



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 Jan. 04, 2021. We, Sporton International (USA) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International (USA) Inc., the test report shall not be reproduced except in full.

Approved by: Neil Kao

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

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History of this test report

Report No.	Version	Description	Issued Date
FR201029001A	01	Initial issue of report	Dec. 31, 2020
FR201029001A	02	1. Revise FCC ID 2. Add section 3.7.3 3. Revise conducted output power in appendix A	Jan. 06, 2021

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403 (i)	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 0.15 dB at 5149.760 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)
5150-5250 MHz Band 1 (U-NII-1)	35	5175	43	5215
	36*	5180	44*	5220
	37	5185	45	5225
	38 [#]	5190	46 [#]	5230
	39	5195	47	5235
	40*	5200	48*	5240
	41	5205	49	5245
	42	5210		

Remark:

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

2.2 Test Mode

Single Carrier

Frequency Band	Bandwidth (MHz)	Low channel Frequency (MHz)	Middle channel Frequency (MHz)	High channel Frequency (MHz)
5150-5250 MHz (U-NII-1)	10	5175	5210	5245
	20	5180	5200	5240
	40	5190	N/A	5230

Multi Carrier (Contiguous)

Frequency Band	Bandwidth (MHz)	Low channel Frequency (MHz)	Middle channel Frequency (MHz)	High channel Frequency (MHz)
5150-5250 MHz (U-NII-1)	20 + 20	5180 + 5200	5200 + 5220	5220 + 5240
	20 + 40	N/A	5200 + 5230	N/A
	40 + 20	N/A	5190 + 5220	N/A
	40 + 40	N/A	5190 + 5230	N/A

Multi Carrier (Non-Contiguous)

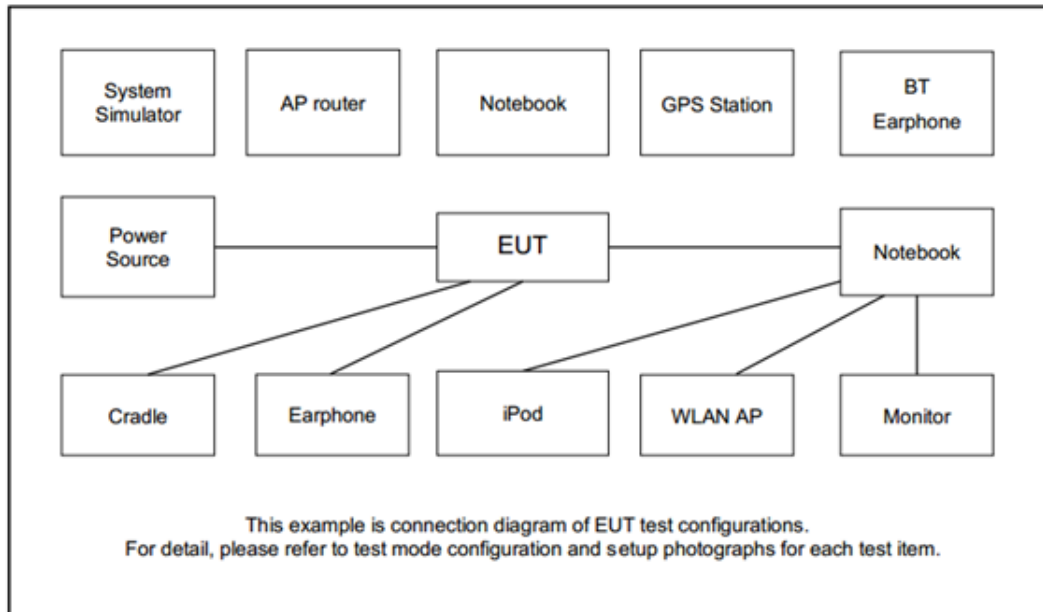
Frequency Band	Bandwidth (MHz)	Low channel Frequency (MHz)	+	High channel Frequency (MHz)
5150-5250 MHz (U-NII-1)	20 + 20	5180	+	5240
	20 + 40	5180	+	5230
	40 + 20	5190	+	5240

Test Cases

AC Conducted Emission	Mode 1 : WLAN (5GHz) TX + RJ45 (Load) + POE Adapter
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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.

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

3 Test Result

3.1 26dB and 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB and 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

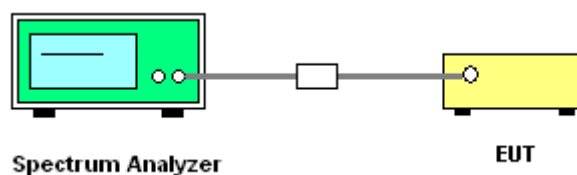
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

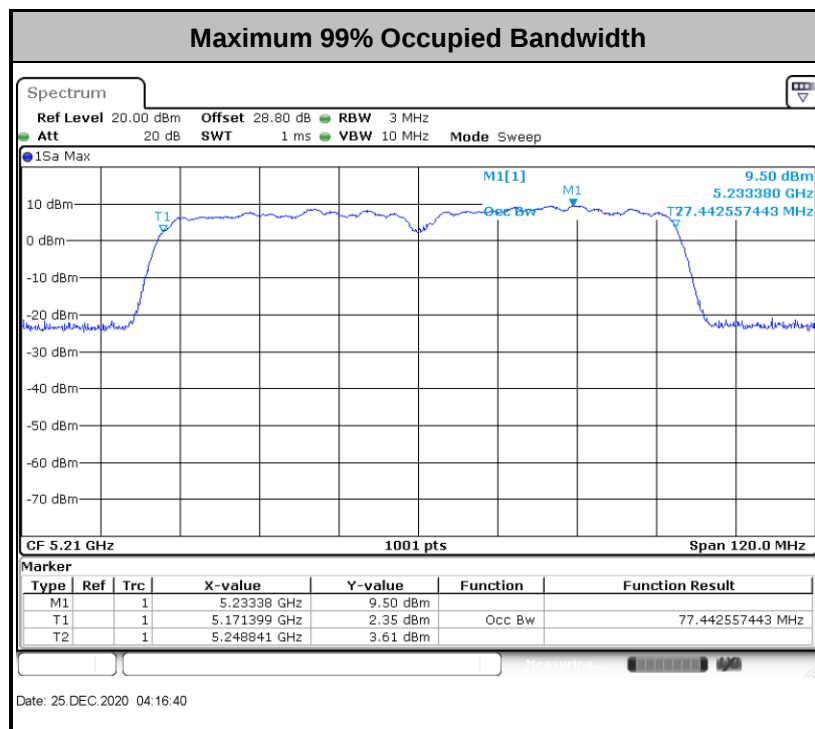
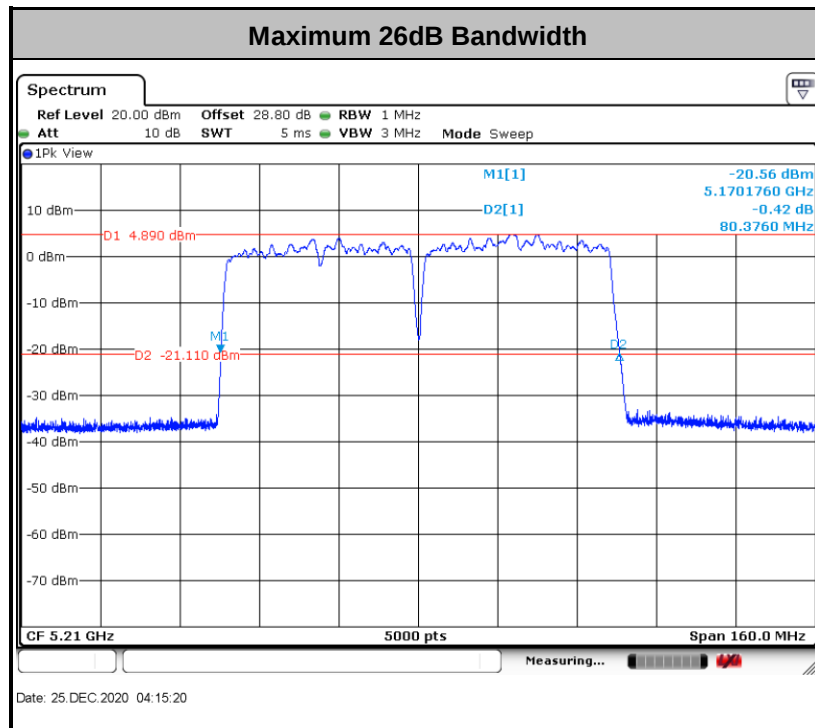
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
2. Set center frequency to the nominal EUT channel center frequency.
3. Set span = 1.5 times to 5.0 times the OBW.
4. Set RBW = 1% to 5% of the OBW
5. Set the VBW $\geq 3 \times$ RBW.
6. Detector = Peak.
7. Trace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

3.1.4 Test Setup



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

Please refer to Appendix A.



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

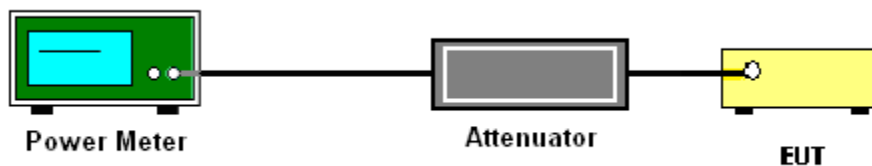
3.2.3 Test Procedures

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

<FCC 14-30 CFR 15.407>

For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density.

3.3.1 Measuring Instruments

See list of measuring equipment of this test report.

3.3.2 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).

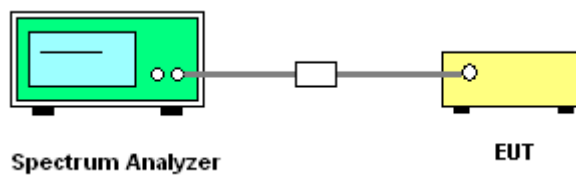
- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1MHz.
 - Set VBW = 3MHz.
 - Number of points in sweep $\geq 2 \text{ Span} / \text{RBW}$.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PSD and record it.

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

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

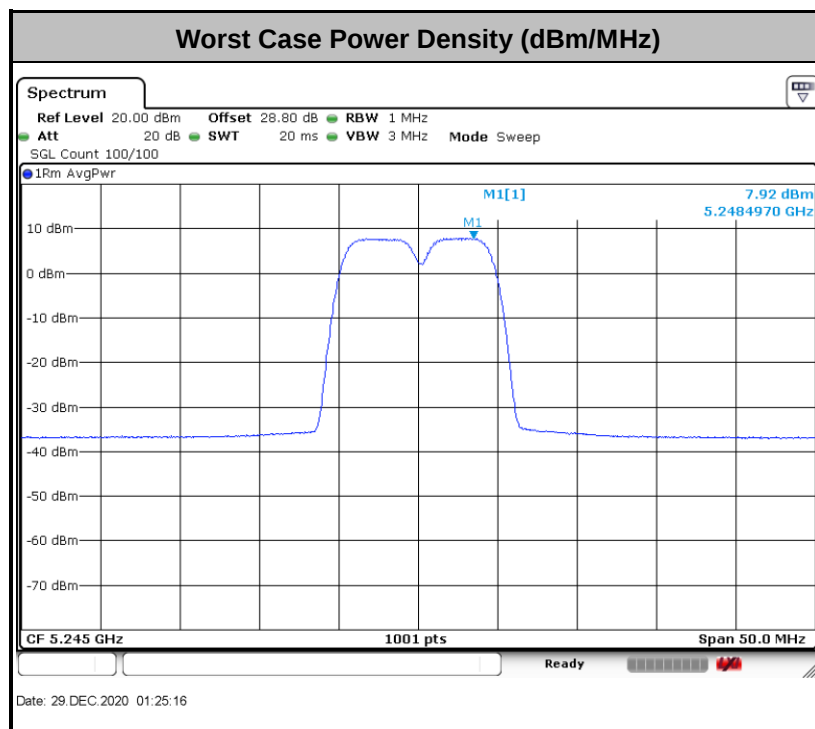
With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity $10 \log(N_{\text{ANT}})$ dB is added to each spectrum value before comparing to the emission limit. The addition of $10 \log(N_{\text{ANT}})$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

3.3.3 Test Setup



3.3.4 Test Result of Power Spectral Density

Please refer to Appendix A.



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27dBm/MHz.
- (1) Unwanted spurious emissions fallen in restricted bands shall comply with the general field strength limits as below table,

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

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

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

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

- (3) KDB789033 D02 v02r01 G)2)c)
 - (i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.

3.4.2 Measuring Instruments

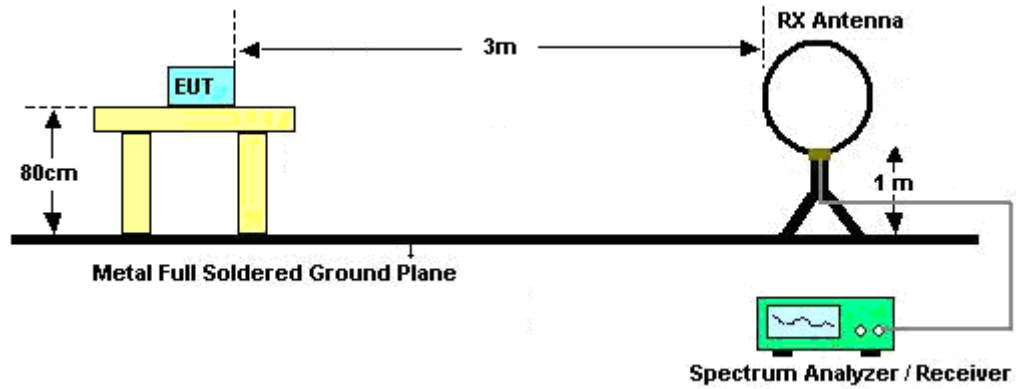
See list of measuring equipment of this test report.

3.4.3 Test Procedures

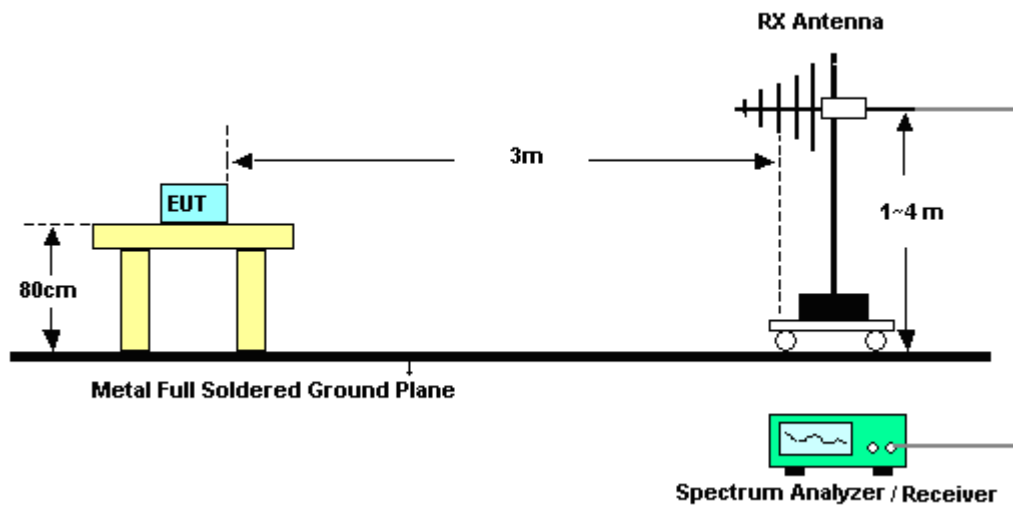
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
(1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
(2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

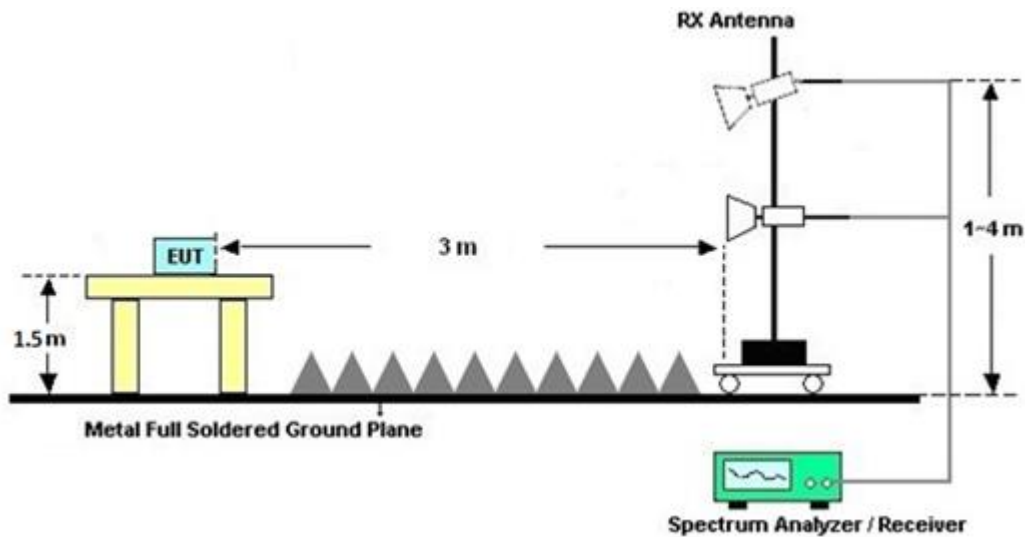
For radiated emissions below 30MHz



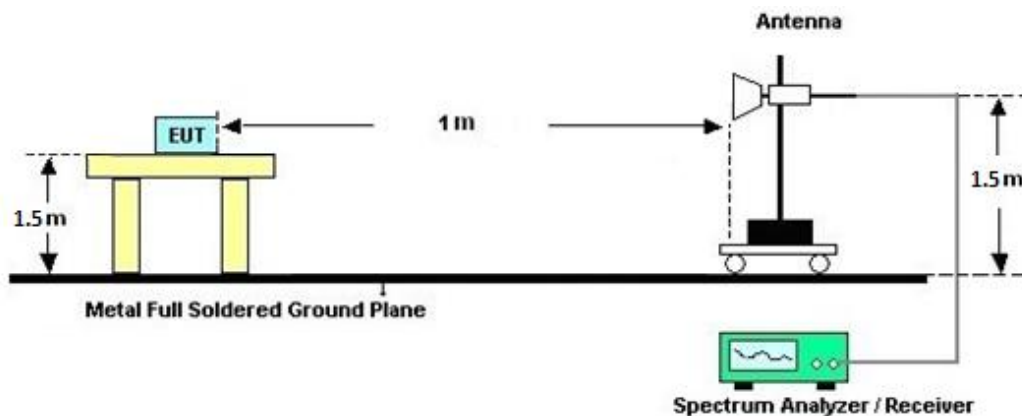
For radiated emissions from 30MHz to 1GHz



For radiated emissions from 1GHz to 18GHz



For radiated emissions above 18GHz



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

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

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

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix C and D.



3.4.7 Duty Cycle

Please refer to Appendix E.

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

Please refer to Appendix C and D.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

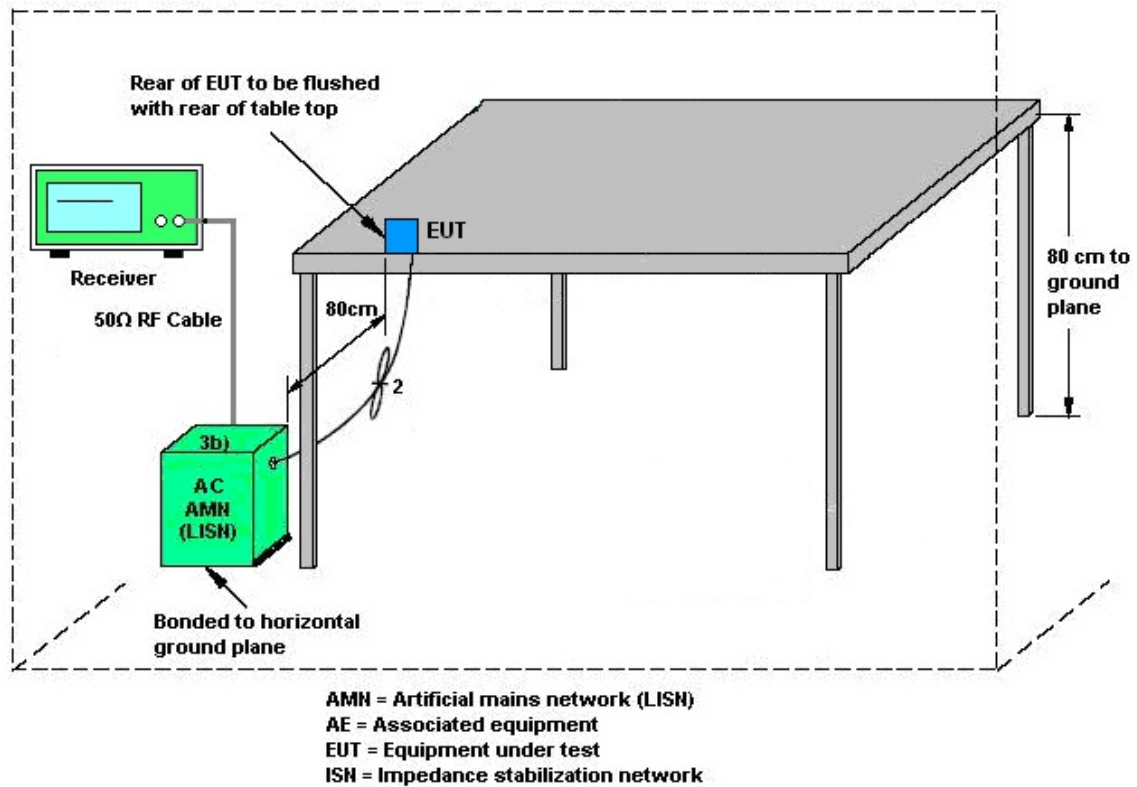
3.5.2 Measuring Instruments

See list of measuring equipment of this test report.

