



FCC RADIO TEST REPORT

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

The product was received on Oct. 02, 2020 and testing was started from Oct. 12, 2020 and completed on Dec. 18, 2020. We, Sporton International (USA) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Approved by: Neil Kao

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

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History of this test report

Report No.	Version	Description	Issued Date
FR200624001A	01	Initial issue of report	Dec. 30, 2020
FR200624001A	02	Revise power spectral density	Dec. 31, 2020

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 0.62 dB at 716.800 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 3.99 dB at 0.492 MHz
3.6	15.407 (c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 & 15.407 (a)	Antenna Requirement	Pass	-

Declaration of Conformity:

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

Comments and Explanations:

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



1 General Description

1.1 Product Feature of Equipment Under Test

5 GHz Access Point

Product Specification subjective to this standard	
Antenna Type	Array Antenna
Antenna Gain	5GHz (Band 1): 16.5 dBi

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

1.2 Modification of EUT

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

1.3 Testing Location

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

1.4 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

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

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36*	5180	44*	5220
	38 [#]	5190	46 [#]	5230
	40*	5200	48*	5240

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)	20	5180	5200	5240
	40	5190	N/A	5230

Multi Carrier (Contiguous)

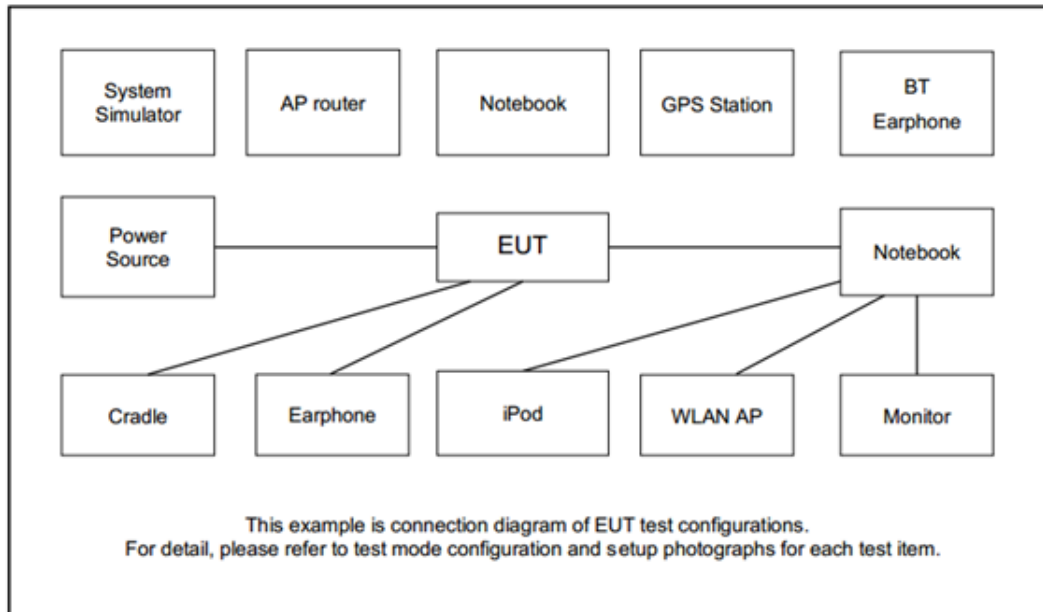
Frequency Band	Bandwidth (MHz)	Low channel Frequency (MHz)	Middle channel Frequency (MHz)	High channel Frequency (MHz)
5150-5250 MHz (U-NII-1)	20 + 20	5180 + 5200	5200 + 5220	5220 + 5240
	20 + 40	N/A	5200 + 5230	N/A
	40 + 20	N/A	5190 + 5220	N/A
	40 + 40	N/A	5190 + 5230	N/A

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

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

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

2.5 EUT Operation Test Setup

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

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

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

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

3 Test Result

3.1 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.

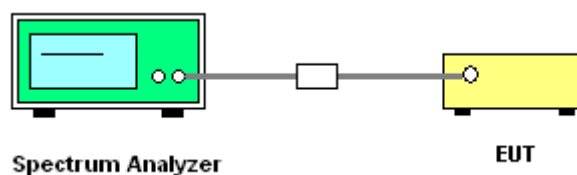
3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

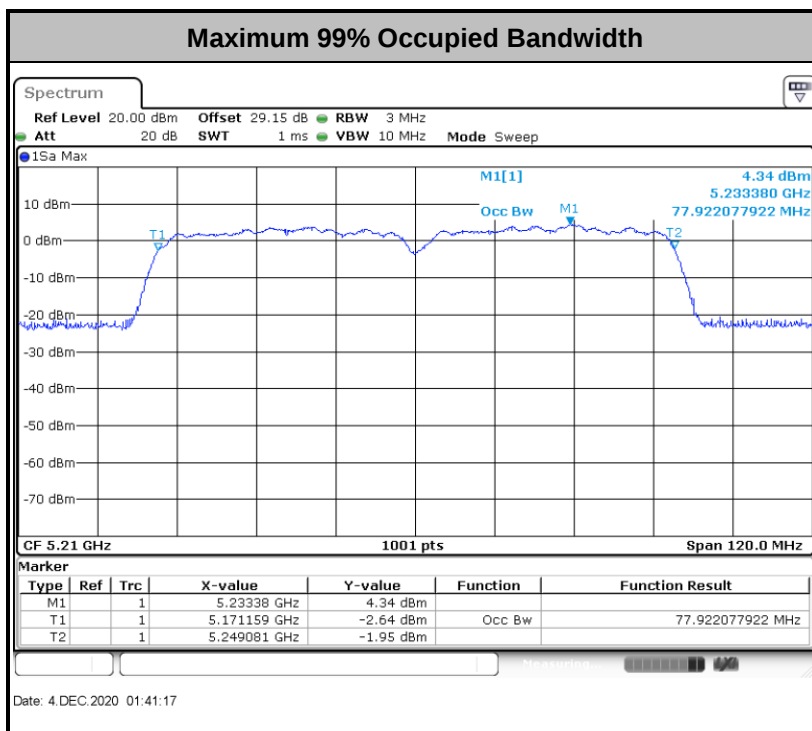
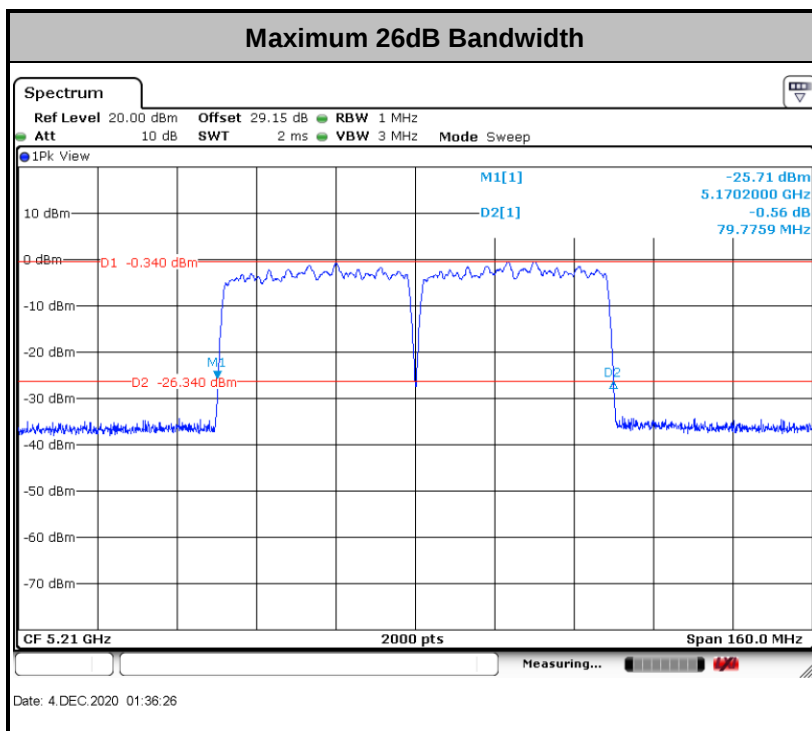
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
2. Set center frequency to the nominal EUT channel center frequency.
3. Set span = 1.5 times to 5.0 times the OBW.
4. Set RBW = 1% to 5% of the OBW
5. Set the VBW $\geq 3 \times$ RBW.
6. Detector = Peak.
7. Trace 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 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 an outdoor access point 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 provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

Note: The evidence to prove this requirement is the antenna pattern provided by manufacturer that a 15 dBc or above suppression compared to maximum 36dBm EIRP power for mounting elevation angle above 30 degrees will be provided in the antenna report filing. Hence, there is no additional elevation angle measurement in this test report.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

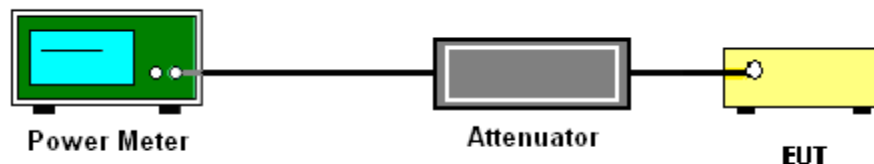
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

Method SA-2

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

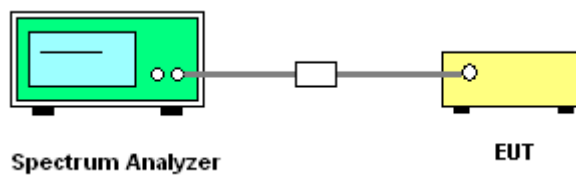
- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1MHz.
 - Set VBW = 3MHz.
 - Number of points in sweep ≥ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$,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

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

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

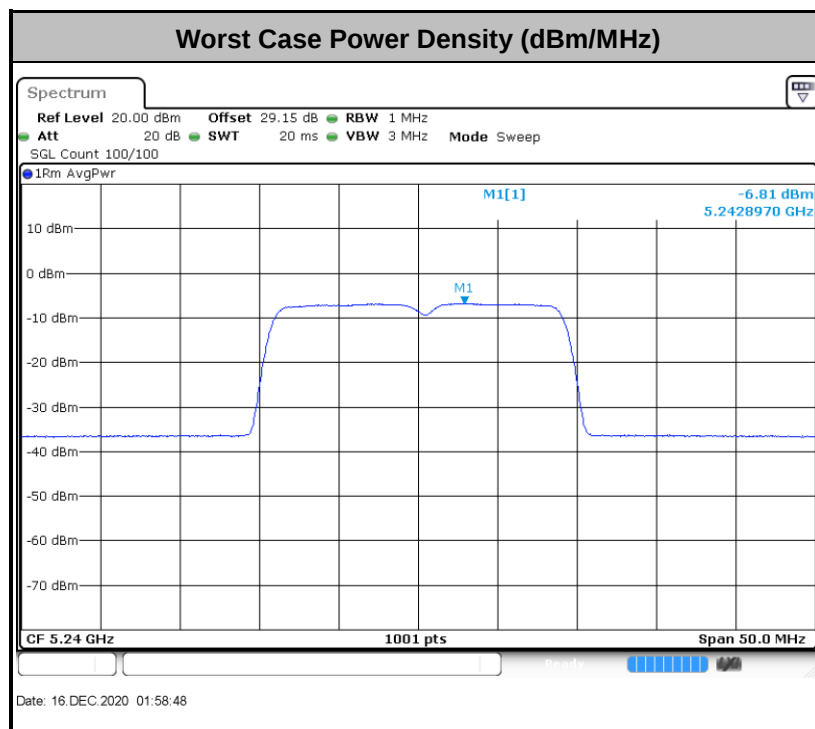
With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity $10 \log(N_{\text{ANT}})$ dB is added to each spectrum value before comparing to the emission limit. The addition of $10 \log(N_{\text{ANT}})$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

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

- (1) For transmitters operating in the 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

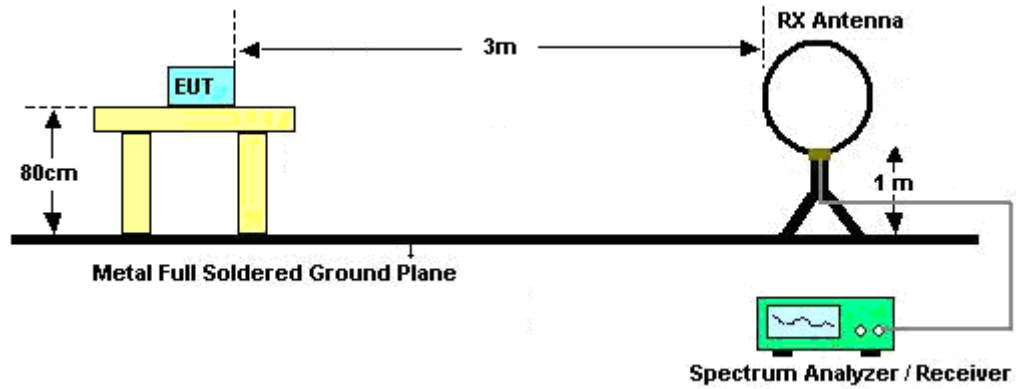
See list of measuring equipment of this test report.

3.4.3 Test Procedures

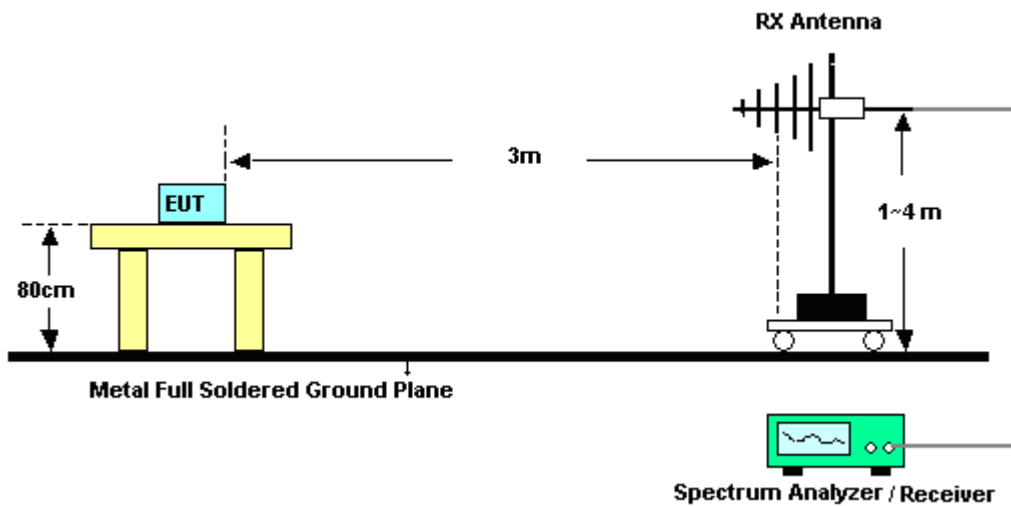
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak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

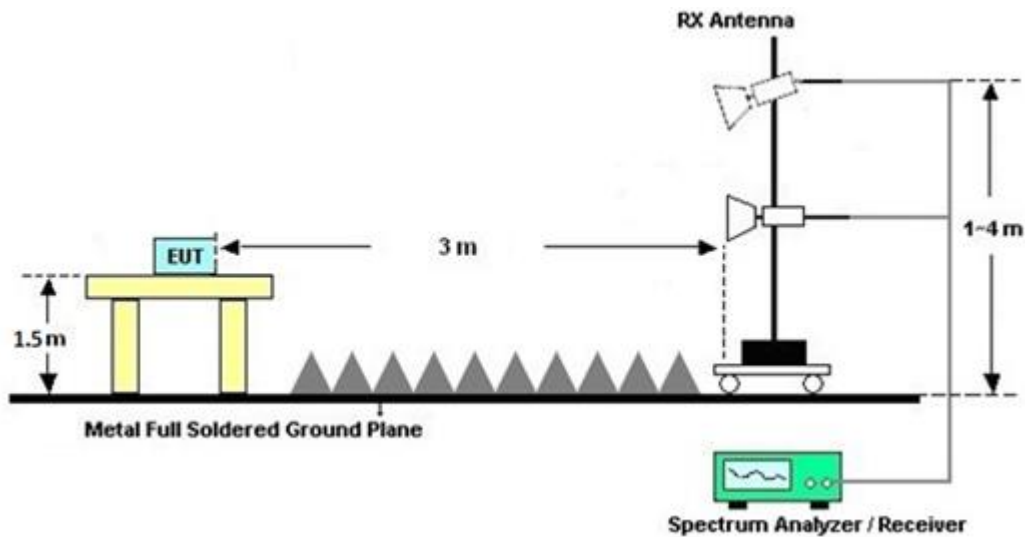
For radiated emissions below 30MHz



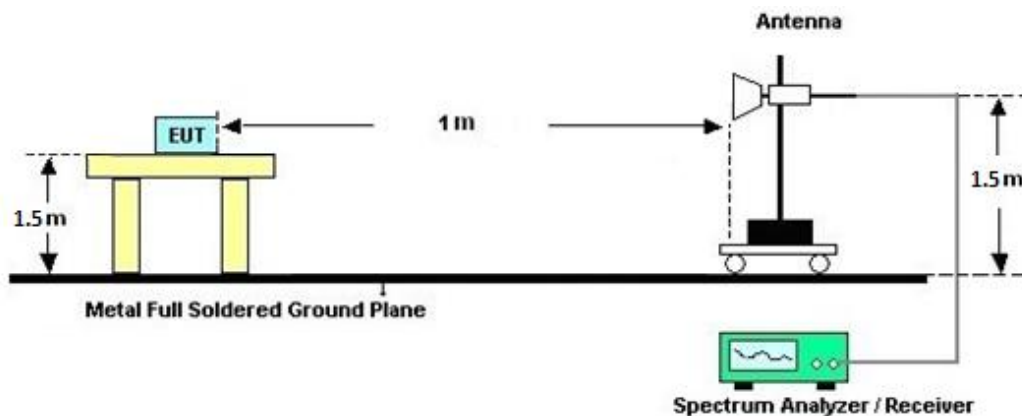
For radiated emissions from 30MHz to 1GHz



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.

