.55	32.13	11.7	30.22	176	360	A	H
	*	5785	120.64	-	-	106.85	32.28	11.74	30.23	176	360	P	H
	*	5785	112.46	-	-	98.67	32.28	11.74	30.23	176	360	A	H
		5853.4	65.31	-49.14	114.45	51.43	32.32	11.82	30.26	176	360	P	H
		5865.4	65.58	-42.31	107.89	51.67	32.34	11.84	30.27	176	360	P	H
		5879.8	66.15	-35.48	101.63	52.23	32.35	11.85	30.28	176	360	P	H
		5926.6	59.96	-8.24	68.2	45.92	32.43	11.91	30.3	176	360	P	H
		5638.6	54.01	-14.19	68.2	40.82	31.81	11.57	30.19	212	7	P	V
		5694	55.71	-45.07	100.78	42.32	31.95	11.64	30.2	212	7	P	V
		5709.2	57.91	-49.87	107.78	44.45	32	11.66	30.2	212	7	P	V
		5724.2	57.91	-62.47	120.38	44.4	32.05	11.67	30.21	212	7	P	V
	*	5745	104.46	-	-	90.86	32.12	11.7	30.22	212	7	P	V
	*	5745	95.92	-	-	82.32	32.12	11.7	30.22	212	7	A	V
	*	5785	105.23	-	-	91.53	32.19	11.74	30.23	212	7	P	V
	*	5785	97.11	-	-	83.41	32.19	11.74	30.23	212	7	A	V
		5854	53.94	-59.14	113.08	40.06	32.32	11.82	30.26	212	7	P	V
		5855.8	54.5	-56.08	110.58	40.62	32.32	11.82	30.26	212	7	P	V
		5881.8	54.83	-45.32	100.15	40.81	32.45	11.85	30.28	212	7	P	V
		5926.4	53.56	-14.64	68.2	39.43	32.52	11.91	30.3	212	7	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 + VHT20 CH 161 5805MHz		5634	67.83	-0.37	68.2	54.58	31.87	11.57	30.19	175	357	P	H
		5685.4	71.78	-22.65	94.43	58.44	31.91	11.63	30.2	175	357	P	H
		5700.8	69.5	-35.92	105.42	56.12	31.93	11.65	30.2	175	357	P	H
		5723.8	70.55	-48.91	119.46	57.06	32.03	11.67	30.21	175	357	P	H
	*	5745	119.71	-	-	106.1	32.13	11.7	30.22	175	357	P	H
	*	5745	112.06	-	-	98.45	32.13	11.7	30.22	175	357	A	H
	*	5805	120.15	-	-	106.28	32.33	11.77	30.23	175	357	P	H
	*	5805	112.52	-	-	98.65	32.33	11.77	30.23	175	357	A	H
		5854	68.54	-44.54	113.08	54.66	32.32	11.82	30.26	175	357	P	H
		5868.6	72.85	-34.14	106.99	58.94	32.34	11.84	30.27	175	357	P	H
		5877.8	68.46	-34.66	103.12	54.54	32.35	11.85	30.28	175	357	P	H
		5931.4	64.01	-4.19	68.2	49.95	32.45	11.91	30.3	175	357	P	H
		5644.8	55.73	-12.47	68.2	42.54	31.81	11.58	30.2	211	7	P	V
		5680.2	57.35	-33.24	90.59	44.02	31.91	11.62	30.2	211	7	P	V
		5709.6	54.55	-53.34	107.89	41.09	32	11.66	30.2	211	7	P	V
		5723	55.65	-61.99	117.64	42.14	32.05	11.67	30.21	211	7	P	V
	*	5745	104.05	-	-	90.45	32.12	11.7	30.22	211	7	P	V
	*	5745	96.38	-	-	82.78	32.12	11.7	30.22	211	7	A	V
	*	5805	104.43	-	-	90.67	32.22	11.77	30.23	211	7	P	V
	*	5805	96.71	-	-	82.95	32.22	11.77	30.23	211	7	A	V
		5852.8	55.85	-59.97	115.82	41.98	32.31	11.82	30.26	211	7	P	V
		5864.2	57.68	-50.54	108.22	43.76	32.36	11.83	30.27	211	7	P	V
		5875.2	57.06	-47.99	105.05	43.07	32.42	11.85	30.28	211	7	P	V
		5946.2	54.88	-13.32	68.2	40.76	32.5	11.93	30.31	211	7	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 153 5765MHz + VHT20 CH 165 5825MHz		5643.6	67.77	-0.43	68.2	54.52	31.87	11.58	30.2	179	360	P	H
		5696.8	73.53	-29.31	102.84	60.17	31.92	11.64	30.2	179	360	P	H
		5703.8	70.12	-36.15	106.27	56.73	31.94	11.65	30.2	179	360	P	H
		5724.4	66.44	-54.39	120.83	52.94	32.04	11.67	30.21	179	360	P	H
	*	5765	118.92	-	-	105.21	32.21	11.72	30.22	179	360	P	H
	*	5765	110.93	-	-	97.22	32.21	11.72	30.22	179	360	A	H
	*	5825	120.35	-	-	106.47	32.33	11.79	30.24	179	360	P	H
	*	5825	112.12	-	-	98.24	32.33	11.79	30.24	179	360	A	H
		5851.4	65.31	-53.7	119.01	51.43	32.32	11.82	30.26	179	360	P	H
		5873.8	66.33	-39.21	105.54	52.41	32.35	11.84	30.27	179	360	P	H
		5892.4	73.13	-19.16	92.29	59.18	32.37	11.87	30.29	179	360	P	H
		5947.4	62.67	-5.53	68.2	48.57	32.48	11.93	30.31	179	360	P	H
		5644	53.32	-14.88	68.2	40.13	31.81	11.58	30.2	211	13	P	V
		5689.6	57.3	-40.23	97.53	43.93	31.94	11.63	30.2	211	13	P	V
		5702	57.14	-48.62	105.76	43.71	31.98	11.65	30.2	211	13	P	V
		5724.8	53.96	-67.78	121.74	40.45	32.05	11.67	30.21	211	13	P	V
	*	5765	102.99	-	-	89.33	32.16	11.72	30.22	211	13	P	V
	*	5765	95.34	-	-	81.68	32.16	11.72	30.22	211	13	A	V
	*	5825	104.63	-	-	90.82	32.26	11.79	30.24	211	13	P	V
	*	5825	96.68	-	-	82.87	32.26	11.79	30.24	211	13	A	V
		5852.2	53.47	-63.71	117.18	39.6	32.31	11.82	30.26	211	13	P	V
		5868.6	55.13	-51.86	106.99	41.17	32.39	11.84	30.27	211	13	P	V
		5875.2	58.01	-47.04	105.05	44.02	32.42	11.85	30.28	211	13	P	V
		5929.2	54.3	-13.9	68.2	40.18	32.51	11.91	30.3	211	13	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 157 5785MHz + VHT20 CH 165 5825MHz		5604.6	65.96	-2.24	68.2	52.72	31.87	11.54	30.17	178	360	P	H
		5696.2	72.93	-29.47	102.4	59.57	31.92	11.64	30.2	178	360	P	H
		5706.4	72.93	-34.06	106.99	59.52	31.96	11.65	30.2	178	360	P	H
		5723.6	71.47	-47.54	119.01	57.98	32.03	11.67	30.21	178	360	P	H
	*	5785	120.05	-	-	106.26	32.28	11.74	30.23	178	360	P	H
	*	5785	111.69	-	-	97.9	32.28	11.74	30.23	178	360	A	H
	*	5825	122.53	-	-	108.65	32.33	11.79	30.24	178	360	P	H
	*	5825	114.64	-	-	100.76	32.33	11.79	30.24	178	360	A	H
		5851.2	78.67	-40.79	119.46	64.79	32.32	11.82	30.26	178	360	P	H
		5862.2	82.09	-26.69	108.78	68.2	32.33	11.83	30.27	178	360	P	H
		5875.8	81.04	-23.57	104.61	67.12	32.35	11.85	30.28	178	360	P	H
		5926.6	64.77	-3.43	68.2	50.73	32.43	11.91	30.3	178	360	P	H
		5607.4	54	-14.2	68.2	40.84	31.79	11.54	30.17	209	8	P	V
		5691.6	58.08	-40.93	99.01	44.69	31.95	11.64	30.2	209	8	P	V
		5701.6	61.65	-44	105.65	48.22	31.98	11.65	30.2	209	8	P	V
		5724	57.96	-61.96	119.92	44.45	32.05	11.67	30.21	209	8	P	V
	*	5785	105.27	-	-	91.57	32.19	11.74	30.23	209	8	P	V
	*	5785	97.73	-	-	84.03	32.19	11.74	30.23	209	8	A	V
	*	5825	106.63	-	-	92.82	32.26	11.79	30.24	209	8	P	V
	*	5825	98.95	-	-	85.14	32.26	11.79	30.24	209	8	A	V
		5855	65.94	-44.86	110.8	52.06	32.32	11.82	30.26	209	8	P	V
		5869.6	66.36	-40.35	106.71	52.4	32.39	11.84	30.27	209	8	P	V
		5878.2	66.2	-36.62	102.82	52.2	32.43	11.85	30.28	209	8	P	V
		5925	54.9	-13.3	68.2	40.78	32.52	11.9	30.3	209	8	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 161 5805MHz		5635.8	67.98	-0.22	68.2	54.73	31.87	11.57	30.19	173	9	P	H
		5698.2	72.26	-31.61	103.87	58.9	31.92	11.64	30.2	173	9	P	H
		5716.6	73.34	-36.51	109.85	59.89	32	11.66	30.21	173	9	P	H
		5723.2	73.02	-45.08	118.1	59.53	32.03	11.67	30.21	173	9	P	H
	*	5755	117.25	-	-	103.59	32.17	11.71	30.22	173	9	P	H
	*	5755	109.12	-	-	95.46	32.17	11.71	30.22	173	9	A	H
	*	5805	120.93	-	-	107.06	32.33	11.77	30.23	173	9	P	H
	*	5805	112.73	-	-	98.86	32.33	11.77	30.23	173	9	A	H
		5855	70.39	-40.41	110.8	56.51	32.32	11.82	30.26	173	9	P	H
		5862.8	72.73	-35.88	108.61	58.84	32.33	11.83	30.27	173	9	P	H
		5876.4	73.44	-30.72	104.16	59.52	32.35	11.85	30.28	173	9	P	H
		5933	60.93	-7.27	68.2	46.87	32.45	11.91	30.3	173	9	P	H
		5612.2	53.21	-14.99	68.2	40.06	31.79	11.54	30.18	212	8	P	V
		5679.6	54.75	-35.39	90.14	41.42	31.91	11.62	30.2	212	8	P	V
		5704.8	55.39	-51.16	106.55	41.95	31.99	11.65	30.2	212	8	P	V
		5724.2	56.42	-63.96	120.38	42.91	32.05	11.67	30.21	212	8	P	V
	*	5755	100.25	-	-	86.62	32.14	11.71	30.22	212	8	P	V
	*	5755	91.65	-	-	78.02	32.14	11.71	30.22	212	8	A	V
	*	5805	104.31	-	-	90.55	32.22	11.77	30.23	212	8	P	V
	*	5805	95.89	-	-	82.13	32.22	11.77	30.23	212	8	A	V
		5854	54.52	-58.56	113.08	40.64	32.32	11.82	30.26	212	8	P	V
		5861.8	56.25	-52.64	108.89	42.34	32.35	11.83	30.27	212	8	P	V
		5879	55.5	-46.73	102.23	41.49	32.44	11.85	30.28	212	8	P	V
		5943.8	53.44	-14.76	68.2	39.32	32.5	11.93	30.31	212	8	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	55.73	-18.27	74	64.55	40.32	17.56	66.7	101	352	P	H
		11490	48.54	-5.46	54	57.36	40.32	17.56	66.7	101	352	A	H
		11650	49.94	-24.06	74	59	39.93	17.71	66.7	100	0	P	H
		17235	52.68	-15.52	68.2	57.76	40.52	21.78	67.38	100	0	P	H
		17475	54.59	-13.61	68.2	58.01	42.38	21.96	67.76	100	0	P	H
													H
		11490	49.97	-24.03	74	58.77	40.34	17.56	66.7	100	0	P	V
		11650	49.77	-24.23	74	58.9	39.86	17.71	66.7	100	0	P	V
		17235	52.78	-15.42	68.2	57.82	40.56	21.78	67.38	100	0	P	V
		17475	54.18	-14.02	68.2	57.59	42.39	21.96	67.76	100	0	P	V
													V
													V
VHT20 CH 149 5745MHz + VHT40 CH 159 5795z		11490	55.63	-18.37	74	64.45	40.32	17.56	66.7	100	358	P	H
		11490	48.5	-5.5	54	57.32	40.32	17.56	66.7	100	358	A	H
		11590	54.47	-19.53	74	63.39	40.13	17.65	66.7	193	2	P	H
		11590	47.97	-6.03	54	56.89	40.13	17.65	66.7	193	2	A	H
		17235	52.32	-15.88	68.2	57.4	40.52	21.78	67.38	100	0	P	H
		17385	53.75	-14.45	68.2	57.82	41.66	21.89	67.62	100	0	P	H
		11490	49.58	-24.42	74	58.38	40.34	17.56	66.7	100	0	P	V
		11590	49.78	-24.22	74	58.62	40.21	17.65	66.7	100	0	P	V
		17235	53.92	-14.28	68.2	58.96	40.56	21.78	67.38	100	0	P	V
		17385	53.91	-14.29	68.2	58	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	57.37	-16.63	74	66.16	40.33	17.58	66.7	192	49	P	H
		11510	51.97	-2.03	54	60.76	40.33	17.58	66.7	192	49	A	H
		11650	49.91	-24.09	74	58.97	39.93	17.71	66.7	100	0	P	H
		17265	52.84	-15.36	68.2	57.76	40.7	21.8	67.42	100	0	P	H
		17475	55.09	-13.11	68.2	58.51	42.38	21.96	67.76	100	0	P	H
													H
		11510	54.4	-19.6	74	63.17	40.35	17.58	66.7	300	35	P	V
		11510	46.11	-7.89	54	54.88	40.35	17.58	66.7	300	35	A	V
		11650	49.06	-24.94	74	58.19	39.86	17.71	66.7	100	0	P	V
		17265	52.39	-15.81	68.2	57.28	40.73	21.8	67.42	100	0	P	V
		17475	54.99	-13.21	68.2	58.4	42.39	21.96	67.76	100	0	P	V
													V
VHT20 CH 149 5745MHz + VHT20 CH 157 5785MHz		11490	56.05	-17.95	74	64.87	40.32	17.56	66.7	100	354	P	H
		11490	48.81	-5.19	54	57.63	40.32	17.56	66.7	100	354	A	H
		11570	56.12	-17.88	74	64.96	40.23	17.63	66.7	183	60	P	H
		11570	49.84	-4.16	54	58.68	40.23	17.63	66.7	183	60	A	H
		17235	52.83	-15.37	68.2	57.91	40.52	21.78	67.38	100	0	P	H
		17355	53.67	-14.53	68.2	58.01	41.37	21.86	67.57	100	0	P	H
		11490	49.89	-24.11	74	58.69	40.34	17.56	66.7	100	0	P	V
		11570	49.44	-24.56	74	58.22	40.29	17.63	66.7	100	0	P	V
		17235	52.53	-15.67	68.2	57.57	40.56	21.78	67.38	100	0	P	V
		17355	53.47	-14.73	68.2	57.85	41.33	21.86	67.57	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)
VHT20 CH 149 5745MHz + VHT20 CH 161 5805MHz			11490	55.75	-18.25	74	64.57	40.32	17.56	66.7	181	48	P	H
			11490	50.04	-3.96	54	58.86	40.32	17.56	66.7	181	48	A	H
			11610	51.9	-22.1	74	60.89	40.05	17.66	66.7	200	34	P	H
			11610	48.05	-5.95	54	57.04	40.05	17.66	66.7	200	34	A	H
			17235	52.21	-15.99	68.2	57.29	40.52	21.78	67.38	100	0	P	H
			17415	54.62	-13.58	68.2	58.43	41.95	21.9	67.66	100	0	P	H
			11490	52.87	-21.13	74	61.67	40.34	17.56	66.7	139	50	P	V
			11490	47.42	-6.58	54	56.22	40.34	17.56	66.7	139	50	A	V
			11610	54.98	-19.02	74	63.9	40.12	17.66	66.7	180	58	P	V
			11610	51.11	-2.89	54	60.03	40.12	17.66	66.7	180	58	A	V
			17235	52.58	-15.62	68.2	57.62	40.56	21.78	67.38	100	0	P	V
			17415	53.96	-14.24	68.2	57.79	41.93	21.9	67.66	100	0	P	V
VHT20 CH 153 5765MHz + VHT40 CH 165 5825MHz			11530	57.22	-16.78	74	65.99	40.33	17.6	66.7	186	50	P	H
			11530	52.21	-1.79	54	60.98	40.33	17.6	66.7	186	50	A	H
			11650	54.52	-19.48	74	63.58	39.93	17.71	66.7	125	360	P	H
			11650	47.58	-6.42	54	56.64	39.93	17.71	66.7	125	360	A	H
			17295	53.51	-14.69	68.2	58.2	40.96	21.82	67.47	100	0	P	H
			17475	54.67	-13.53	68.2	58.09	42.38	21.96	67.76	100	0	P	H
			11530	53.96	-20.04	74	62.7	40.36	17.6	66.7	100	328	P	V
			11530	46.74	-7.26	54	55.48	40.36	17.6	66.7	100	328	A	V
			11650	53.75	-20.25	74	62.88	39.86	17.71	66.7	106	318	P	V
			11650	44.89	-9.11	54	54.02	39.86	17.71	66.7	106	318	A	V
			17295	53.09	-15.11	68.2	57.77	40.97	21.82	67.47	100	0	P	V
			17475	54.86	-13.34	68.2	58.27	42.39	21.96	67.76	100	0	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 157 5785MHz + VHT20 CH 165 5825MHz		11570	54.38	-19.62	74	63.22	40.23	17.63	66.7	100	358	P	H
		11570	49.81	-4.19	54	58.65	40.23	17.63	66.7	100	358	A	H
		11650	55.52	-18.48	74	64.58	39.93	17.71	66.7	336	308	P	H
		11650	51.96	-2.04	54	61.02	39.93	17.71	66.7	336	308	A	H
		17355	54.57	-13.63	68.2	58.91	41.37	21.86	67.57	100	0	P	H
		17475	54.64	-13.56	68.2	58.06	42.38	21.96	67.76	100	0	P	H
		11570	53.12	-20.88	74	61.9	40.29	17.63	66.7	358	327	P	V
		11570	47.05	-6.95	54	55.83	40.29	17.63	66.7	358	327	A	V
		11650	53.23	-20.77	74	62.36	39.86	17.71	66.7	225	347	P	V
		11650	47.69	-6.31	54	56.82	39.86	17.71	66.7	225	347	A	V
		17355	53.43	-14.77	68.2	57.81	41.33	21.86	67.57	100	0	P	V
		17475	54.79	-13.41	68.2	58.2	42.39	21.96	67.76	100	0	P	V
VHT40 CH 151 5755MHz + VHT20 CH 161 5805MHz		11510	53.09	-20.91	74	61.88	40.33	17.58	66.7	100	355	P	H
		11510	49.06	-4.94	54	57.85	40.33	17.58	66.7	100	355	A	H
		11610	53.14	-20.86	74	62.13	40.05	17.66	66.7	119	1	P	H
		11610	47.86	-6.14	54	56.85	40.05	17.66	66.7	119	1	A	H
		17265	53.61	-14.59	68.2	58.53	40.7	21.8	67.42	100	0	P	H
		17415	54.49	-13.71	68.2	58.3	41.95	21.9	67.66	100	0	P	H
		11510	52.83	-21.17	74	61.6	40.35	17.58	66.7	101	327	P	V
		11510	48.94	-5.06	54	57.71	40.35	17.58	66.7	101	327	A	V
		11610	51.98	-22.02	74	60.9	40.12	17.66	66.7	103	321	P	V
		11610	44.89	-9.11	54	53.81	40.12	17.66	66.7	103	321	A	V
		17265	52.82	-15.38	68.2	57.71	40.73	21.8	67.42	100	0	P	V
		17415	54.48	-13.72	68.2	58.31	41.93	21.9	67.66	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission above 18GHz