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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



3.7 Antenna Requirements

3.7.1 Standard Applicable

EUT is a fixed point-to-point U-NII devices operating in U-NII-3 band, which is employ transmitting antennas with directional gain less than 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density.

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-1 is 13.5dBi, the MIMO directional gain is 22.5dBi



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	Nov. 23, 2020~ Jan. 04, 2021	Aug. 04, 2021	Conducted (TH01-CA)
Power Sensor	DARE	RPR3006W	RPR6W-1901 026	10MHz-6GHz	Jun. 24, 2020	Nov. 23, 2020~ Jan. 04, 2021	Jun. 23, 2021	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV13	101559	10Hz-13.6GHz	Jun. 17, 2020	Nov. 23, 2020~ Jan. 04, 2021	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	Dec. 15, 2020~ Dec. 28, 2020	Jul. 28, 2021	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	01895	1GHz~18GHz	Aug. 28, 2020	Dec. 15, 2020~ Dec. 28, 2020	Aug. 27, 2021	Radiation (03CH02-CA)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00842	18GHz~40GHz	Jul. 27, 2020	Dec. 15, 2020~ Dec. 28, 2020	Jul. 26, 2021	Radiation (03CH02-CA)
Preamplifier	SONOMA	310N	372240	N/A	Aug. 12, 2020	Dec. 15, 2020~ Dec. 28, 2020	Aug. 11, 2021	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	Jul. 28, 2020	Dec. 15, 2020~ Dec. 28, 2020	Jul. 27, 2021	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18 G-56-01-A70	EC1900251	N/A	Nov. 26, 2019	Dec. 15, 2020~ Dec. 28, 2020	Nov. 25, 2021	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18G-40G	Aug. 07, 2020	Dec. 15, 2020~ Dec. 28, 2020	Aug. 06, 2021	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY57420221	10Hz~44GHz	Sep. 11, 2020	Dec. 15, 2020~ Dec. 28, 2020	Sep. 10, 2021	Radiation (03CH02-CA)
EMI Test Receiver	Rohde & Schwarz	ESU26	100049	20Hz~26.5GHz	Aug. 11, 2020	Dec. 15, 2020~ Dec. 28, 2020	Aug. 10, 2021	Radiation (03CH02-CA)
Hygrometer	TESTO	608-H1	45142602	N/A	Aug. 05, 2020	Dec. 15, 2020~ Dec. 28, 2020	Aug. 04, 2021	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Dec. 15, 2020~ Dec. 28, 2020	N/A	Radiation (03CH02-CA)

5 Uncertainty of Evaluation

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

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

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

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

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

Test Engineer :	Andy Kao	Temperature :	16.1~22.6°C
		Relative Humidity :	31.6~48.2%

26dB Bandwidth (Reporting Only)

26dB BW	Low	Middle	High
Single Carrier	MHz	MHz	MHz
10MHz	11.37	11.37	11.38
20MHz	20.41	20.42	20.44
40MHz	39.65	N/A	39.61

26dB BW	Low	Middle	High
Multi Carrier (Contiguous)	MHz	MHz	MHz
20 + 20MHz	43.36	42.75	43.00
20 + 40MHz	N/A	60.38	N/A
40 + 20MHz	N/A	62.21	N/A
40 + 40MHz	N/A	80.38	N/A

26dB BW	Low	+	High	Total
Multi Carrier (Non-Contiguous)	MHz		MHz	MHz
20 + 20MHz	20.42	N/A	25.12	45.54
20 + 40MHz	20.42	N/A	40.88	61.30
40 + 20MHz	39.68	N/A	25.13	64.81

99% Occupied Bandwidth (Reporting Only)

OBW	Low	Middle	High
Single Carrier	MHz	MHz	MHz
10MHz	9.14	9.09	9.14
20MHz	18.08	18.08	18.08
40MHz	37.36	N/A	37.26

OBW	Low	Middle	High
Multi Carrier (Contiguous)	MHz	MHz	MHz
20 + 20MHz	38.16	38.06	38.06
20 + 40MHz	N/A	58.38	N/A
40 + 20MHz	N/A	58.62	N/A
40 + 40MHz	N/A	77.44	N/A

OBW	Low	+	High	Total
Multi Carrier (Non-Contiguous)	MHz		MHz	MHz
20 + 20MHz	18.08	N/A	18.13	36.21
20 + 40MHz	18.08	N/A	37.32	55.40
40 + 20MHz	37.56	N/A	18.13	55.69

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	15.1	16.4	17.2	24.13	25.43	26.23	30	Pass
20MHz	14.8	18.4	19	23.83	27.43	28.03	30	Pass
40MHz	11.1	N/A	17.6	20.13	N/A	26.63	30	Pass

Conducted Power	Low	Middle	High	Low	Middle	High	Limit	Verdict
Multi Carrier (Contiguous)	dBm	dBm	dBm	dBm	dBm	dBm	dBm	
20 + 20MHz	13.4	16.3	19.3	22.43	25.33	28.33	30	Pass
20 + 40MHz	N/A	15.7	N/A	N/A	24.73	N/A	30	Pass
40 + 20MHz	N/A	14.5	N/A	N/A	23.53	N/A	30	Pass
40 + 40MHz	N/A	14.4	N/A	N/A	23.43	N/A	30	Pass

Conducted Power	Low	+	High	Low	+	High	Limit	Verdict
Multi Carrier (Non-Contiguous)		dBm			dBm		dBm	
20 + 20MHz		15.1			24.13		30	Pass
20 + 40MHz		14.3			23.33		30	Pass
40 + 20MHz		14.7			23.73		30	Pass

Power Spectral Density

	Single Chain			All 8 chains (+ 9.03dB)				
PSD	Low	Middle	High	Low	Middle	High	Limit	Verdict
Single Carrier	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	
10MHz	6.37	7.91	7.92	15.40	16.94	16.95	17.00	
20MHz	2.52	6.22	6.45	11.55	15.25	15.48	17.00	Pass
40MHz	-3.51	N/A	2.90	5.52	N/A	11.93	17.00	Pass

PSD	Low	Middle	High	Low	Middle	High	Limit	Verdict
Multi Carrier (Contiguous)	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	
20 + 20MHz	-1.87	1.48	4.04	7.16	10.51	13.07	17.00	Pass
20 + 40MHz	N/A	0.53	N/A	N/A	9.56	N/A	17.00	Pass
40 + 20MHz	N/A	0.51	N/A	N/A	9.54	N/A	17.00	Pass
40 + 40MHz	N/A	-2.37	N/A	N/A	6.66	N/A	17.00	Pass

PSD	Low	+	High	Low	+	High	Limit	Verdict
Multi Carrier (Non-Contiguous)	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	
20 + 20MHz	-1.04	N/A	0.18	7.99	N/A	9.21	17.00	Pass
20 + 40MHz	-1.31	N/A	-2.41	7.72	N/A	6.62	17.00	Pass
40 + 20MHz	-5.23	N/A	0.02	3.80	N/A	9.05	17.00	Pass



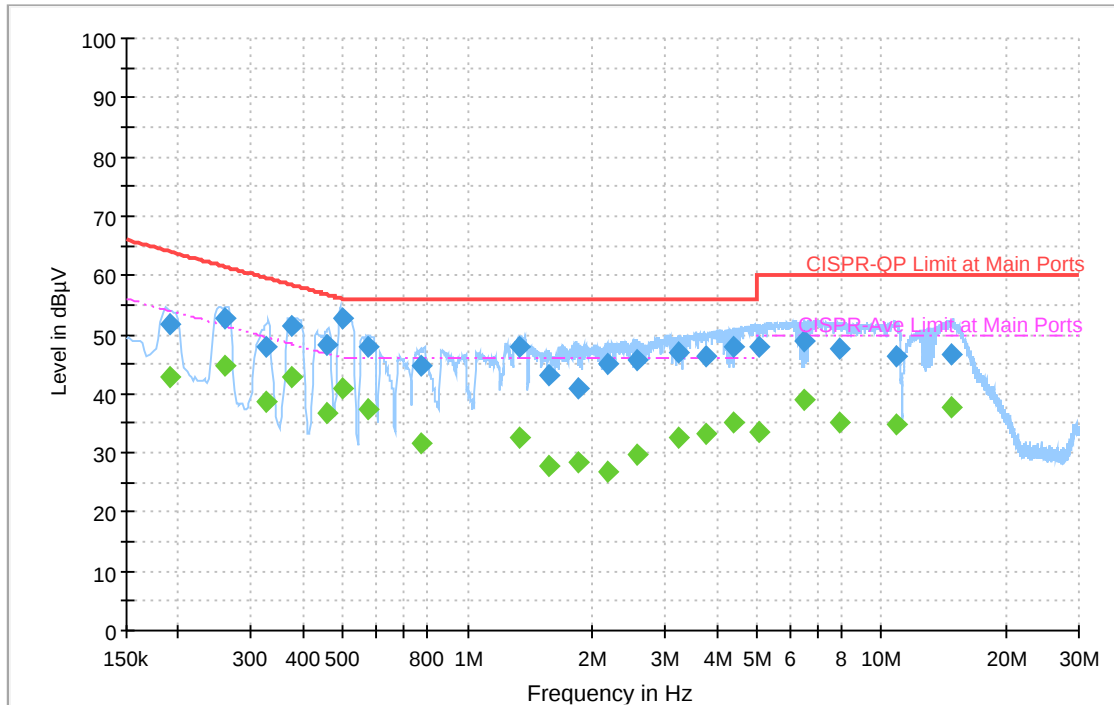
Appendix B. AC Conducted Emission Test Results

Test Engineer :	Ram Prashanth Vallam	Temperature :	24.1 ~ 25.6°C
		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

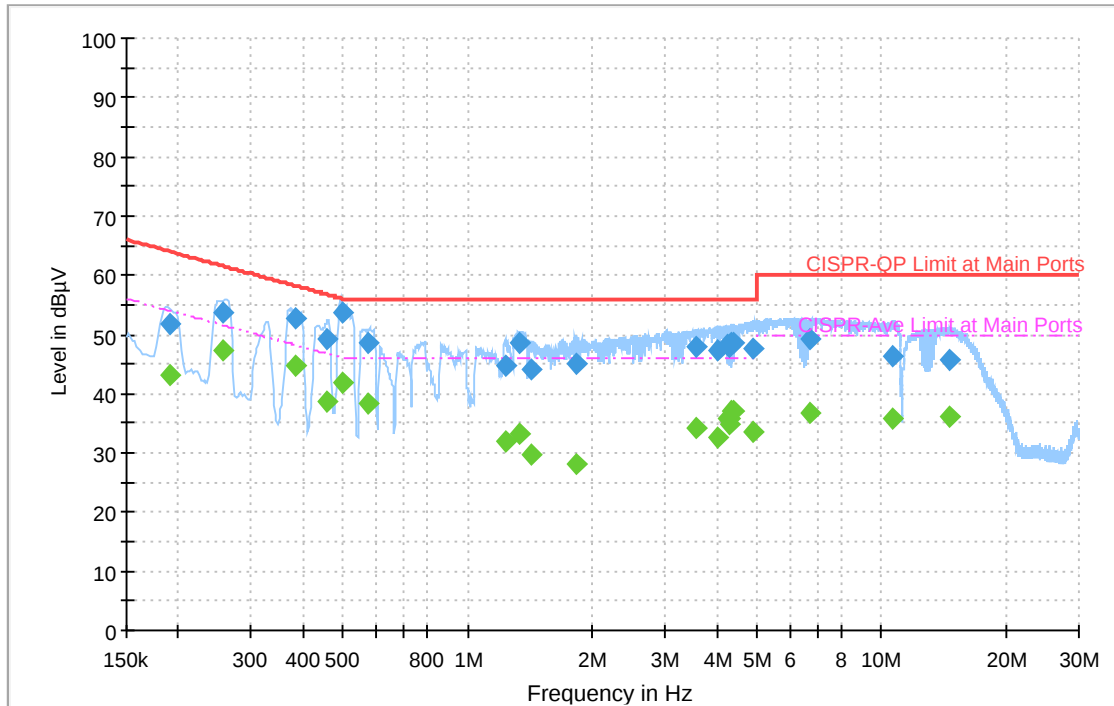
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.190950	---	42.74	54.00	11.26	L1	OFF	20.0
0.190950	51.72	---	64.00	12.28	L1	OFF	20.0
0.260250	---	44.59	51.42	6.83	L1	OFF	20.0
0.260250	52.60	---	61.42	8.82	L1	OFF	20.0
0.325500	---	38.61	49.57	10.96	L1	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 :	50~56%

<Single Carrier>

Band 1 - 5150~5250MHz

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 35 5175MHz		5132.86	62.72	-11.28	74	49.89	31.98	11.02	30.17	170	360	P	H
		5150	53.51	-0.49	54	40.7	31.94	11.04	30.17	170	360	A	H
	*	5175	123.03	-	-	110.36	31.77	11.07	30.17	170	360	P	H
	*	5175	114.33	-	-	101.66	31.77	11.07	30.17	170	360	A	H
													H
													H
		5133.38	52.99	-21.01	74	40.25	31.89	11.02	30.17	100	29	P	V
		5149.76	43.02	-10.98	54	30.29	31.86	11.04	30.17	100	29	A	V
	*	5175	102.26	-	-	89.64	31.72	11.07	30.17	100	29	P	V
	*	5175	94.13	-	-	81.51	31.72	11.07	30.17	100	29	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 42 5210MHz		5126.36	60.32	-13.68	74	47.47	32	11.02	30.17	175	360	P	H
		5149.76	51.94	-2.06	54	39.13	31.94	11.04	30.17	175	360	A	H
	*	5210	125.16	-	-	112.67	31.55	11.1	30.16	175	360	P	H
	*	5210	116.63	-	-	104.14	31.55	11.1	30.16	175	360	A	H
		5414.64	61.24	-12.76	74	48.33	31.77	11.3	30.16	175	360	P	H
		5420.8	51.82	-2.18	54	38.89	31.78	11.31	30.16	175	360	A	H
													H
													H
		5079.56	52.99	-21.01	74	40.21	31.98	10.97	30.17	100	360	P	V
		5000	43.21	-10.79	54	30.74	31.77	10.89	30.19	100	360	A	V
		4989	60.86	-13.14	74	48.5	31.67	10.88	30.19	100	317	P	V
		4989	48.69	-5.31	54	36.33	31.67	10.88	30.19	100	317	A	V
	*	5210	105.3	-	-	92.81	31.55	11.1	30.16	100	360	P	V
	*	5210	96.54	-	-	84.05	31.55	11.1	30.16	100	360	A	V
		5436.2	52.76	-21.24	74	39.85	31.75	11.33	30.17	100	360	P	V
		5448.52	42.57	-11.43	54	29.62	31.78	11.34	30.17	100	360	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 49 5245MHz		5142.48	62.34	-11.66	74	49.52	31.96	11.03	30.17	170	360	P	H
		5150	52.23	-1.77	54	39.42	31.94	11.04	30.17	170	360	A	H
	*	5245	122.7	-	-	110.32	31.4	11.13	30.15	170	360	P	H
	*	5245	117.95	-	-	105.57	31.4	11.13	30.15	170	360	A	H
		5361.44	63.1	-10.9	74	50.45	31.57	11.24	30.16	170	360	P	H
		5350.52	53.27	-0.73	54	40.68	31.52	11.23	30.16	170	360	A	H
													H
													H
		5120.38	52.82	-21.18	74	40.06	31.91	11.01	30.16	103	29	P	V
		5138.32	43.15	-10.85	54	30.41	31.88	11.03	30.17	103	29	A	V
	*	5245	105.96	-	-	93.53	31.45	11.13	30.15	103	29	P	V
	*	5245	97.84	-	-	85.41	31.45	11.13	30.15	103	29	A	V
		5458.04	52.95	-21.05	74	39.97	31.8	11.35	30.17	103	29	P	V
		5456.36	43.09	-10.91	54	30.11	31.8	11.35	30.17	103	29	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz

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 35 5175MHz		10350	51.51	-16.69	68.2	63.2	39.51	16.52	67.72	100	0	P	H
		15525	48.47	-25.53	74	56.96	38.07	20.51	67.07	100	0	P	H
													H
													H
		10350	49.58	-18.62	68.2	61.27	39.51	16.52	67.72	100	0	P	V
		15525	49.58	-24.42	74	58.04	38.1	20.51	67.07	100	0	P	V
													V
													V
VHT10 CH 42 5210MHz		10420	54.01	-14.19	68.2	65.41	39.67	16.59	67.66	100	0	P	H
		15630	49.4	-24.6	74	58	37.77	20.6	66.97	100	0	P	H
													H
													H
		10420	51.89	-16.31	68.2	63.26	39.7	16.59	67.66	100	0	P	V
		15630	48.7	-25.3	74	57.23	37.84	20.6	66.97	100	0	P	V
													V
													V
VHT10 CH 49 5245MHz		10490	50.78	-17.42	68.2	61.9	39.84	16.65	67.61	100	0	P	H
		15735	48.5	-25.5	74	57.2	37.47	20.69	66.86	100	0	P	H
													H
													H
		10490	50.07	-18.13	68.2	61.21	39.82	16.65	67.61	100	0	P	V
		15735	54.96	-19.04	74	63.62	37.51	20.69	66.86	392	21	P	V
		15735	48.63	-5.37	54	57.29	37.51	20.69	66.86	392	21	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz
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 36 5180MHz		5146.12	63.78	-10.22	74	50.96	31.95	11.04	30.17	168	360	P	H
		5150	53.63	-0.37	54	40.82	31.94	11.04	30.17	168	360	A	H
	*	5180	119.55	-	-	106.91	31.73	11.07	30.16	168	360	P	H
	*	5180	110.41	-	-	97.77	31.73	11.07	30.16	168	360	A	H
													H
													H
		5000	53.18	-20.82	74	40.71	31.77	10.89	30.19	100	360	P	V
		5000	43.35	-10.65	54	30.88	31.77	10.89	30.19	100	360	A	V
		4989	61.18	-12.82	74	48.82	31.67	10.88	30.19	100	317	P	V
		4989	48.76	-5.24	54	36.4	31.67	10.88	30.19	100	317	A	V
	*	5180	99.51	-	-	86.91	31.69	11.07	30.16	100	360	P	V
	*	5180	90.07	-	-	77.47	31.69	11.07	30.16	100	360	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 40 5200MHz		5148.98	62.19	-11.81	74	49.38	31.94	11.04	30.17	164	360	P	H
		5150	53.07	-0.93	54	40.26	31.94	11.04	30.17	164	360	A	H
	*	5200	122.56	-	-	110.04	31.59	11.09	30.16	164	360	P	H
	*	5200	113.11	-	-	100.59	31.59	11.09	30.16	164	360	A	H
		5399.52	61.46	-12.54	74	48.6	31.74	11.28	30.16	164	360	P	H
		5376	51.67	-2.33	54	38.93	31.64	11.26	30.16	164	360	A	H
													H
													H
		5106.86	53.46	-20.54	74	40.69	31.93	11	30.16	108	3	P	V
		5000	43.11	-10.89	54	30.64	31.77	10.89	30.19	108	3	A	V
		4989	60.14	-13.86	74	47.78	31.67	10.88	30.19	100	317	P	V
		4989	48.14	-5.86	54	35.78	31.67	10.88	30.19	100	317	A	V
	*	5200	102.11	-	-	89.6	31.58	11.09	30.16	108	3	P	V
	*	5200	92.63	-	-	80.12	31.58	11.09	30.16	108	3	A	V
		5455.8	52.72	-21.28	74	39.74	31.8	11.35	30.17	108	3	P	V
		5455.8	42.7	-11.3	54	29.72	31.8	11.35	30.17	108	3	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 48 5240MHz		5147.68	62.63	-11.37	74	49.81	31.95	11.04	30.17	170	360	P	H
		5150	52.39	-1.61	54	39.58	31.94	11.04	30.17	170	360	A	H
	*	5240	120.75	-	-	108.35	31.42	11.13	30.15	170	360	P	H
	*	5240	113.73	-	-	101.33	31.42	11.13	30.15	170	360	A	H
		5395.04	62.95	-11.05	74	50.11	31.72	11.28	30.16	170	360	P	H
		5350	53.24	-0.76	54	40.65	31.52	11.23	30.16	170	360	A	H
													H
													H
		5125.58	52.65	-21.35	74	39.9	31.9	11.02	30.17	102	30	P	V
		5148.98	43.14	-10.86	54	30.41	31.86	11.04	30.17	102	30	A	V
	*	5240	102.02	-	-	89.57	31.47	11.13	30.15	102	30	P	V
	*	5240	93.14	-	-	80.69	31.47	11.13	30.15	102	30	A	V
		5430.32	53.79	-20.21	74	40.9	31.74	11.32	30.17	102	30	P	V
		5450.2	43.16	-10.84	54	30.21	31.78	11.34	30.17	102	30	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz