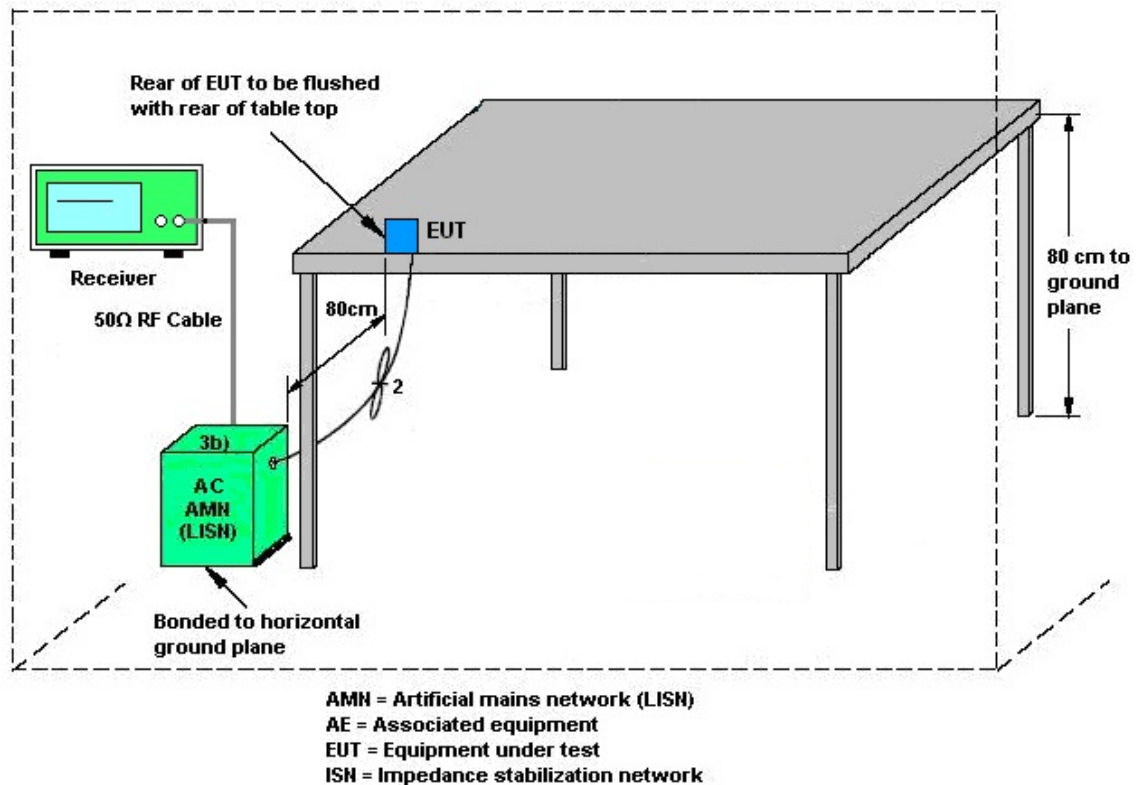
3.5.2 Measuring Instruments

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

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The device can support MIMO with cross-polarized antenna.

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

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

According to FCC KDB 662911 D01 Multiple Transmitter Output v02r01

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

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

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

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

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

			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	G_{ant} (dBi)	$10\log(8/6)$ (dB)				
Band I	16.50	1.25	17.75	17.75	11.75	11.75

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

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



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	Testo	608-H1	45142595	N/A	Aug. 05, 2020	Dec. 03, 2020 ~ Dec. 18, 2020	Aug. 04, 2021	Conducted (TH01-CA)
Power Sensor	DARE	RPR3006W	RPR6W-1901026	10MHz-6GHz	Jun. 24, 2020	Dec. 03, 2020 ~ Dec. 18, 2020	Jun. 23, 2021	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV13	101559	10Hz-13.6GHz	Jun. 17, 2020	Dec. 03, 2020 ~ Dec. 18, 2020	Jun. 16, 2021	Conducted (TH01-CA)
LISN	TESEQ	NNB51	47407	N/A	Jul. 06, 2020	Oct. 12, 2020	Jul. 05, 2021	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	9KHz~7GHz	Jul. 16, 2020	Oct. 12, 2020	Jul. 15, 2021	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	R&S	VTSD 9561-FN	9561-F-N00412	N/A	Jul. 08, 2020	Oct. 12, 2020	Jul. 07, 2021	Conduction (CO01-CA)
Test Software	R&S	EMC32 V10.30.0	N/A	N/A	N/A	Oct. 12, 2020	N/A	Conduction (CO01-CA)
Bilog Antenna	TESEQ	6111D	50392	30MHz~1GHz	Jul. 29, 2020	Dec. 07, 2020 ~ Dec. 14, 2020	Jul. 28, 2021	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	01895	1GHz~18GHz	Aug. 28, 2020	Dec. 07, 2020 ~ Dec. 14, 2020	Aug. 27, 2021	Radiation (03CH02-CA)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA9170	00842	18GHz~40GHz	Jul. 27, 2020	Dec. 07, 2020 ~ Dec. 14, 2020	Jul. 26, 2021	Radiation (03CH02-CA)
Preamplifier	SONOMA	310N	372240	N/A	Aug. 12, 2020	Dec. 07, 2020 ~ Dec. 14, 2020	Aug. 11, 2021	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	Jul. 28, 2020	Dec. 07, 2020 ~ Dec. 14, 2020	Jul. 27, 2021	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18G-56-01-A70	EC1900251	N/A	Nov. 26, 2019	Dec. 07, 2020 ~ Dec. 14, 2020	Nov. 25, 2021	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18G-40G	Aug. 07, 2020	Dec. 07, 2020 ~ Dec. 14, 2020	Aug. 06, 2021	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY57420221	10Hz~44GHz	Sep. 11, 2020	Dec. 07, 2020 ~ Dec. 14, 2020	Sep. 10, 2021	Radiation (03CH02-CA)
EMI Test Receiver	Rohde & Schwarz	ESU26	100049	20Hz~26.5GHz	Aug. 11, 2020	Dec. 07, 2020 ~ Dec. 14, 2020	Aug. 10, 2021	Radiation (03CH02-CA)
Hygrometer	TESTO	608-H1	45142602	N/A	Aug. 05, 2020	Dec. 07, 2020 ~ Dec. 14, 2020	Aug. 04, 2021	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Dec. 07, 2020 ~ Dec. 14, 2020	N/A	Radiation (03CH02-CA)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.2
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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 :	16.1~19.7°C
		Relative Humidity :	32.2~47.8%

26dB Bandwidth (Reporting Only)

26dB BW	Low	Middle	High
Single Carrier	MHz	MHz	MHz
20MHz	20.46	20.42	20.46
40MHz	39.75	N/A	39.71

26dB BW	Low	Middle	High
Multi Carrier (Contiguous)	MHz	MHz	MHz
20 + 20MHz	40.46	40.41	40.39
20 + 40MHz	N/A	59.92	N/A
40 + 20MHz	N/A	59.84	N/A
40 + 40MHz	N/A	79.78	N/A

26dB BW	Low	+	High	Total
Multi Carrier (Non-Contiguous)	MHz		MHz	MHz
20 + 20MHz	20.43	N/A	20.46	40.89
20 + 40MHz	20.46	N/A	39.72	60.18
40 + 20MHz	39.72	N/A	20.48	60.20

99% Occupied Bandwidth (Reporting Only)

OBW	Low	Middle	High
Single Carrier	MHz	MHz	MHz
20MHz	18.18	18.18	18.18
40MHz	37.86	N/A	37.66

OBW	Low	Middle	High
Multi Carrier (Contiguous)	MHz	MHz	MHz
20 + 20MHz	38.16	38.26	38.16
20 + 40MHz	N/A	58.86	N/A
40 + 20MHz	N/A	58.86	N/A
40 + 40MHz	N/A	77.92	N/A

OBW	Low	+	High	Total
Multi Carrier (Non-Contiguous)	MHz		MHz	MHz
20 + 20MHz	18.18	N/A	18.18	36.36
20 + 40MHz	18.18	N/A	37.56	55.74
40 + 20MHz	37.64	N/A	18.18	55.82

Conducted Output Power

Antenna Gain = 16.5dBi

Directional Gain (8H/8V) = 16.5dBi + 10log(Ntx = 8 / Nss = 6) = 17.75dBi

Conducted power limit = 30 – (Directional Gain – 6) = 18.25 dBm

	Single chain			All 16 chains (+ 12.06dB)				
Conducted Power	Low	Middle	High	Low	Middle	High	Limit	Verdict
Single Carrier	dBm	dBm	dBm	dBm	dBm	dBm	dBm	
20MHz	5.75	5.45	5.75	17.81	17.51	17.81	18.25	Pass
40MHz	6.15	N/A	6.15	18.21	N/A	18.21	18.25	Pass

Conducted Power	Low	Middle	High	Low	Middle	High	Limit	Verdict
Multi Carrier (Contiguous)	dBm	dBm	dBm	dBm	dBm	dBm	dBm	
20 + 20MHz	6.15	6.15	6.15	18.21	18.21	18.21	18.25	Pass
20 + 40MHz	N/A	5.95	N/A	N/A	18.01	N/A	18.25	Pass
40 + 20MHz	N/A	5.85	N/A	N/A	17.91	N/A	18.25	Pass
40 + 40MHz	N/A	6.15	N/A	N/A	18.21	N/A	18.25	Pass

Conducted Power	Low	+	High	Low	+	High	Limit	Verdict
Multi Carrier (Non-Contiguous)		dBm			dBm		dBm	
20 + 20MHz		6.15			18.21		18.25	Pass
20 + 40MHz		6.15			18.21		18.25	Pass
40 + 20MHz		6.15			18.21		18.25	Pass

Power Spectral Density

Antenna Gain = 16.5dBi

Directional Gain (8H/8V) = 16.5dBi + 10log(Ntx = 8 / Nss = 6) = 17.75dBi

Conducted PSD limit = 17 – (Directional Gain – 6) = 5.25 dBm/MHz

Single Carrier	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	dBm/ MHz	
20MHz	-6.84	-6.83	-6.81	5.20	5.21	5.23	5.25	Pass
40MHz	-9.08	N/A	-9.14	2.96	N/A	2.90	5.25	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	-8.26	-8.33	-8.20	3.78	3.71	3.84	5.25	Pass
20 + 40MHz	N/A	-7.43	N/A	N/A	4.61	N/A	5.25	Pass
40 + 20MHz	N/A	-6.93	N/A	N/A	5.11	N/A	5.25	Pass
40 + 40MHz	N/A	-10.15	N/A	N/A	1.89	N/A	5.25	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	-7.33	N/A	-6.83	4.71	N/A	5.21	5.25	Pass
20 + 40MHz	-7.70	N/A	-11.25	4.34	N/A	0.79	5.25	Pass
40 + 20MHz	-11.63	N/A	-7.18	0.41	N/A	4.86	5.25	Pass



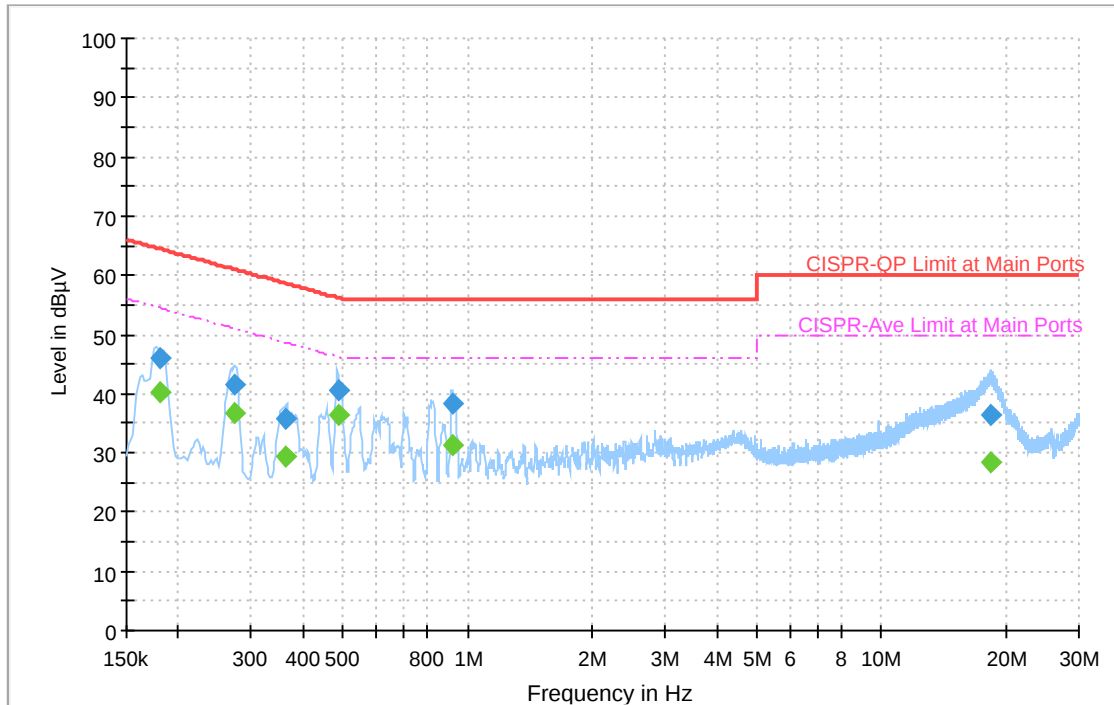
Appendix B. AC Conducted Emission Test Results