5GHz (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)
		27130	42.6	-25.6	68.2	37.75	39.52	17.31	51.98	150	0	P	H
		38460	49.63	-18.57	68.2	37.18	44.34	23.06	54.95	150	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
													H
5GHz SHF													H
		33664	45.04	-23.16	68.2	36.66	41.2	20.79	53.61	150	0	P	V
		37888	49.38	-18.82	68.2	37.66	43.7	22.86	54.84	150	0	P	V
													V
													V
													V
													V
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													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Emission below 1GHz

5GHz (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		31.94	21.65	-18.35	40	29.23	23.95	0.91	32.44	-	-	P	H
		105.66	26.52	-16.98	43.5	40.67	16.57	1.7	32.42	-	-	P	H
		187.14	27.92	-15.58	43.5	43.29	14.8	2.24	32.41	-	-	P	H
		288.99	35.23	-10.77	46	45.9	19	2.76	32.43	-	-	P	H
		473.29	30.97	-15.03	46	36.57	23.4	3.57	32.57	-	-	P	H
		716.8	45.57	-0.43	46	46.6	26.97	4.52	32.52	109	60	QP	H
													H
													H
													H
													H
													H
													H
		34.85	27.88	-12.12	40	36.76	22.58	0.98	32.44	-	-	P	V
		105.66	29.38	-14.12	43.5	43.53	16.57	1.7	32.42	-	-	P	V
		213.33	30.47	-13.03	43.5	45.57	14.9	2.4	32.4	-	-	P	V
		474.26	28.57	-17.43	46	34.17	23.4	3.57	32.57	-	-	P	V
		624.61	30.3	-15.7	46	32.68	26.18	4.06	32.62	-	-	P	V
		716.8	45.87	-0.13	46	46.9	26.97	4.52	32.52	111	10	QP	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

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

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

Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. 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”.

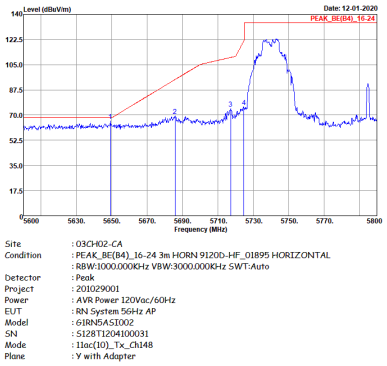
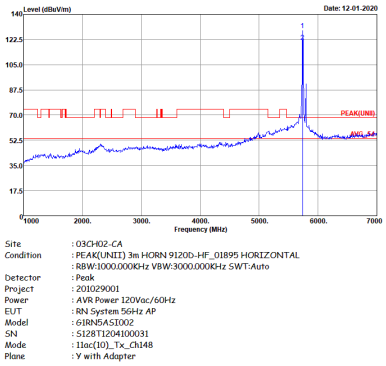
Appendix D. Radiated Spurious Emission Plots

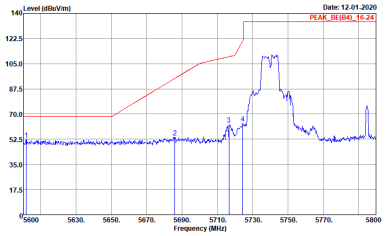
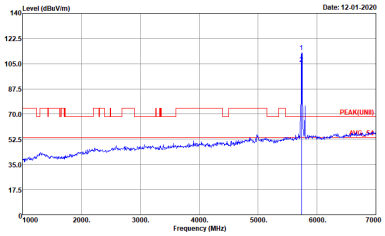
Test Engineer :	Calvin Wu	Temperature :	20~25°C
		Relative Humidity :	45~52%

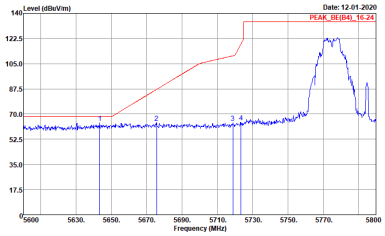
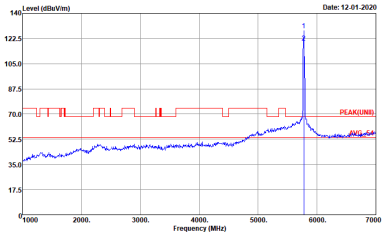
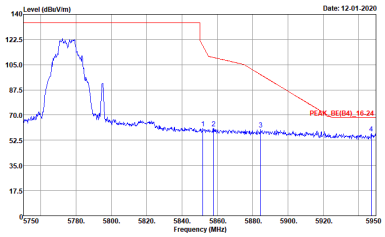
<Single Carrier>