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 36 5180MHz		10360	52.38	-15.82	68.2	64.03	39.53	16.53	67.71	100	0	P	H
		15540	55.42	-18.58	74	63.93	38.02	20.53	67.06	304	57	P	H
		15540	49.36	-4.64	54	57.87	38.02	20.53	67.06	304	57	A	H
													H
		10360	50.7	-17.5	68.2	62.35	39.53	16.53	67.71	100	0	P	V
		15540	53.98	-20.02	74	62.45	38.06	20.53	67.06	266	339	P	V
		15540	47.34	-6.66	54	55.81	38.06	20.53	67.06	266	339	A	V
													V
VHT20 CH 40 5200MHz		10400	53.79	-14.41	68.2	65.27	39.62	16.58	67.68	100	0	P	H
		15600	49.1	-24.9	74	57.66	37.87	20.57	67	100	0	P	H
													H
													H
		10400	50.84	-17.36	68.2	62.29	39.65	16.58	67.68	100	0	P	V
		15600	48.36	-25.64	74	56.87	37.92	20.57	67	100	0	P	V
													V
													V
VHT20 CH 48 5240MHz		10480	50.49	-17.71	68.2	61.65	39.82	16.64	67.62	100	0	P	H
		15720	48.86	-25.14	74	57.56	37.51	20.67	66.88	100	0	P	H
													H
													H
		10480	49.42	-18.78	68.2	60.59	39.81	16.64	67.62	100	0	P	V
		15720	49.21	-24.79	74	57.86	37.56	20.67	66.88	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz
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 38 5190MHz		5150	61.99	-12.01	74	49.18	31.94	11.04	30.17	165	355	P	H
		5149.5	53.04	-0.96	54	40.23	31.94	11.04	30.17	165	355	A	H
	*	5190	112.42	-	-	99.84	31.66	11.08	30.16	165	355	P	H
	*	5190	103.18	-	-	90.6	31.66	11.08	30.16	165	355	A	H
		5354.16	57.56	-16.44	74	44.94	31.54	11.24	30.16	165	355	P	H
		5376	47.87	-6.13	54	35.13	31.64	11.26	30.16	165	355	A	H
													H
													H
		5000.26	54.4	-19.6	74	41.93	31.77	10.89	30.19	100	360	P	V
		5000	43.03	-10.97	54	30.56	31.77	10.89	30.19	100	360	A	V
		4989	61.49	-12.51	74	49.13	31.67	10.88	30.19	100	318	P	V
		4989	48.69	-5.31	54	36.33	31.67	10.88	30.19	100	318	A	V
	*	5190	92.29	-	-	79.73	31.64	11.08	30.16	100	360	P	V
	*	5190	83.1	-	-	70.54	31.64	11.08	30.16	100	360	A	V
		5452.72	52.31	-21.69	74	39.34	31.79	11.35	30.17	100	360	P	V
		5457.2	42.43	-11.57	54	29.45	31.8	11.35	30.17	100	360	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)
VHT40 CH 46 5230MHz		5140.66	61.99	-12.01	74	49.17	31.96	11.03	30.17	169	0	P	H
		5150	52.27	-1.73	54	39.46	31.94	11.04	30.17	169	0	A	H
	*	5230	118.37	-	-	105.94	31.46	11.12	30.15	169	0	P	H
	*	5230	109.09	-	-	96.66	31.46	11.12	30.15	169	0	A	H
		5425	62.65	-11.35	74	49.73	31.78	11.31	30.17	169	0	P	H
		5350.24	52.48	-1.52	54	39.89	31.52	11.23	30.16	169	0	A	H
													H
													H
		5000	53.23	-20.77	74	40.76	31.77	10.89	30.19	100	14	P	V
		5000	43.08	-10.92	54	30.61	31.77	10.89	30.19	100	14	A	V
		4989	61.77	-12.23	74	49.41	31.67	10.88	30.19	100	316	P	V
		4989	48.75	-5.25	54	36.39	31.67	10.88	30.19	100	316	A	V
	*	5230	97.97	-	-	85.5	31.5	11.12	30.15	100	14	P	V
	*	5230	88.58	-	-	76.11	31.5	11.12	30.15	100	14	A	V
		5416.04	52.41	-21.59	74	39.57	31.7	11.3	30.16	100	14	P	V
		5457.76	42.7	-11.3	54	29.72	31.8	11.35	30.17	100	14	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz

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 38 5190MHz		10380	54.3	-13.9	68.2	65.87	39.58	16.55	67.7	100	0	P	H
		15570	49.75	-24.25	74	58.29	37.94	20.55	67.03	100	0	P	H
													H
													H
		10380	50.15	-18.05	68.2	61.71	39.59	16.55	67.7	100	0	P	V
		15570	49.55	-24.45	74	58.04	37.99	20.55	67.03	100	0	P	V
													V
													V
VHT40 CH 46 5230MHz		10460	51.62	-16.58	68.2	62.86	39.76	16.63	67.63	100	0	P	H
		15690	54.2	-19.8	74	62.86	37.6	20.65	66.91	309	18	P	H
		15690	45.96	-8.04	54	54.62	37.6	20.65	66.91	309	18	A	H
													H
		10460	49.21	-18.99	68.2	60.42	39.79	16.63	67.63	100	0	P	V
		15690	49.58	-24.42	74	58.18	37.66	20.65	66.91	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****VHT40 (SHF @ 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 SHF		20002	39.49	-34.51	74	41.54	37.68	13.16	52.89	150	0	P	H
		38394	50.69	-17.51	68.2	38.66	43.92	23.04	54.93	150	0	P	H
													H
													H
		20750	41.84	-32.16	74	43.16	37.92	13.52	52.76	150	0	P	V
		38372	50.02	-18.18	68.2	37.63	44.28	23.03	54.92	150	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Emission below 1GHz
VHT40 (LF @ 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 LF		33.88	21.74	-18.26	40	30.17	23.06	0.89	32.44	-	-	P	H
		95.96	23.96	-19.54	43.5	39.09	15.6	1.5	32.42	-	-	P	H
		151.25	22.55	-20.95	43.5	35.85	17.1	1.88	32.4	-	-	P	H
		246.31	26.65	-19.35	46	38.37	18.13	2.41	32.41	-	-	P	H
		469.41	29.41	-16.59	46	35.02	23.39	3.3	32.56	-	-	P	H
		716.8	39.28	-6.72	46	40.31	26.97	4.08	32.52	112	30	QP	H
													H
													H
		34.85	28.08	-11.92	40	36.96	22.58	0.91	32.44	-	-	P	V
		81.41	22.47	-17.53	40	39.54	13.74	1.38	32.42	-	-	P	V
		112.45	22.82	-20.68	43.5	36.38	17.15	1.61	32.42	-	-	P	V
		219.15	20.38	-25.62	46	35.14	15.22	2.27	32.41	-	-	P	V
		469.41	30.33	-15.67	46	35.94	23.39	3.3	32.56	-	-	P	V
		716.8	38.84	-7.16	46	39.87	26.97	4.08	32.52	100	0	P	V
													V
													V
Remark		1. No other spurious found. 2. All results are PASS against limit line.											



<Multi Carrier (Contiguous)>

Band 1 - 5150~5250MHz

(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 36 5180MHz + VHT20 CH 40 5200MHz		5149.76	61.49	-12.51	74	48.68	31.94	11.04	30.17	157	0	P	H
		5150	53.44	-0.56	54	40.63	31.94	11.04	30.17	157	0	A	H
	*	5190	114.03	-	-	101.45	31.66	11.08	30.16	157	0	P	H
	*	5190	105.37	-	-	92.79	31.66	11.08	30.16	157	0	A	H
													H
		5070.46	52.11	-21.89	74	39.33	31.99	10.96	30.17	101	0	P	V
		5150	42.71	-11.29	54	29.98	31.86	11.04	30.17	101	0	A	V
	*	5190	94.18	-	-	81.62	31.64	11.08	30.16	101	0	P	V
	*	5190	84.89	-	-	72.33	31.64	11.08	30.16	101	0	A	V
													V
VHT20 CH 40 5200MHz + VHT20 CH 44 5220MHz		5147.68	58.79	-15.21	74	45.97	31.95	11.04	30.17	157	360	P	H
		5150	50.65	-3.35	54	37.84	31.94	11.04	30.17	157	360	A	H
	*	5210	116.37	-	-	103.88	31.55	11.1	30.16	157	360	P	H
	*	5210	106.82	-	-	94.33	31.55	11.1	30.16	157	360	A	H
		5367.88	60.57	-13.43	74	47.88	31.6	11.25	30.16	157	360	P	H
		5376	49.41	-4.59	54	36.67	31.64	11.26	30.16	157	360	A	H
													H
		5068.9	52.37	-21.63	74	39.59	31.99	10.96	30.17	101	360	P	V
		5148.98	42.51	-11.49	54	29.78	31.86	11.04	30.17	101	360	A	V
	*	5210	95.87	-	-	83.38	31.55	11.1	30.16	101	360	P	V
	*	5210	86.78	-	-	74.29	31.55	11.1	30.16	101	360	A	V
		5444.04	52.35	-21.65	74	39.41	31.77	11.34	30.17	101	360	P	V
		5456.92	42.38	-11.62	54	29.4	31.8	11.35	30.17	101	360	A	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 40 5200MHz + VHT40 CH 46 5230MHz		5149.5	61.29	-12.71	74	48.48	31.94	11.04	30.17	169	4	P	H
		5150	52.86	-1.14	54	40.05	31.94	11.04	30.17	169	4	A	H
	*	5215	112.97	-	-	100.5	31.53	11.1	30.16	169	4	P	H
	*	5215	107.01	-	-	94.54	31.53	11.1	30.16	169	4	A	H
		5376.28	58.54	-15.46	74	45.8	31.64	11.26	30.16	169	4	P	H
		5376	49.47	-4.53	54	36.73	31.64	11.26	30.16	169	4	A	H
													H
		5149.5	61.29	-12.71	74	48.48	31.94	11.04	30.17	169	4	P	V
		5150	52.86	-1.14	54	40.05	31.94	11.04	30.17	169	4	A	V
	*	5215	112.97	-	-	100.5	31.53	11.1	30.16	169	4	P	V
	*	5215	107.01	-	-	94.54	31.53	11.1	30.16	169	4	A	V
		5376.28	58.54	-15.46	74	45.8	31.64	11.26	30.16	169	4	P	V
		5376	49.47	-4.53	54	36.73	31.64	11.26	30.16	169	4	A	V
													V
VHT20 CH 44 5220MHz + VHT20 CH 48 5240MHz		5148.72	63.11	-10.89	74	50.3	31.94	11.04	30.17	170	352	P	H
		5149.76	53.85	-0.15	54	41.04	31.94	11.04	30.17	170	352	A	H
	*	5230	119.13	-	-	106.7	31.46	11.12	30.15	170	352	P	H
	*	5230	109.72	-	-	97.29	31.46	11.12	30.15	170	352	A	H
		5363.4	63.09	-10.91	74	50.42	31.58	11.25	30.16	170	352	P	H
		5420.8	53.63	-0.37	54	40.7	31.78	11.31	30.16	170	352	A	H
													H
		5123.5	52.83	-21.17	74	40.07	31.91	11.01	30.16	100	32	P	V
		5149.5	43.05	-10.95	54	30.32	31.86	11.04	30.17	100	32	A	V
	*	5230	99.82	-	-	87.35	31.5	11.12	30.15	100	32	P	V
	*	5230	90.4	-	-	77.93	31.5	11.12	30.15	100	32	A	V
		5416.04	52.49	-21.51	74	39.65	31.7	11.3	30.16	100	32	P	V
		5420.8	43.28	-10.72	54	30.41	31.72	11.31	30.16	100	32	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz

(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 36 5180MHz +		10360	52.54	-15.66	68.2	64.19	39.53	16.53	67.71	100	0	P	H
		10400	50.26	-17.94	68.2	61.74	39.62	16.58	67.68	100	0	P	H
		15540	49.24	-24.76	74	57.75	38.02	20.53	67.06	100	0	P	H
		15600	48.76	-25.24	74	57.32	37.87	20.57	67	100	0	P	H
		10360	51.78	-16.42	68.2	63.43	39.53	16.53	67.71	100	0	P	V
		10400	49.23	-18.97	68.2	60.68	39.65	16.58	67.68	100	0	P	V
		15540	49.38	-24.62	74	57.85	38.06	20.53	67.06	100	0	P	V
		15600	54.35	-19.65	74	62.86	37.92	20.57	67	377	19	P	V
VHT20 CH 40 5200MHz +		15600	47.67	-6.33	54	56.18	37.92	20.57	67	377	19	A	V
		10400	51.93	-16.27	68.2	63.41	39.62	16.58	67.68	100	0	P	H
		10440	50.34	-17.86	68.2	61.67	39.71	16.61	67.65	100	0	P	H
		15600	48.37	-25.63	74	56.93	37.87	20.57	67	100	0	P	H
		15660	48.52	-25.48	74	57.16	37.68	20.62	66.94	100	0	P	H
		10400	51.93	-16.27	68.2	63.41	39.62	16.58	67.68	100	0	P	V
		10440	50.34	-17.86	68.2	61.67	39.71	16.61	67.65	100	0	P	V
		15600	48.37	-25.63	74	56.93	37.87	20.57	67	100	0	P	V
VHT20 CH 40 5200MHz +		15660	48.52	-25.48	74	57.16	37.68	20.62	66.94	100	0	P	V
		10400	51.93	-16.27	68.2	63.41	39.62	16.58	67.68	100	0	P	H
		10440	50.34	-17.86	68.2	61.67	39.71	16.61	67.65	100	0	P	H
		15600	48.37	-25.63	74	56.93	37.87	20.57	67	100	0	P	H
		15660	48.52	-25.48	74	57.16	37.68	20.62	66.94	100	0	P	H
		10400	49.26	-18.94	68.2	60.71	39.65	16.58	67.68	100	0	P	V
		10460	49.18	-19.02	68.2	60.39	39.79	16.63	67.63	100	0	P	V
		15600	48.11	-25.89	74	56.62	37.92	20.57	67	100	0	P	V
VHT40 CH 46 5230MHz		15690	54.84	-19.16	74	63.44	37.66	20.65	66.91	346	16	P	V
		15690	48.41	-5.59	54	57.01	37.66	20.65	66.91	346	16	A	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 44 5220MHz + VHT20 CH 48 5240M		10440	51.68	-16.52	68.2	63.01	39.71	16.61	67.65	100	0	P	H
		10480	48.95	-19.25	68.2	60.11	39.82	16.64	67.62	100	0	P	H
		15660	48.31	-25.69	74	56.95	37.68	20.62	66.94	100	0	P	H
		15720	49.9	-24.1	74	58.6	37.51	20.67	66.88	100	0	P	H
		10440	51.68	-16.52	68.2	63.01	39.71	16.61	67.65	100	0	P	V
		10480	48.95	-19.25	68.2	60.11	39.82	16.64	67.62	100	0	P	V
		15660	48.31	-25.69	74	56.95	37.68	20.62	66.94	100	0	P	V
		15720	49.9	-24.1	74	58.6	37.51	20.67	66.88	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz

(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)
VHT40 CH 38 5190MHz + VHT20 CH 44 5220MHz		5147.68	62.34	-11.66	74	49.52	31.95	11.04	30.17	167	359	P	H
		5150	53.7	-0.3	54	40.89	31.94	11.04	30.17	167	359	A	H
	*	5220	111.63	-	-	99.17	31.51	11.11	30.16	167	359	P	H
	*	5220	105.93	-	-	93.47	31.51	11.11	30.16	167	359	A	H
		5388.32	58.59	-15.41	74	45.79	31.69	11.27	30.16	167	359	P	H
		5420.8	49.4	-4.6	54	36.47	31.78	11.31	30.16	167	359	A	H
													H
		5100.36	53.7	-20.3	74	40.93	31.94	10.99	30.16	100	360	P	V
		5150	42.77	-11.23	54	30.04	31.86	11.04	30.17	100	360	A	V
	*	5220	91.28	-	-	78.81	31.52	11.11	30.16	100	360	P	V
	*	5220	85.95	-	-	73.48	31.52	11.11	30.16	100	360	A	V
		5421.08	53.14	-20.86	74	40.27	31.72	11.31	30.16	100	360	P	V
		5458.88	42.5	-11.5	54	29.51	31.81	11.35	30.17	100	360	A	V
													V
VHT40 CH 38 5190MHz + VHT40 CH 46 5230MHz		5148.98	62.27	-11.73	74	49.46	31.94	11.04	30.17	170	0	P	H
		5149.76	53.57	-0.43	54	40.76	31.94	11.04	30.17	170	0	A	H
	*	5210	111.72	-	-	99.23	31.55	11.1	30.16	170	0	P	H
	*	5210	105.16	-	-	92.67	31.55	11.1	30.16	170	0	A	H
		5392.24	60.05	-13.95	74	47.23	31.71	11.27	30.16	170	0	P	H
		5420.8	50.48	-3.52	54	37.55	31.78	11.31	30.16	170	0	A	H
													H
		5141.18	53.42	-20.58	74	40.68	31.88	11.03	30.17	100	15	P	V
		5146.38	43.29	-10.71	54	30.55	31.87	11.04	30.17	100	15	A	V
	*	5210	91.35	-	-	78.86	31.55	11.1	30.16	100	15	P	V
	*	5210	85.11	-	-	72.62	31.55	11.1	30.16	100	15	A	V
		5419.96	53.02	-20.98	74	40.17	31.71	11.3	30.16	100	15	P	V
		5458.6	43.06	-10.94	54	30.08	31.8	11.35	30.17	100	15	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz