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

EUT Information

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

Full Spectrum



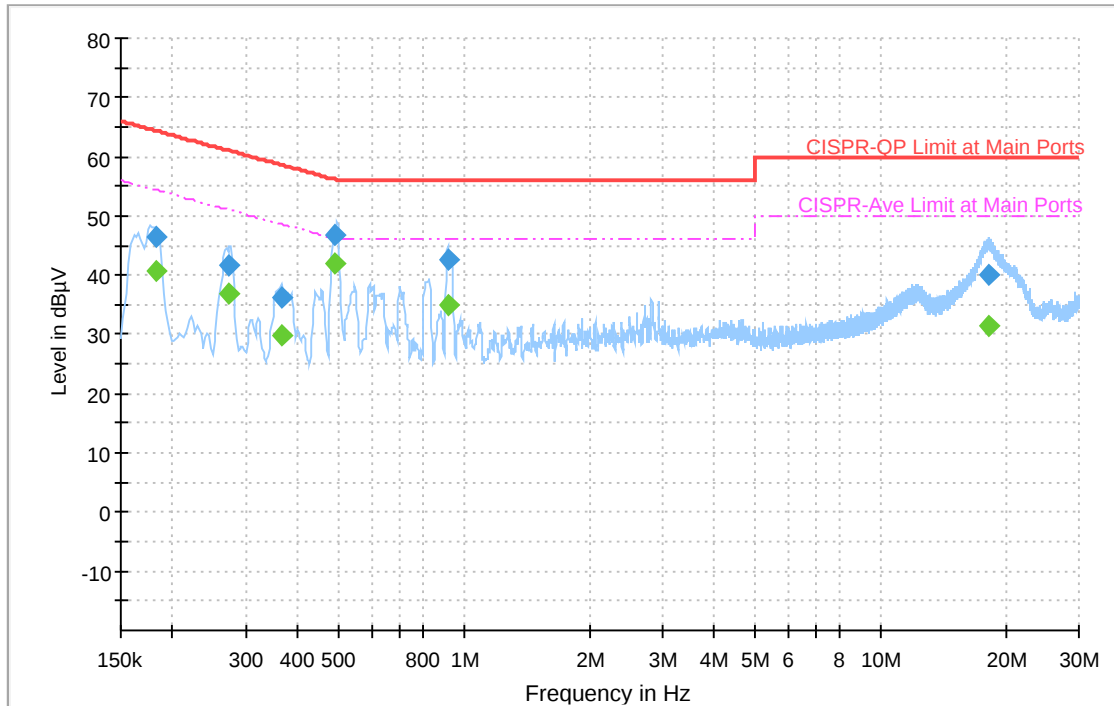
Final Result

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

EUT Information

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

Full Spectrum



Final Result

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



Appendix C. Radiated Spurious Emission

Test Engineer :	Calvin Wu	Temperature :	21~23°C
		Relative Humidity :	49~55%

<Single Carrier>

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		5147.94	54.96	-19.04	74	42.14	31.95	11.04	30.17	184	356	P	H
		5150	45.92	-8.08	54	33.11	31.94	11.04	30.17	184	356	A	H
	*	5180	111.53	-	-	98.89	31.73	11.07	30.16	184	356	P	H
	*	5180	102.26	-	-	89.62	31.73	11.07	30.16	184	356	A	H
		5135.46	53.14	-20.86	74	40.39	31.89	11.03	30.17	219	58	P	V
		5147.68	43.17	-10.83	54	30.43	31.87	11.04	30.17	219	58	A	V
	*	5180	84.81	-	-	72.21	31.69	11.07	30.16	219	58	P	V
	*	5180	75.37	-	-	62.77	31.69	11.07	30.16	219	58	A	V
VHT20 CH 40 5200MHz		5035.1	54.95	-19.05	74	42.33	31.87	10.93	30.18	188	354	P	H
		5150	45.18	-8.82	54	32.37	31.94	11.04	30.17	188	354	A	H
	*	5200	111.53	-	-	99.01	31.59	11.09	30.16	188	354	P	H
	*	5200	102.19	-	-	89.67	31.59	11.09	30.16	188	354	A	H
		5421.08	55.73	-18.27	74	42.8	31.78	11.31	30.16	188	354	P	H
		5450.2	44.28	-9.72	54	31.29	31.82	11.34	30.17	188	354	A	H
		5087.1	53.58	-20.42	74	40.81	31.96	10.98	30.17	220	51	P	V
		5140.4	43.17	-10.83	54	30.43	31.88	11.03	30.17	220	51	A	V
	*	5200	86.07	-	-	73.56	31.58	11.09	30.16	220	51	P	V
	*	5200	76.5	-	-	63.99	31.58	11.09	30.16	220	51	A	V
		5444.88	52.73	-21.27	74	39.79	31.77	11.34	30.17	220	51	P	V
		5458.6	42.98	-11.02	54	30	31.8	11.35	30.17	220	51	A	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		5117.52	55.34	-18.66	74	42.47	32.02	11.01	30.16	182	354	P	H
		5107.38	45.23	-8.77	54	32.34	32.05	11	30.16	182	354	A	H
	*	5240	110.52	-	-	98.12	31.42	11.13	30.15	182	354	P	H
	*	5240	102.52	-	-	90.12	31.42	11.13	30.15	182	354	A	H
		5421.64	55.17	-18.83	74	42.24	31.78	11.31	30.16	182	354	P	H
		5376	44.77	-9.23	54	32.03	31.64	11.26	30.16	182	354	A	H
		5137.8	53.53	-20.47	74	40.79	31.88	11.03	30.17	288	51	P	V
		5144.82	43.18	-10.82	54	30.45	31.87	11.03	30.17	288	51	A	V
	*	5240	85.38	-	-	72.93	31.47	11.13	30.15	288	51	P	V
	*	5240	76.11	-	-	63.66	31.47	11.13	30.15	288	51	A	V
		5443.76	53.18	-20.82	74	40.25	31.77	11.33	30.17	288	51	P	V
		5459.72	42.99	-11.01	54	30	31.81	11.35	30.17	288	51	A	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	47.63	-20.57	68.2	59.28	39.53	16.53	67.71	100	0	P	H
		15540	48.8	-25.2	74	57.31	38.02	20.53	67.06	100	0	P	H
		10360	49.86	-18.34	68.2	61.51	39.53	16.53	67.71	100	0	P	V
		15540	48.76	-25.24	74	57.23	38.06	20.53	67.06	100	0	P	V
VHT20 CH 40 5200MHz		10400	48.22	-19.98	68.2	59.7	39.62	16.58	67.68	100	0	P	H
		15600	48.43	-25.57	74	56.99	37.87	20.57	67	100	0	P	H
		10400	47.9	-20.3	68.2	59.35	39.65	16.58	67.68	100	0	P	V
		15600	47.75	-26.25	74	56.26	37.92	20.57	67	100	0	P	V
VHT20 CH 48 5240MHz		10480	48.07	-20.13	68.2	59.23	39.82	16.64	67.62	100	0	P	H
		15720	48.95	-25.05	74	57.65	37.51	20.67	66.88	100	0	P	H
		10480	48.41	-19.79	68.2	59.58	39.81	16.64	67.62	100	0	P	V
		15720	48.92	-25.08	74	57.57	37.56	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
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		5149.24	56.88	-17.12	74	44.07	31.94	11.04	30.17	179	351	P	H
		5149.76	47.61	-6.39	54	34.8	31.94	11.04	30.17	179	351	A	H
	*	5190	107.8	-	-	95.22	31.66	11.08	30.16	179	351	P	H
	*	5190	101.21	-	-	88.63	31.66	11.08	30.16	179	351	A	H
		5404.28	54.68	-19.32	74	41.8	31.75	11.29	30.16	179	351	P	H
		5456.08	44.48	-9.52	54	31.48	31.82	11.35	30.17	179	351	A	H
		5011.18	53.43	-20.57	74	40.9	31.82	10.9	30.19	101	55	P	V
		5149.76	43.18	-10.82	54	30.45	31.86	11.04	30.17	101	55	A	V
	*	5190	82.82	-	-	70.22	31.69	11.07	30.16	101	55	P	V
	*	5190	74.87	-	-	62.27	31.69	11.07	30.16	101	55	A	V
		5436.2	53.11	-20.89	74	40.2	31.75	11.33	30.17	101	55	P	V
		5458.6	42.97	-11.03	54	29.99	31.8	11.35	30.17	101	55	A	V
VHT40 CH 46 5230MHz		5141.44	55.83	-18.17	74	43.01	31.96	11.03	30.17	177	1	P	H
		5107.12	45.27	-8.73	54	32.38	32.05	11	30.16	177	1	A	H
	*	5230	108.09	-	-	95.66	31.46	11.12	30.15	177	1	P	H
	*	5230	101.65	-	-	89.22	31.46	11.12	30.15	177	1	A	H
		5423.88	55.4	-18.6	74	42.47	31.78	11.31	30.16	177	1	P	H
		5453.84	44.65	-9.35	54	31.65	31.82	11.35	30.17	177	1	A	H
		5115.44	53.38	-20.62	74	40.61	31.92	11.01	30.16	200	294	P	V
		5145.6	43.19	-10.81	54	30.45	31.87	11.04	30.17	200	294	A	V
	*	5230	84.99	-	-	72.52	31.5	11.12	30.15	200	294	P	V
	*	5230	79.35	-	-	66.88	31.5	11.12	30.15	200	294	A	V
		5446.56	53.25	-20.75	74	40.31	31.77	11.34	30.17	200	294	P	V
		5456.92	43.01	-10.99	54	30.03	31.8	11.35	30.17	200	294	A	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	47.18	-21.02	68.2	58.75	39.58	16.55	67.7	100	0	P	H
		15570	48.86	-25.14	74	57.4	37.94	20.55	67.03	100	0	P	H
		10380	48.4	-19.8	68.2	59.96	39.59	16.55	67.7	100	0	P	V
		15570	48	-26	74	56.49	37.99	20.55	67.03	100	0	P	V
VHT40 CH 46 5230MHz		10460	48.4	-19.8	68.2	59.64	39.76	16.63	67.63	100	0	P	H
		15690	48.69	-25.31	74	57.35	37.6	20.65	66.91	100	0	P	H
		10460	47.73	-20.47	68.2	58.94	39.79	16.63	67.63	100	0	P	V
		15690	48.69	-25.31	74	57.29	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****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		27944	42.57	-25.63	68.2	37.73	39.46	27.39	52.47	150	0	P	H
		37074	48.96	-19.24	68.2	38.08	42.91	32.06	54.55	150	0	P	H
													H
		27086	42.77	-25.43	68.2	37.92	39.52	26.82	51.95	150	0	P	V
		35336	48.46	-19.74	68.2	38.47	42.34	31.25	54.06	150	0	P	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		75.59	32.84	-7.16	40	50.77	12.96	1.54	32.43	-	-	P	H
		94.02	38.46	-5.04	43.5	53.8	15.4	1.68	32.42	-	-	P	H
		153.19	24.7	-18.8	43.5	38.1	16.98	2.02	32.4	-	-	P	H
		286.08	32.56	-13.44	46	43.34	18.9	2.75	32.43	-	-	P	H
		594.54	29.32	-16.68	46	32.29	25.71	3.95	32.63	-	-	P	H
		716.8	44.38	-1.62	46	45.41	26.97	4.52	32.52	105	30	QP	H
													H
		75.59	34.36	-5.64	40	52.29	12.96	1.54	32.43	-	-	P	V
		93.05	34.42	-9.08	43.5	49.94	15.21	1.69	32.42	-	-	P	V
		105.66	31.91	-11.59	43.5	46.06	16.57	1.7	32.42	-	-	P	V
		257.95	28.07	-17.93	46	38.18	19.69	2.61	32.41	-	-	P	V
		599.39	33.5	-12.5	46	36.46	25.7	3.97	32.63	-	-	P	V
		716.8	43.28	-2.72	46	44.31	26.97	4.52	32.52	107	2	QP	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		5143.78	57.64	-16.36	74	44.82	31.96	11.03	30.17	200	351	P	H
		5149.5	45.68	-8.32	54	32.87	31.94	11.04	30.17	200	351	A	H
	*	5190	110.47	-	-	97.89	31.66	11.08	30.16	200	351	P	H
	*	5190	100.28	-	-	87.7	31.66	11.08	30.16	200	351	A	H
		5086.06	53.2	-20.8	74	40.42	31.97	10.98	30.17	300	15	P	V
		5138.84	43.16	-10.84	54	30.42	31.88	11.03	30.17	300	15	A	V
	*	5190	90.59	-	-	78.03	31.64	11.08	30.16	300	15	P	V
	*	5190	79.95	-	-	67.39	31.64	11.08	30.16	300	15	A	V
VHT20 CH 40 5200MHz + VHT20 CH 44 5220MHz		5131.56	56.96	-17.04	74	44.12	31.99	11.02	30.17	178	353	P	H
		5138.06	46.13	-7.87	54	33.3	31.97	11.03	30.17	178	353	A	H
	*	5210	112.48	-	-	99.99	31.55	11.1	30.16	178	353	P	H
	*	5210	102.56	-	-	90.07	31.55	11.1	30.16	178	353	A	H
		5458.04	56.65	-17.35	74	43.64	31.83	11.35	30.17	178	353	P	H
		5376	46.52	-7.48	54	33.78	31.64	11.26	30.16	178	353	A	H
		5136.24	52.92	-21.08	74	40.18	31.88	11.03	30.17	199	293	P	V
		5146.9	43.2	-10.8	54	30.46	31.87	11.04	30.17	199	293	A	V
	*	5210	89.96	-	-	77.47	31.55	11.1	30.16	199	293	P	V
	*	5210	80.14	-	-	67.65	31.55	11.1	30.16	199	293	A	V
		5447.12	52.58	-21.42	74	39.64	31.77	11.34	30.17	199	293	P	V
		5458.04	43.02	-10.98	54	30.04	31.8	11.35	30.17	199	293	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 40 5200MHz + VHT40 CH 46 5230MHz		5109.98	56.45	-17.55	74	43.57	32.04	11	30.16	179	355	P	H
		5150	46.27	-7.73	54	33.46	31.94	11.04	30.17	179	355	A	H
	*	5220	112.21	-	-	99.75	31.51	11.11	30.16	179	355	P	H
	*	5220	102.43	-	-	89.97	31.51	11.11	30.16	179	355	A	H
		5373.2	55.23	-18.77	74	42.52	31.62	11.25	30.16	179	355	P	H
		5376	46.29	-7.71	54	33.55	31.64	11.26	30.16	179	355	A	H
		5123.5	54.26	-19.74	74	41.5	31.91	11.01	30.16	197	283	P	V
		5146.12	43.18	-10.82	54	30.44	31.87	11.04	30.17	197	283	A	V
	*	5220	89.38	-	-	76.91	31.52	11.11	30.16	197	283	P	V
	*	5220	79.36	-	-	66.89	31.52	11.11	30.16	197	283	A	V
		5451.88	52.48	-21.52	74	39.52	31.79	11.34	30.17	197	283	P	V
		5458.88	42.97	-11.03	54	29.98	31.81	11.35	30.17	197	283	A	V
VHT20 CH 44 5220MHz + VHT20 CH 48 5240MHz		5109.72	55.91	-18.09	74	43.03	32.04	11	30.16	178	354	P	H
		5136.76	46.24	-7.76	54	33.41	31.97	11.03	30.17	178	354	A	H
	*	5230	112.94	-	-	100.51	31.46	11.12	30.15	178	354	P	H
	*	5230	103.08	-	-	90.65	31.46	11.12	30.15	178	354	A	H
		5373.2	56.54	-17.46	74	43.83	31.62	11.25	30.16	178	354	P	H
		5376	46.83	-7.17	54	34.09	31.64	11.26	30.16	178	354	A	H
		5139.36	53.3	-20.7	74	40.56	31.88	11.03	30.17	301	12	P	V
		5139.1	43.2	-10.8	54	30.46	31.88	11.03	30.17	301	12	A	V
	*	5230	90.39	-	-	77.92	31.5	11.12	30.15	301	12	P	V
	*	5230	80.6	-	-	68.13	31.5	11.12	30.15	301	12	A	V
		5417.72	53	-21	74	40.15	31.71	11.3	30.16	301	12	P	V
		5458.32	43.01	-10.99	54	30.03	31.8	11.35	30.17	301	12	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 40 5200MHz		10360	50.07	-18.13	68.2	61.72	39.53	16.53	67.71	100	0	P	H
		10400	49.33	-18.87	68.2	60.81	39.62	16.58	67.68	100	0	P	H
		15540	49.26	-24.74	74	57.77	38.02	20.53	67.06	100	0	P	H
		15600	49.77	-24.23	74	58.33	37.87	20.57	67	100	0	P	H
		10360	49.39	-18.81	68.2	61.04	39.53	16.53	67.71	100	0	P	V
		10400	49.65	-18.55	68.2	61.1	39.65	16.58	67.68	100	0	P	V
		15540	49.79	-24.21	74	58.26	38.06	20.53	67.06	100	0	P	V
		15600	49.61	-24.39	74	58.12	37.92	20.57	67	100	0	P	V
VHT20 CH 40 5200MHz + VHT20 CH 44 5220MHz		10400	49.41	-18.79	68.2	60.89	39.62	16.58	67.68	100	0	P	H
		10440	48.51	-19.69	68.2	59.84	39.71	16.61	67.65	100	0	P	H
		15600	48.54	-25.46	74	57.1	37.87	20.57	67	100	0	P	H
		15660	48.33	-25.67	74	56.97	37.68	20.62	66.94	100	0	P	H
		10400	47.8	-20.4	68.2	59.25	39.65	16.58	67.68	100	0	P	V
		10440	47.65	-20.55	68.2	58.94	39.75	16.61	67.65	100	0	P	V
		15600	49.06	-24.94	74	57.57	37.92	20.57	67	100	0	P	V
		15660	47.99	-26.01	74	56.55	37.76	20.62	66.94	100	0	P	V
VHT20 CH 40 5200MHz + VHT40 CH 46 5230MHz		10400	48.32	-19.88	68.2	59.8	39.62	16.58	67.68	100	0	P	H
		10460	48.57	-19.63	68.2	59.81	39.76	16.63	67.63	100	0	P	H
		15600	48.42	-25.58	74	56.98	37.87	20.57	67	100	0	P	H
		15690	48.86	-25.14	74	57.52	37.6	20.65	66.91	100	0	P	H
		10400	48.24	-19.96	68.2	59.69	39.65	16.58	67.68	100	0	P	V
		10460	47.45	-20.75	68.2	58.66	39.79	16.63	67.63	100	0	P	V
		15600	48.36	-25.64	74	56.87	37.92	20.57	67	100	0	P	V
		15690	48.47	-25.53	74	57.07	37.66	20.65	66.91	100	0	P	V



Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 CH 44 5220MHz + VHT20 CH 48 5240MHz		10440	48.48	-19.72	68.2	59.81	39.71	16.61	67.65	100	0	P	H
		10480	48.82	-19.38	68.2	59.98	39.82	16.64	67.62	100	0	P	H
		15660	48.43	-25.57	74	57.07	37.68	20.62	66.94	100	0	P	H
		15720	48.91	-25.09	74	57.61	37.51	20.67	66.88	100	0	P	H
		10440	47.42	-20.78	68.2	58.71	39.75	16.61	67.65	100	0	P	V
		10480	49.02	-19.18	68.2	60.19	39.81	16.64	67.62	100	10480	P	V
		15660	47.77	-26.23	74	56.33	37.76	20.62	66.94	100	15660	P	V
		15720	48.87	-25.13	74	57.52	37.56	20.67	66.88	100	15720	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		5150.02	57	-93	150	44.19	31.94	11.04	30.17	200	1	P	H
		5149.76	47.16	-6.84	54	34.35	31.94	11.04	30.17	200	1	A	H
	*	5205	110.53	-	-	98.03	31.57	11.09	30.16	200	1	P	H
	*	5205	100.51	-	-	88.01	31.57	11.09	30.16	200	1	A	H
		5409.04	55.35	-18.65	74	42.46	31.76	11.29	30.16	200	1	P	H
		5376	45.4	-8.6	54	32.66	31.64	11.26	30.16	200	1	A	H
		5115.7	52.81	-21.19	74	40.04	31.92	11.01	30.16	300	16	P	V
		5145.6	43.21	-10.79	54	30.47	31.87	11.04	30.17	300	16	A	V
	*	5205	88.57	-	-	76.07	31.57	11.09	30.16	300	16	P	V
	*	5205	78.73	-	-	66.23	31.57	11.09	30.16	300	16	A	V
		5445.72	52.66	-21.34	74	39.72	31.77	11.34	30.17	300	16	P	V
		5458.04	43.03	-10.97	54	30.05	31.8	11.35	30.17	300	16	A	V
VHT40 CH 38 5190MHz + VHT40 CH 46 5230MHz		5148.2	56.66	-17.34	74	43.85	31.94	11.04	30.17	182	357	P	H
		5149.76	47.9	-6.1	54	35.09	31.94	11.04	30.17	182	357	A	H
	*	5210	108.75	-	-	96.26	31.55	11.1	30.16	182	357	P	H
	*	5210	100.86	-	-	88.37	31.55	11.1	30.16	182	357	A	H
		5446.28	55.95	-18.05	74	42.97	31.81	11.34	30.17	182	357	P	H
		5376	45.94	-8.06	54	33.2	31.64	11.26	30.16	182	357	A	H
		5138.06	54.26	-19.74	74	41.52	31.88	11.03	30.17	197	291	P	V
		5148.72	43.17	-10.83	54	30.44	31.86	11.04	30.17	197	291	A	V
	*	5210	85.83	-	-	73.34	31.55	11.1	30.16	197	291	P	V
	*	5210	77.51	-	-	65.02	31.55	11.1	30.16	197	291	A	V
		5437.88	53.82	-20.18	74	40.91	31.75	11.33	30.17	197	291	P	V
		5459.16	42.95	-11.05	54	29.96	31.81	11.35	30.17	197	291	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)
VHT40 CH 38 5190MHz + VHT20 CH 44 5220MHz		10380	48.24	-19.96	68.2	59.81	39.58	16.55	67.7	100	0	P	H
		10440	47.55	-20.65	68.2	58.88	39.71	16.61	67.65	100	0	P	H
		15570	48.83	-25.17	74	57.37	37.94	20.55	67.03	100	0	P	H
		15660	48.46	-25.54	74	57.1	37.68	20.62	66.94	100	0	P	H
		10380	47.67	-20.53	68.2	59.23	39.59	16.55	67.7	100	0	P	V
		10440	47.9	-20.3	68.2	59.19	39.75	16.61	67.65	100	0	P	V
		15570	48.15	-25.85	74	56.64	37.99	20.55	67.03	100	0	P	V
		15660	48.53	-25.47	74	57.09	37.76	20.62	66.94	100	0	P	V
VHT40 CH 38 5190MHz + VHT40 CH 46 5230MHz		10380	48.26	-19.94	68.2	59.83	39.58	16.55	67.7	100	0	P	H
		10460	48.32	-19.88	68.2	59.56	39.76	16.63	67.63	100	0	P	H
		15570	48.73	-25.27	74	57.27	37.94	20.55	67.03	100	0	P	H
		15690	48.23	-25.77	74	56.89	37.6	20.65	66.91	100	0	P	H
		10380	47.41	-20.79	68.2	58.97	39.59	16.55	67.7	100	0	P	V
		10460	48.01	-20.19	68.2	59.22	39.79	16.63	67.63	100	0	P	V
		15570	48.43	-25.57	74	56.92	37.99	20.55	67.03	100	0	P	V
		15690	48.56	-25.44	74	57.16	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****(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		35358	48.04	-20.16	68.2	38.13	42.26	31.26	54.07	150	0	P	H
		38416	49.45	-18.75	68.2	37.04	44.31	32.58	54.94	150	0	P	H
													H
		35116	47.52	-20.68	68.2	37.96	41.84	31.14	53.88	150	0	P	V
		38482	48.66	-19.54	68.2	36.62	43.94	32.6	54.96	150	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Emission below 1GHz

(LF @ 3m)

Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT20 + VHT20 LF		76.56	33.39	-6.61	40	51.21	13.06	1.55	32.43	-	-	P	H
		93.05	38.07	-5.43	43.5	53.59	15.21	1.69	32.42	-	-	P	H
		152.22	24.31	-19.19	43.5	37.62	17.08	2.01	32.4	-	-	P	H
		257.95	34.15	-11.85	46	44.26	19.69	2.61	32.41	-	-	P	H
		672.14	33.43	-12.57	46	35.52	26.2	4.3	32.59	-	-	P	H
		716.8	45.38	-0.62	46	46.41	26.97	4.52	32.52	104	30	QP	H
													H
		76.56	34.7	-5.3	40	52.52	13.06	1.55	32.43	-	-	P	V
		93.05	35.04	-8.46	43.5	50.56	15.21	1.69	32.42	-	-	P	V
		126.03	29.58	-13.92	43.5	42.49	17.7	1.8	32.41	-	-	P	V
		285.11	30.98	-15.02	46	41.77	18.9	2.74	32.43	-	-	P	V
		601.33	33.77	-12.23	46	36.73	25.7	3.97	32.63	-	-	P	V
		716.8	44.38	-1.62	46	45.41	26.97	4.52	32.52	105	0	QP	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		5107.12	56.19	-17.81	74	43.3	32.05	11	30.16	200	360	P	H
		5143.26	45.96	-8.04	54	33.14	31.96	11.03	30.17	200	360	A	H
	*	5180	109.68	-	-	97.04	31.73	11.07	30.16	200	360	P	H
	*	5180	100.42	-	-	87.78	31.73	11.07	30.16	200	360	A	H
	*	5240	112.03	-	-	99.63	31.42	11.13	30.15	200	360	P	H
	*	5240	101.42	-	-	89.02	31.42	11.13	30.15	200	360	A	H
		5362	55.67	-18.33	74	43.02	31.57	11.24	30.16	200	360	P	H
		5376	45.32	-8.68	54	32.58	31.64	11.26	30.16	200	360	A	H
		5060.32	53.46	-20.54	74	40.69	32	10.95	30.18	299	11	P	V
		5145.86	43.2	-10.8	54	30.46	31.87	11.04	30.17	299	11	A	V
	*	5180	85.82	-	-	73.22	31.69	11.07	30.16	299	11	P	V
	*	5180	77.26	-	-	64.66	31.69	11.07	30.16	299	11	A	V
	*	5240	89.32	-	-	76.87	31.47	11.13	30.15	299	11	P	V
	*	5240	80.07	-	-	67.62	31.47	11.13	30.15	299	11	A	V
		5438.72	53.41	-20.59	74	40.49	31.76	11.33	30.17	299	11	P	V
		5458.6	43.01	-10.99	54	30.03	31.8	11.35	30.17	299	11	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		5090.74	56.79	-17.21	74	43.92	32.05	10.98	30.16	176	352	P	H
		5150	46.72	-7.28	54	33.91	31.94	11.04	30.17	176	352	A	H
	*	5180	111.33	-	-	98.69	31.73	11.07	30.16	176	352	P	H
	*	5180	102.1	-	-	89.46	31.73	11.07	30.16	176	352	A	H
	*	5230	108.34	-	-	95.91	31.46	11.12	30.15	176	352	P	H
	*	5230	101.43	-	-	89	31.46	11.12	30.15	176	352	A	H
		5418	55.53	-18.47	74	42.62	31.77	11.3	30.16	176	352	P	H
		5376	46.21	-7.79	54	33.47	31.64	11.26	30.16	176	352	A	H
		5078	54.09	-19.91	74	41.31	31.98	10.97	30.17	299	2	P	V
		5139.1	43.22	-10.78	54	30.48	31.88	11.03	30.17	299	2	A	V
	*	5180	87.27	-	-	74.67	31.69	11.07	30.16	299	2	P	V
	*	5180	78.6	-	-	66	31.69	11.07	30.16	299	2	A	V
	*	5230	85.84	-	-	73.37	31.5	11.12	30.15	299	2	P	V
	*	5230	76.49	-	-	64.02	31.5	11.12	30.15	299	2	A	V
		5429.2	52.65	-21.35	74	39.77	31.73	11.32	30.17	299	2	P	V
		5456.92	43.01	-10.99	54	30.03	31.8	11.35	30.17	299	2	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)
VHT40 CH 38 5190MHz + VHT20 CH 48 5240MHz		5147.68	57.33	-16.67	74	44.51	31.95	11.04	30.17	175	352	P	H
		5149.76	48	-6	54	35.19	31.94	11.04	30.17	175	352	A	H
	*	5190	107.24	-	-	94.66	31.66	11.08	30.16	175	352	P	H
	*	5190	101.55	-	-	88.97	31.66	11.08	30.16	175	352	A	H
	*	5240	112.29	-	-	99.89	31.42	11.13	30.15	175	352	P	H
	*	5240	104.59	-	-	92.19	31.42	11.13	30.15	175	352	A	H
		5445.72	55.83	-18.17	74	42.85	31.81	11.34	30.17	175	352	P	H
		5376	46.25	-7.75	54	33.51	31.64	11.26	30.16	175	352	A	H
		5109.2	53.87	-20.13	74	41.1	31.93	11	30.16	298	11	P	V
		5147.94	43.25	-10.75	54	30.51	31.87	11.04	30.17	298	11	A	V
	*	5190	83.22	-	-	70.66	31.64	11.08	30.16	298	11	P	V
	*	5190	75.44	-	-	62.88	31.64	11.08	30.16	298	11	A	V
	*	5240	89.47	-	-	77.02	31.47	11.13	30.15	298	11	P	V
	*	5240	80.11	-	-	67.66	31.47	11.13	30.15	298	11	A	V
		5446.56	52.88	-21.12	74	39.94	31.77	11.34	30.17	298	11	P	V
		5459.16	43.03	-10.97	54	30.04	31.81	11.35	30.17	298	11	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	49.07	-19.13	68.2	60.72	39.53	16.53	67.71	100	0	P	H
		10480	48.99	-19.21	68.2	60.15	39.82	16.64	67.62	100	0	P	H
		15540	48.39	-25.61	74	56.9	38.02	20.53	67.06	100	0	P	H
		15720	49.86	-24.14	74	58.56	37.51	20.67	66.88	100	0	P	H
		10360	48.22	-19.98	68.2	59.87	39.53	16.53	67.71	100	0	P	V
		10480	49.4	-18.8	68.2	60.57	39.81	16.64	67.62	100	0	P	V
		15540	49.49	-24.51	74	57.96	38.06	20.53	67.06	100	0	P	V
		15720	49.91	-24.09	74	58.56	37.56	20.67	66.88	100	0	P	V
VHT20 CH 36 5180MHz + VHT40 CH 46 5230MHz		10360	48.7	-19.5	68.2	60.35	39.53	16.53	67.71	100	0	P	H
		10460	49.69	-18.51	68.2	60.93	39.76	16.63	67.63	100	0	P	H
		15540	49.29	-24.71	74	57.8	38.02	20.53	67.06	100	0	P	H
		15690	49.34	-24.66	74	58	37.6	20.65	66.91	100	0	P	H
		10360	49.53	-18.67	68.2	61.18	39.53	16.53	67.71	100	0	P	V
		10460	49.17	-19.03	68.2	60.38	39.79	16.63	67.63	100	0	P	V
		15540	49.12	-24.88	74	57.59	38.06	20.53	67.06	100	0	P	V
		15690	48.84	-25.16	74	57.44	37.66	20.65	66.91	100	0	P	V
VHT40 CH 38 5190MHz + VHT20 CH 48 5240MHz		10380	49.81	-18.39	68.2	61.38	39.58	16.55	67.7	100	0	P	H
		10480	48.94	-19.26	68.2	60.1	39.82	16.64	67.62	100	0	P	H
		15570	49.88	-24.12	74	58.42	37.94	20.55	67.03	100	0	P	H
		15720	49.56	-24.44	74	58.26	37.51	20.67	66.88	100	0	P	H
		10380	49.04	-19.16	68.2	60.6	39.59	16.55	67.7	100	0	P	V
		10480	49.25	-18.95	68.2	60.42	39.81	16.64	67.62	100	0	P	V
		15570	49.73	-24.27	74	58.22	37.99	20.55	67.03	100	0	P	V
		15720	49.31	-24.69	74	57.96	37.56	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.												

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

Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 + VHT20 SHF		35050	47.13	-21.07	68.2	37.76	41.6	31.1	53.79	150	0	P	H
		38372	50.2	-18	68.2	37.81	44.28	32.57	54.92	150	0	P	H
													H
		35446	48.17	-20.03	68.2	37.98	42.59	31.31	54.17	150	0	P	V
		38394	49.05	-19.15	68.2	37.02	43.92	32.58	54.93	150	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Emission below 1GHz
(LF @ 3m)

Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
VHT40 + VHT20 LF		77.53	32.18	-7.82	40	49.88	13.15	1.35	32.42	-	-	P	H
		94.02	38.15	-5.35	43.5	53.49	15.4	1.48	32.42	-	-	P	H
		257.95	30.14	-15.86	46	40.25	19.69	2.46	32.41	-	-	P	H
		299.66	32.53	-13.47	46	42.96	19.2	2.65	32.44	-	-	P	H
		672.14	32.43	-13.57	46	34.52	26.2	3.93	32.59	-	-	P	H
		716.8	43.48	-2.52	46	44.51	26.97	4.08	32.52	106	36	QP	H
													H
		77.53	32.97	-7.03	40	50.67	13.15	1.35	32.42	-	-	P	V
		94.02	34.27	-9.23	43.5	49.61	15.4	1.48	32.42	-	-	P	V
		257.95	30.16	-15.84	46	40.27	19.69	2.46	32.41	-	-	P	V
		603.27	33.38	-12.62	46	36.33	25.7	3.74	32.63	-	-	P	V
		672.14	34.58	-11.42	46	36.67	26.2	3.93	32.59	-	-	P	V
		716.8	44.18	-1.82	46	45.21	26.97	4.08	32.52	100	317	QP	V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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

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

Ant. 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)

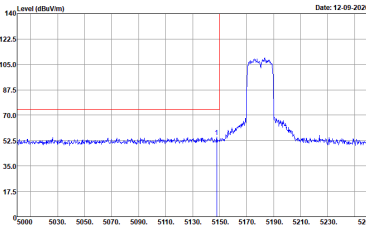
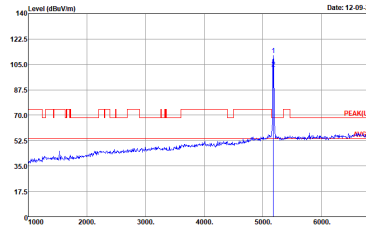
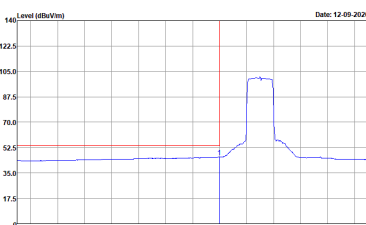
Both peak and average measured complies with the limit line, so test result is “PASS”.

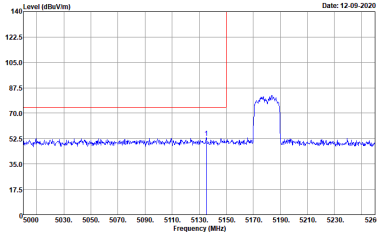
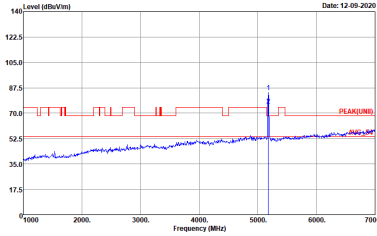
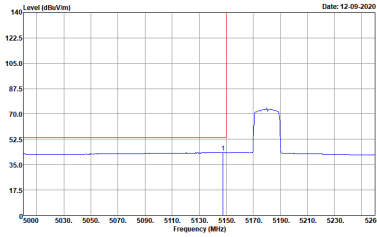


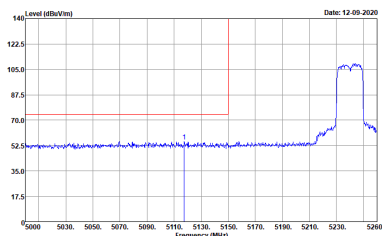
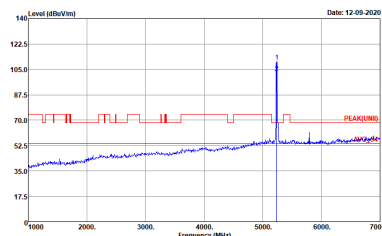
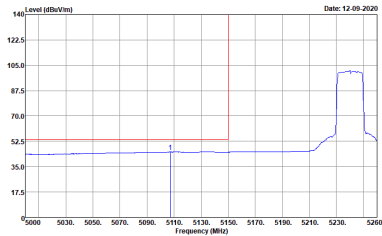
Appendix D. Radiated Spurious Emission Plots

Test Engineer :	Calvin Wu	Temperature :	21~23°C
		Relative Humidity :	49~55%

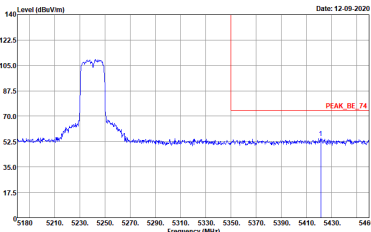
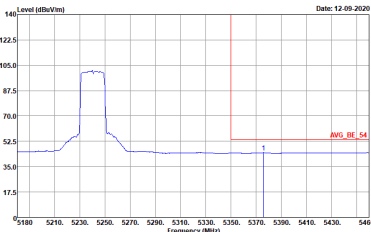
<Single Carrier>
Band 1 - 5150~5250MHz
VHT20 (Band Edge @ 3m)