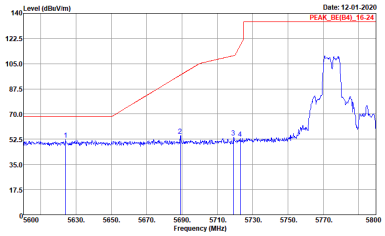
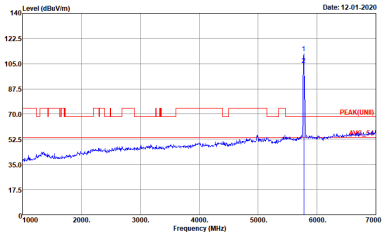
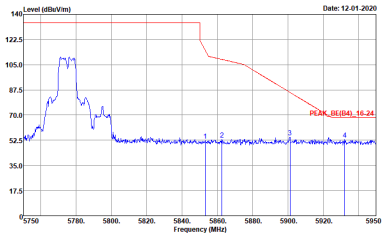
Band 4 - 5725~5850MHz

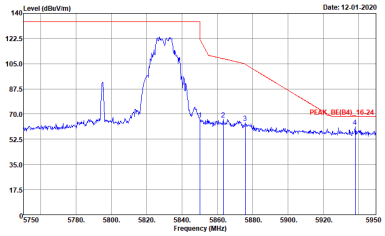
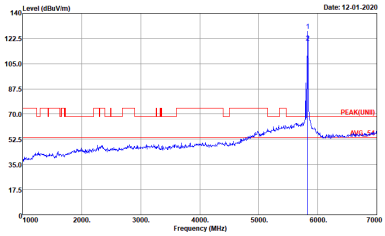
VHT10 (Band Edge @ 3m)

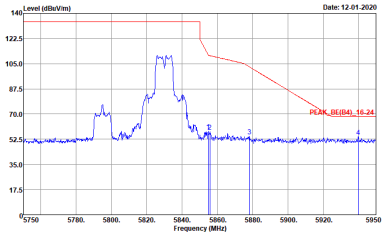
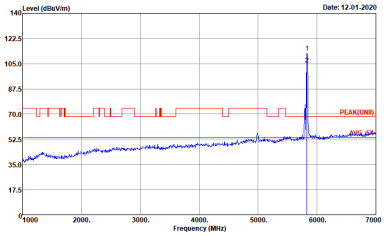
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT10 CH148 5740MHz	
1	Horizontal	Fundamental
Peak		

	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT10 CH148 5740MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(10)_Tx_Ch148 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(10)_Tx_Ch148 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 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch155 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch155 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch155 Plane : Y with Adapter	Left blank

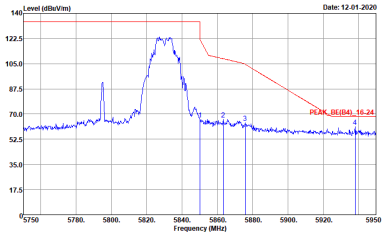
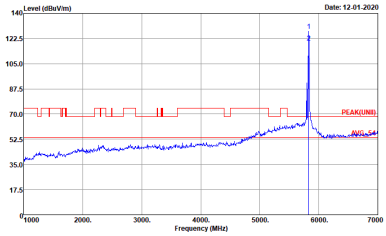
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT10 CH155 5775MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch155 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch155 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch155 Plane : Y with Adapter	Left blank

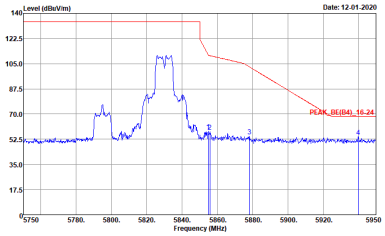
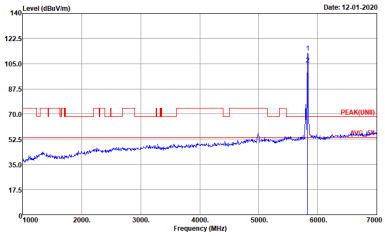
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT10 CH166 5830MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter

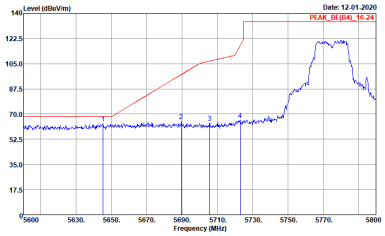
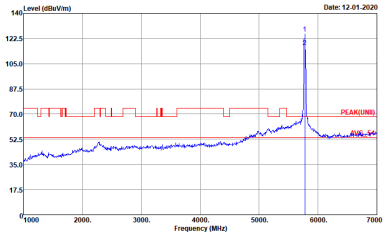
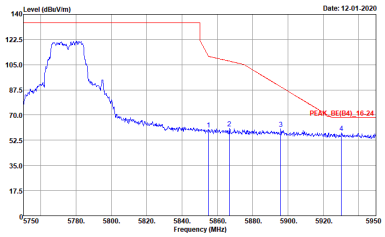
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT10 CH166 5830MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter

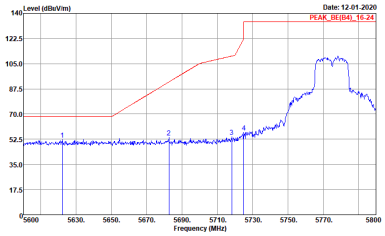
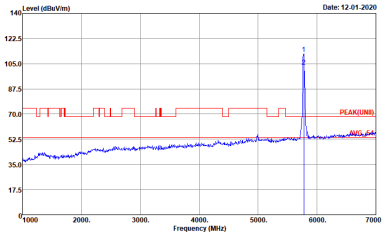
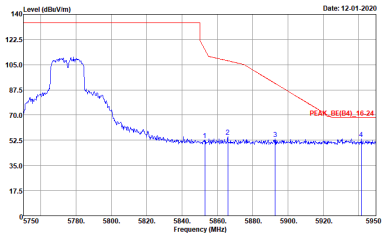
Band 4 5725~5850MHz

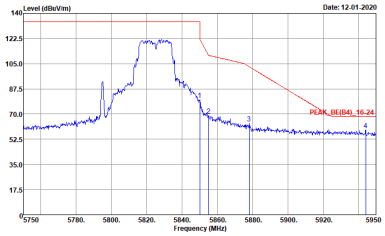
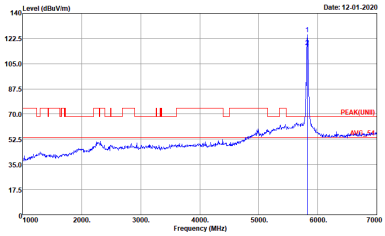
VHT20 (Band Edge @ 3m)

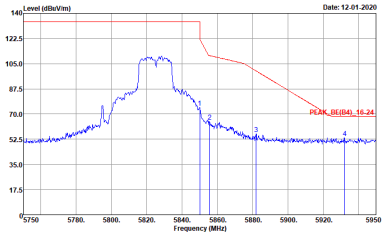
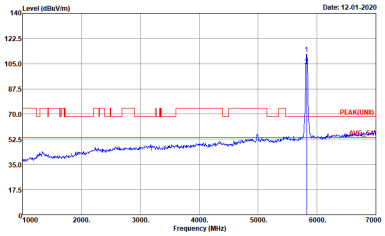
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(10)_Tx_Ch166 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(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(10)_Tx_Ch166 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(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch155 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch155 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch155 Plane : Y with Adapter	Left blank

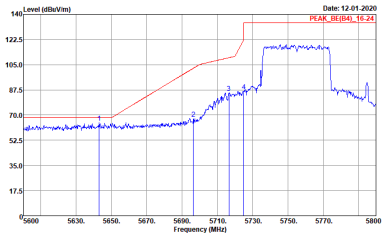
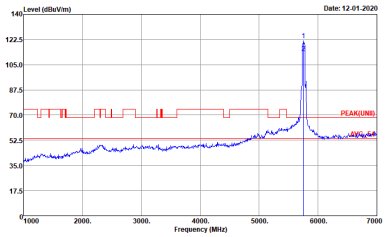
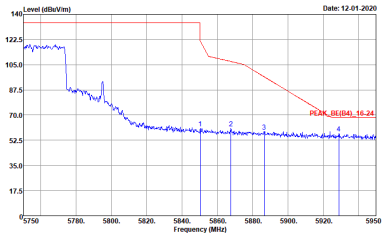
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH155 5775MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch155 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch155 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch155 Plane : Y with Adapter	Left blank

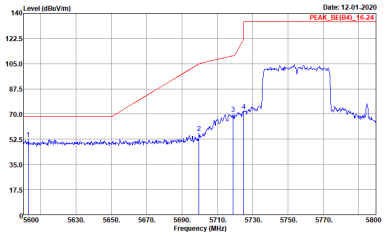
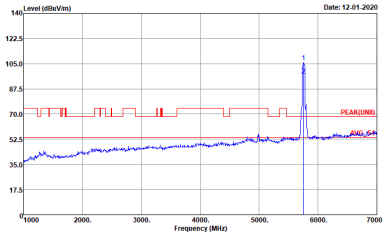
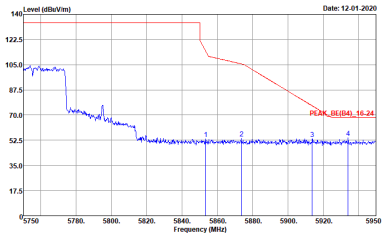
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH165 5825MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch165 Setting : atten = 3, ADAK = -1.25 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch165 Setting : atten = 3, ADAK = -1.25 Plane : Y with Adapter

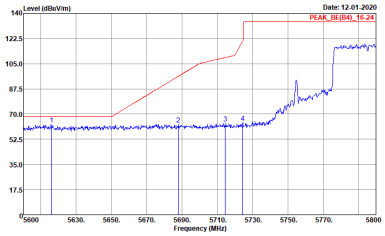
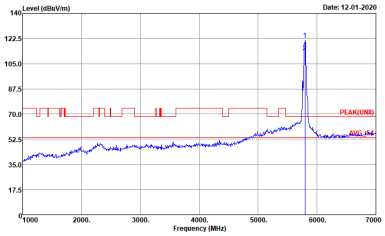
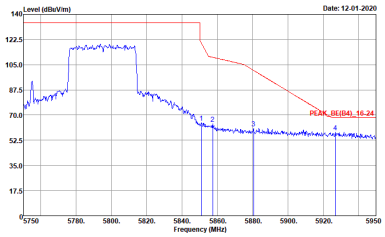
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH165 5825MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch165 Setting : atten = 3, ADAK = -1.25 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch165 Setting : atten = 3, ADAK = -1.25 Plane : Y with Adapter

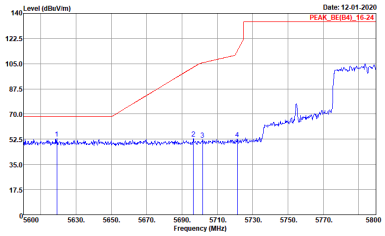
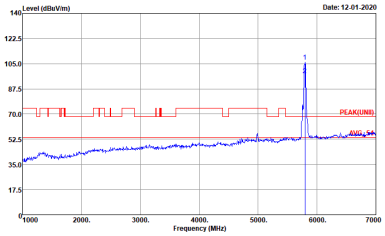
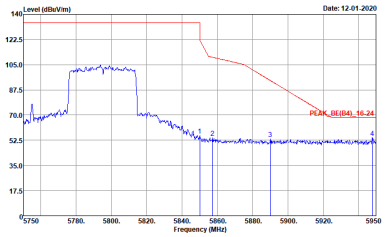
Band 4 5725~5850MHz

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 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151 Plane : Y with Adapter	Left blank

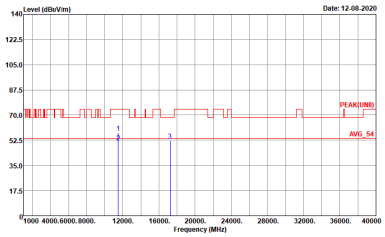
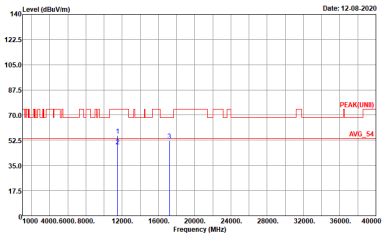
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151 Plane : Y with Adapter	Left blank