VHT40 (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)
VHT40 CH 38 5190MHz + VHT20 CH 44 5220MHz		10380	51.01	-17.19	68.2	62.58	39.58	16.55	67.7	100	0	P	H
		10440	50	-18.2	68.2	61.33	39.71	16.61	67.65	100	0	P	H
		15570	48.82	-25.18	74	57.36	37.94	20.55	67.03	100	0	P	H
		15660	48.99	-25.01	74	57.63	37.68	20.62	66.94	100	0	P	H
		10380	49.88	-18.32	68.2	61.44	39.59	16.55	67.7	100	0	P	V
		10440	48.03	-20.17	68.2	59.32	39.75	16.61	67.65	100	0	P	V
		15570	49.14	-24.86	74	57.63	37.99	20.55	67.03	100	0	P	V
		15660	49.06	-24.94	74	57.62	37.76	20.62	66.94	100	0	P	V
VHT40 CH 38 5190MHz + VHT40 CH 46 5230MHz		10380	51.66	-16.54	68.2	63.23	39.58	16.55	67.7	100	0	P	H
		10460	49.54	-18.66	68.2	60.78	39.76	16.63	67.63	100	0	P	H
		15570	48.89	-25.11	74	57.43	37.94	20.55	67.03	100	0	P	H
		15690	49.24	-24.76	74	57.9	37.6	20.65	66.91	100	0	P	H
		10380	49.48	-18.72	68.2	61.04	39.59	16.55	67.7	100	0	P	V
		10460	48.53	-19.67	68.2	59.74	39.79	16.63	67.63	100	0	P	V
		15570	49.65	-24.35	74	58.14	37.99	20.55	67.03	100	0	P	V
		15690	48.72	-25.28	74	57.32	37.66	20.65	66.91	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission above 18GHz
VHT20+VHT20 (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)
VHT20 + VHT20 SHF		28032	43.01	-25.19	68.2	38.16	39.48	17.9	52.53	150	0	P	H
		38394	50.32	-17.88	68.2	38.29	43.92	23.04	54.93	150	0	P	H
													H
													H
		34852	46.98	-21.22	68.2	37.79	41.4	21.46	53.67	150	0	P	V
		37844	49.97	-18.23	68.2	38.08	43.81	22.84	54.76	150	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz
VHT20+VHT20 (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)
VHT20 + VHT20 LF		30.97	21.43	-18.57	40	28.26	24.71	0.85	32.44	-	-	P	H
		95.96	22.54	-20.96	43.5	37.67	15.6	1.5	32.42	-	-	P	H
		242.43	31.14	-14.86	46	43.42	17.59	2.39	32.41	-	-	P	H
		296.75	29.38	-16.62	46	39.81	19.2	2.64	32.43	-	-	P	H
		474.26	29.22	-16.78	46	34.82	23.4	3.32	32.57	-	-	P	H
		716.8	38.67	-7.33	46	39.7	26.97	4.08	32.52	100	0	P	H
													H
													H
		34.85	27.91	-12.09	40	36.79	22.58	0.91	32.44	-	-	P	V
		103.72	28.32	-15.18	43.5	42.67	16.37	1.56	32.42	-	-	P	V
		199.75	24.29	-19.21	43.5	39.36	15	2.17	32.4	-	-	P	V
		468.44	29.36	-16.64	46	34.98	23.37	3.3	32.56	-	-	P	V
		672.14	30.95	-15.05	46	33.04	26.2	3.93	32.59	-	-	P	V
		716.8	37.91	-8.09	46	38.94	26.97	4.08	32.52	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Multi Carrier Report (Non-Contiguous)>

Band 1 - 5150~5250MHz

(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 36 5180MHz + VHT20 CH 48 5240MHz		5126.88	64.14	-9.86	74	51.29	32	11.02	30.17	170	0	P	H
		5127.14	53.44	-0.56	54	40.59	32	11.02	30.17	170	0	A	H
	*	5180	115.62	-	-	102.98	31.73	11.07	30.16	170	0	P	H
	*	5180	106.37	-	-	93.73	31.73	11.07	30.16	170	0	A	H
	*	5240	115.24	-	-	102.84	31.42	11.13	30.15	170	0	P	H
	*	5240	105.82	-	-	93.42	31.42	11.13	30.15	170	0	A	H
		5354.44	62.02	-11.98	74	49.4	31.54	11.24	30.16	170	0	P	H
		5367.88	51.63	-2.37	54	38.94	31.6	11.25	30.16	170	0	A	H
		5118.3	54	-20	74	41.24	31.91	11.01	30.16	102	32	P	V
		5122.72	43	-11	54	30.24	31.91	11.01	30.16	102	32	A	V
	*	5180	94.98	-	-	82.38	31.69	11.07	30.16	102	32	P	V
	*	5180	85.53	-	-	72.93	31.69	11.07	30.16	102	32	A	V
	*	5240	95.96	-	-	83.51	31.47	11.13	30.15	102	32	P	V
	*	5240	86.66	-	-	74.21	31.47	11.13	30.15	102	32	A	V
		5454.12	52.45	-21.55	74	39.48	31.79	11.35	30.17	102	32	P	V
		5457.48	42.72	-11.28	54	29.74	31.8	11.35	30.17	102	32	A	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 36 5180MHz + VHT40 CH 46 5230MHz		5145.86	63.37	-10.63	74	50.55	31.95	11.04	30.17	170	360	P	H
		5137.02	53.73	-0.27	54	40.9	31.97	11.03	30.17	170	360	A	H
	*	5180	115.71	-	-	103.07	31.73	11.07	30.16	170	360	P	H
	*	5180	106.49	-	-	93.85	31.73	11.07	30.16	170	360	A	H
	*	5230	111.16	-	-	98.73	31.46	11.12	30.15	170	360	P	H
	*	5230	104.46	-	-	92.03	31.46	11.12	30.15	170	360	A	H
		5412.96	59.39	-14.61	74	46.49	31.76	11.3	30.16	170	360	P	H
		5376	49.88	-4.12	54	37.14	31.64	11.26	30.16	170	360	A	H
													H
													H
		5019.76	52.78	-21.22	74	40.19	31.87	10.91	30.19	110	360	P	V
		5150	42.89	-11.11	54	30.16	31.86	11.04	30.17	110	360	A	V
		4989	61.4	-12.6	74	49.04	31.67	10.88	30.19	100	311	P	V
		4989	48.11	-5.89	54	35.75	31.67	10.88	30.19	100	311	A	V
	*	5180	95.26	-	-	82.66	31.69	11.07	30.16	110	360	P	V
	*	5180	86.27	-	-	73.67	31.69	11.07	30.16	110	360	A	V
	*	5230	89.92	-	-	77.45	31.5	11.12	30.15	110	360	P	V
	*	5230	83.17	-	-	70.7	31.5	11.12	30.15	110	360	A	V
		5428.36	52.5	-21.5	74	39.62	31.73	11.32	30.17	110	360	P	V
		5455.24	42.57	-11.43	54	29.59	31.8	11.35	30.17	110	360	A	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 38 5190MHz + VHT20 CH 48 5240MHz		5149.24	62.82	-11.18	74	50.01	31.94	11.04	30.17	178	355	P	H
		5149.5	53.47	-0.53	54	40.66	31.94	11.04	30.17	178	355	A	H
	*	5190	111.71	-	-	99.13	31.66	11.08	30.16	178	355	P	H
	*	5190	102.13	-	-	89.55	31.66	11.08	30.16	178	355	A	H
	*	5240	115.27	-	-	102.87	31.42	11.13	30.15	178	355	P	H
	*	5240	106.11	-	-	93.71	31.42	11.13	30.15	178	355	A	H
		5400.08	58.87	-15.13	74	46	31.75	11.28	30.16	178	355	P	H
		5376	49.94	-4.06	54	37.2	31.64	11.26	30.16	178	355	A	H
		5127.92	53.27	-20.73	74	40.52	31.9	11.02	30.17	100	14	P	V
		5146.9	42.98	-11.02	54	30.24	31.87	11.04	30.17	100	14	A	V
		4989	61.83	-12.17	74	49.47	31.67	10.88	30.19	100	14	P	V
		4989	49.71	-4.29	54	37.35	31.67	10.88	30.19	100	14	A	V
	*	5190	92.26	-	-	79.7	31.64	11.08	30.16	100	14	P	V
	*	5190	82.64	-	-	70.08	31.64	11.08	30.16	100	14	A	V
	*	5240	96.26	-	-	83.81	31.47	11.13	30.15	100	14	P	V
	*	5240	86.89	-	-	74.44	31.47	11.13	30.15	100	14	A	V
		5439.28	52.65	-21.35	74	39.73	31.76	11.33	30.17	100	14	P	V
		5460	42.65	-11.35	54	29.66	31.81	11.35	30.17	100	14	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 - 5150~5250MHz

(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 36 5180MHz + VHT20 CH 48 5240MHz		10360	50.65	-17.55	68.2	62.3	39.53	16.53	67.71	100	0	P	H
		10480	49.44	-18.76	68.2	60.6	39.82	16.64	67.62	100	0	P	H
		15540	48.79	-25.21	74	57.3	38.02	20.53	67.06	100	0	P	H
		15720	49.19	-24.81	74	57.89	37.51	20.67	66.88	100	0	P	H
		10360	49.77	-18.43	68.2	61.42	39.53	16.53	67.71	100	0	P	V
		10480	47.41	-20.79	68.2	58.58	39.81	16.64	67.62	100	0	P	V
		15540	49.81	-24.19	74	58.28	38.06	20.53	67.06	100	0	P	V
VHT20 CH 36 5180MHz + VHT40 CH 46 5230MHz		15720	49.44	-24.56	74	58.09	37.56	20.67	66.88	100	0	P	V
		10360	51.13	-17.07	68.2	62.78	39.53	16.53	67.71	100	0	P	H
		10460	48.17	-20.03	68.2	59.41	39.76	16.63	67.63	100	0	P	H
		15540	48.66	-25.34	74	57.17	38.02	20.53	67.06	100	0	P	H
		15690	48.31	-25.69	74	56.97	37.6	20.65	66.91	100	0	P	H
		10360	51.13	-17.07	68.2	62.78	39.53	16.53	67.71	100	0	P	V
		10460	48.17	-20.03	68.2	59.41	39.76	16.63	67.63	100	0	P	V
VHT20 CH 38 5190MHz + VHT20 CH 48 5240M		15540	48.66	-25.34	74	57.17	38.02	20.53	67.06	100	0	P	V
		15690	48.31	-25.69	74	56.97	37.6	20.65	66.91	100	0	P	V
		10380	50.47	-17.73	68.2	62.04	39.58	17.09	67.7	100	0	P	H
		10480	48.88	-19.32	68.2	60.04	39.82	17.19	67.62	100	0	P	H
		15570	48.64	-25.36	74	57.18	37.94	21.16	67.03	100	0	P	H
		15720	49.25	-24.75	74	57.95	37.51	21.29	66.88	100	0	P	H
		10380	48.41	-19.79	68.2	59.97	39.59	17.09	67.7	100	0	P	V
Remark		10480	47.41	-20.79	68.2	58.58	39.81	17.19	67.62	100	0	P	V
		15570	48.49	-25.51	74	56.98	37.99	21.16	67.03	100	0	P	V
		15720	49.91	-24.09	74	58.56	37.56	21.29	66.88	100	0	P	V

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



Emission above 18GHz
VHT20+VHT40 (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)
VHT40 + VHT20 SHF		20920	40.14	-33.86	74	41.18	37.99	23.15	52.64	150	0	P	H
		37536	49.53	-18.67	68.2	37.99	43.42	32.25	54.59	150	0	P	H
													H
													H
		33224	45.33	-22.87	68.2	37.45	41.17	30.05	53.8	150	0	P	V
		37822	50.48	-17.72	68.2	38.73	43.64	32.37	54.72	150	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



**Emission below 1GHz
VHT40+VHT20 (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)
VHT20 + VHT40 LF		95.96	23.42	-20.08	43.5	38.55	15.6	1.69	32.42	-	-	P	H
		172.59	24.29	-19.21	43.5	39.02	15.54	2.14	32.41	-	-	P	H
		248.25	32.59	-13.41	46	44.11	18.32	2.57	32.41	-	-	P	H
		296.75	30.45	-15.55	46	40.88	19.2	2.8	32.43	-	-	P	H
		472.32	29.7	-16.3	46	35.29	23.4	3.57	32.56	-	-	P	H
		716.8	37.87	-8.13	46	38.9	26.97	4.52	32.52	100	0	P	H
													H
													H
		34.85	27.89	-12.11	40	36.77	22.58	0.98	32.44	-	-	P	V
		80.44	22.43	-17.57	40	39.67	13.59	1.59	32.42	-	-	P	V
		114.39	23.18	-20.32	43.5	36.63	17.24	1.73	32.42	-	-	P	V
		220.12	25.62	-20.38	46	40.29	15.31	2.43	32.41	-	-	P	V
		470.38	29.52	-16.48	46	35.11	23.4	3.57	32.56	-	-	P	V
		716.8	39.08	-6.92	46	40.11	26.97	4.52	32.52	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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

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

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)
CH 01		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

For Peak Limit @ 2390MHz:

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

For Average Limit @ 2390MHz:

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

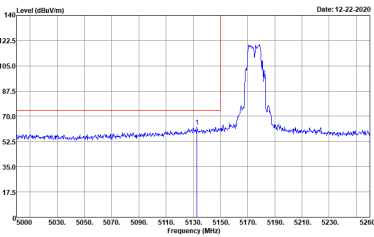
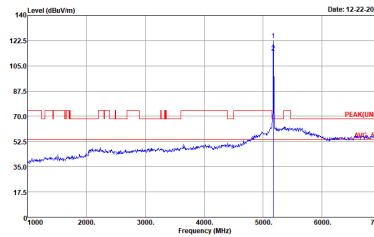
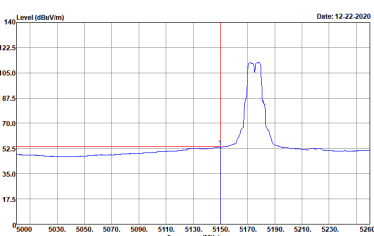
Both peak and average measured complies with the limit line, so test result is “PASS”.

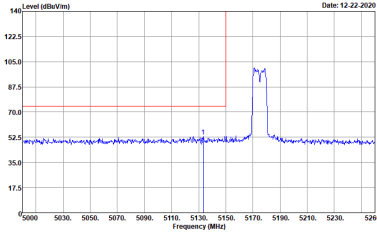
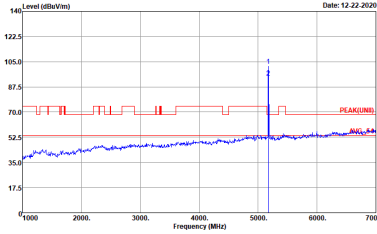
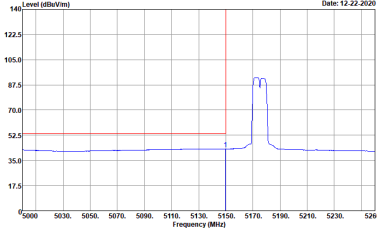


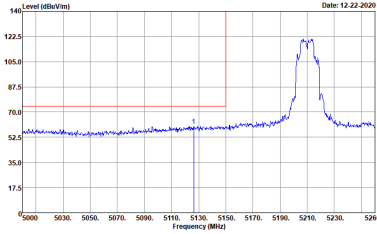
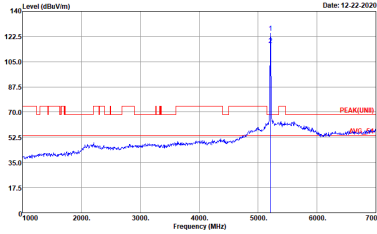
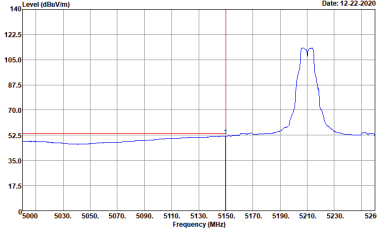
Appendix D. Radiated Spurious Emission Plots

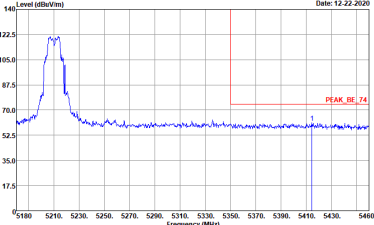
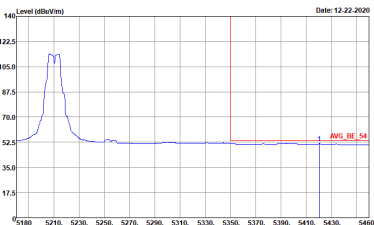
Test Engineer :	Calvin Wu	Temperature :	20~25°C
		Relative Humidity :	50~56%

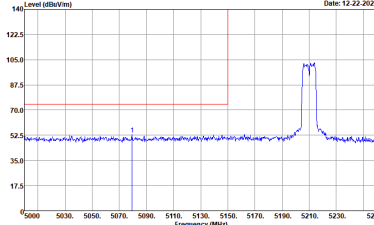
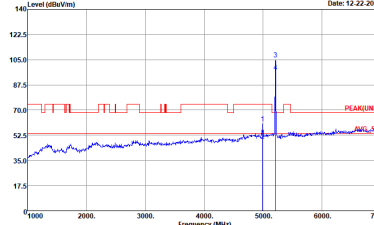
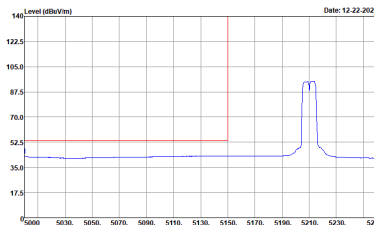
<Single Carrier>
Band 1 - 5150~5250MHz
VHT10 (Band Edge @ 3m)

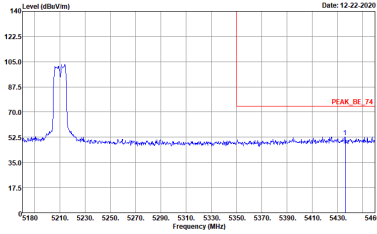
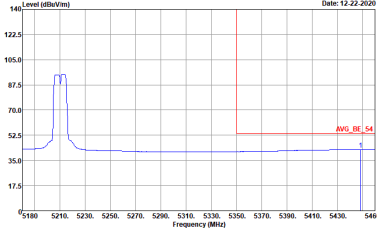
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT10 CH35 5175MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : I1ac(10)_Tx_Ch35 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : I1ac(10)_Tx_Ch35 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : I1ac(10)_Tx_Ch35 Plane : Y with Adapter	Left blank

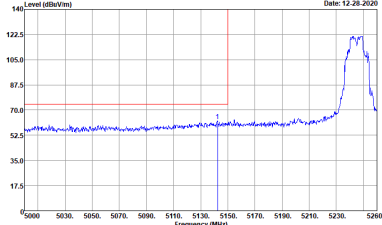
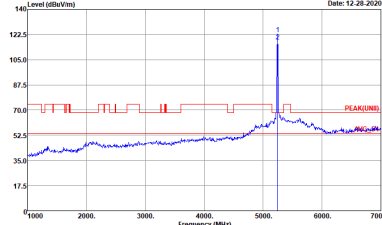
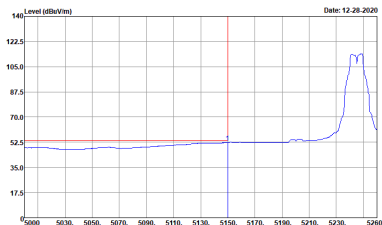
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT10 CH35 5175MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch35 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch35 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch35 Plane : Y with Adapter	Left blank

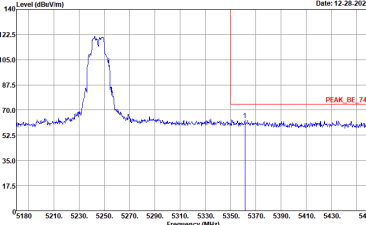
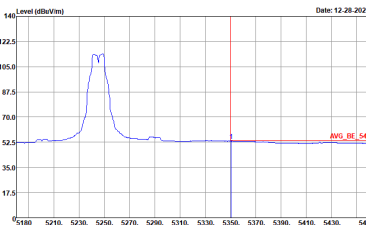
Band 1 5150~5250MHz Band Edge @ 3m		
ANT	VHT10 CH42 5210MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH42 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH42 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH42 Plane : Y with Adapter	Left blank

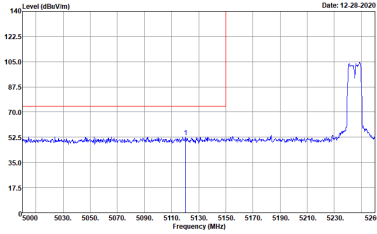
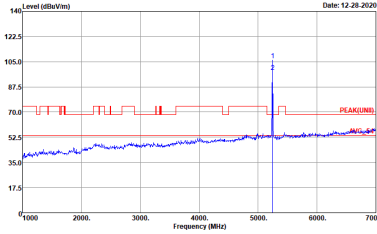
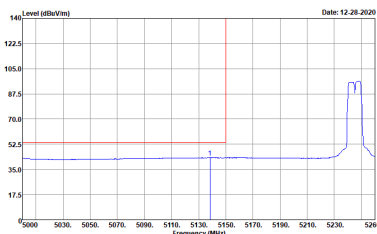
Band 1 5150~5250MHz Band Edge @ 3m		
ANT	VHT10 CH42 5210MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH42 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH42 Plane : Y with Adapter	Left blank

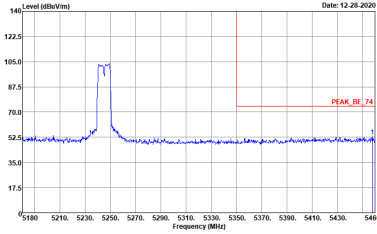
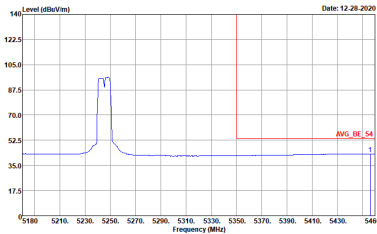
Band 1 5150~5250MHz Band Edge @ 3m		
ANT	VHT10 CH42 5210MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH42 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH42 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH42 Plane : Y with Adapter	Left blank