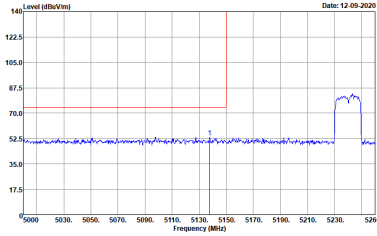
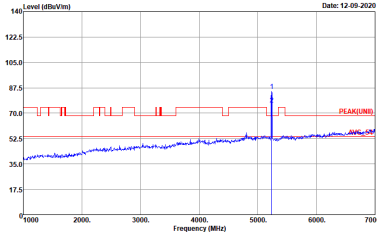
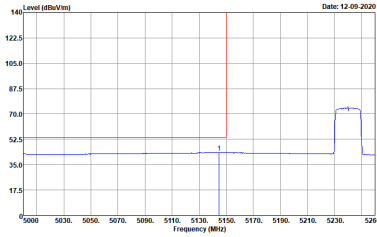
Band 1 5150~5250MHz Band Edge @ 3m		
ANT	VHT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter
	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BN5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BN5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BN5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter	Left blank

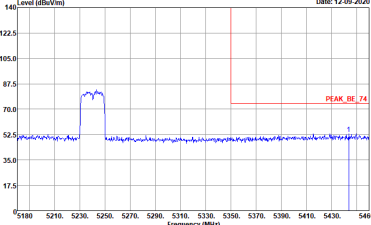
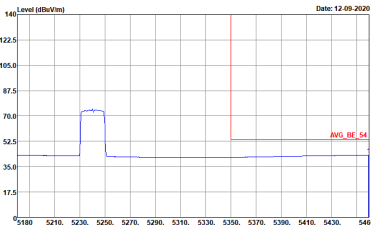
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BN5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BN5AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-BN5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

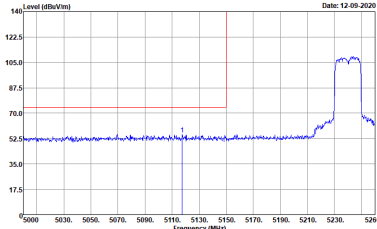
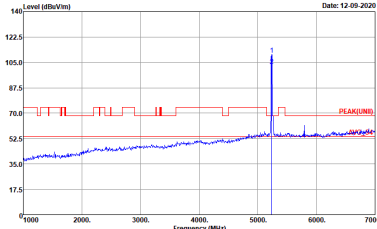
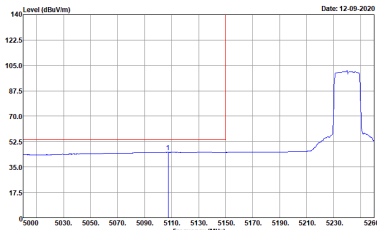


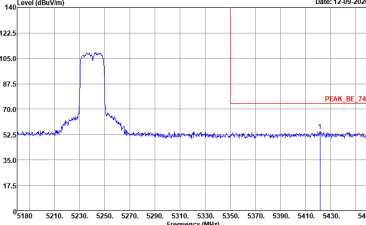
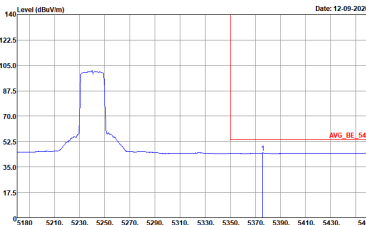
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

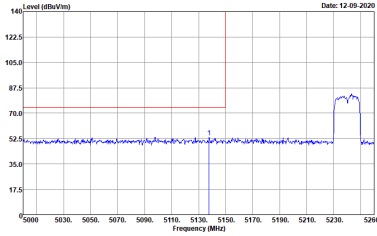
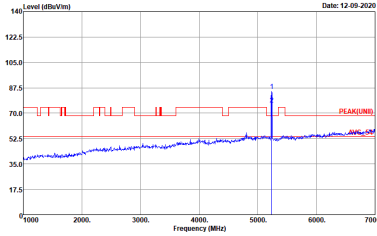
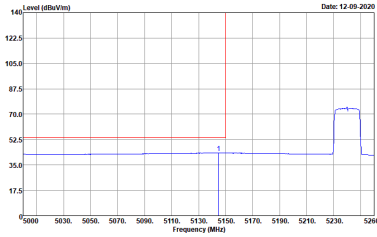
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL RBW:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-BN5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

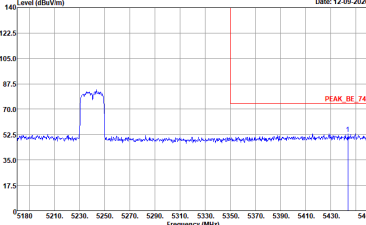
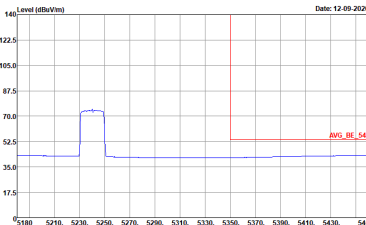


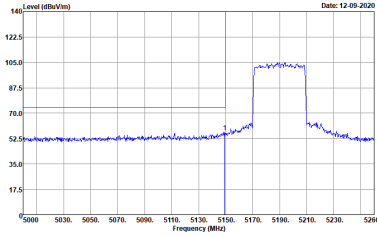
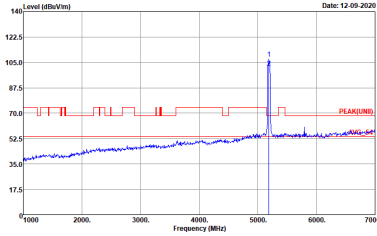
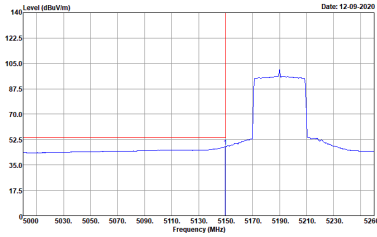
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN5AS1002 SN : S125F1202200002 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 Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

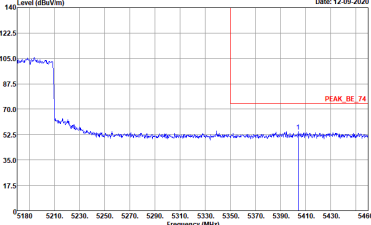
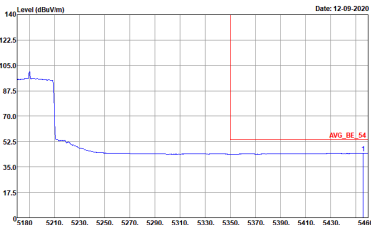
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH48 5240MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

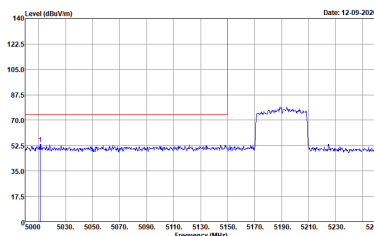
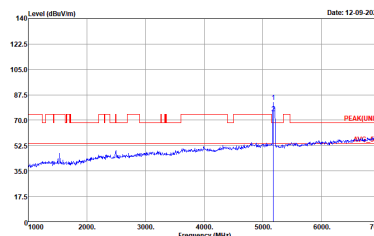
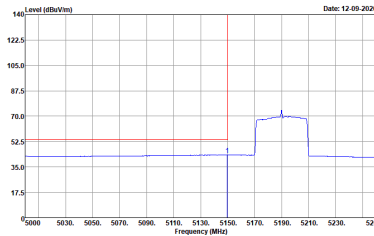
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH48 5240MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter
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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

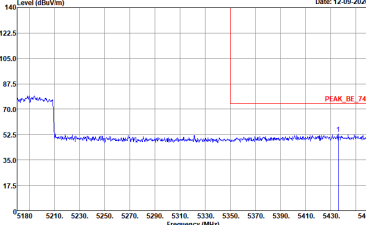
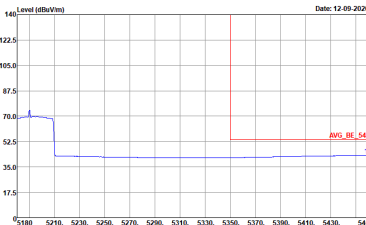
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH48 5240MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

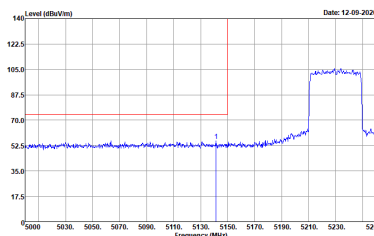
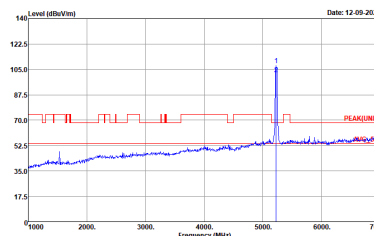
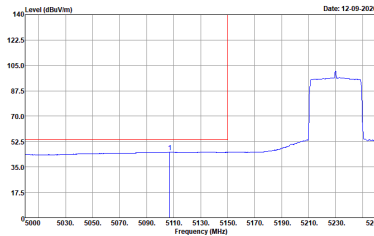
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38 Plane : Y with Adapter	Left blank

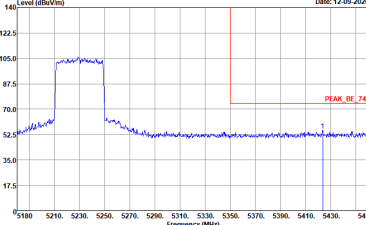
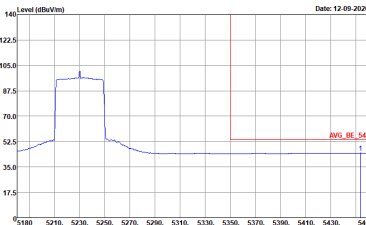


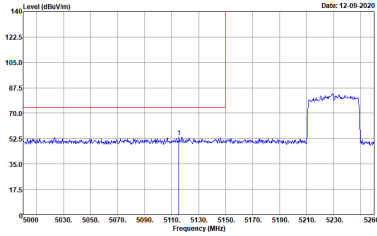
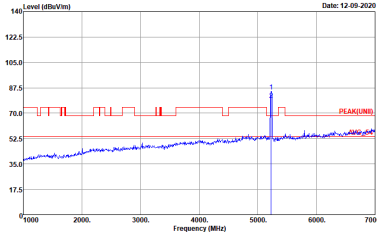
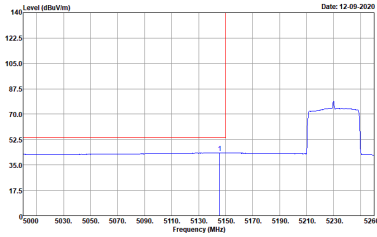
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(40)_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 : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38 Plane : Y with Adapter	Left blank

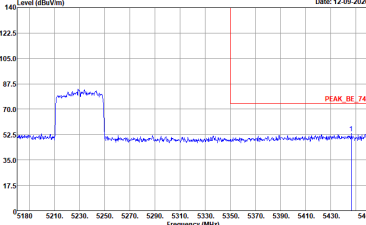
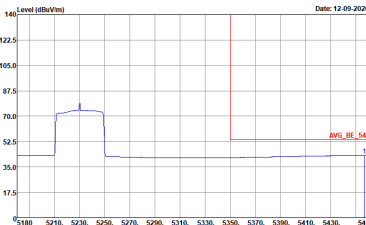
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(40)_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 : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(40)_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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38 Plane : Y with Adapter	Left blank

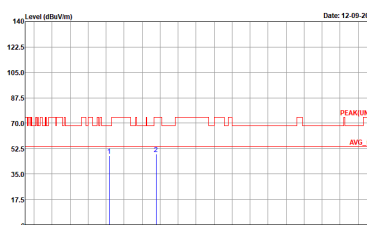
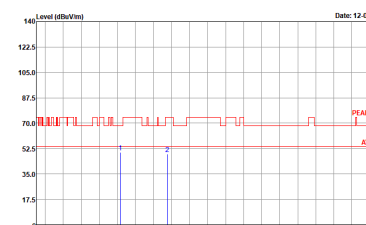
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH46 5230MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6A51002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6A51002 SN : S125F1202200002 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 Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : 5125F1202200002 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 Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : 5125F1202200002 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

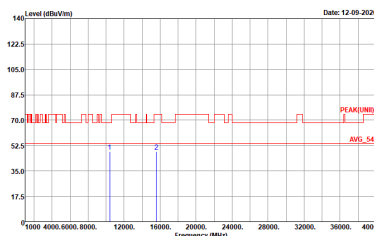
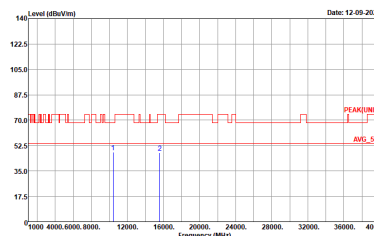
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH46 5230MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter
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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6A51002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank
Peak	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6A51002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

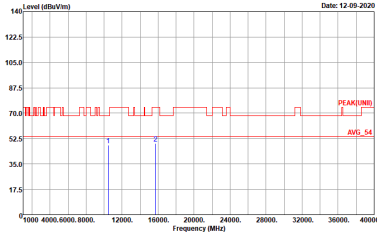
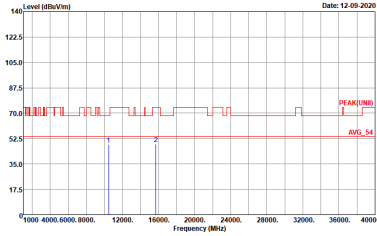
Band 1 - 5150~5250MHz
VHT20 (Harmonic @ 3m)

	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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8NDA51002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8NDA51002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch36 Plane : Y with Adapter

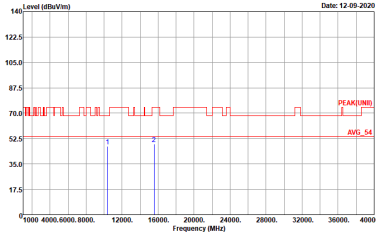
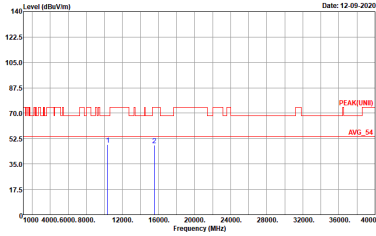


	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8NDAS1002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch40 Setting : atten = 21 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8NDAS1002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch40 Setting : atten = 21 Plane : Y with Adapter

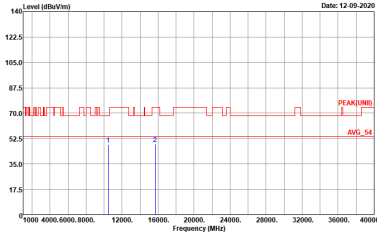
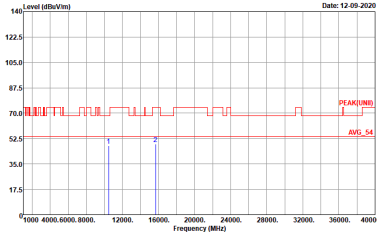


	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8NDAS1002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8NDAS1002 SN : 5125F12022000002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8NDA51002 SN : 5125F12022000002 Mode : 11ac(40)_Tx_Ch38 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8NDA51002 SN : 5125F12022000002 Mode : 11ac(40)_Tx_Ch38 Plane : Y with Adapter

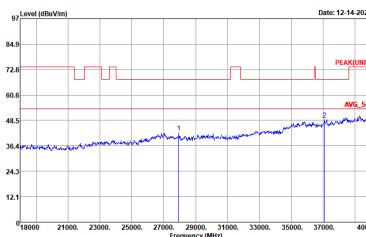
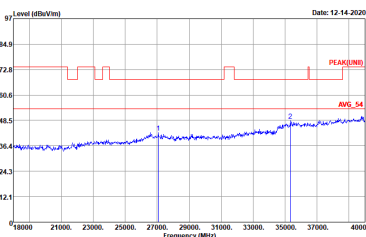


	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8NDAS1002 SN : 5125F12022000002 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8NDAS1002 SN : 5125F12022000002 Mode : 11ac(40)_Tx_Ch46 Plane : Y with Adapter



Emission above 18GHz

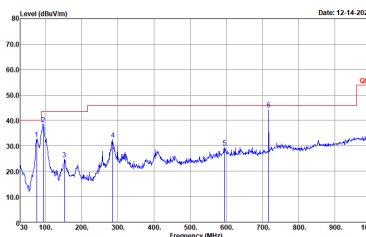
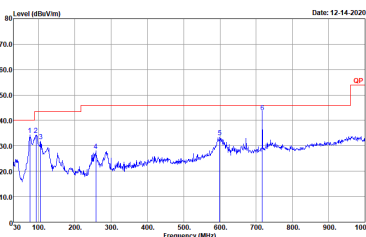
VHT40 (SHF)