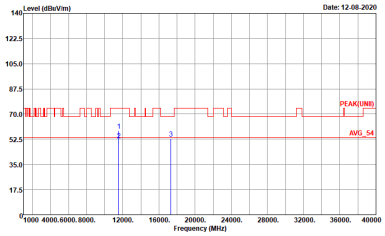
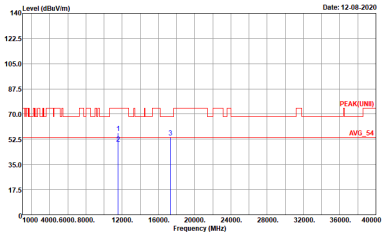
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH159 5795MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159 Plane : Y with Adapter	Left blank

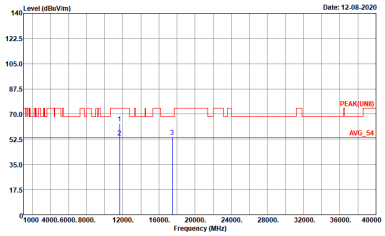
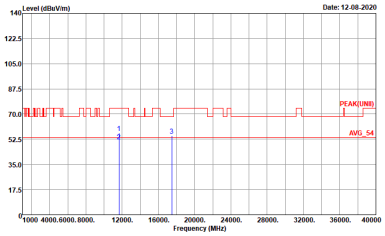
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH159 5795MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159 Plane : Y with Adapter	Left blank

Band 4 - 5725~5850MHz

VHT10 (Harmonic @ 3m)

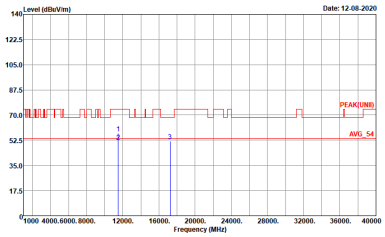
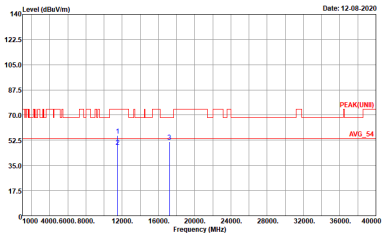
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT10 CH148 5740MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch148 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch148 Plane : Y with Adapter

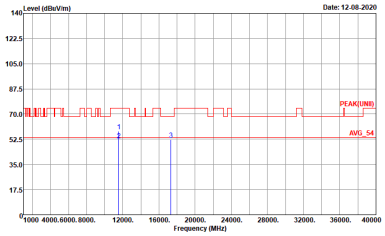
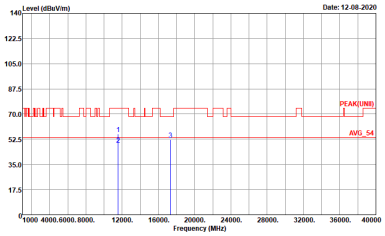
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT10 CH155 5775MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch155 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch155 Plane : Y with Adapter

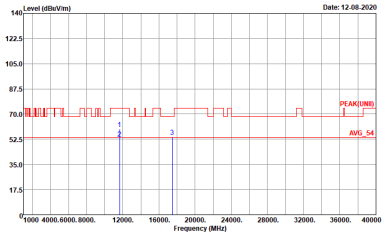
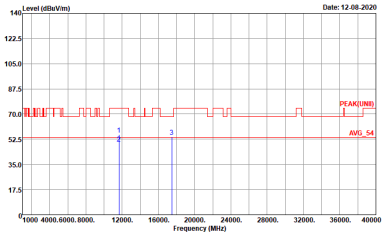
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT10 CH166 5830MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter

Band 4 5725~5850MHz

VHT20 (Harmonic @ 3m)

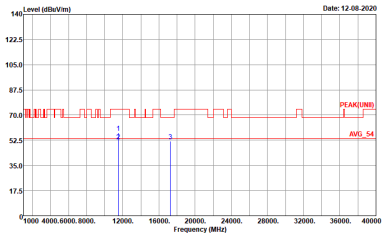
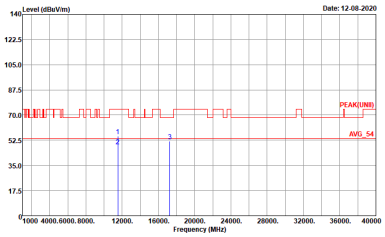
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH149 5745MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149 Plane : Y with Adapter

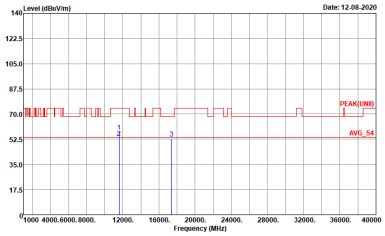
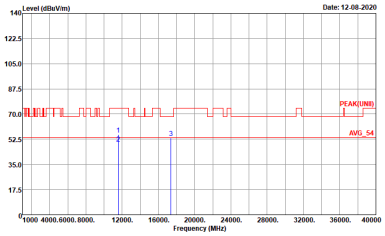
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH155 5775MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch155 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch155 Plane : Y with Adapter

	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH165 5825MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T120410003I Mode : 11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T120410003I Mode : 11ac(20)_Tx_Ch165 Plane : Y with Adapter

Band 4 5725~5850MHz

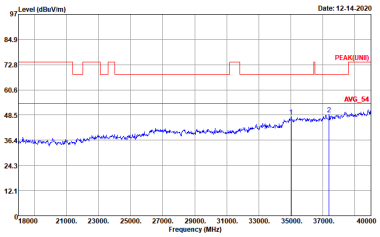
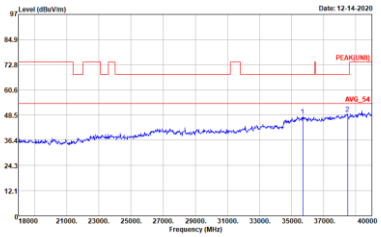
VHT40 (Harmonic @ 3m)

	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT40 CH151 5755MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151 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 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch159 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch159 Plane : Y with Adapter

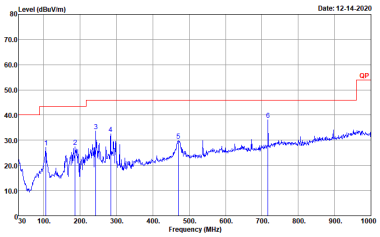
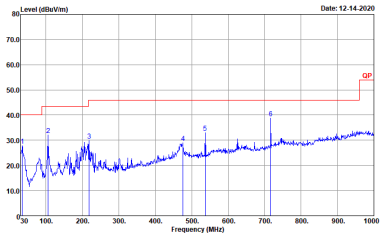
Emission above 18GHz

5GHz VHT10 (SHF)

	5GHz	
ANT	VHT10 SHF	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 1m HORN 9170-SHF_00842 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 35028.00 47.84 -20.36 68.20 38.50 41.55 31.09 53.76 150 0 Peak 2 37382.00 48.79 -19.41 68.20 37.42 43.25 32.19 54.53 150 0 Peak	 Site : 03CH02-CA Condition : PEAK(UNII) 1m HORN 9170-SHF_00842 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 35688.00 48.21 -19.99 68.20 38.04 42.69 31.44 54.42 150 0 Peak 2 38482.00 49.17 -19.03 68.20 37.13 43.94 32.60 54.96 150 0 Peak

Emission below 1GHz

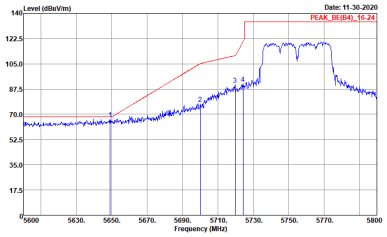
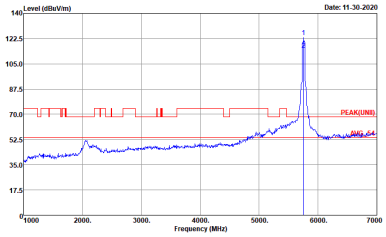
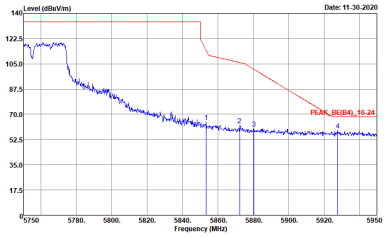
5GHz VHT10 (LF)

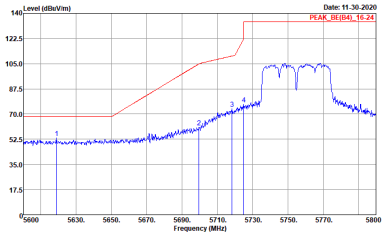
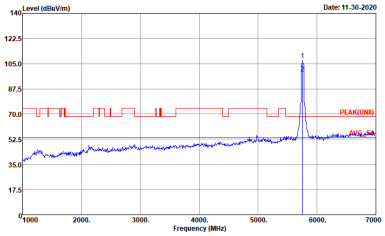
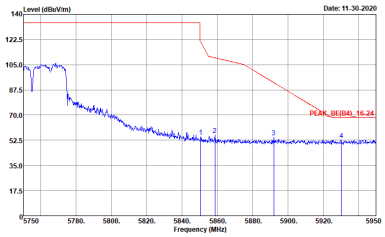
	5GHz	
ANT	VHT10 LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH02-CA Condition : QP 3m BILOG 6111D-LF_50392 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 105.66 27.19 -16.31 43.50 41.34 16.57 1.57 32.42 --- --- Peak 2 186.17 27.48 -16.02 43.50 42.85 14.80 2.09 32.41 --- --- Peak 3 243.40 33.75 -12.25 46.00 45.87 17.74 2.40 32.41 --- --- Peak 4 284.14 32.57 -13.43 46.00 43.36 18.90 2.58 32.43 --- --- Peak 5 470.38 29.97 -16.03 46.00 35.56 23.40 3.31 32.56 --- --- Peak 6 716.80 38.01 -7.99 46.00 39.04 26.97 4.08 32.52 100 0 Peak	 Site : 03CH02-CA Condition : QP 3m BILOG 6111D-LF_50392 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch166 Plane : Y with Adapter Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 34.85 27.93 -12.07 40.00 36.81 22.58 0.91 32.44 --- --- Peak 2 105.66 32.18 -11.32 43.50 46.33 16.57 1.57 32.42 --- --- Peak 3 218.18 29.94 -16.06 46.00 44.81 15.12 2.26 32.41 --- --- Peak 4 476.20 28.91 -17.09 46.00 34.48 23.42 3.33 32.57 --- --- Peak 5 537.31 33.03 -12.97 46.00 37.67 24.19 3.52 32.61 --- --- Peak 6 716.80 38.78 -7.22 46.00 39.81 26.97 4.08 32.52 100 0 Peak

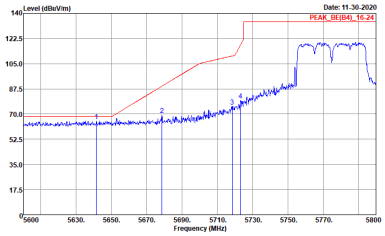
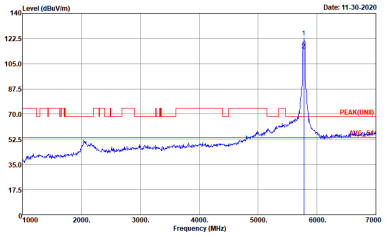
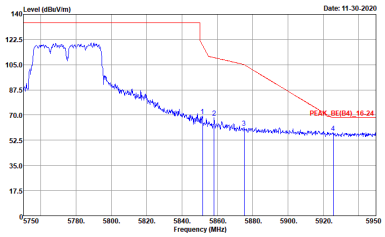
<Multi Carrier (Contiguous)>

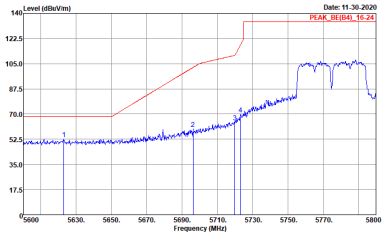
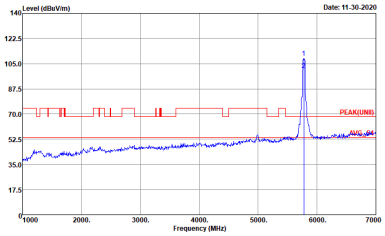
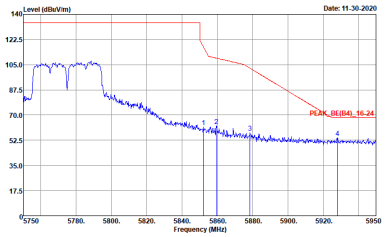
Band 4 - 5725~5850MHz