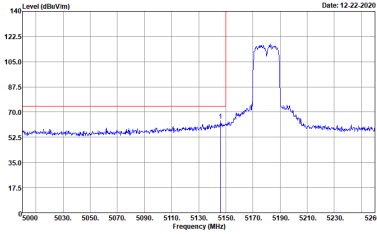
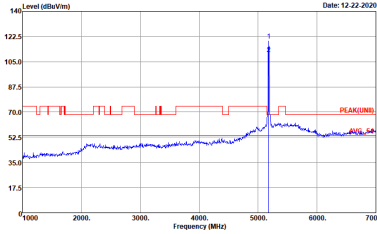
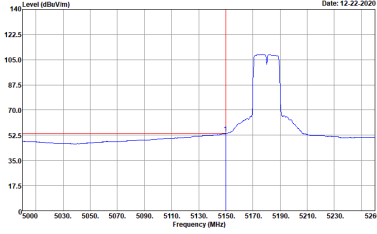
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT10 CH42 5210MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH42 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH42 Plane : Y with Adapter	Left blank

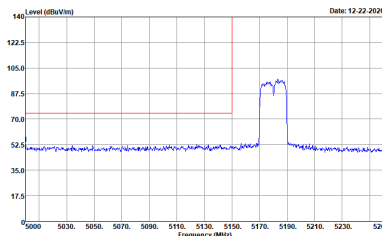
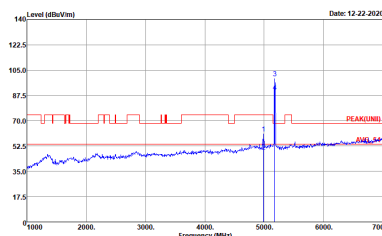
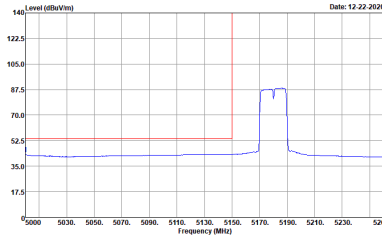
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT10 CH49 5245MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch49 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch49 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch49 Plane : Y with Adapter	Left blank

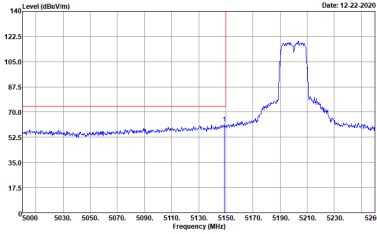
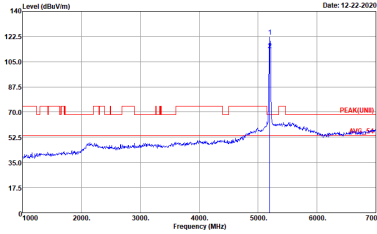
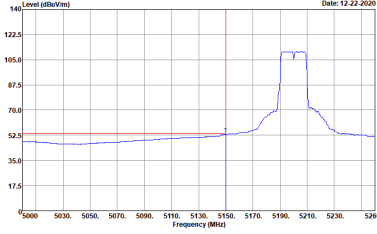
Band 1 5150~5250MHz Band Edge @ 3m		
ANT	VHT10 CH49 5245MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH49 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH49 Plane : Y with Adapter	Left blank

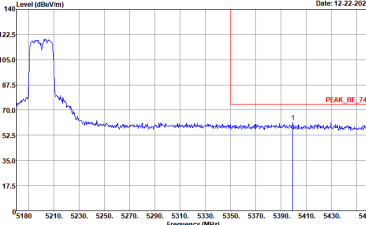
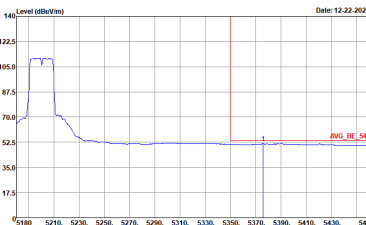
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT10 CH49 5245MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch49 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch49 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_Ch49 Plane : Y with Adapter	Left blank

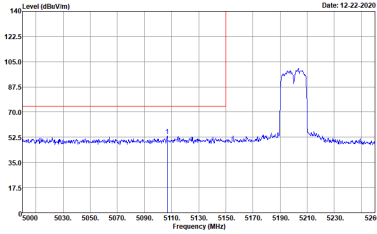
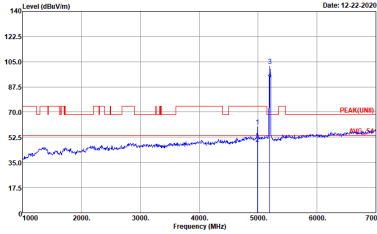
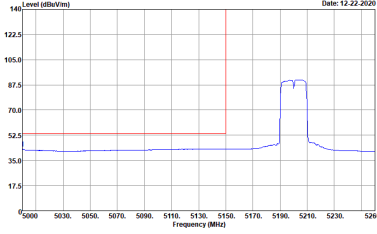
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT10 CH49 5245MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH49 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(10)_Tx_CH49 Plane : Y with Adapter	Left blank

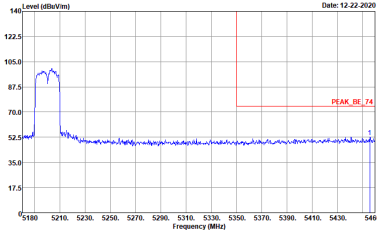
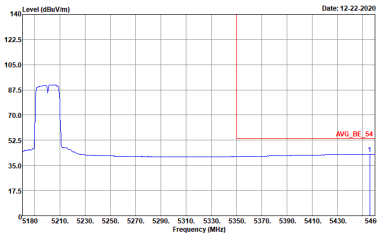
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter	Left blank

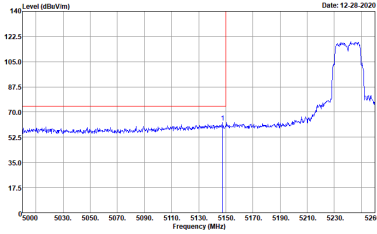
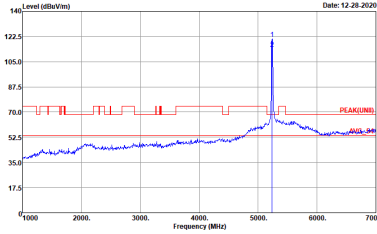
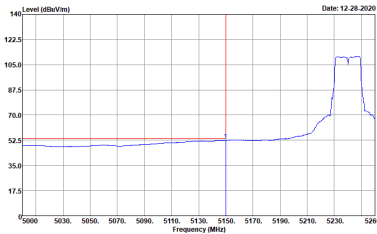
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz	
1	Vertical	Fundamental
	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch36 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 : 5128T1204100031 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 61RN5A51002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter	Left blank

	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40 Plane : Y with Adapter	Left blank

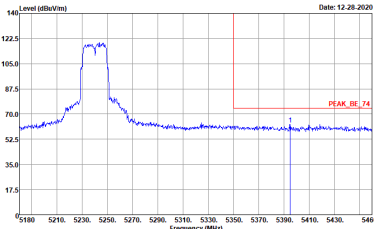
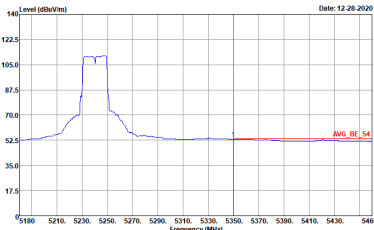
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_CH40 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_CH40 Plane : Y with Adapter	Left blank

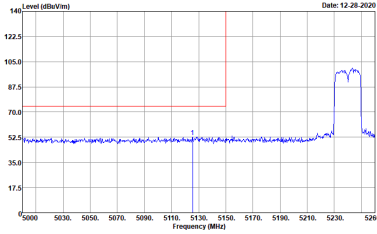
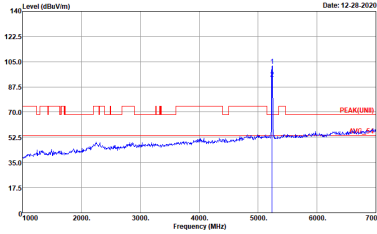
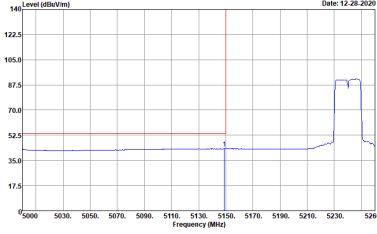
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40 Plane : Y with Adapter	Left blank

	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_CH40 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_CH40 Plane : Y with Adapter	Left blank

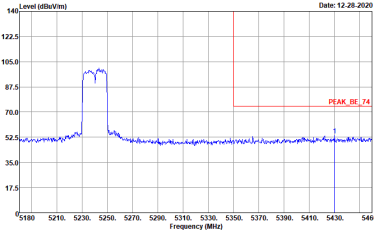
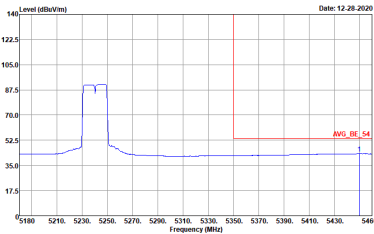
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH48 5240MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

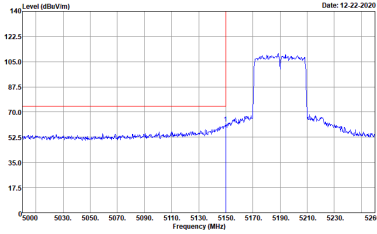
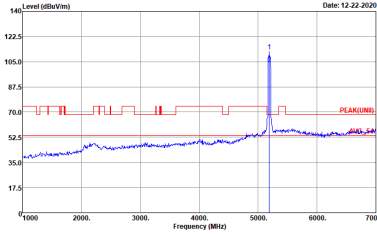
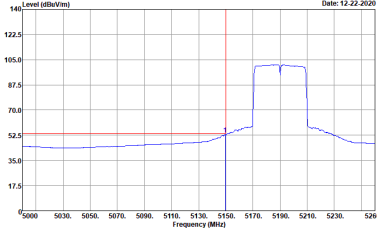


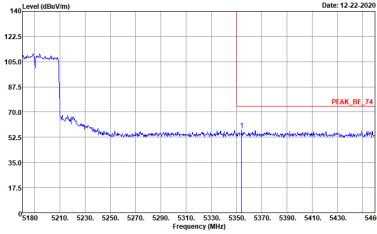
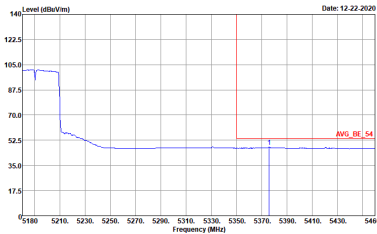
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH48 5240MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

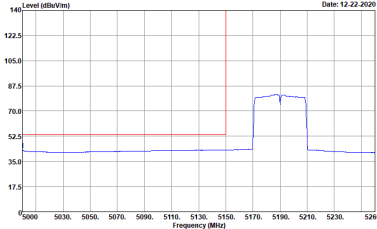
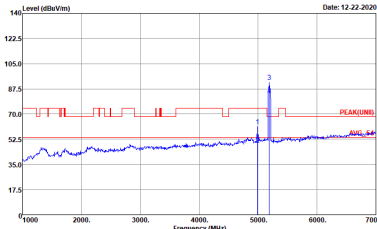
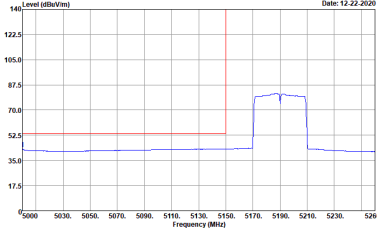
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH48 5240MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

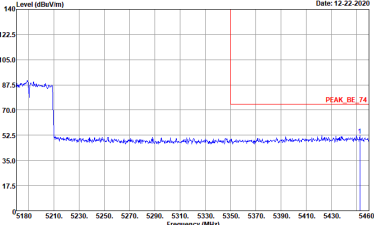
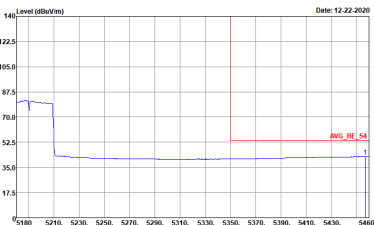


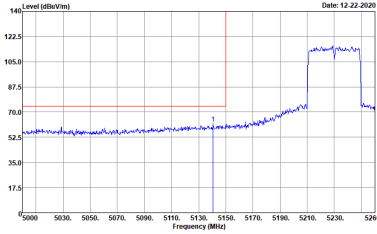
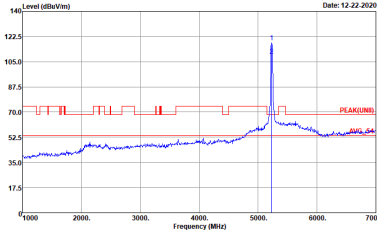
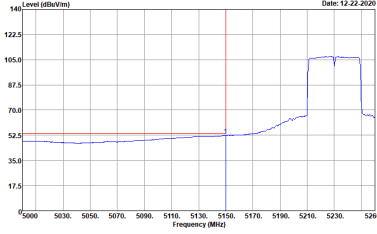
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH48 5240MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

Band 1 5150~5250MHz Band Edge @ 3m		
ANT	VHT40 CH38 5190MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch38 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch38 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch38 Plane : Y with Adapter	Left blank

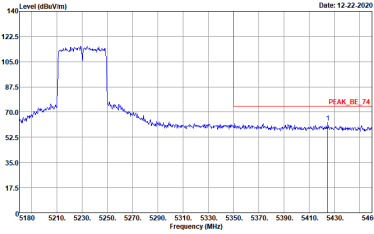
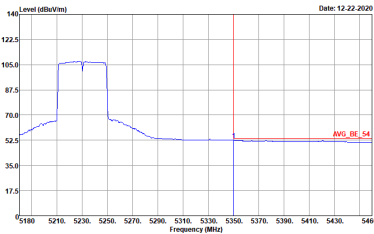
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch38 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch38 Plane : Y with Adapter	Left blank

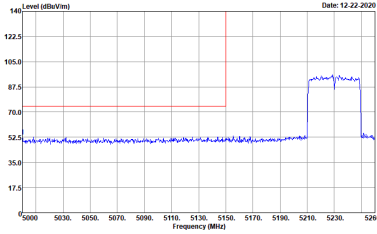
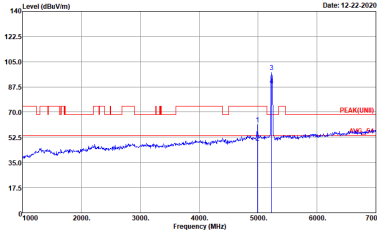
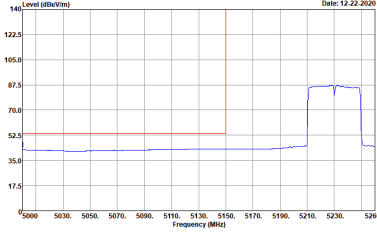
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Power : 201029001 EUT : AVR Power 120Vac/60Hz Model : RN System 56Hz AP SN : 61RN5AS1002 Mode : S128T1204100031 Plane : 11ac(20)_Tx_Ch38 : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Power : 201029001 EUT : AVR Power 120Vac/60Hz Model : RN System 56Hz AP SN : 61RN5AS1002 Mode : S128T1204100031 Plane : 11ac(20)_Tx_Ch38 : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Power : 201029001 EUT : AVR Power 120Vac/60Hz Model : RN System 56Hz AP SN : 61RN5AS1002 Mode : S128T1204100031 Plane : 11ac(20)_Tx_Ch38 : Y with Adapter	Left blank

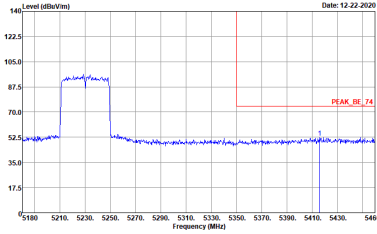
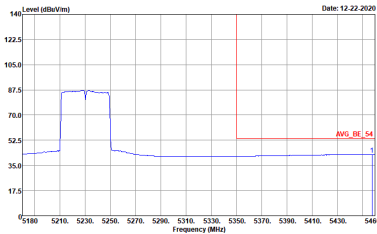
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch38 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch38 Plane : Y with Adapter	Left blank

	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH46 5230MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank



	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH46 5230MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

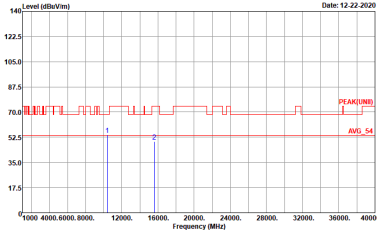
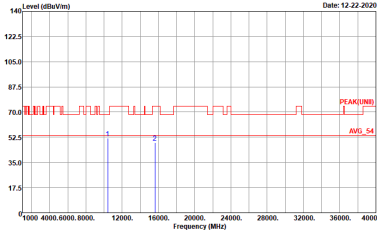
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH46 5230MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH46 5230MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank
Peak	 Site : 03CH02-CA Condition : AVIS_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

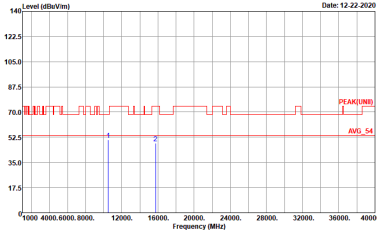
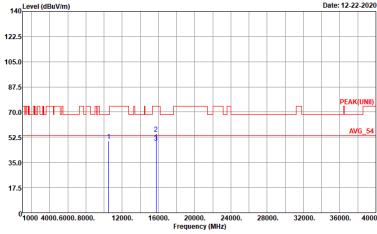
**Band 1 - 5150~5250MHz
(Harmonic @ 3m)**

Band 1 5150~5250MHz Band Edge @ 3m		
ANT	VHT10 CH35 5175MHz	
1	Horizontal	Vertical
Peak Avg.	Site : 03CH02-CA Condition : PEAK(UM) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 50Hz AP Model : 61RN5AST002 SN : 5128T1204100031 Mode : 11ac(10)_Tx_CH35 Plane : Y with Adapter	Site : 03CH02-CA Condition : PEAK(UM) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 50Hz AP Model : 61RN5AST002 SN : 5128T1204100031 Mode : 11ac(10)_Tx_CH35 Plane : Y with Adapter

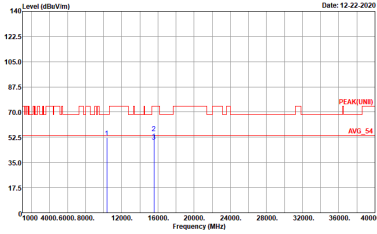
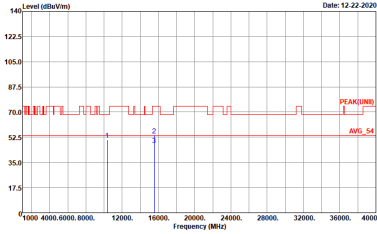


	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT10 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 5128T1204100031 Mode : 11ac(10)_Tx_Ch42 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 5128T1204100031 Mode : 11ac(10)_Tx_Ch42 Plane : Y with Adapter

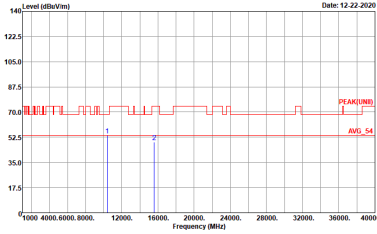
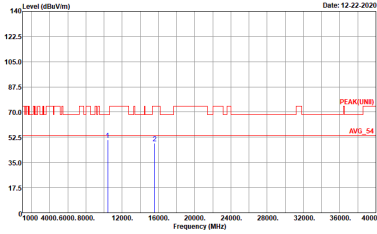


	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT10 CH49 5245MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(10)_Tx_Ch49 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(10)_Tx_Ch49 Plane : Y with Adapter

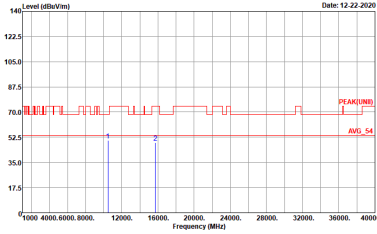
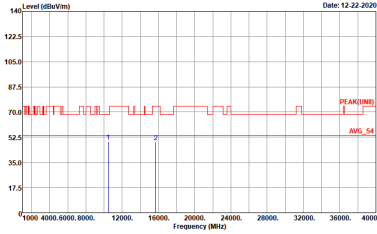