		5GHz																																																																																
ANT		VHT40 SHF																																																																																
1		Horizontal	Vertical																																																																															
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 1m HORN 9170-SHF_0084Z HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F120200002 Mode : 11oc(40)_Tx_Ch38 Plane : Y with Adapter <table><tr><th>Freq</th><th>Level</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>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>27944.00</td><td>42.57</td><td>-25.63</td><td>68.20</td><td>37.73</td><td>39.46</td><td>27.39</td><td>52.47</td><td>150 0 Peak</td></tr><tr><td>2</td><td>37074.00</td><td>48.96</td><td>-19.24</td><td>68.20</td><td>38.08</td><td>42.91</td><td>32.86</td><td>54.55</td><td>150 0 Peak</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm	deg		1	27944.00	42.57	-25.63	68.20	37.73	39.46	27.39	52.47	150 0 Peak	2	37074.00	48.96	-19.24	68.20	38.08	42.91	32.86	54.55	150 0 Peak	 Site : 03CH02-CA Condition : PEAK(UNIT) 1m HORN 9170-SHF_0084Z VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F120200002 Mode : 11oc(40)_Tx_Ch38 Plane : Y with Adapter <table><tr><th>Freq</th><th>Level</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>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>27886.00</td><td>42.77</td><td>-25.43</td><td>68.20</td><td>37.92</td><td>39.52</td><td>26.82</td><td>51.95</td><td>150 0 Peak</td></tr><tr><td>2</td><td>35336.00</td><td>48.46</td><td>-19.74</td><td>68.20</td><td>38.47</td><td>42.34</td><td>31.25</td><td>54.06</td><td>150 0 Peak</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm	deg		1	27886.00	42.77	-25.43	68.20	37.92	39.52	26.82	51.95	150 0 Peak	2	35336.00	48.46	-19.74	68.20	38.47	42.34	31.25	54.06	150 0 Peak
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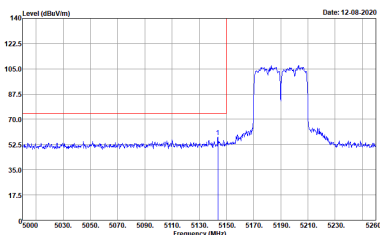
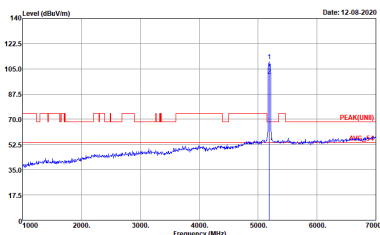
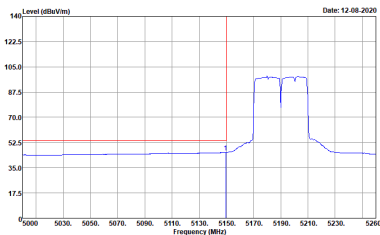


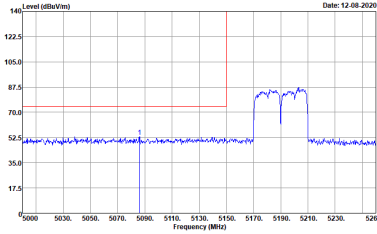
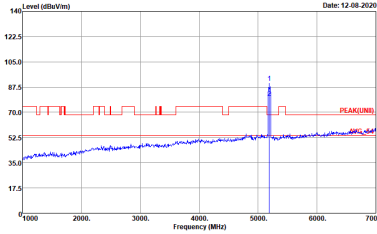
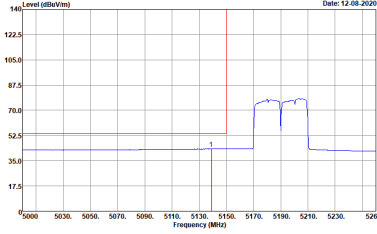
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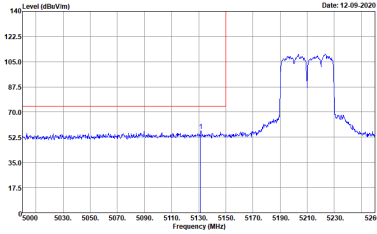
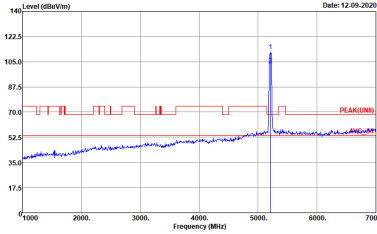
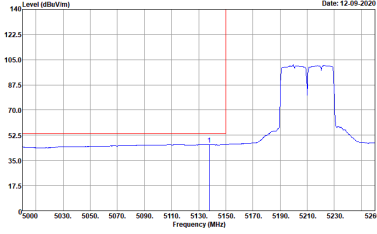
VHT40 (LF)

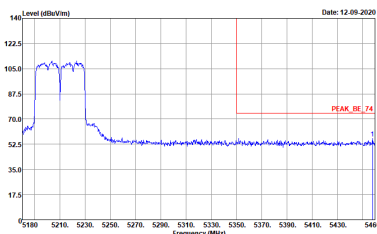
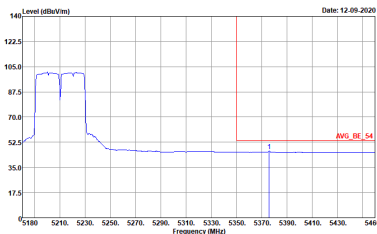
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QP / Peak	 Site : 03CH02-CA Condition : QP 3m BIL06 6111D-LF_50392 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/50Hz EUT : 56Hz AP For Outdoor Model : 61-BN6A51002 SN : 5125F1202200002 Mode : 11oc(40)_Tx_Ch38 Plane : Y with Adapter <table><tr><th>Peak</th><th>Freq</th><th>Level</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>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>75.59</td><td>32.84</td><td>-7.16</td><td>40.00</td><td>58.77</td><td>12.96</td><td>1.33</td><td>32.43</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>94.82</td><td>38.46</td><td>-5.04</td><td>43.50</td><td>53.80</td><td>15.40</td><td>1.48</td><td>32.42</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>153.19</td><td>24.70</td><td>-18.80</td><td>43.50</td><td>38.10</td><td>16.98</td><td>1.90</td><td>32.48</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>286.00</td><td>32.56</td><td>-13.44</td><td>46.00</td><td>43.34</td><td>18.90</td><td>2.59</td><td>32.43</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>594.54</td><td>29.32</td><td>-16.68</td><td>46.00</td><td>32.29</td><td>25.71</td><td>3.71</td><td>32.63</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>716.80</td><td>44.38</td><td>-1.62</td><td>46.00</td><td>45.41</td><td>26.97</td><td>4.08</td><td>32.52</td><td>105</td><td>30 QP</td></tr></table>	Peak	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg		1	75.59	32.84	-7.16	40.00	58.77	12.96	1.33	32.43	---	Peak	2	94.82	38.46	-5.04	43.50	53.80	15.40	1.48	32.42	---	Peak	3	153.19	24.70	-18.80	43.50	38.10	16.98	1.90	32.48	---	Peak	4	286.00	32.56	-13.44	46.00	43.34	18.90	2.59	32.43	---	Peak	5	594.54	29.32	-16.68	46.00	32.29	25.71	3.71	32.63	---	Peak	6	716.80	44.38	-1.62	46.00	45.41	26.97	4.08	32.52	105	30 QP	 Site : 03CH02-CA Condition : QP 3m BIL06 6111D-LF_50392 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/50Hz EUT : 56Hz AP For Outdoor Model : 61-BN6A51002 SN : 5125F1202200002 Mode : 11oc(40)_Tx_Ch38 Plane : Y with Adapter <table><tr><th>Peak</th><th>Freq</th><th>Level</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>dBuV</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>75.59</td><td>34.36</td><td>-5.64</td><td>40.00</td><td>52.29</td><td>12.96</td><td>1.33</td><td>32.43</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>93.85</td><td>34.42</td><td>-9.08</td><td>43.50</td><td>49.94</td><td>15.21</td><td>1.48</td><td>32.42</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>105.66</td><td>31.91</td><td>-11.59</td><td>43.50</td><td>46.06</td><td>16.57</td><td>1.57</td><td>32.42</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>257.95</td><td>28.07</td><td>-17.93</td><td>46.00</td><td>38.18</td><td>19.69</td><td>2.46</td><td>32.41</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>599.39</td><td>33.50</td><td>-12.50</td><td>46.00</td><td>36.46</td><td>25.70</td><td>3.73</td><td>32.63</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>716.80</td><td>43.28</td><td>-2.72</td><td>46.00</td><td>44.31</td><td>26.97</td><td>4.08</td><td>32.52</td><td>107</td><td>2 QP</td></tr></table>	Peak	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg		1	75.59	34.36	-5.64	40.00	52.29	12.96	1.33	32.43	---	Peak	2	93.85	34.42	-9.08	43.50	49.94	15.21	1.48	32.42	---	Peak	3	105.66	31.91	-11.59	43.50	46.06	16.57	1.57	32.42	---	Peak	4	257.95	28.07	-17.93	46.00	38.18	19.69	2.46	32.41	---	Peak	5	599.39	33.50	-12.50	46.00	36.46	25.70	3.73	32.63	---	Peak	6	716.80	43.28	-2.72	46.00	44.31	26.97	4.08	32.52	107	2 QP
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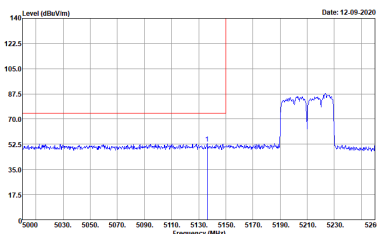
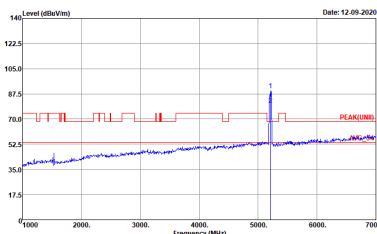
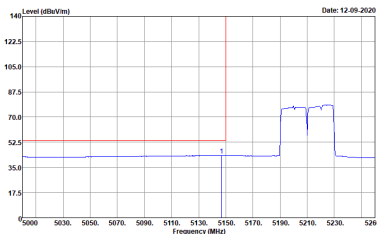
<Multi Carrier (Contiguous)>
Band 1 - 5150~5250MHz
(Band Edge @ 3m)

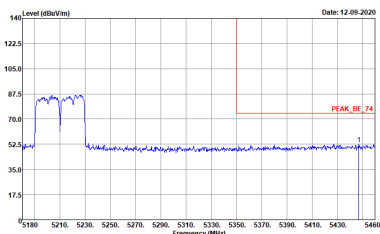
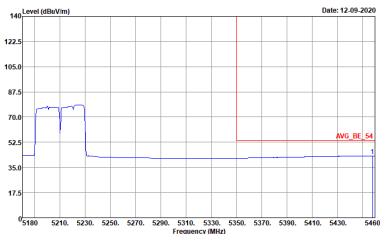
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ANT	VHT20 CH36 5180MHz+VHT20 CH40 5200MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36+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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch40 Plane : Y with Adapter	Left blank

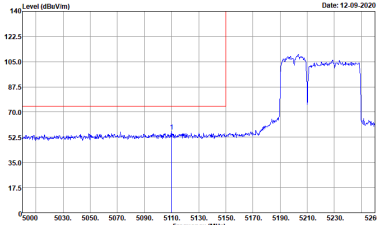
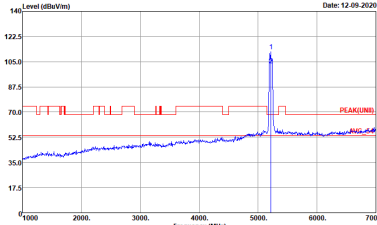
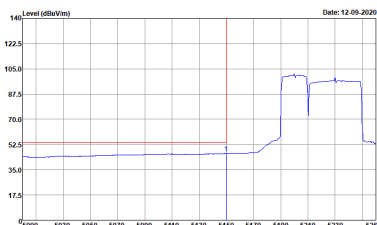
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH40 5200MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36+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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch40 Plane : Y with Adapter	Left blank

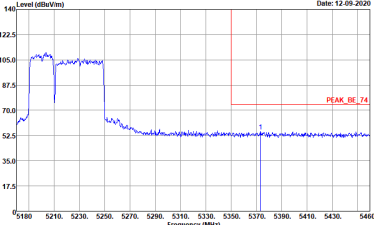
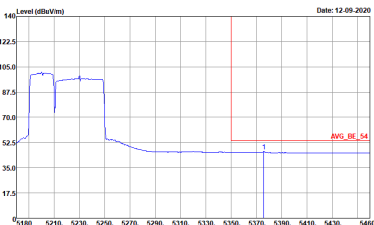
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ANT	VHT20 CH40 5200MHz+VHT20 CH44 5220MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch40+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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

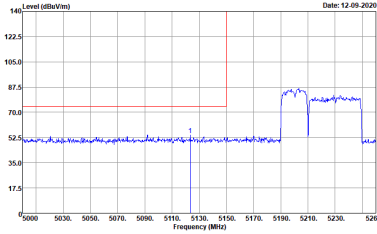
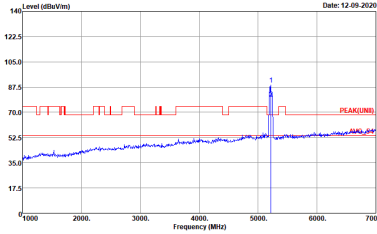
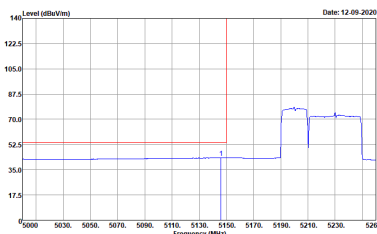
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+VHT20 CH44 5220MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 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 : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

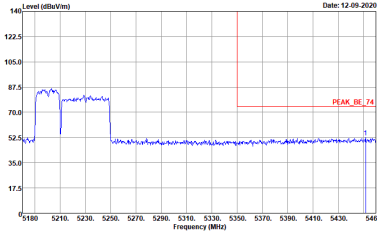
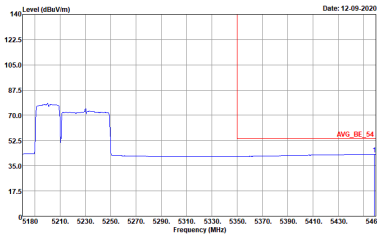
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+VHT20 CH44 5220MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch40+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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

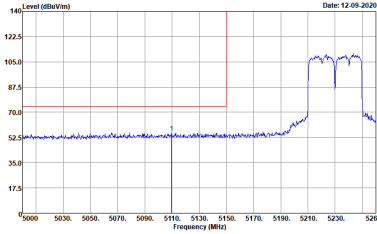
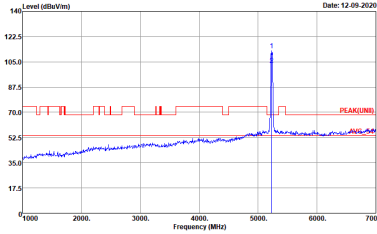
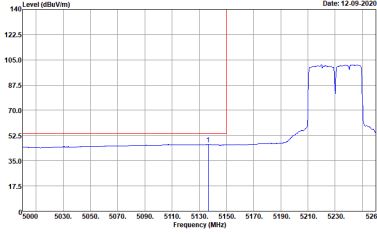
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ANT	VHT20 CH40 5200MHz+VHT20 CH44 5220MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 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 : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch40+11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

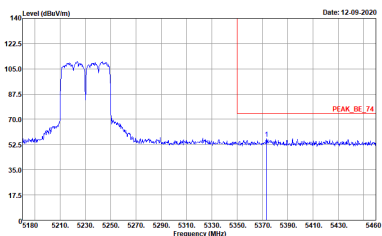
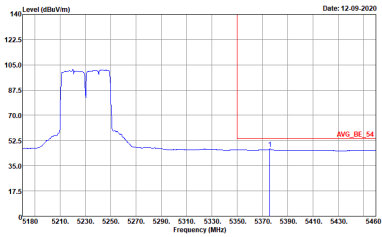
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

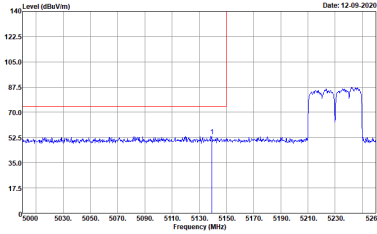
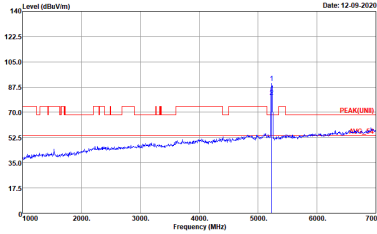
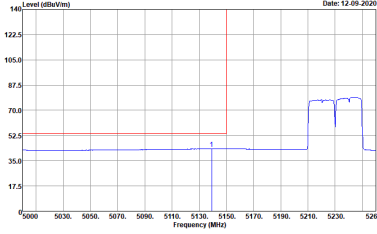
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ANT	VHT20 CH40 5200MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11oc(20)_Tx_Ch40+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 : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11oc(20)_Tx_Ch40+11oc(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

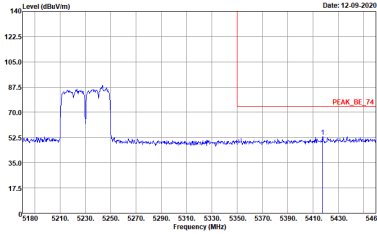
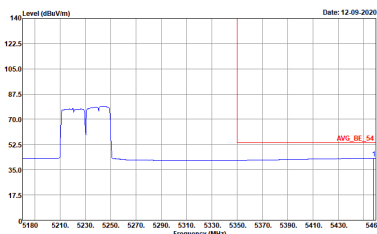
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+ VHT40 CH46 5230MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : I1ac(20)_Tx_Ch40+I1ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : I1ac(20)_Tx_Ch40+I1ac(40)_Tx_Ch46 Plane : Y with Adapter
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : I1ac(20)_Tx_Ch40+I1ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