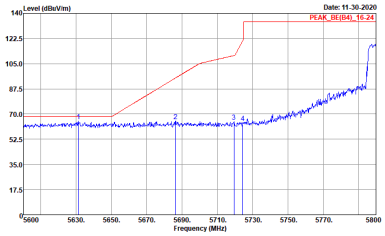
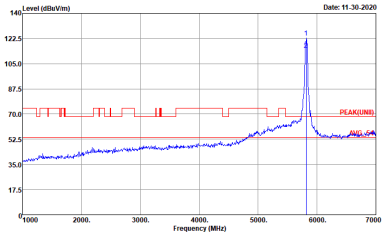
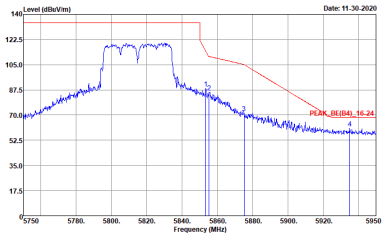
(Band Edge @ 3m)

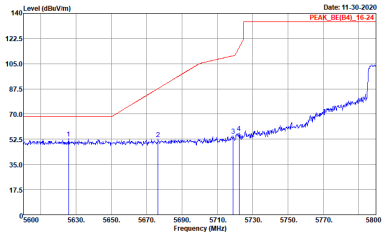
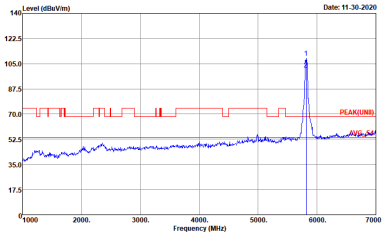
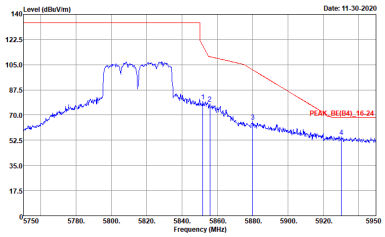
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH153 5765MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Plane : Y with Adapter	Left blank

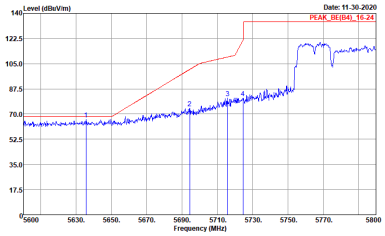
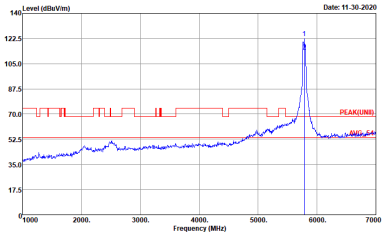
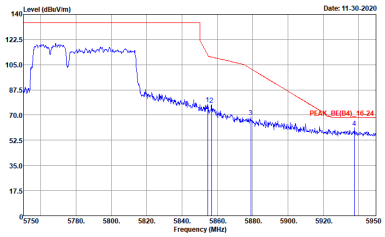
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH153 5765MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Plane : Y with Adapter	Left blank

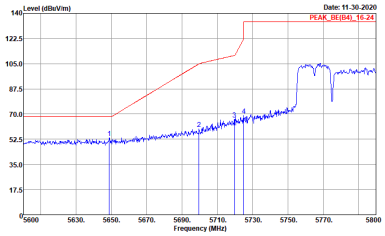
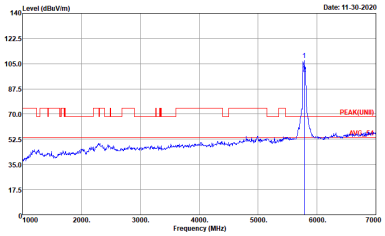
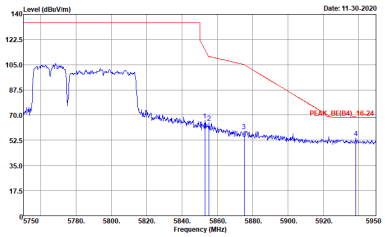
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH153 5765MHz + VHT20 CH157 5785MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Plane : Y with Adapter	Left blank

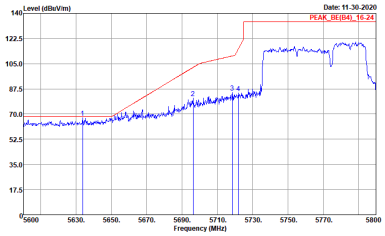
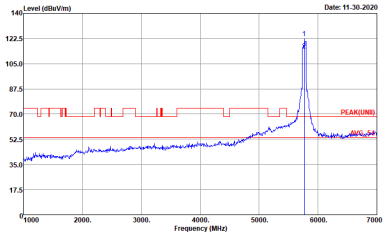
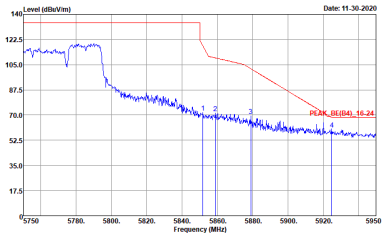
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH153 5765MHz + VHT20 CH157 5785MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Plane : Y with Adapter	Left blank

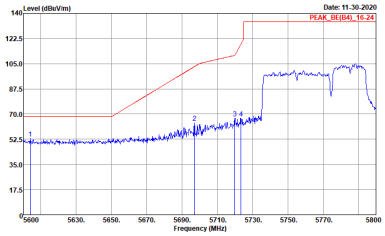
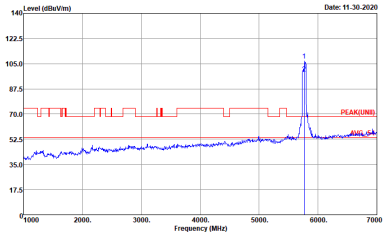
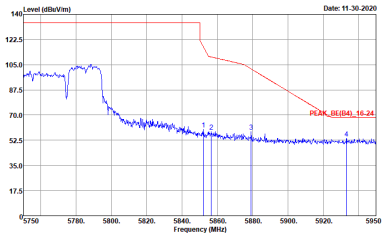
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH161 5805MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Plane : Y with Adapter	Left blank

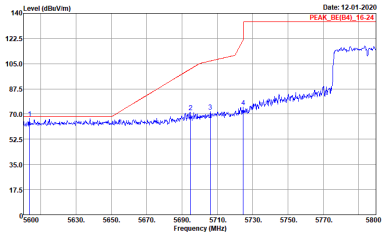
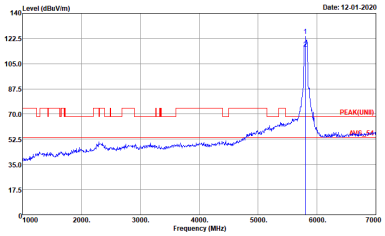
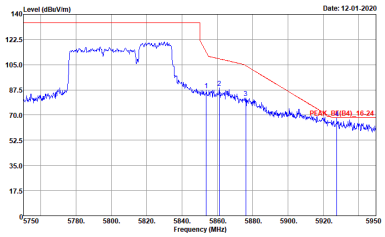
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH161 5805MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Plane : Y with Adapter	Left blank

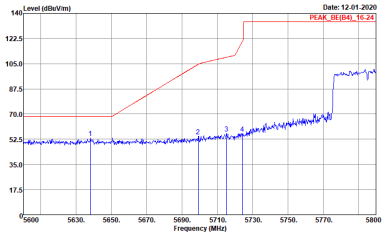
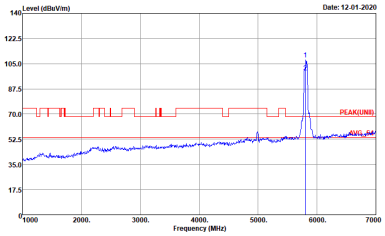
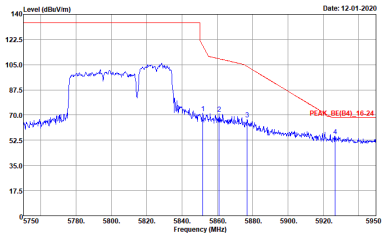
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH153 5765MHz + VHT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(40)_Tx_Ch159 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(40)_Tx_Ch159 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(40)_Tx_Ch159 Plane : Y with Adapter	Left blank

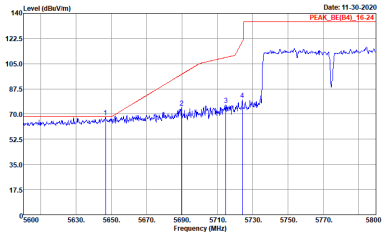
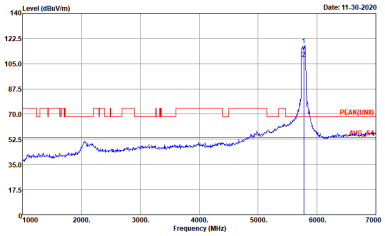
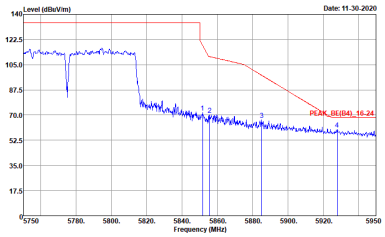
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH153 5765MHz + VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(40)_Tx_Ch159 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(40)_Tx_Ch159 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(40)_Tx_Ch159 Plane : Y with Adapter	Left blank

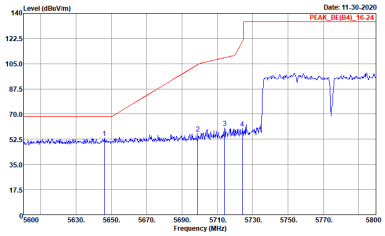
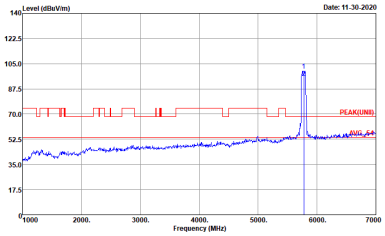
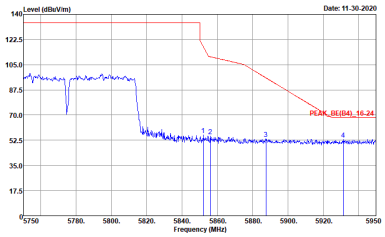
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH157 5785MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 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(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Plane : Y with Adapter	Left blank

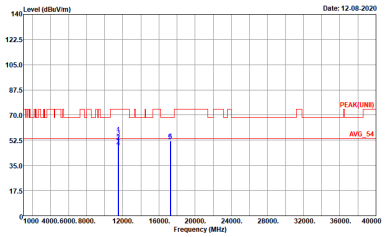
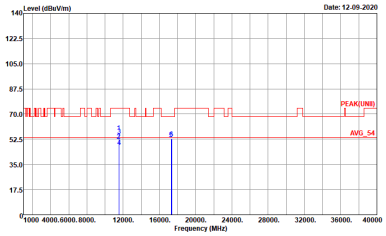
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH159 5795MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159+11ac(20)_Tx_Ch165 Plane : Y with Adapter	Left blank

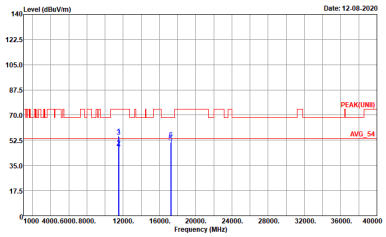
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH159 5795MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch159+11ac(20)_Tx_Ch165 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 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Plane : Y with Adapter	Left blank

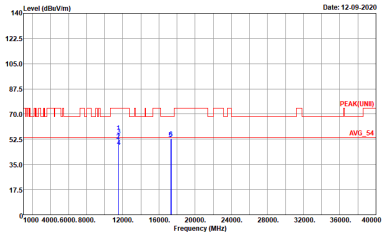
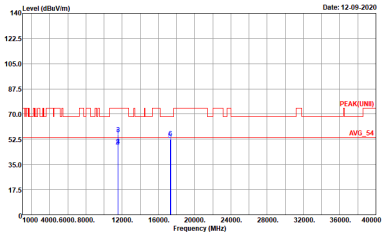
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Plane : Y with Adapter	Left blank

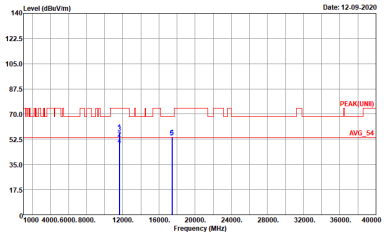
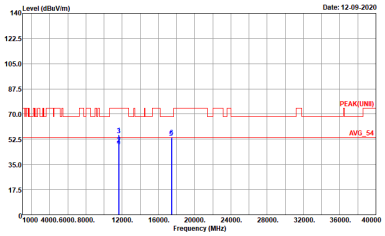
Band 4 - 5725~5850MHz
(Harmonic @ 3m)