	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter

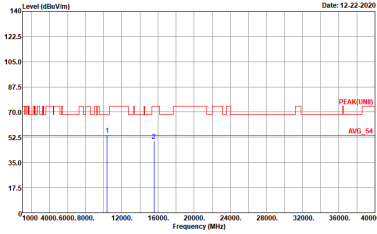
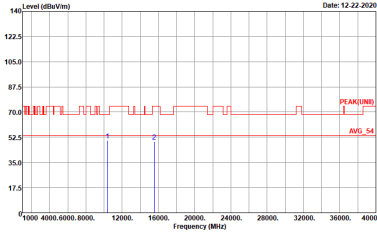


	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch40 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch40 Plane : Y with Adapter

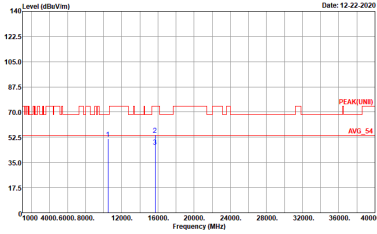
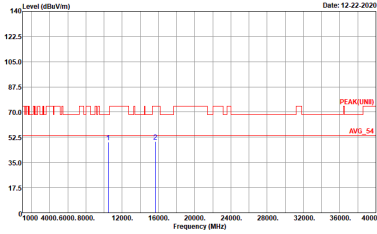


	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UMI) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter

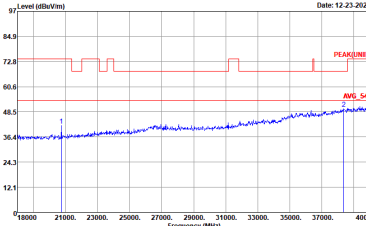
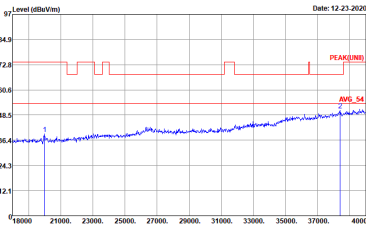


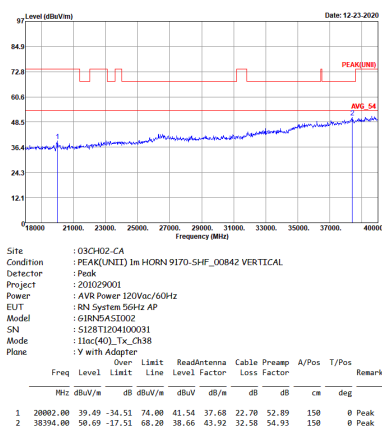
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(40)_Tx_Ch38 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(40)_Tx_Ch38 Plane : Y with Adapter



	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter

Emission above 18GHz
5GHz VHT10 (SHF)

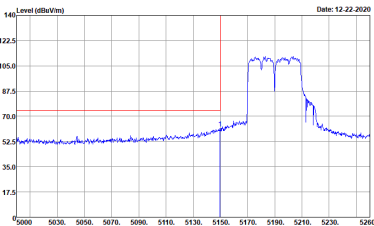
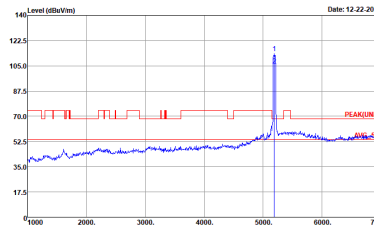
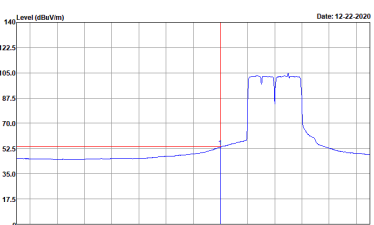
	5GHz																																																																																								
ANT	VHT40 SHF																																																																																								
1	Horizontal					Vertical																																																																																			
Peak Avg.																																																																																									
	Site : 03CH02-CA Condition : PEAK(UNII) Im HORN 9170-SHF_00842 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : GIRONESA51002 SN : S128T1204100031 Mode : 11oc(40)_Tx_Ch38 Plane : Y with Adapter <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preampl</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>20750.00</td><td>41.84</td><td>-32.16</td><td>74.00</td><td>43.16</td><td>37.92</td><td>23.06</td><td>52.76</td><td>150</td><td>0 Peak</td></tr><tr><td>2</td><td>38372.00</td><td>50.02</td><td>-18.18</td><td>68.20</td><td>37.63</td><td>44.28</td><td>32.57</td><td>54.92</td><td>150</td><td>0 Peak</td></tr></table>					Freq	Level	Over Limit	ReadAntenna	Cable	Preampl	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg	1	20750.00	41.84	-32.16	74.00	43.16	37.92	23.06	52.76	150	0 Peak	2	38372.00	50.02	-18.18	68.20	37.63	44.28	32.57	54.92	150	0 Peak	Site : 03CH02-CA Condition : PEAK(UNII) Im HORN 9170-SHF_00842 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : GIRONESA51002 SN : S128T1204100031 Mode : 11oc(40)_Tx_Ch38 Plane : Y with Adapter <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preampl</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>20802.00</td><td>39.49</td><td>-34.51</td><td>74.00</td><td>41.54</td><td>37.68</td><td>22.70</td><td>52.89</td><td>150</td><td>0 Peak</td></tr><tr><td>2</td><td>38394.00</td><td>50.69</td><td>-17.51</td><td>68.20</td><td>38.66</td><td>43.92</td><td>32.58</td><td>54.93</td><td>150</td><td>0 Peak</td></tr></table>					Freq	Level	Over Limit	ReadAntenna	Cable	Preampl	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg	1	20802.00	39.49	-34.51	74.00	41.54	37.68	22.70	52.89	150	0 Peak	2	38394.00	50.69	-17.51	68.20	38.66	43.92	32.58	54.93	150
Freq	Level	Over Limit	ReadAntenna	Cable	Preampl	A/Pos	T/Pos	Remark																																																																																	
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg																																																																																	
1	20750.00	41.84	-32.16	74.00	43.16	37.92	23.06	52.76	150	0 Peak																																																																															
2	38372.00	50.02	-18.18	68.20	37.63	44.28	32.57	54.92	150	0 Peak																																																																															
Freq	Level	Over Limit	ReadAntenna	Cable	Preampl	A/Pos	T/Pos	Remark																																																																																	
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg																																																																																	
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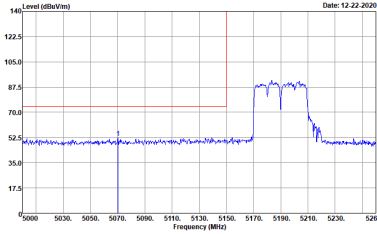
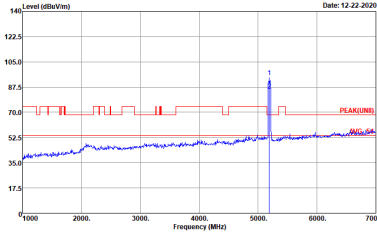
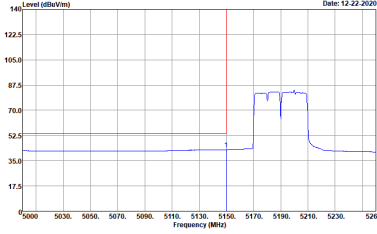


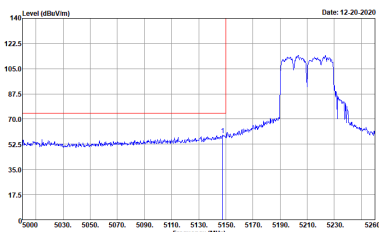
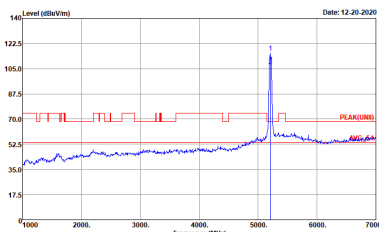
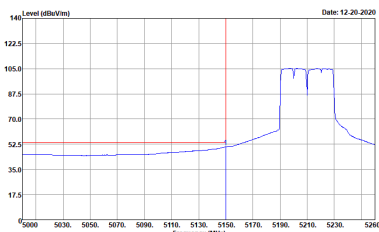
Emission below 1GHz
5GHz VHT10 (LF)

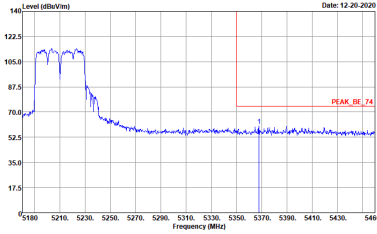
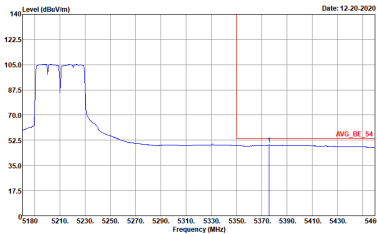
	5GHz																																																																																																																																																																																																	
ANT	VHT10 LF																																																																																																																																																																																																	
1	Horizontal	Vertical																																																																																																																																																																																																
QP / Peak	Level (dBuV/m) Date: 12-24-2020 Site : 03CH02-CA Condition : QP 3m B1LOG 6111D-LF_50392 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RNSA51002 SN : 512811204100031 Mode : 1loc(40)_Tx_Ch38 Plane : Y with Adapter <table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamplifier</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>33.88</td><td>21.74</td><td>-18.26</td><td>40.00</td><td>30.17</td><td>23.06</td><td>0.89</td><td>32.44</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>95.96</td><td>23.96</td><td>-19.54</td><td>43.50</td><td>39.09</td><td>15.60</td><td>1.50</td><td>32.42</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>151.25</td><td>22.55</td><td>-20.95</td><td>43.50</td><td>35.85</td><td>17.10</td><td>1.88</td><td>32.40</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>246.31</td><td>26.65</td><td>-19.35</td><td>46.00</td><td>38.37</td><td>18.13</td><td>2.41</td><td>32.41</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>469.41</td><td>29.41</td><td>-16.59</td><td>46.00</td><td>35.02</td><td>23.39</td><td>3.30</td><td>32.56</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>716.88</td><td>39.28</td><td>-6.72</td><td>46.00</td><td>40.31</td><td>26.97</td><td>4.08</td><td>32.52</td><td>112</td><td>30</td><td>QP</td></tr></table>	Peak	Freq	Level	Limit	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg		1	33.88	21.74	-18.26	40.00	30.17	23.06	0.89	32.44	---	---	Peak	2	95.96	23.96	-19.54	43.50	39.09	15.60	1.50	32.42	---	---	Peak	3	151.25	22.55	-20.95	43.50	35.85	17.10	1.88	32.40	---	---	Peak	4	246.31	26.65	-19.35	46.00	38.37	18.13	2.41	32.41	---	---	Peak	5	469.41	29.41	-16.59	46.00	35.02	23.39	3.30	32.56	---	---	Peak	6	716.88	39.28	-6.72	46.00	40.31	26.97	4.08	32.52	112	30	QP	Level (dBuV/m) Date: 12-24-2020 Site : 03CH02-CA Condition : QP 3m B1LOG 6111D-LF_50392 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RNSA51002 SN : 512811204100031 Mode : 1loc(40)_Tx_Ch38 Plane : Y with Adapter <table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamplifier</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>34.85</td><td>28.08</td><td>-11.92</td><td>40.00</td><td>36.96</td><td>22.58</td><td>0.91</td><td>32.44</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>81.41</td><td>22.47</td><td>-17.53</td><td>40.00</td><td>39.54</td><td>13.74</td><td>1.38</td><td>32.42</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>112.45</td><td>22.82</td><td>-20.68</td><td>43.50</td><td>36.38</td><td>17.15</td><td>1.61</td><td>32.42</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>259.15</td><td>28.38</td><td>-25.62</td><td>46.00</td><td>35.14</td><td>15.22</td><td>2.27</td><td>32.41</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>469.41</td><td>30.33</td><td>-15.67</td><td>46.00</td><td>35.94</td><td>23.39</td><td>3.30</td><td>32.56</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>716.88</td><td>38.84</td><td>-7.16</td><td>46.00</td><td>39.87</td><td>26.97</td><td>4.08</td><td>32.52</td><td>100</td><td>0</td><td>Peak</td></tr></table>	Peak	Freq	Level	Limit	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg		1	34.85	28.08	-11.92	40.00	36.96	22.58	0.91	32.44	---	---	Peak	2	81.41	22.47	-17.53	40.00	39.54	13.74	1.38	32.42	---	---	Peak	3	112.45	22.82	-20.68	43.50	36.38	17.15	1.61	32.42	---	---	Peak	4	259.15	28.38	-25.62	46.00	35.14	15.22	2.27	32.41	---	---	Peak	5	469.41	30.33	-15.67	46.00	35.94	23.39	3.30	32.56	---	---	Peak	6	716.88	38.84	-7.16	46.00	39.87	26.97	4.08	32.52	100	0	Peak
	Peak	Freq	Level	Limit	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Pos	T/Pos	Remark																																																																																																																																																																																						
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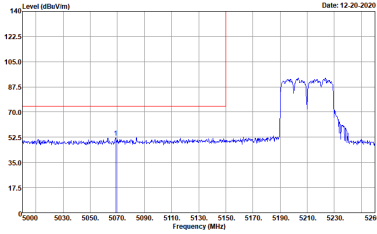
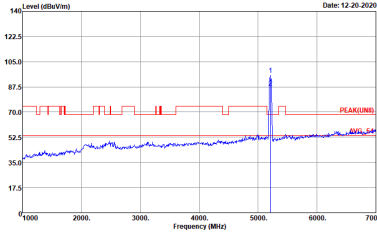
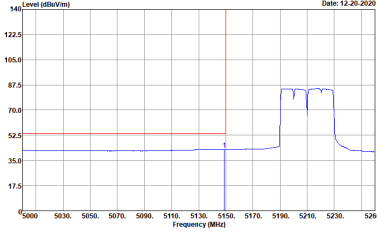
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Band 1 - 5150~5250MHz
(Band Edge @ 3m)

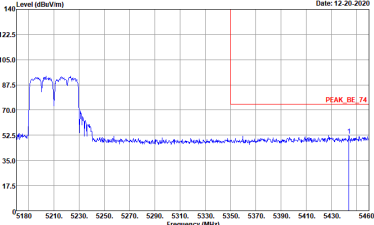
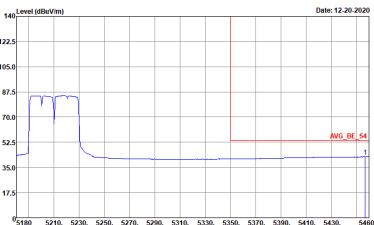
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH40 5200MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch40 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch40 Plane : Y with Adapter
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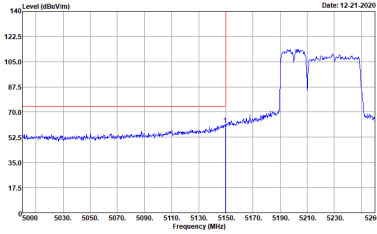
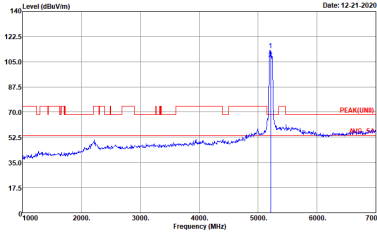
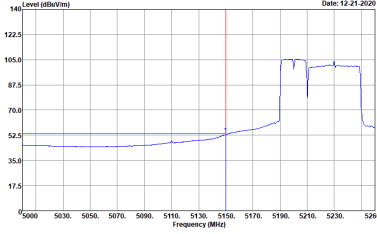
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH40 5200MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch40 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch40 Plane : Y with Adapter
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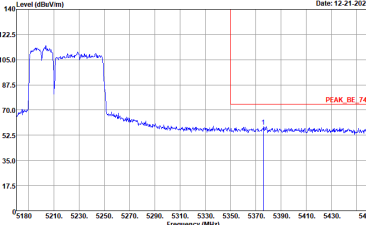
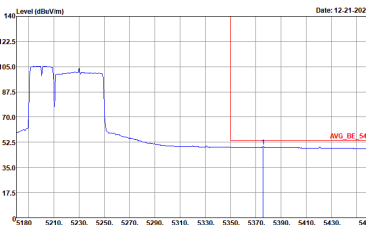
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+VHT20 CH44 5220MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter
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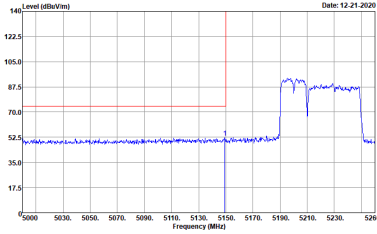
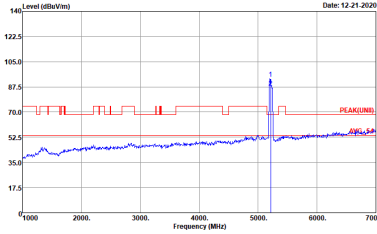
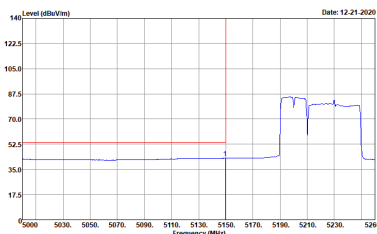
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+VHT20 CH44 5220MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

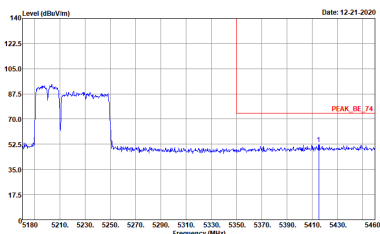
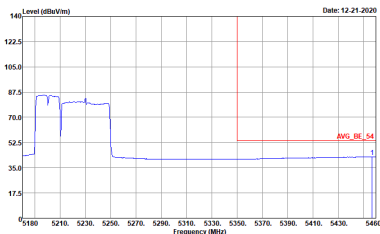
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+VHT20 CH44 5220MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter
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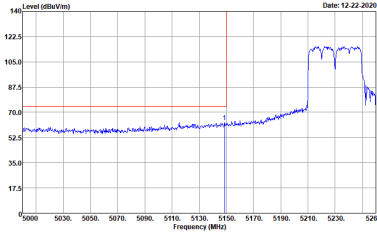
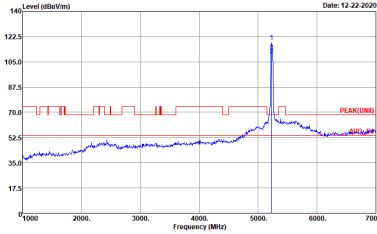
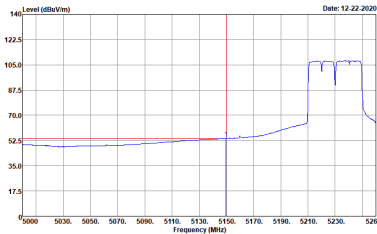
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+VHT20 CH44 5220MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40-11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40-11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

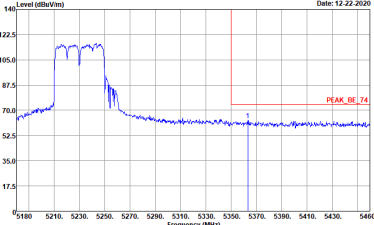
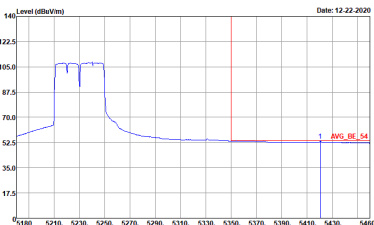
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

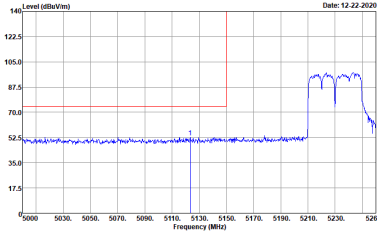
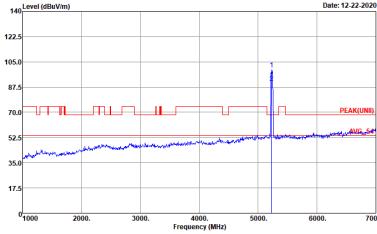
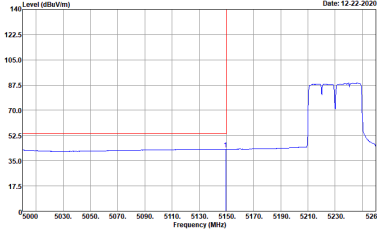
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Voc/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