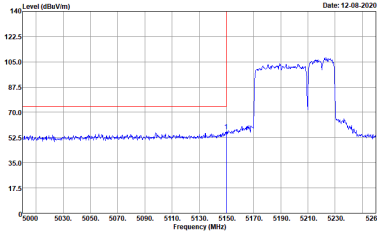
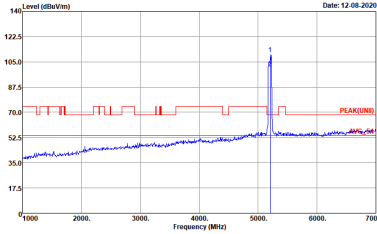
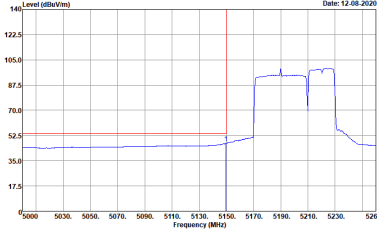
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ANT	VHT20 CH40 5200MHz+ VHT40 CH46 5230MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

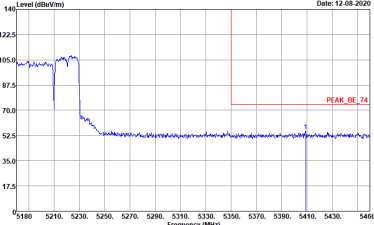
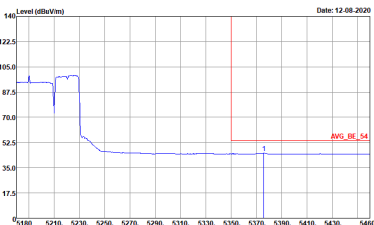
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH44 5220MHz+ VHT20 CH48 5240MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch44+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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

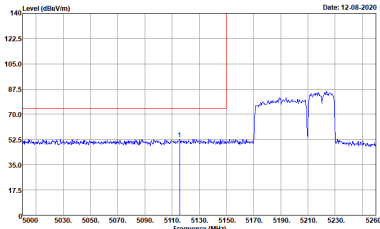
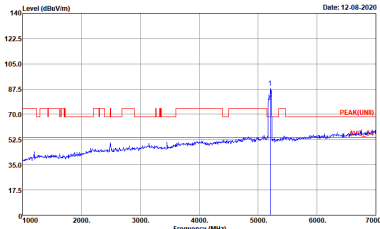
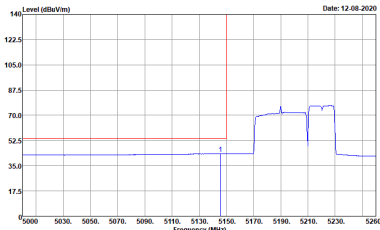
Band 1 5150~5250MHz Band Edge @ 3m		
ANT	VHT20 CH44 5220MHz+ VHT20 CH48 5240MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Wac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

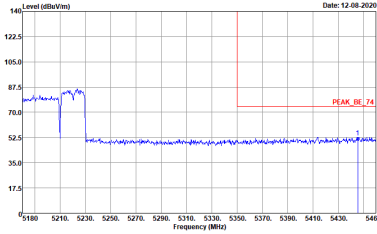
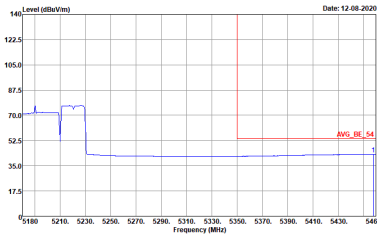
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ANT	VHT20 CH44 5220MHz+ VHT20 CH48 5240MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch44+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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

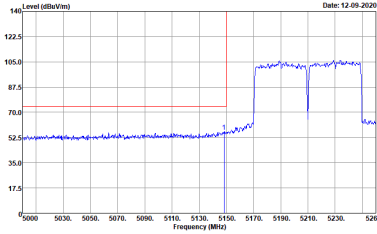
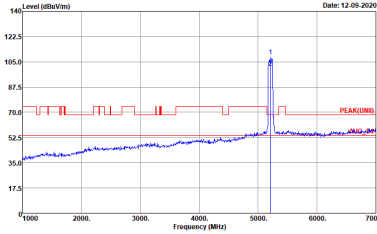
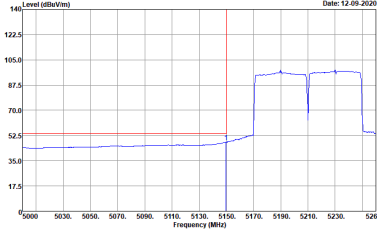
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH44 5220MHz+ VHT20 CH48 5240MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

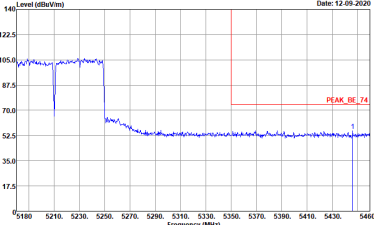
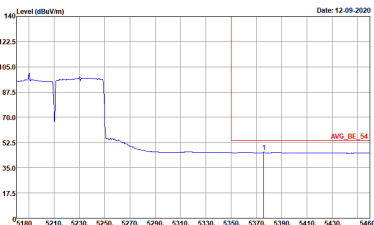
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ANT	VHT40 CH38 5190MHz+ VHT20 CH44 5220MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

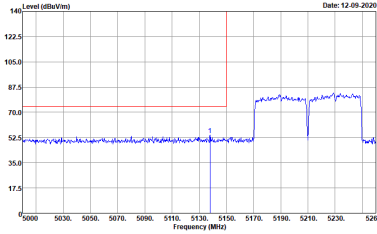
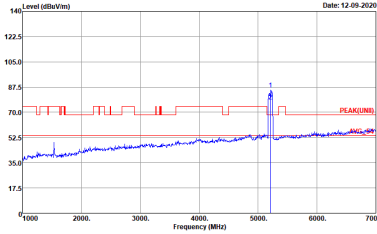
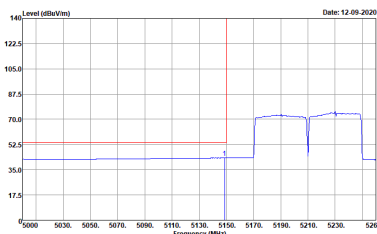
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ANT	VHT40 CH38 5190MHz+ VHT20 CH44 5220MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

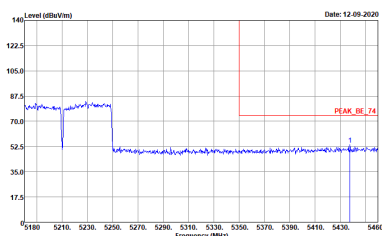
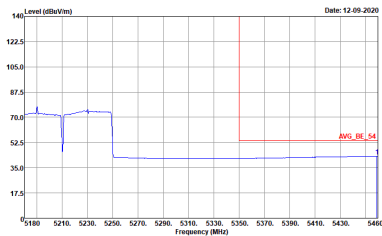
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH44 5220MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11oc(40)_Tx_Ch38+11oc(20)_Tx_Ch44 Plane : Y with Adapter	Left blank

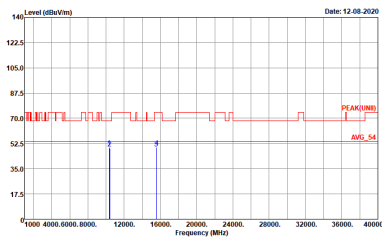
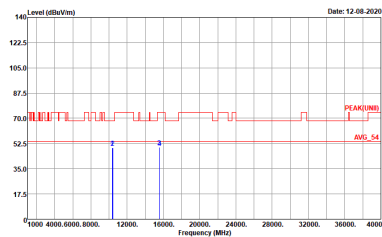
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

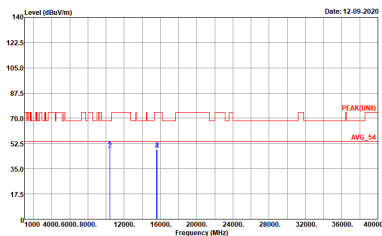
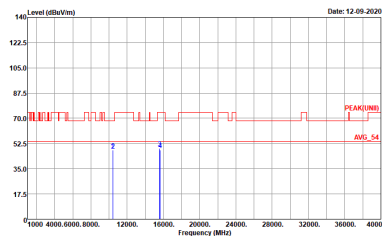
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

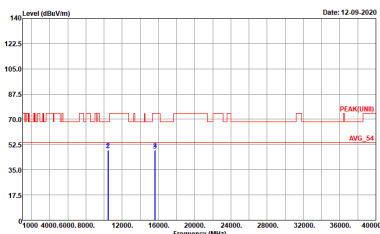
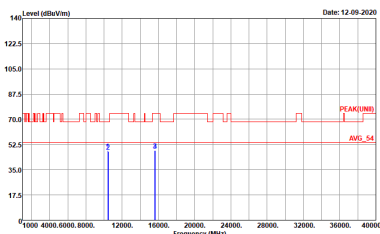
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT40 CH46 5230MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11oc(40)_Tx_Ch38+11oc(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

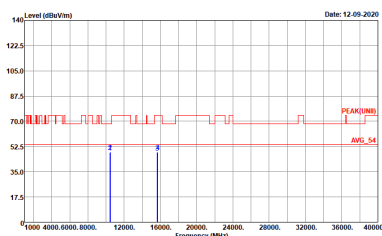
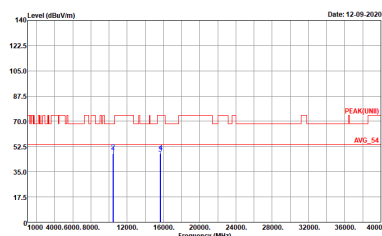
Band 1 - 5150~5250MHz
(Harmonic @ 3m)

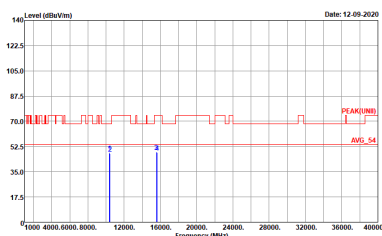
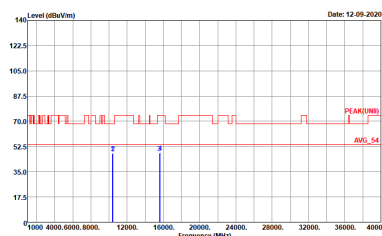
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH40 5200MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch40 Plane : Y with Adapter

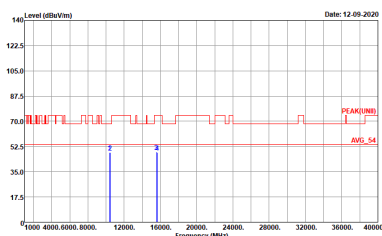
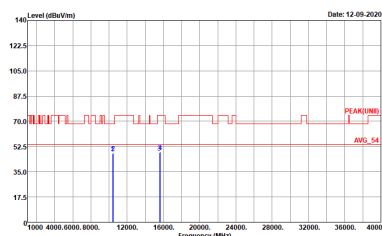
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH40 5200MHz+VHT20 CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNB) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : S125F12022000002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : S125F12022000002 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(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch40+11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter

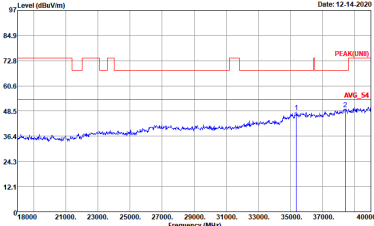
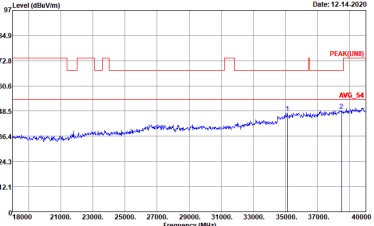
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH44 5220MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 Mode : 11ac(40)_Tx_Ch38+11ac(40)_Tx_Ch46 Plane : Y with Adapter



Emission above 18GHz

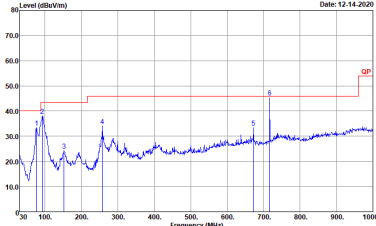
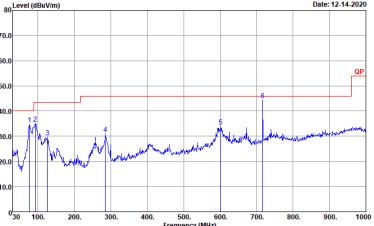
(SHF)

	5GHz																																																																																																
ANT	SHF																																																																																																
1+2	Horizontal					Vertical																																																																																											
Peak Avg.																																																																																																	
	Site : 03CH02-CA Condition : PEAK(UNII) 1m HORN 9170-SHF_00842 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11oc(20)_Tx_Ch44+11oc(20)_Tx_Ch48 Plane : Y with Adapter <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamplifier</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th></tr><tr><th></th><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><tr><td>1</td><td>35358.00</td><td>48.84</td><td>-20.16</td><td>68.20</td><td>38.13</td><td>42.26</td><td>31.26</td><td>54.07</td><td>150</td><td>0 Peak</td></tr><tr><td>2</td><td>38416.00</td><td>49.45</td><td>-18.75</td><td>68.20</td><td>37.04</td><td>44.31</td><td>32.58</td><td>54.94</td><td>150</td><td>0 Peak</td></tr></table>						Freq	Level	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Poss	T/Poss	Remark		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	35358.00	48.84	-20.16	68.20	38.13	42.26	31.26	54.07	150	0 Peak	2	38416.00	49.45	-18.75	68.20	37.04	44.31	32.58	54.94	150	0 Peak	Site : 03CH02-CA Condition : PEAK(UNII) 1m HORN 9170-SHF_00842 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F1202200002 Mode : 11oc(20)_Tx_Ch44+11oc(20)_Tx_Ch48 Plane : Y with Adapter <table><tr><th></th><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamplifier</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th></tr><tr><th></th><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><tr><td>1</td><td>35116.00</td><td>47.52</td><td>-20.68</td><td>68.20</td><td>37.96</td><td>41.84</td><td>31.14</td><td>53.88</td><td>150</td><td>0 Peak</td></tr><tr><td>2</td><td>38482.00</td><td>48.66</td><td>-19.54</td><td>68.20</td><td>36.62</td><td>43.94</td><td>32.60</td><td>54.96</td><td>150</td><td>0 Peak</td></tr></table>						Freq	Level	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Poss	T/Poss	Remark		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	1	35116.00	47.52	-20.68	68.20	37.96	41.84	31.14	53.88	150	0 Peak	2	38482.00	48.66	-19.54	68.20	36.62	43.94	32.60	54.96	150
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamplifier	A/Poss	T/Poss	Remark																																																																																							
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg																																																																																							
1	35358.00	48.84	-20.16	68.20	38.13	42.26	31.26	54.07	150	0 Peak																																																																																							
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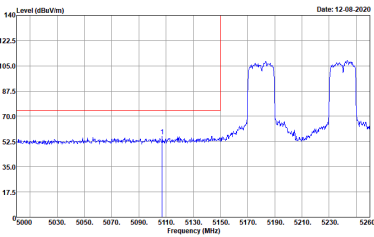
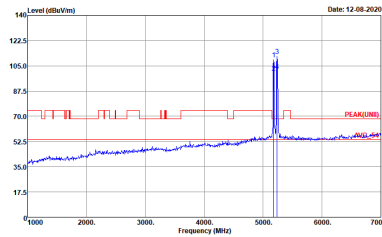
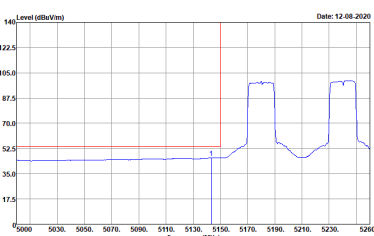


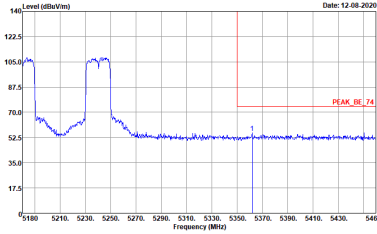
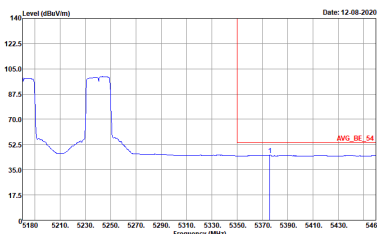
Emission below 1GHz