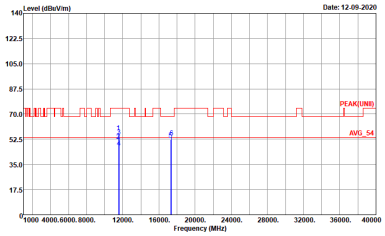
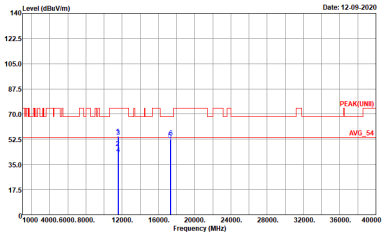
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH153 5765MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Plane : Y with Adapter

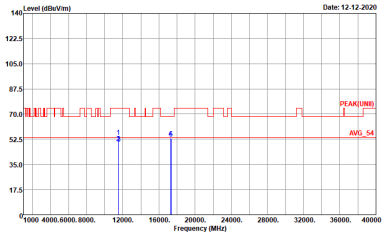
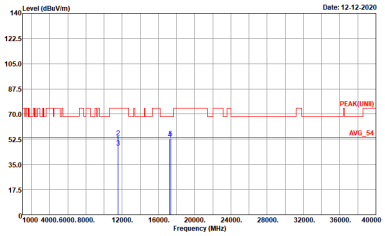


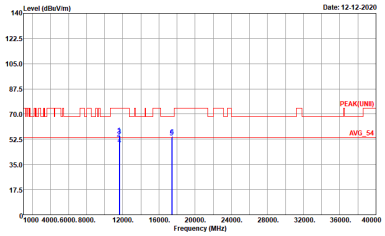
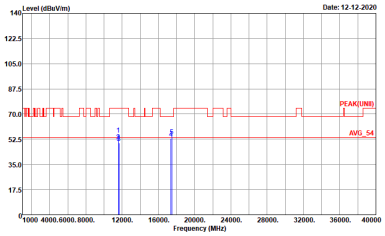
Site : 03CH02-CA
Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL
Detector : Peak
Project : 201029001
Power : AVR Power 120Vac/60Hz
EUT : RN System 56Hz AP
Model : 61RN5A51002
SN : S128T1204100031
Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch153
Plane : Y with Adapter

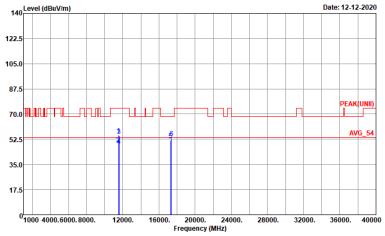
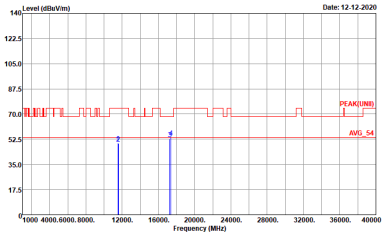
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH153 5765MHz + VHT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch157 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(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch161+11ac(20)_Tx_Ch165 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(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(40)_Tx_Ch159 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(40)_Tx_Ch159 Plane : Y with Adapter

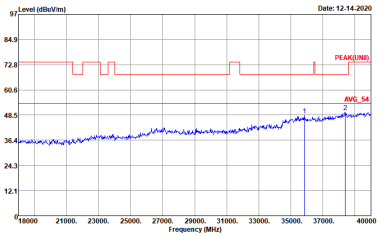
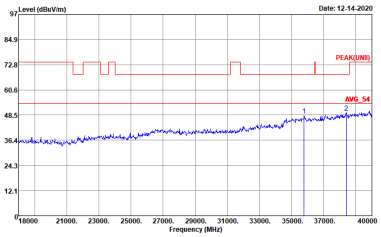
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch157 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(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch159+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch159+11ac(20)_Tx_Ch165 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(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128TI204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Setting : atten 6, ADAK-1.25 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128TI204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Setting : atten 6, ADAK-1.25 Plane : Y with Adapter

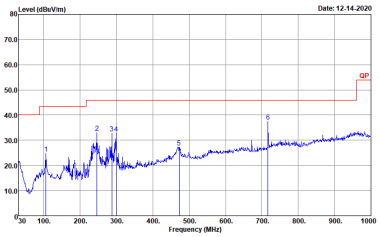
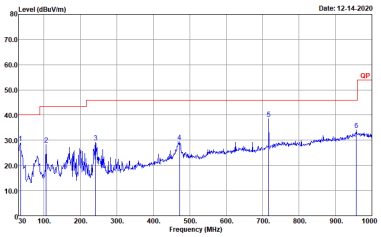
Emission above 18GHz

5GHz (SHF)

	5GHz	
ANT	SHF	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 1m HORN 9170-SHF_00842 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Plane : Y with Adapter Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 35842.00 48.32 -19.88 68.20 38.32 42.60 31.52 54.58 150 0 Peak 2 38394.00 49.91 -18.29 68.20 37.51 44.29 32.58 54.93 150 0 Peak	 Site : 03CH02-CA Condition : PEAK(UNII) 1m HORN 9170-SHF_00842 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Plane : Y with Adapter Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 35776.00 48.42 -19.78 68.20 38.31 42.68 31.48 54.51 150 0 Peak 2 38416.00 49.62 -18.58 68.20 37.60 43.92 32.58 54.94 150 0 Peak

Emission below 1GHz

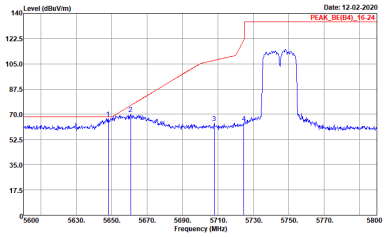
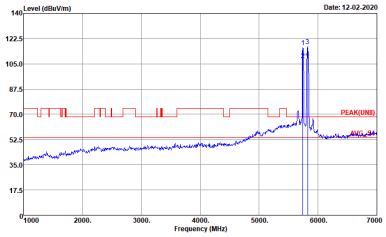
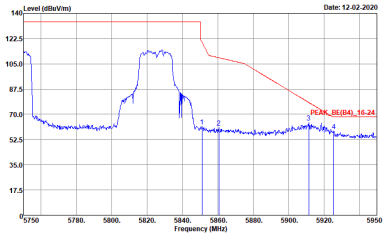
5GHz (LF)

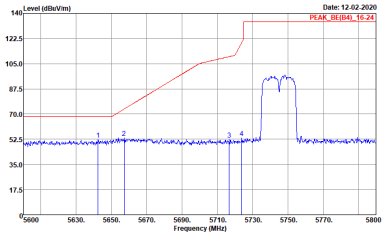
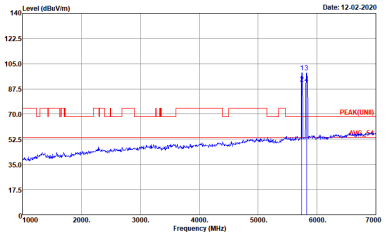
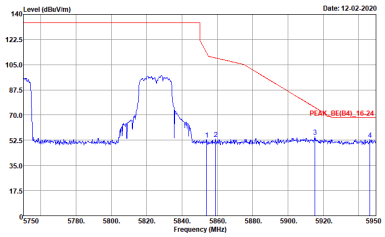
	5GHz	
ANT	LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH02-CA Condition : QP 3m BILOG 6111D-LF_50392 HORIZONTAL : RBW:120.000KHz VBW:300.000KHz SWT:0.500sec Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Plane : Y with Adapter 1 105.66 24.74 -18.76 43.50 38.89 16.57 1.57 32.42 --- --- Peak 2 246.31 33.04 -12.96 46.00 44.76 18.13 2.41 32.41 --- --- Peak 3 287.05 32.82 -13.18 46.00 43.59 18.91 2.59 32.43 --- --- Peak 4 299.66 32.74 -13.26 46.00 43.17 19.20 2.65 32.44 --- --- Peak 5 472.32 27.25 -18.75 46.00 32.84 23.40 3.31 32.56 --- --- Peak 6 716.80 37.47 -8.53 46.00 38.50 26.97 4.08 32.52 100 0 Peak	 Site : 03CH02-CA Condition : QP 3m BILOG 6111D-LF_50392 VERTICAL : RBW:120.000KHz VBW:300.000KHz SWT:0.500sec Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(40)_Tx_Ch159 Plane : Y with Adapter 1 35.82 28.92 -11.08 40.00 38.20 22.17 0.92 32.44 --- --- Peak 2 105.66 28.27 -15.23 43.50 42.42 16.57 1.57 32.42 --- --- Peak 3 241.46 29.10 -16.90 46.00 41.52 17.45 2.39 32.41 --- --- Peak 4 472.32 29.53 -16.47 46.00 35.12 23.40 3.31 32.56 --- --- Peak 5 716.80 38.59 -7.41 46.00 39.62 26.97 4.08 32.52 100 0 Peak 6 957.32 34.02 -11.98 46.00 29.01 31.00 4.70 31.19 --- --- Peak

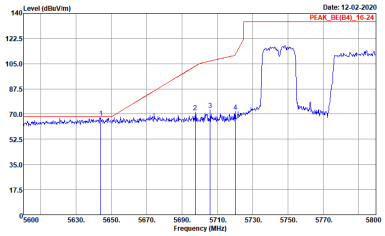
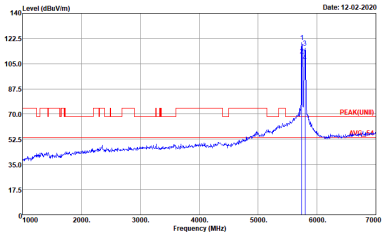
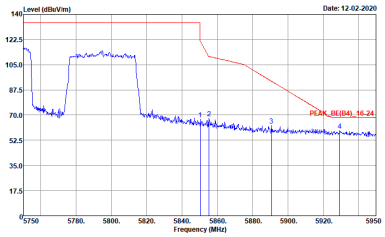
<Multi Carrier Report (Non-Contiguous)>

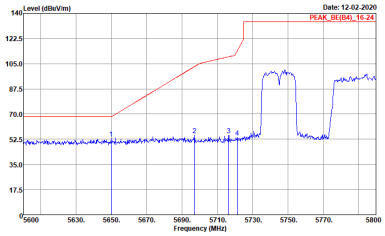
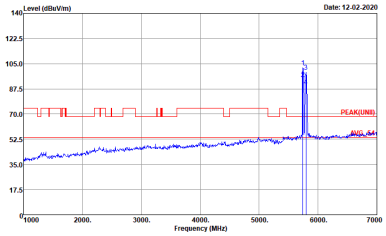
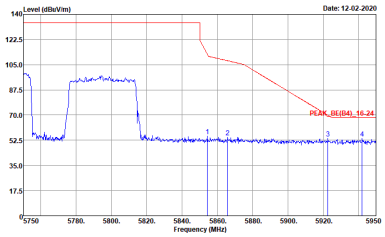
Band 4 - 5725~5850MHz

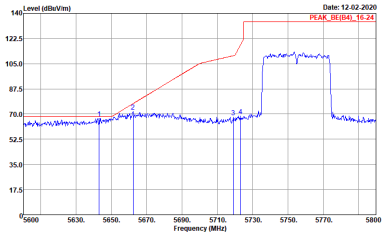
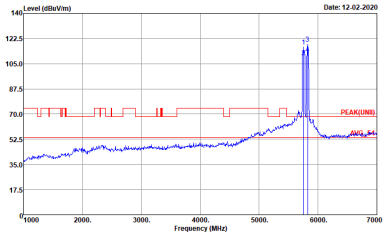
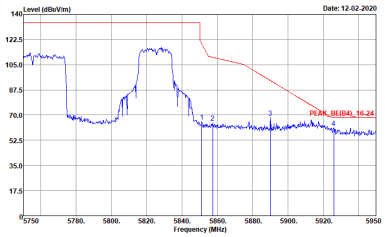
(Band Edge @ 3m)