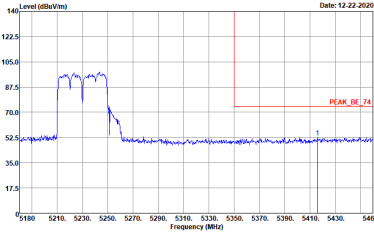
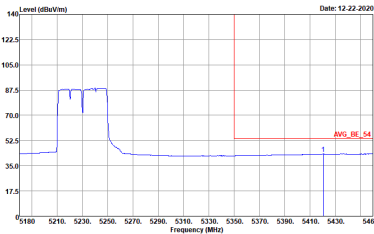
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+ VHT40 CH46 5230MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

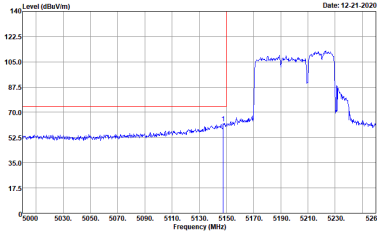
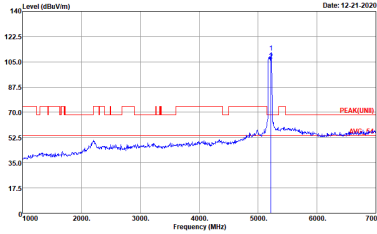
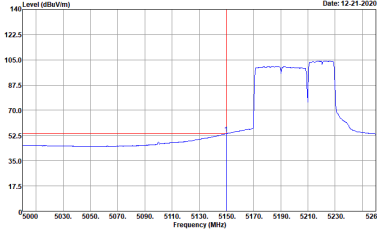
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+ VHT40 CH46 5230MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

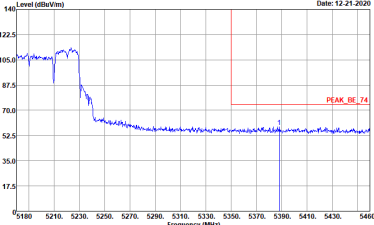
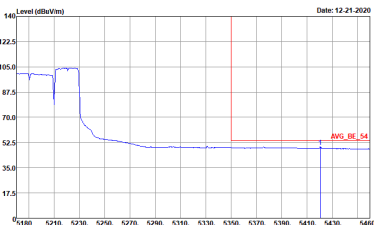
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ANT	VHT20 CH44 5220MHz+ VHT20 CH48 5240MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : Iloc(20)_Tx_Ch44+Iloc(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : Iloc(20)_Tx_Ch44+Iloc(20)_Tx_Ch48 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : Iloc(20)_Tx_Ch44+Iloc(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

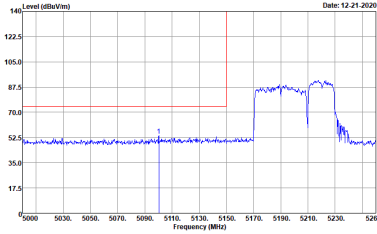
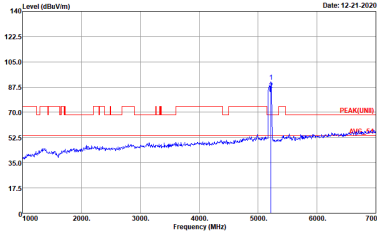
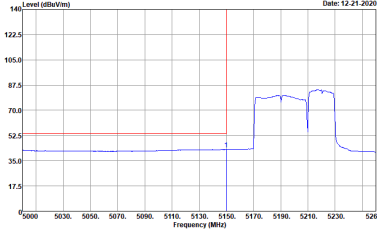
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ANT	VHT20 CH44 5220MHz+ VHT20 CH48 5240MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Wac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Wac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

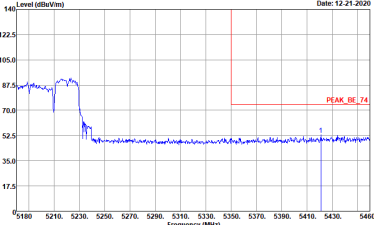
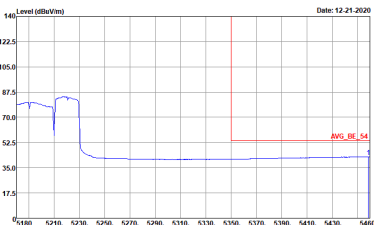
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH44 5220MHz+ VHT20 CH48 5240MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : Iloc(20)_Tx_Ch44+Iloc(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : Iloc(20)_Tx_Ch44+Iloc(20)_Tx_Ch48 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : Iloc(20)_Tx_Ch44+Iloc(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

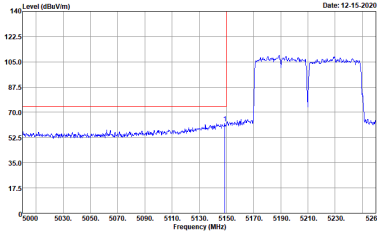
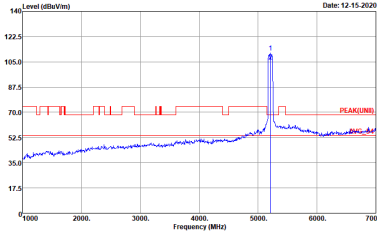
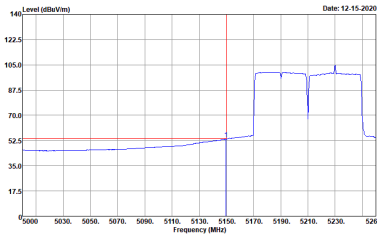
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ANT	VHT20 CH44 5220MHz+ VHT20 CH48 5240MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11oc(20)_Tx_Ch44+11oc(20)_Tx_Ch48 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11oc(20)_Tx_Ch44+11oc(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

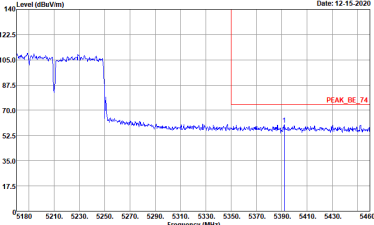
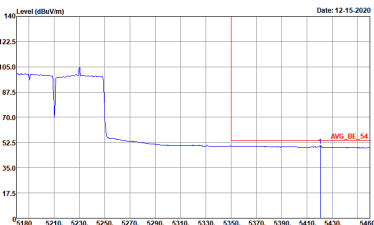
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH44 5220MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch44 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch44 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

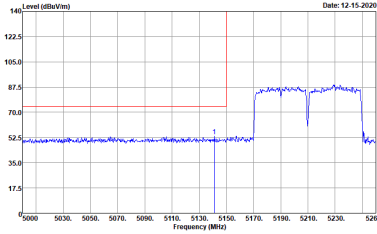
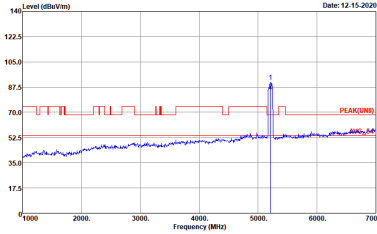
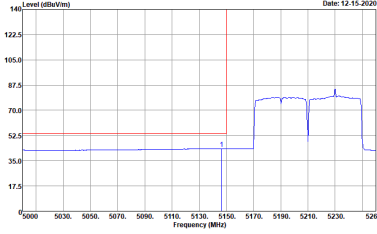
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH44 5220MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11oc(40)_Tx_Ch38+11oc(20)_Tx_Ch44 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11oc(40)_Tx_Ch38+11oc(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

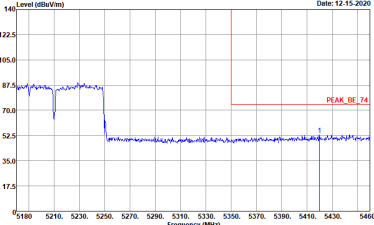
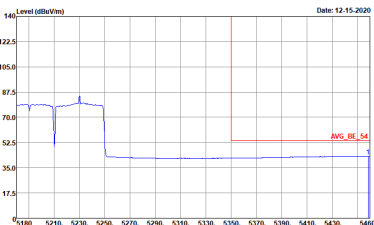
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH44 5220MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch44 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch44 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH44 5220MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : G18N5AS1002 SN : S128T1204100031 Mode : 11oc(40)_Tx_Ch38+11oc(20)_Tx_Ch44 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : G18N5AS1002 SN : S128T1204100031 Mode : 11oc(40)_Tx_Ch38+11oc(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

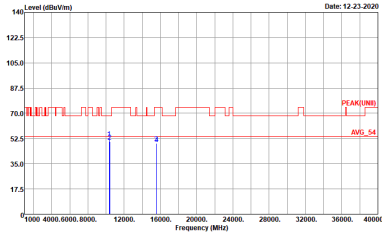
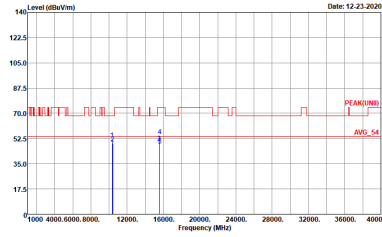
Band 1 5150~5250MHz Band Edge @ 3m		
ANT	VHT40 CH38 5190MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch46 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11oc(40)_Tx_Ch38+11oc(40)_Tx_Ch46 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11oc(40)_Tx_Ch38+11oc(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

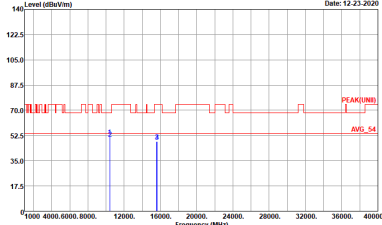
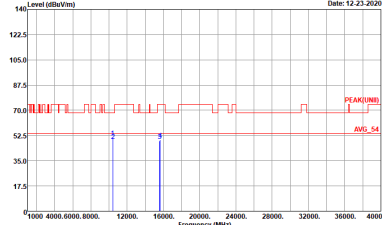
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT40 CH46 5230MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch46 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT40 CH46 5230MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 5128T1204100031 Mode : 11oc(40)_Tx_Ch38+11oc(40)_Tx_Ch46 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 5128T1204100031 Mode : 11oc(40)_Tx_Ch38+11oc(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

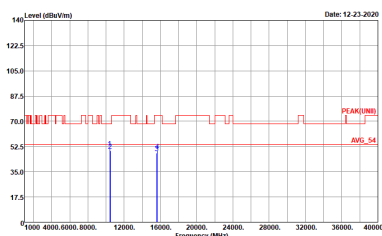
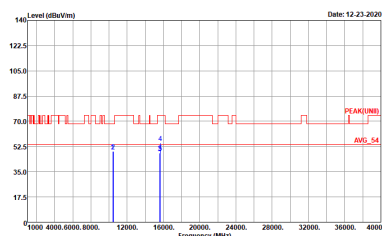
**Band 1 - 5150~5250MHz
(Harmonic @ 3m)**

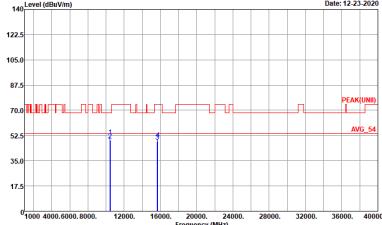
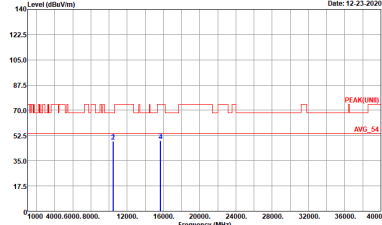
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH40 5200MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618MVAS1002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch40 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618MVAS1002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch40 Plane : Y with Adapter

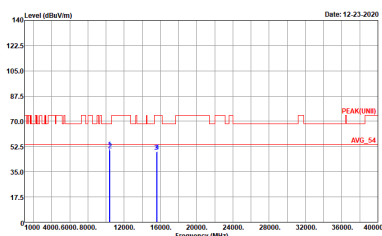
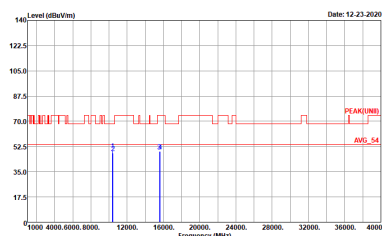


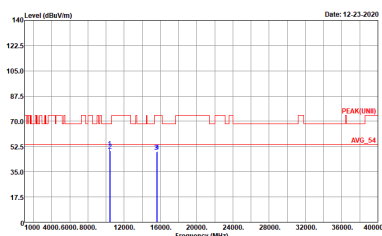
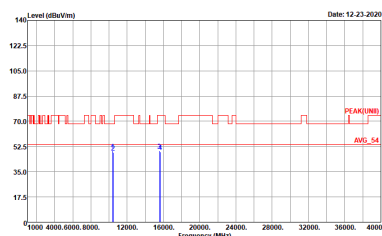
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+VHT20 CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNB) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618RNAS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNB) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618RNAS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter



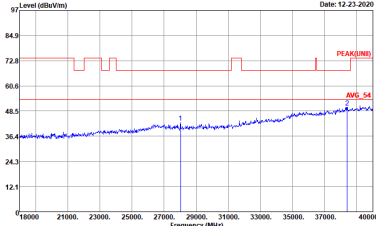
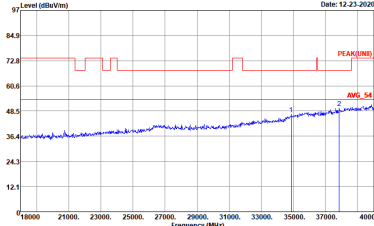
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNB) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618RNAS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNB) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618RNAS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter

	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH44 5220MHz+ VHT20 CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618RNAS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618RNAS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter

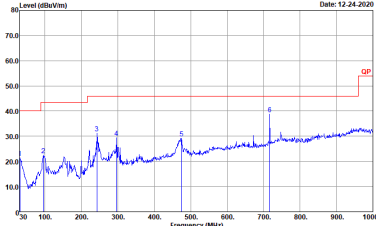
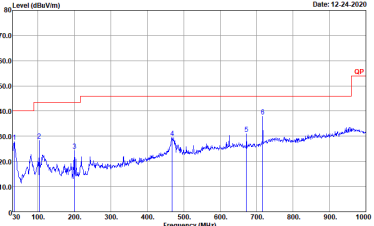
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618RNAS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch44 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618RNAS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch44 Plane : Y with Adapter

	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618RNAS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618RNAS1002 SN : S128T1204100031 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch46 Plane : Y with Adapter

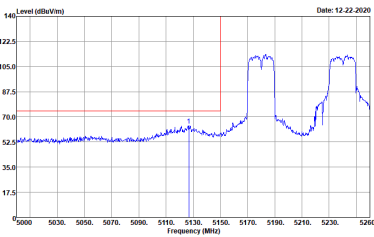
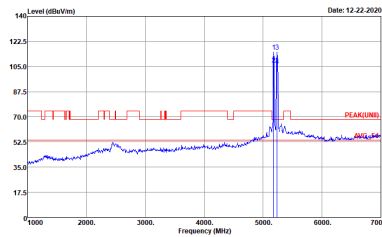
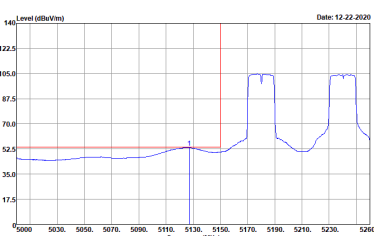
Emission above 18GHz
5GHz VHT20 (SHF)

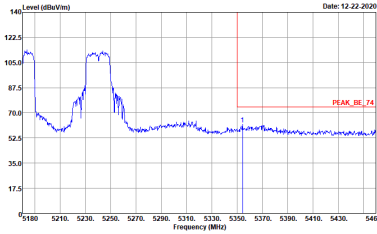
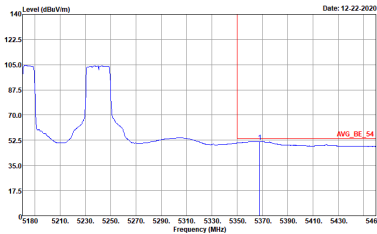
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ANT	VHT20+ VHT20 SHF																																																																																	
1+2	Horizontal	Vertical																																																																																
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 1m HORN 9170-SHF_00842 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Wac/60Hz EUT : RN System 56Hz AP Model : G1RN5AS1002 SN : 512871204100031 Mode : 11oc(20)_Tx_Ch36+11oc(20)_Tx_Ch40 Plane : Y with Adapter <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pus</th><th>T/Pus</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 28032.00</td><td>43.81</td><td>-25.19</td><td>68.20</td><td>38.16</td><td>39.48</td><td>27.44</td><td>52.53</td><td>150</td><td>0 Peak</td></tr><tr><td>2 38394.00</td><td>58.32</td><td>-17.88</td><td>68.20</td><td>38.29</td><td>43.92</td><td>32.58</td><td>54.93</td><td>150</td><td>0 Peak</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pus	T/Pus	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1 28032.00	43.81	-25.19	68.20	38.16	39.48	27.44	52.53	150	0 Peak	2 38394.00	58.32	-17.88	68.20	38.29	43.92	32.58	54.93	150	0 Peak	 Site : 03CH02-CA Condition : PEAK(UNII) 1m HORN 9170-SHF_00842 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Wac/60Hz EUT : RN System 56Hz AP Model : G1RN5AS1002 SN : 512871204100031 Mode : 11oc(20)_Tx_Ch36+11oc(20)_Tx_Ch40 Plane : Y with Adapter <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pus</th><th>T/Pus</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 34852.00</td><td>46.98</td><td>-21.22</td><td>68.20</td><td>37.79</td><td>41.40</td><td>31.00</td><td>53.67</td><td>150</td><td>0 Peak</td></tr><tr><td>2 37844.00</td><td>49.97</td><td>-18.23</td><td>68.20</td><td>38.08</td><td>43.81</td><td>32.38</td><td>54.76</td><td>150</td><td>0 Peak</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pus	T/Pus	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1 34852.00	46.98	-21.22	68.20	37.79	41.40	31.00	53.67	150	0 Peak	2 37844.00	49.97	-18.23	68.20	38.08	43.81	32.38	54.76	150	0 Peak
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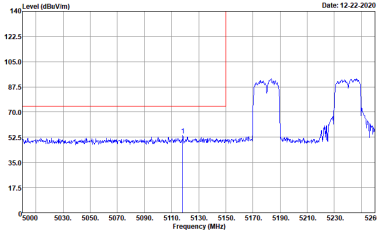
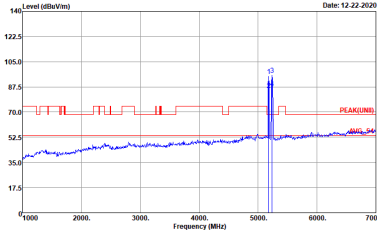
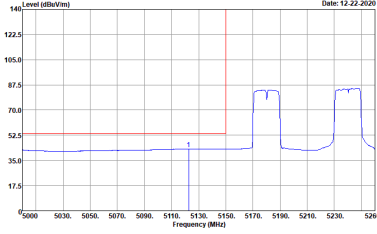
Emission below 1GHz
5GHz VHT20 (LF)

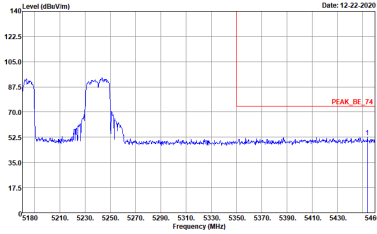
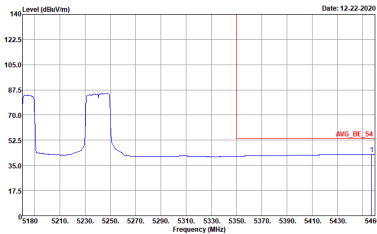
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QP / Peak	 Site : 03CH02-CA Condition : QP 3m B1LOG 6111D-LF_50392 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 6IRN5AS1002 SN : 512871204100031 Mode : 11oc(20)_Tx_Ch36+11oc(20)_Tx_Ch40 Plane : Y with Adapter <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pus</th><th>T/Pus</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>30.97</td><td>21.43</td><td>-18.57</td><td>40.00</td><td>28.26</td><td>24.71</td><td>0.85</td><td>32.44</td><td>--- Peak</td></tr><tr><td>2</td><td>95.96</td><td>22.54</td><td>-20.96</td><td>43.50</td><td>37.67</td><td>15.60</td><td>1.50</td><td>32.42</td><td>--- Peak</td></tr><tr><td>3</td><td>242.43</td><td>31.14</td><td>-14.86</td><td>46.00</td><td>43.42</td><td>17.59</td><td>2.39</td><td>32.41</td><td>--- Peak</td></tr><tr><td>4</td><td>296.75</td><td>29.38</td><td>-16.62</td><td>46.00</td><td>39.81</td><td>19.20</td><td>2.64</td><td>32.43</td><td>--- Peak</td></tr><tr><td>5</td><td>474.26</td><td>29.22</td><td>-16.78</td><td>46.00</td><td>34.82</td><td>23.40</td><td>3.32</td><td>32.57</td><td>--- Peak</td></tr><tr><td>6</td><td>716.88</td><td>38.67</td><td>-7.33</td><td>46.00</td><td>39.70</td><td>26.97</td><td>4.08</td><td>32.52</td><td>100 0 Peak</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pus	T/Pus	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg		1	30.97	21.43	-18.57	40.00	28.26	24.71	0.85	32.44	--- Peak	2	95.96	22.54	-20.96	43.50	37.67	15.60	1.50	32.42	--- Peak	3	242.43	31.14	-14.86	46.00	43.42	17.59	2.39	32.41	--- Peak	4	296.75	29.38	-16.62	46.00	39.81	19.20	2.64	32.43	--- Peak	5	474.26	29.22	-16.78	46.00	34.82	23.40	3.32	32.57	--- Peak	6	716.88	38.67	-7.33	46.00	39.70	26.97	4.08	32.52	100 0 Peak	 Site : 03CH02-CA Condition : QP 3m B1LOG 6111D-LF_50392 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 6IRN5AS1002 SN : 512871204100031 Mode : 11oc(20)_Tx_Ch36+11oc(20)_Tx_Ch40 Plane : Y with Adapter <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pus</th><th>T/Pus</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1</td><td>34.85</td><td>27.91</td><td>-12.09</td><td>40.00</td><td>36.79</td><td>22.38</td><td>0.91</td><td>32.44</td><td>--- Peak</td></tr><tr><td>2</td><td>103.72</td><td>28.32</td><td>-15.18</td><td>43.50</td><td>42.67</td><td>16.37</td><td>1.56</td><td>32.42</td><td>--- Peak</td></tr><tr><td>3</td><td>199.75</td><td>24.29</td><td>-19.21</td><td>43.50</td><td>39.36</td><td>15.00</td><td>2.17</td><td>32.40</td><td>--- Peak</td></tr><tr><td>4</td><td>468.44</td><td>29.36</td><td>-16.64</td><td>46.00</td><td>34.98</td><td>23.37</td><td>3.30</td><td>32.56</td><td>--- Peak</td></tr><tr><td>5</td><td>672.14</td><td>30.95</td><td>-15.05</td><td>46.00</td><td>33.84</td><td>26.20</td><td>3.93</td><td>32.59</td><td>--- Peak</td></tr><tr><td>6</td><td>716.88</td><td>37.91</td><td>-8.09</td><td>46.00</td><td>38.94</td><td>26.97</td><td>4.08</td><td>32.52</td><td>100 0 Peak</td></tr></tbody></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pus	T/Pus	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg		1	34.85	27.91	-12.09	40.00	36.79	22.38	0.91	32.44	--- Peak	2	103.72	28.32	-15.18	43.50	42.67	16.37	1.56	32.42	--- Peak	3	199.75	24.29	-19.21	43.50	39.36	15.00	2.17	32.40	--- Peak	4	468.44	29.36	-16.64	46.00	34.98	23.37	3.30	32.56	--- Peak	5	672.14	30.95	-15.05	46.00	33.84	26.20	3.93	32.59	--- Peak	6	716.88	37.91	-8.09	46.00	38.94	26.97	4.08	32.52	100 0 Peak
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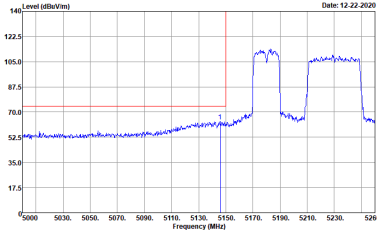
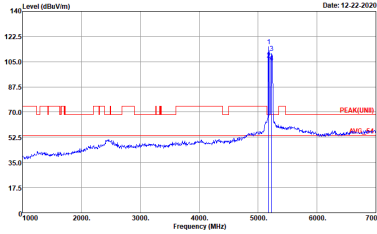
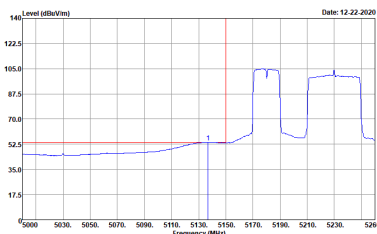
<Multi Carrier Report (Non-Contiguous)>
Band 1 - 5150~5250MHz
(Band Edge @ 3m)

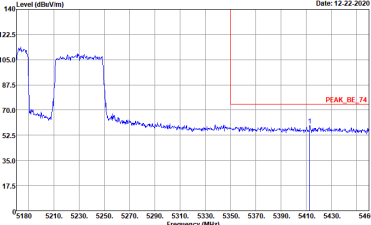
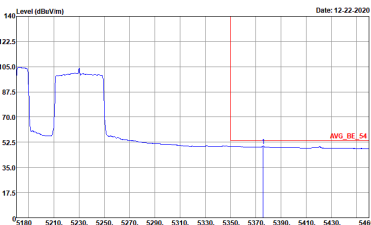
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ANT	VHT20 CH36 5180MHz+VHT20 CH48 5240MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Power : 201029001 EUT : AVR Power 120Vac/60Hz Model : RN System 56Hz AP SN : 618N6AS1002 Mode : 5128T1204100031 Plane : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Power : 201029001 EUT : AVR Power 120Vac/60Hz Model : RN System 56Hz AP SN : 618N6AS1002 Mode : 5128T1204100031 Plane : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Power : 201029001 EUT : AVR Power 120Vac/60Hz Model : RN System 56Hz AP SN : 618N6AS1002 Mode : 5128T1204100031 Plane : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 : Y with Adapter	Left blank

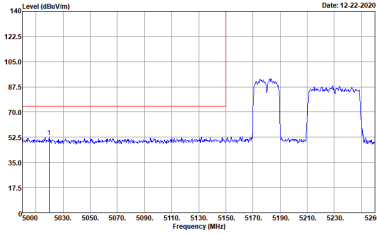
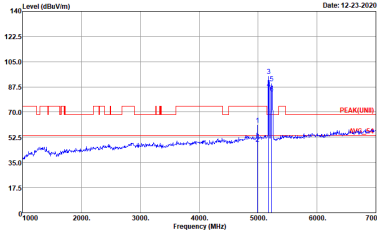
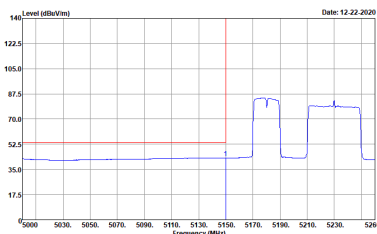
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH48 5240MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 5128T1204100031 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank
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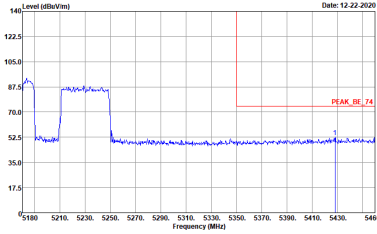
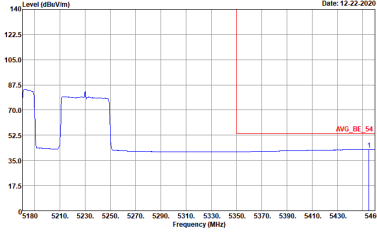
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ANT	VHT20 CH36 5180MHz+VHT20 CH48 5240MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 Plane : Y with Adapter
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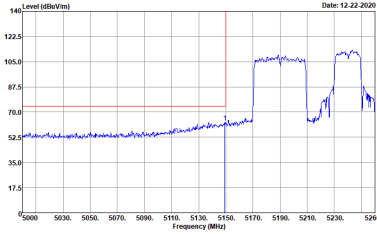
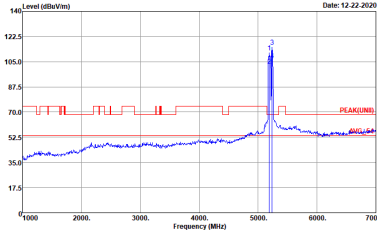
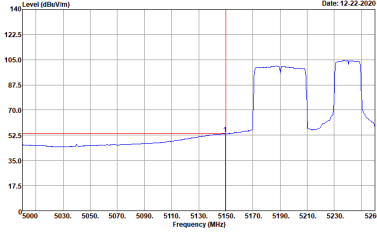
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH48 5240MHz	
1+2	Vertical	Fundamental
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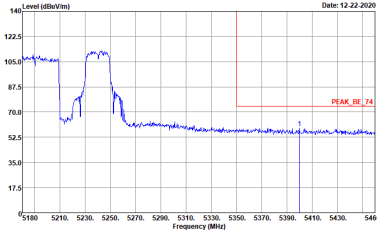
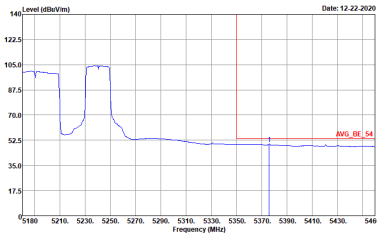
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ANT	VHT20 CH36 5180MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-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 : 618N6AS1002 SN : S128T1204100031 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter
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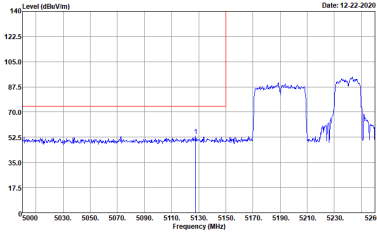
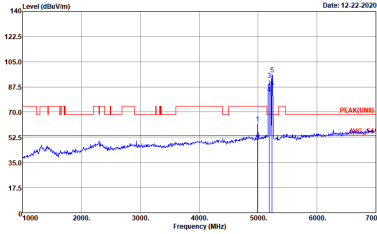
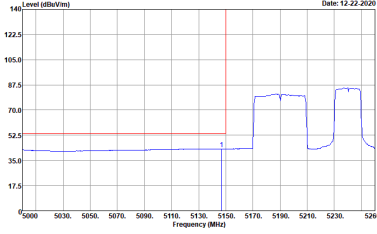
	Band 1 5150~5250MHz Band Edge @ 3m	
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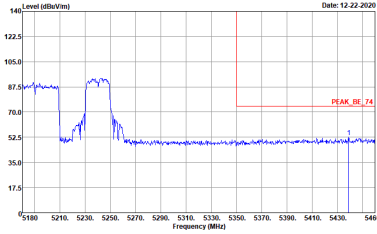
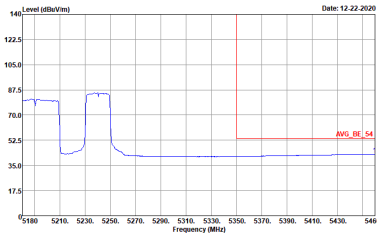
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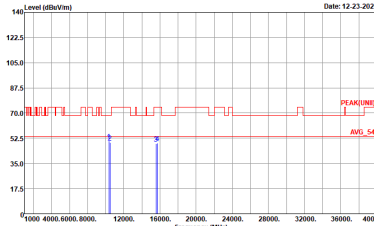
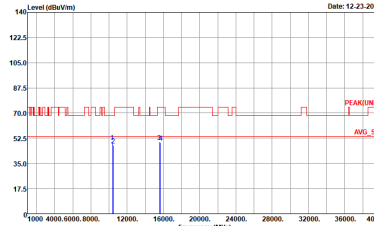
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH48 5240MHz	
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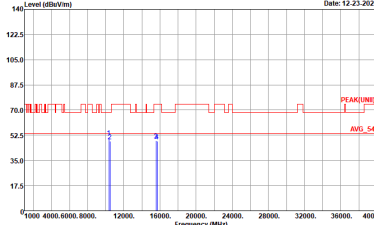
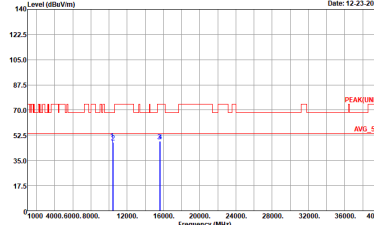
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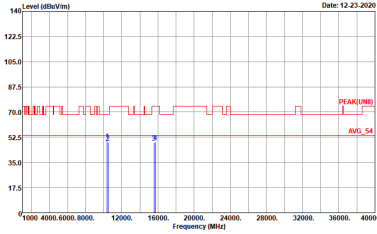
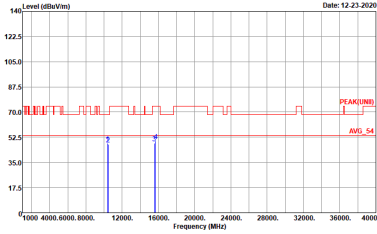
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**Band 1 - 5150~5250MHz
(Harmonic @ 3m)**

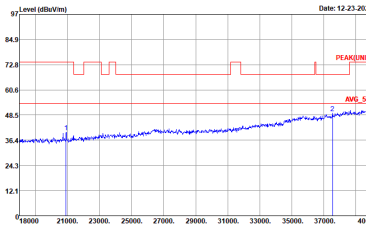
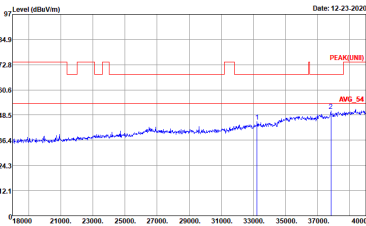
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 9120D-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5A51002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 9120D-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5A51002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 Plane : Y with Adapter

	Band 1 5150~5250MHz Band Edge @ 3m	
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	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 56Hz AP Model : 618N5AS1002 SN : 512811204100031 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch48 Plane : Y with Adapter

**Emission above 18GHz
5GHz VHT20+VHT40 (SHF)**

	5GHz																																																																																								
ANT	VHT20+VHT40 SHF																																																																																								
1+2	Horizontal					Vertical																																																																																			
Peak Avg.																																																																																									
	Site : 03CH02-CA Condition : PEAK(UNIT) 1m HORN 9170-SHF_00842 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5AS1002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 20920.00</td><td>40.14</td><td>-33.86</td><td>74.00</td><td>41.18</td><td>37.99</td><td>23.15</td><td>52.64</td><td>150</td><td>0 Peak</td></tr><tr><td>2 37336.00</td><td>49.53</td><td>-18.67</td><td>68.20</td><td>37.99</td><td>43.42</td><td>32.25</td><td>54.59</td><td>150</td><td>0 Peak</td></tr></tbody></table>					Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg		1 20920.00	40.14	-33.86	74.00	41.18	37.99	23.15	52.64	150	0 Peak	2 37336.00	49.53	-18.67	68.20	37.99	43.42	32.25	54.59	150	0 Peak	Site : 03CH02-CA Condition : PEAK(UNIT) 1m HORN 9170-SHF_00842 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 6IRN5AS1002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 33224.00</td><td>45.33</td><td>-22.87</td><td>68.20</td><td>37.45</td><td>41.17</td><td>30.05</td><td>53.80</td><td>150</td><td>0 Peak</td></tr><tr><td>2 37822.00</td><td>50.48</td><td>-17.72</td><td>68.20</td><td>38.73</td><td>43.64</td><td>32.37</td><td>54.72</td><td>150</td><td>0 Peak</td></tr></tbody></table>					Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg		1 33224.00	45.33	-22.87	68.20	37.45	41.17	30.05	53.80	150	0 Peak	2 37822.00	50.48	-17.72	68.20	38.73	43.64	32.37	54.72	150
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark																																																																																
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Emission below 1GHz
5GHz VHT20+VHT40 (LF)

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QP / Peak	Level (dBuV/m) Date: 12-24-2020 Site : 03CH02-CA Condition : QP 3m B1LO6 6111D-LF_50392 HORIZONTAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RNSA51002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter <table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Line</th><th>ReadAntenna</th><th>Cable</th><th>Preamplifier</th><th>Loss Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>95.96</td><td>23.42</td><td>-20.00</td><td>43.50</td><td>35.55</td><td>15.68</td><td>1.58</td><td>32.42</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>172.59</td><td>24.29</td><td>-19.21</td><td>43.50</td><td>39.02</td><td>15.54</td><td>2.01</td><td>32.41</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>248.25</td><td>32.59</td><td>-13.41</td><td>46.00</td><td>44.11</td><td>18.32</td><td>2.42</td><td>32.41</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>290.75</td><td>38.45</td><td>-15.55</td><td>46.00</td><td>49.88</td><td>19.20</td><td>2.64</td><td>32.43</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>472.32</td><td>29.70</td><td>-16.30</td><td>46.00</td><td>35.29</td><td>23.40</td><td>3.31</td><td>32.56</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>716.88</td><td>37.87</td><td>-8.13</td><td>46.00</td><td>38.90</td><td>26.97</td><td>4.08</td><td>32.52</td><td>100</td><td>0</td><td>Peak</td><td>Peak</td></tr></table>						Peak	Freq	Level	Limit	Over	Line	ReadAntenna	Cable	Preamplifier	Loss Factor	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	dB	cm	deg		1	95.96	23.42	-20.00	43.50	35.55	15.68	1.58	32.42	---	---	---	Peak	2	172.59	24.29	-19.21	43.50	39.02	15.54	2.01	32.41	---	---	---	Peak	3	248.25	32.59	-13.41	46.00	44.11	18.32	2.42	32.41	---	---	---	Peak	4	290.75	38.45	-15.55	46.00	49.88	19.20	2.64	32.43	---	---	---	Peak	5	472.32	29.70	-16.30	46.00	35.29	23.40	3.31	32.56	---	---	---	Peak	6	716.88	37.87	-8.13	46.00	38.90	26.97	4.08	32.52	100	0	Peak	Peak	Level (dBuV/m) Date: 12-24-2020 Site : 03CH02-CA Condition : QP 3m B1LO6 6111D-LF_50392 VERTICAL Detector : Peak Project : 201029001 Power : AVR Power 120Vac/60Hz EUT : RN System 5GHz AP Model : 61RNSA51002 SN : 512811204100031 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter <table><tr><th>Peak</th><th>Freq</th><th>Level</th><th>Limit</th><th>Over</th><th>Line</th><th>ReadAntenna</th><th>Cable</th><th>Preamplifier</th><th>Loss Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>34.85</td><td>27.89</td><td>-12.11</td><td>40.00</td><td>36.77</td><td>22.58</td><td>0.91</td><td>32.44</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>80.44</td><td>22.43</td><td>-17.57</td><td>40.00</td><td>39.67</td><td>13.59</td><td>1.37</td><td>32.42</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>114.39</td><td>23.18</td><td>-20.32</td><td>43.50</td><td>36.63</td><td>17.24</td><td>1.63</td><td>32.42</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>220.12</td><td>25.62</td><td>-20.38</td><td>46.00</td><td>48.29</td><td>15.31</td><td>2.27</td><td>32.41</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>470.38</td><td>29.52</td><td>-16.48</td><td>46.00</td><td>35.11</td><td>23.40</td><td>3.31</td><td>32.56</td><td>---</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>716.88</td><td>39.08</td><td>-6.92</td><td>46.00</td><td>40.11</td><td>26.97</td><td>4.08</td><td>32.52</td><td>100</td><td>0</td><td>Peak</td><td>Peak</td></tr></table>						Peak	Freq	Level	Limit	Over	Line	ReadAntenna	Cable	Preamplifier	Loss Factor	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	dB	cm	deg		1	34.85	27.89	-12.11	40.00	36.77	22.58	0.91	32.44	---	---	---	Peak	2	80.44	22.43	-17.57	40.00	39.67	13.59	1.37	32.42	---	---	---	Peak	3	114.39	23.18	-20.32	43.50	36.63	17.24	1.63	32.42	---	---	---	Peak	4	220.12	25.62	-20.38	46.00	48.29	15.31	2.27	32.41	---	---	---	Peak	5	470.38	29.52	-16.48	46.00	35.11	23.40	3.31	32.56	---	---	---	Peak	6	716.88	39.08	-6.92	46.00	40.11	26.97	4.08	32.52	100	0	Peak	Peak
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Appendix E. Duty Cycle Plots

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