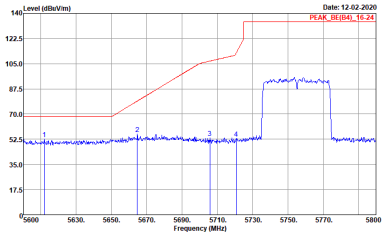
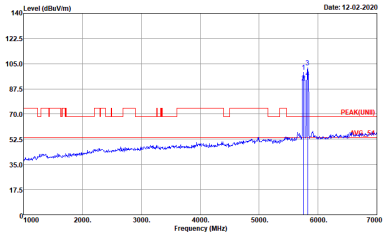
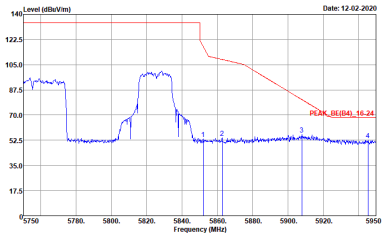
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter	Left blank

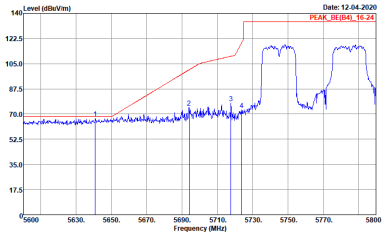
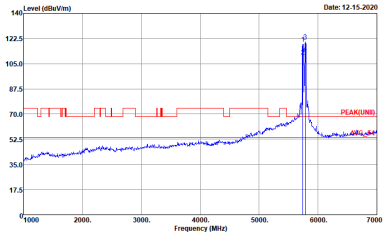
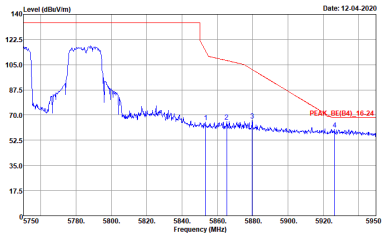
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter	Left blank

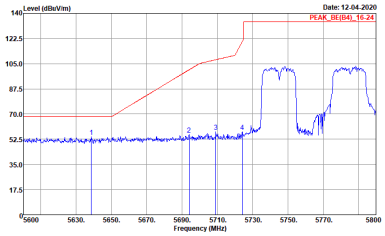
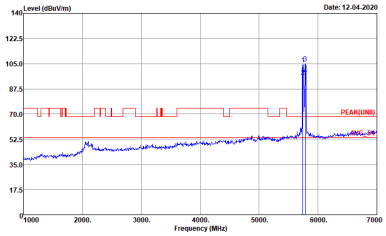
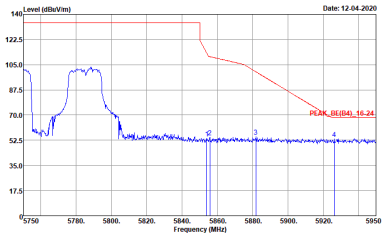
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT40 CH159 5795MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Plane : Y with Adapter	Left blank

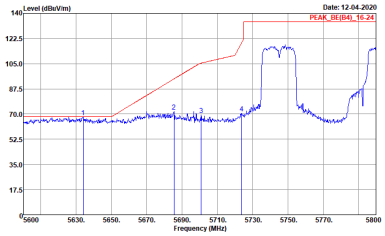
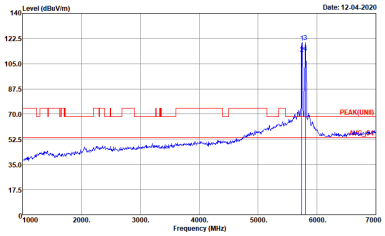
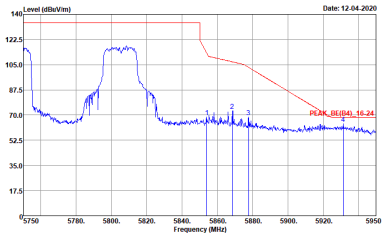
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT40 CH159 5795MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Plane : Y with Adapter	Left blank

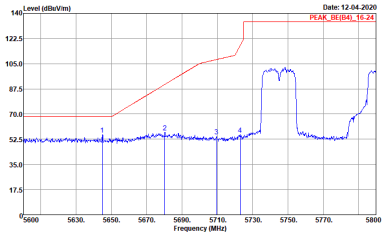
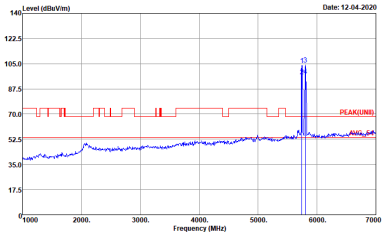
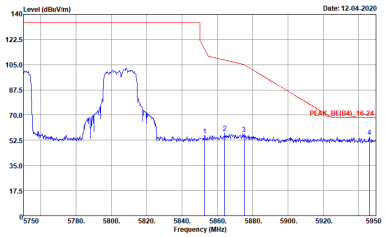
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Plane : Y with Adapter	Left blank

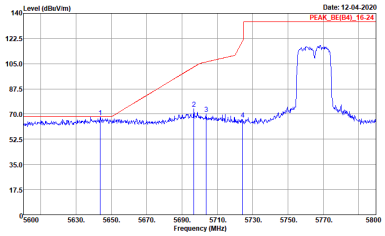
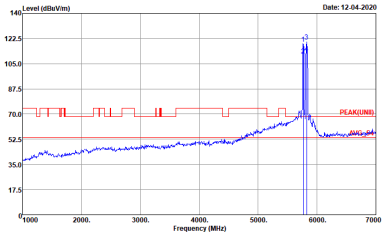
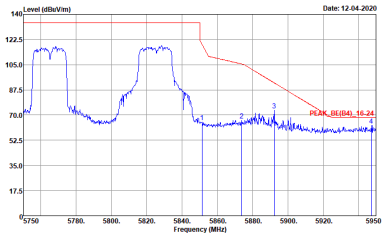
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Plane : Y with Adapter	Left blank

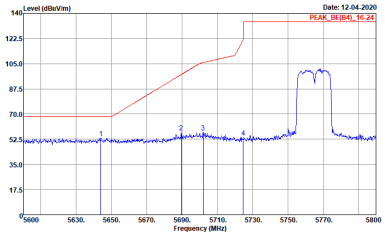
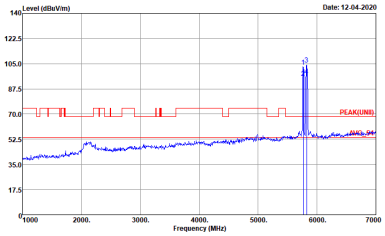
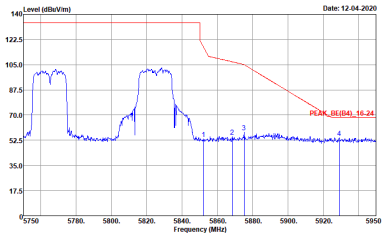
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH157 5785MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch157 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch157 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch157 Plane : Y with Adapter	Left blank

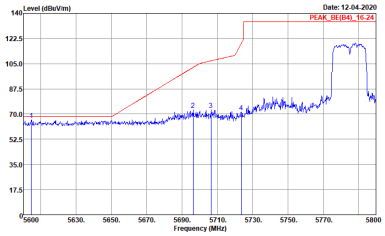
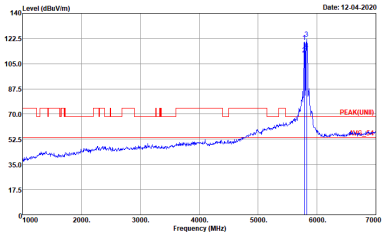
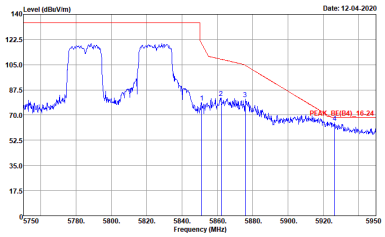
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH157 5785MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch157 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch157 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch157 Plane : Y with Adapter	Left blank

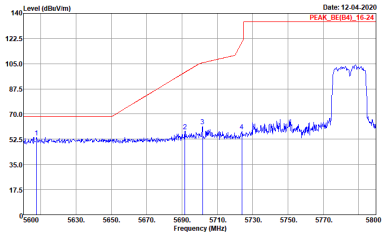
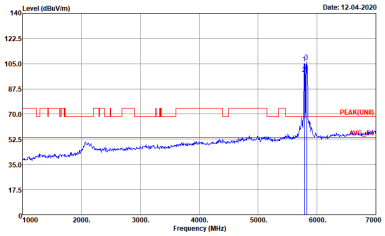
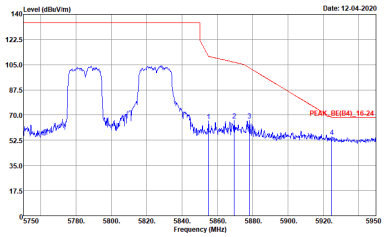
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH161 5805MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch161 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch161 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch161 Plane : Y with Adapter	Left blank

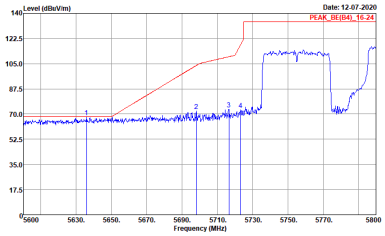
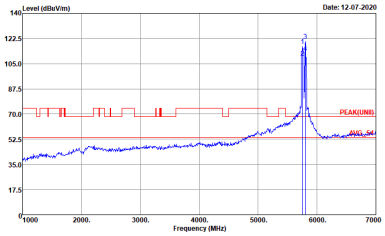
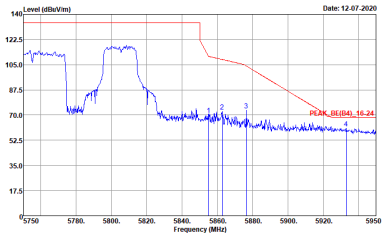
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH161 5805MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch161 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch161 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch161 Plane : Y with Adapter	Left blank

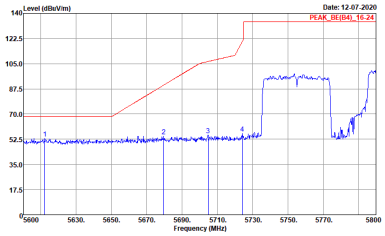
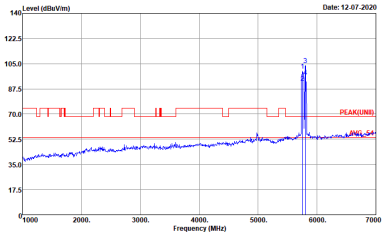
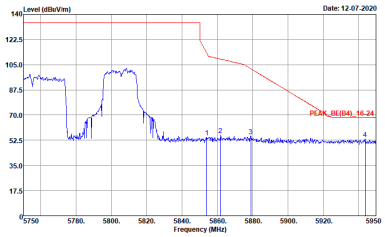
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH153 5765MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch165 Plane : Y with Adapter	Left blank

	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH153 5765MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch165 Plane : Y with Adapter	Left blank

	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH157 5785MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch157+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch157+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch157+11ac(20)_Tx_Ch165 Plane : Y with Adapter	Left blank

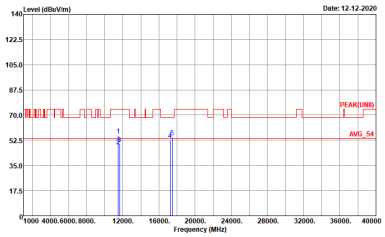
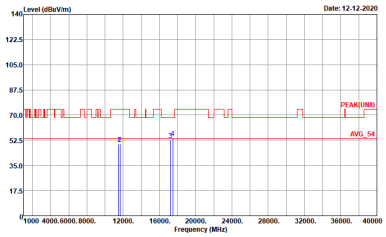
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT20 CH157 5785MHz + VHT20 CH165 5825MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch157+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch157+11ac(20)_Tx_Ch165 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch157+11ac(20)_Tx_Ch165 Plane : Y with Adapter	Left blank

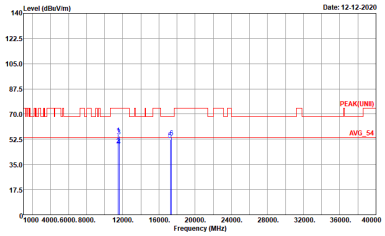
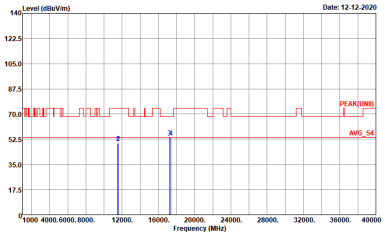
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH161 5805MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch161 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch161 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch161 Plane : Y with Adapter	Left blank

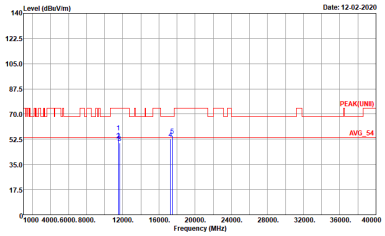
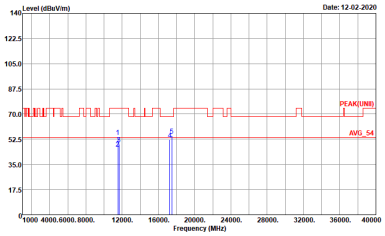
	Band 4 5725~5850MHz Band Edge @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH161 5805MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch161 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch161 Plane : Y with Adapter
Peak	 Site : 03CH02-CA Condition : PEAK_BE(B4)_16-24 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch161 Plane : Y with Adapter	Left blank

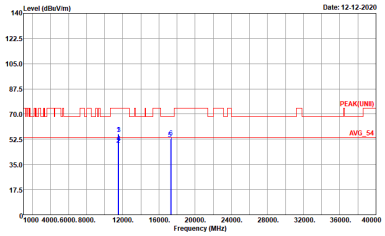
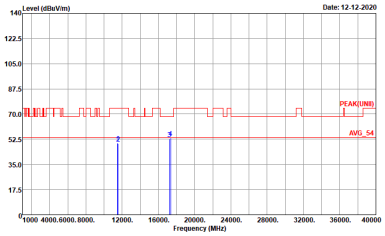
Band 4 - 5725~5850MHz

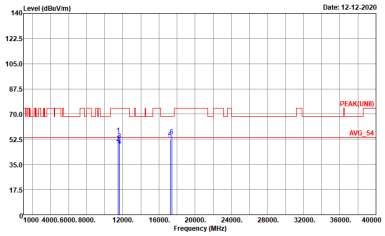
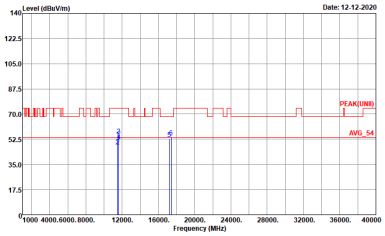
(Harmonic @ 3m)

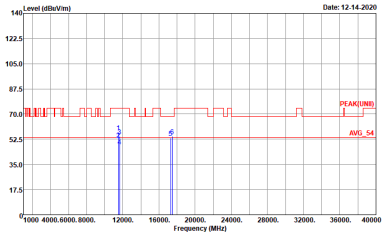
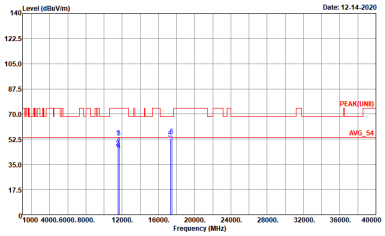
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter

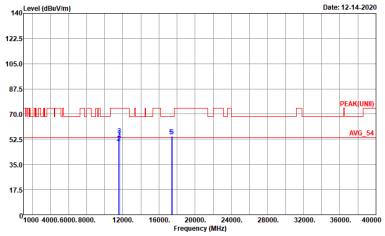
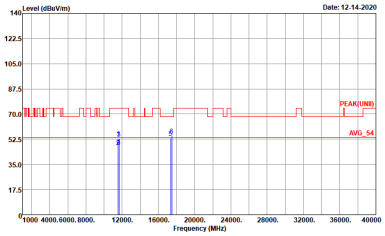
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH149 5745MHz + VHT40 CH159 5795MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(40)_Tx_Ch159 Plane : Y with Adapter

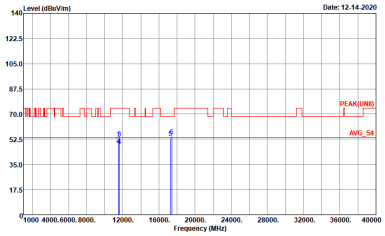
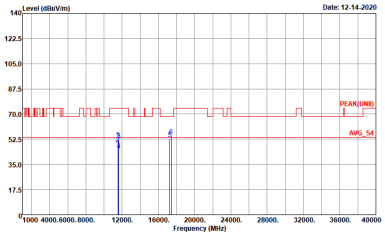
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : 5128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch165 Plane : Y with Adapter

	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH157 5785MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch157 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch157 Plane : Y with Adapter

	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH149 5745MHz + VHT20 CH161 5805MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch161 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch161 Plane : Y with Adapter

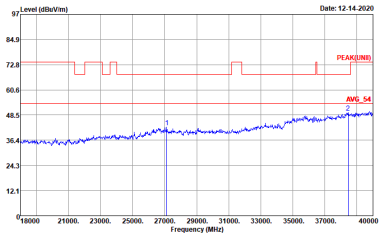
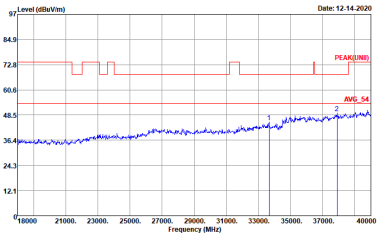
	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH153 5765MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch153+11ac(20)_Tx_Ch165 Plane : Y with Adapter

	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT20 CH157 5785MHz + VHT20 CH165 5825MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch157+11ac(20)_Tx_Ch165 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5ASI002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch157+11ac(20)_Tx_Ch165 Plane : Y with Adapter

	Band 4 5725~5850MHz Harmonic @ 3m	
ANT	VHT40 CH151 5755MHz + VHT20 CH161 5805MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch161 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RN5ASI002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch151+11ac(20)_Tx_Ch161 Plane : Y with Adapter

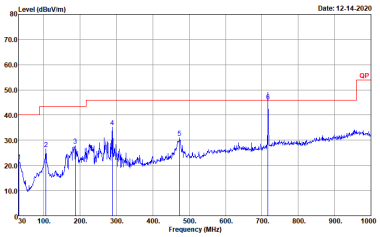
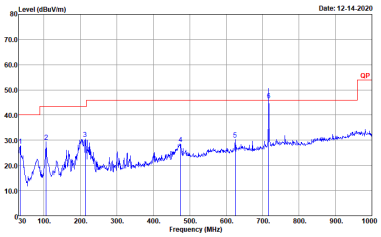
Emission above 18GHz

5GHz (SHF)

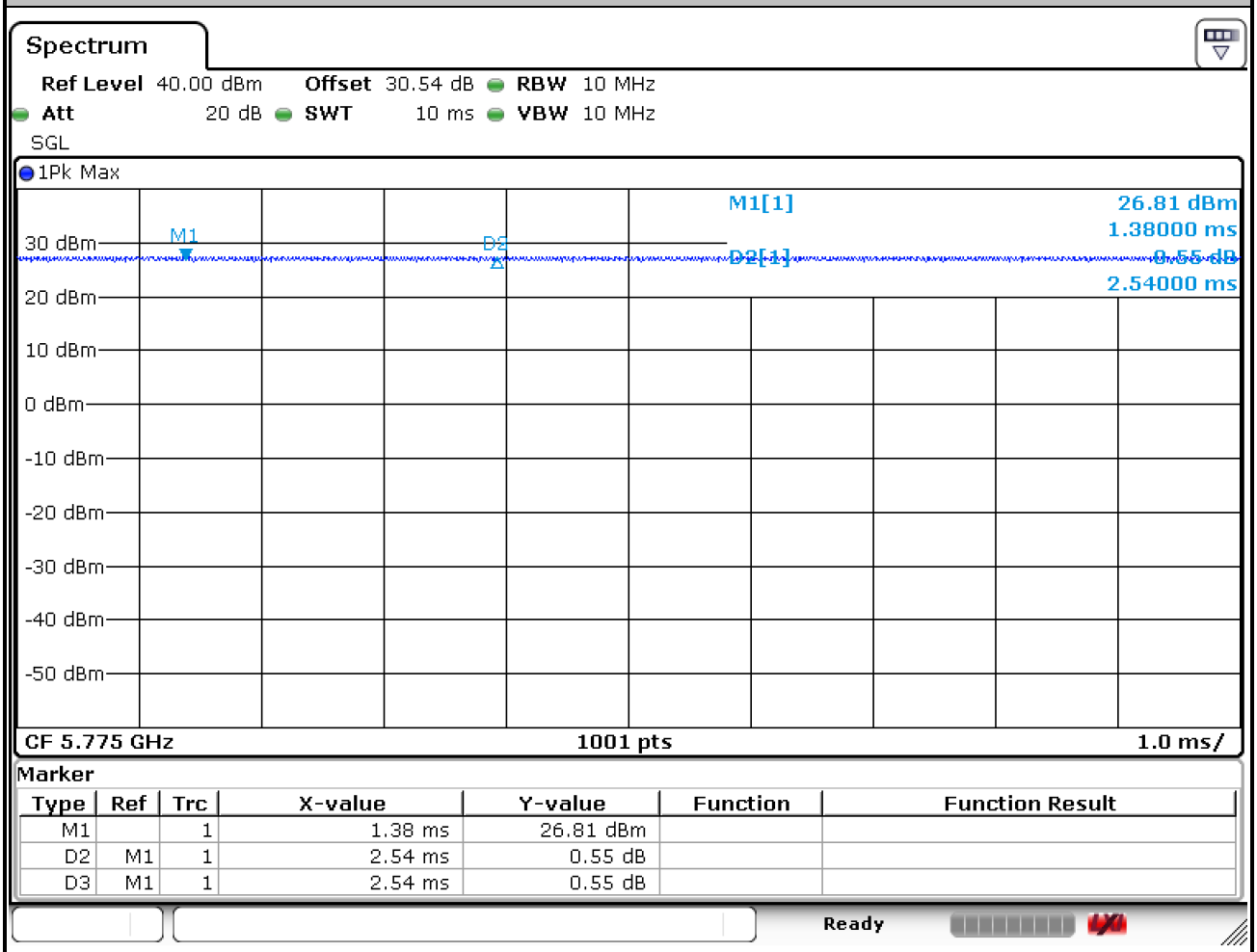
	5GHz	
ANT	SHF	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 1m HORN 9170-SHF_00842 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN54S1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter Freq Level Over Limit Limit Line ReadAntenna Level Cable Loss Preamp Factor Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 27130.00 42.60 -25.60 68.20 37.75 39.52 26.85 51.98 150 0 Peak 2 38460.00 49.63 -18.57 68.20 37.18 44.34 32.60 54.95 150 0 Peak	 Site : 03CH02-CA Condition : PEAK(UNII) 1m HORN 9170-SHF_00842 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN54S1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter Freq Level Over Limit Limit Line ReadAntenna Level Cable Loss Preamp Factor Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 33664.00 45.04 -23.16 68.20 36.66 41.20 30.33 53.61 150 0 Peak 2 37888.00 49.38 -18.82 68.20 37.66 43.70 32.40 54.84 150 0 Peak

Emission below 1GHz

5GHz (LF)

	5GHz	
ANT	LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH02-CA Condition : QP 3m BILOG 6111D-LF_50392 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 6IRN5A51002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter 1 31.94 21.65 -18.35 40.00 29.23 23.95 0.86 32.44 --- --- Peak 2 105.66 26.52 -16.98 43.50 40.67 16.57 1.57 32.42 --- --- Peak 3 187.14 27.92 -15.58 43.50 43.29 14.80 2.09 32.41 --- --- Peak 4 288.99 35.23 -10.77 46.00 45.90 19.00 2.60 32.43 --- --- Peak 5 473.29 30.97 -15.03 46.00 36.57 23.40 3.32 32.57 --- --- Peak 6 716.80 45.57 -0.43 46.00 46.60 26.97 4.08 32.52 109 60 QP	 Site : 03CH02-CA Condition : QP 3m BILOG 6111D-LF_50392 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 6IRN5A51002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch149+11ac(20)_Tx_Ch165 Plane : Y with Adapter 1 34.85 27.88 -12.12 40.00 36.76 22.58 0.91 32.44 --- --- Peak 2 105.66 29.38 -14.12 43.50 43.53 16.57 1.57 32.42 --- --- Peak 3 213.33 30.47 -13.03 43.50 45.57 14.90 2.24 32.40 --- --- Peak 4 474.26 28.57 -17.43 46.00 34.17 23.40 3.32 32.57 --- --- Peak 5 624.61 30.30 -15.70 46.00 32.68 26.18 3.79 32.62 --- --- Peak 6 716.80 45.87 -0.13 46.00 46.90 26.97 4.08 32.52 111 10 QP

Appendix E. Duty Cycle Plots

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

Duty cycle plot for 10MHz, 5775MHz