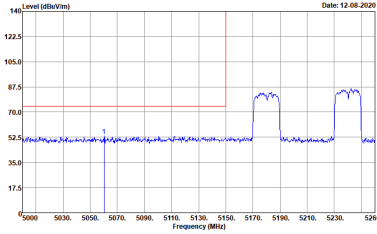
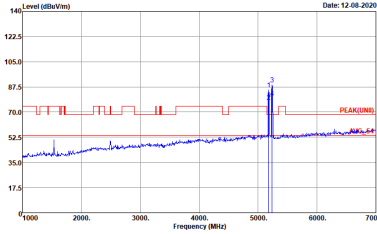
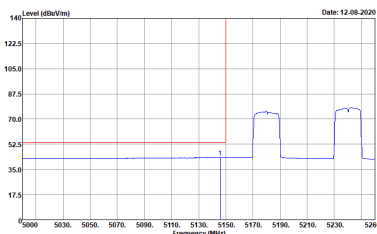
(LF)

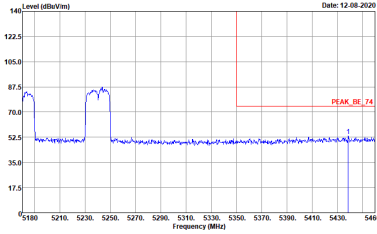
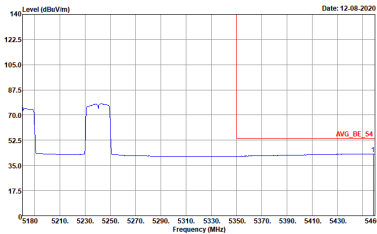
	5GHz																																																																																																																																																																	
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1+2	Horizontal	Vertical																																																																																																																																																																
QP / Peak	 Site : 03CH02-CA Condition : QP 3m BTL06 6111D-LF_50392 HORIZONTAL Detector : RBW:120.000KHz VBW:300.000KHz SWT:0.500sec Project : Peak Power : 200624001 EUT : AVR Power 120Vac/60Hz Model : 56Hz AP for Outdoor SN : 61-0N6AS1002 Mode : S125F1202200002 Plane : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter <table><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>dB/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>76.56</td><td>33.39</td><td>-6.61</td><td>40.00</td><td>51.21</td><td>13.06</td><td>1.34</td><td>32.43</td><td>---</td></tr><tr><td>2</td><td>93.05</td><td>38.07</td><td>-5.43</td><td>43.50</td><td>53.59</td><td>15.21</td><td>1.48</td><td>32.42</td><td>---</td></tr><tr><td>3</td><td>152.22</td><td>24.31</td><td>-19.19</td><td>43.50</td><td>37.62</td><td>17.00</td><td>1.89</td><td>32.40</td><td>---</td></tr><tr><td>4</td><td>257.95</td><td>34.11</td><td>-11.85</td><td>46.00</td><td>44.26</td><td>19.69</td><td>2.46</td><td>32.41</td><td>---</td></tr><tr><td>5</td><td>672.14</td><td>33.43</td><td>-12.57</td><td>46.00</td><td>35.52</td><td>26.20</td><td>3.93</td><td>32.59</td><td>---</td></tr><tr><td>6</td><td>715.00</td><td>45.38</td><td>-0.62</td><td>46.00</td><td>46.41</td><td>26.97</td><td>4.00</td><td>32.52</td><td>104 30 QP</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dB/m	dB/m	dB	dB	cm	deg	1	76.56	33.39	-6.61	40.00	51.21	13.06	1.34	32.43	---	2	93.05	38.07	-5.43	43.50	53.59	15.21	1.48	32.42	---	3	152.22	24.31	-19.19	43.50	37.62	17.00	1.89	32.40	---	4	257.95	34.11	-11.85	46.00	44.26	19.69	2.46	32.41	---	5	672.14	33.43	-12.57	46.00	35.52	26.20	3.93	32.59	---	6	715.00	45.38	-0.62	46.00	46.41	26.97	4.00	32.52	104 30 QP	 Site : 03CH02-CA Condition : QP 3m BTL06 6111D-LF_50392 VERTICAL Detector : RBW:120.000KHz VBW:300.000KHz SWT:0.500sec Project : Peak Power : 200624001 EUT : AVR Power 120Vac/60Hz Model : 56Hz AP for Outdoor SN : 61-0N6AS1002 Mode : S125F1202200002 Plane : 11ac(20)_Tx_Ch44+11ac(20)_Tx_Ch48 Plane : Y with Adapter <table><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>dB/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>76.56</td><td>34.70</td><td>-5.30</td><td>40.00</td><td>52.52</td><td>13.06</td><td>1.34</td><td>32.43</td><td>---</td></tr><tr><td>2</td><td>93.05</td><td>35.04</td><td>-6.46</td><td>43.50</td><td>50.56</td><td>15.21</td><td>1.48</td><td>32.42</td><td>---</td></tr><tr><td>3</td><td>126.03</td><td>29.58</td><td>-13.92</td><td>43.50</td><td>42.49</td><td>17.70</td><td>1.71</td><td>32.41</td><td>---</td></tr><tr><td>4</td><td>285.11</td><td>30.98</td><td>-15.02</td><td>46.00</td><td>41.77</td><td>18.90</td><td>2.50</td><td>32.43</td><td>---</td></tr><tr><td>5</td><td>681.33</td><td>33.77</td><td>-12.23</td><td>46.00</td><td>36.73</td><td>25.70</td><td>3.73</td><td>32.63</td><td>---</td></tr><tr><td>6</td><td>715.00</td><td>44.38</td><td>-1.62</td><td>46.00</td><td>45.41</td><td>26.97</td><td>4.00</td><td>32.52</td><td>105 0 QP</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	MHz	dBuV/m	dB	dBuV/m	dB/m	dB/m	dB	dB	cm	deg	1	76.56	34.70	-5.30	40.00	52.52	13.06	1.34	32.43	---	2	93.05	35.04	-6.46	43.50	50.56	15.21	1.48	32.42	---	3	126.03	29.58	-13.92	43.50	42.49	17.70	1.71	32.41	---	4	285.11	30.98	-15.02	46.00	41.77	18.90	2.50	32.43	---	5	681.33	33.77	-12.23	46.00	36.73	25.70	3.73	32.63	---	6	715.00	44.38	-1.62	46.00	45.41	26.97	4.00	32.52	105 0 QP
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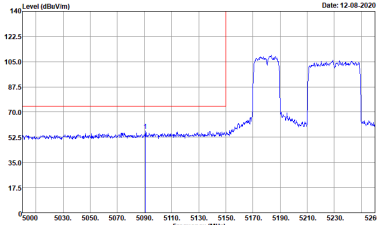
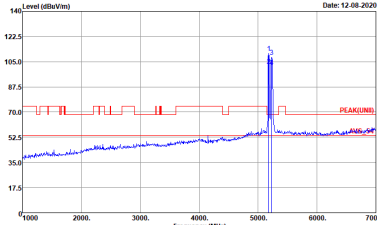
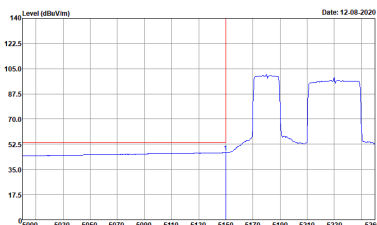
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Band 1 - 5150~5250MHz
(Band Edge @ 3m)

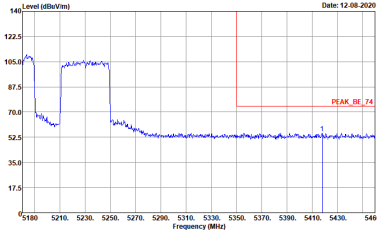
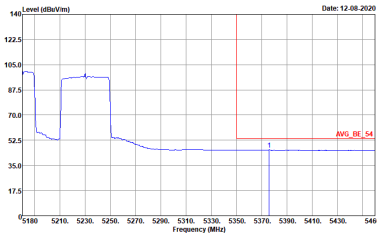
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH48 5240MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 Plane : Y with Adapter
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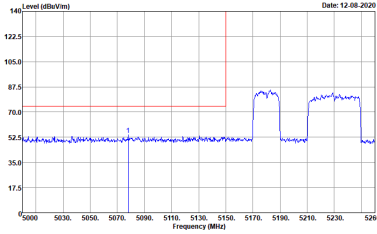
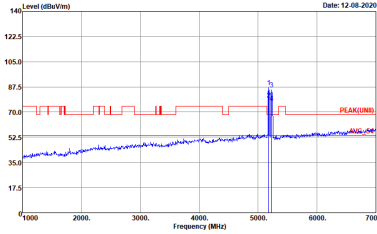
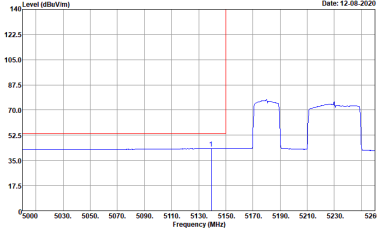
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH48 5240MHz	
1+2	Horizontal	Fundamental
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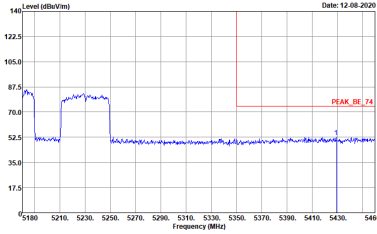
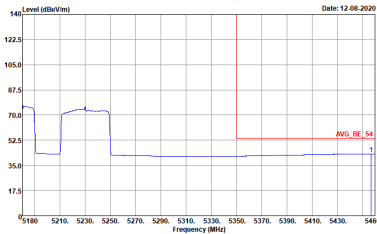
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH48 5240MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 Plane : Y with Adapter
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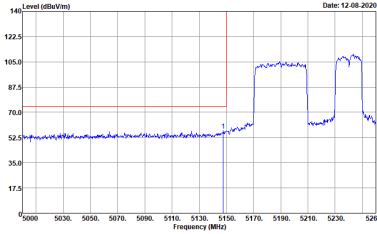
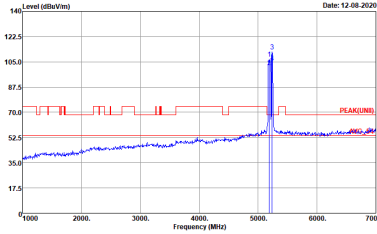
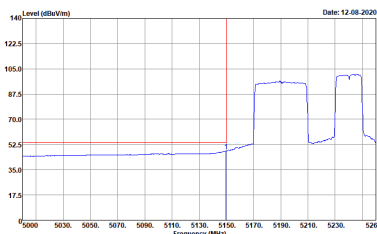
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT20 CH48 5240MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(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 : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

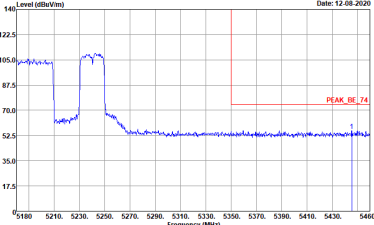
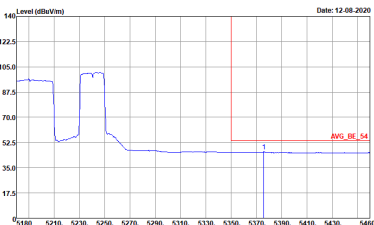
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 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 Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter
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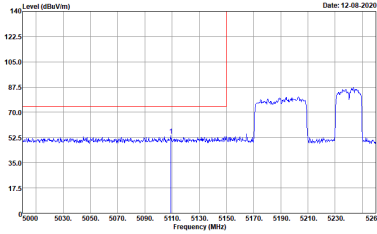
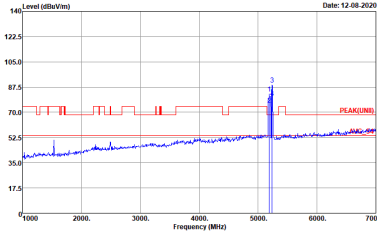
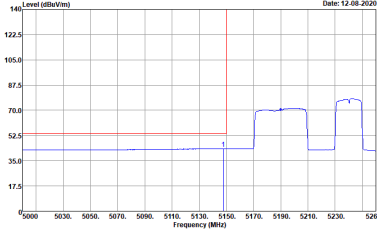
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+ VHT40 CH46 5230MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank
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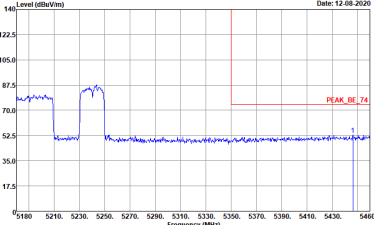
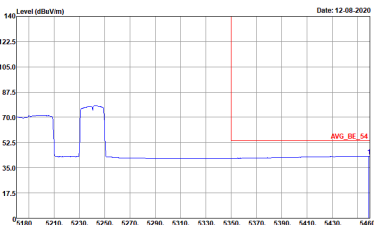
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+ VHT40 CH46 5230MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : 61-8N5AS1002 SN : S125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter
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	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+ VHT40 CH46 5230MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch36+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 : 200624001 Power : AVR Power 120Voc/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5AS1002 SN : 5125F1202200002 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter	Left blank

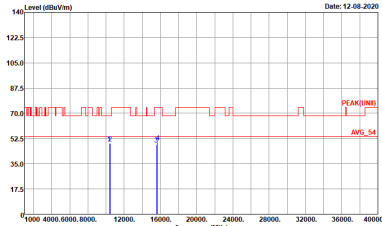
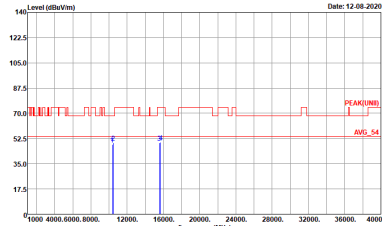
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH48 5240MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch48 Plane : Y with Adapter
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ANT	VHT40 CH38 5190MHz+ VHT20 CH48 5240MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

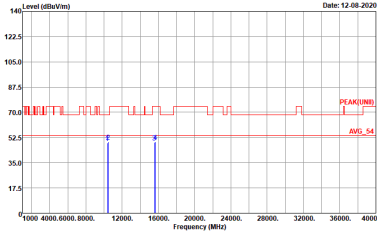
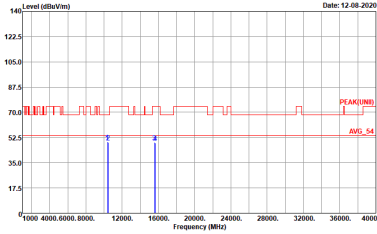
	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH48 5240MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP For Outdoor Model : G1-8N6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH48 5240MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(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 : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : G1-BN6AS1002 SN : S125F1202200002 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch48 Plane : Y with Adapter	Left blank

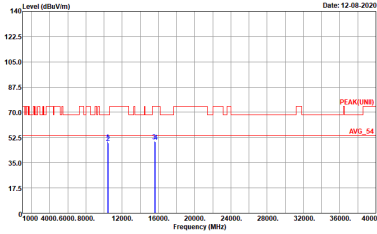
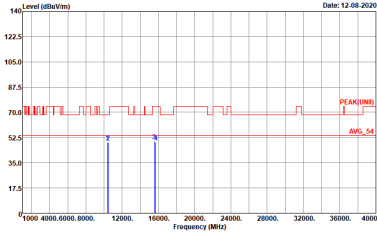
**Band 1 - 5150~5250MHz
(Harmonic @ 3m)**

	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(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch36+11ac(20)_Tx_Ch48 Plane : Y with Adapter

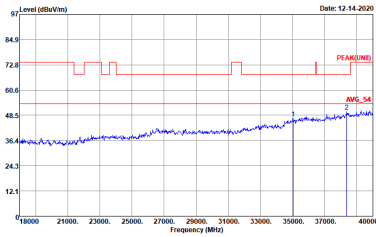
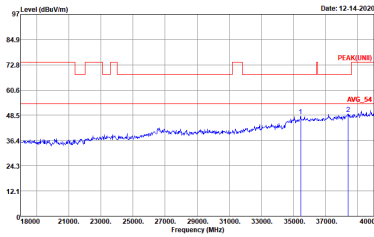


	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT20 CH36 5180MHz+VHT40 CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 Mode : 11ac(20)_Tx_Ch36+11ac(40)_Tx_Ch46 Plane : Y with Adapter

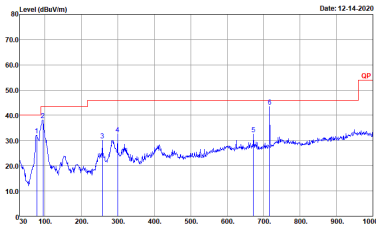
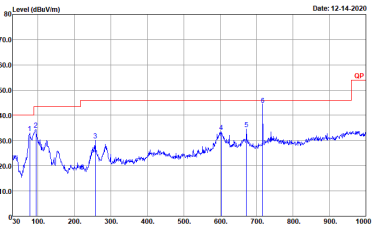


	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	VHT40 CH38 5190MHz+ VHT20 CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 HORIZONTAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch48 Plane : Y with Adapter	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN 91200-HF_01895 VERTICAL Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 56Hz AP for Outdoor Model : 61-8N5A51002 SN : 5125F12022000002 Mode : 11ac(40)_Tx_Ch38+11ac(20)_Tx_Ch48 Plane : Y with Adapter

Emission above 18GHz (SHF)

	5GHz																																																																																																
ANT	VHT40+ VHT20 SHF																																																																																																
1+2	Horizontal					Vertical																																																																																											
Peak Avg.																																																																																																	
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	<table><thead><tr><th></th><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></th><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>35058.00</td><td>47.13</td><td>-21.87</td><td>68.20</td><td>37.76</td><td>41.60</td><td>31.10</td><td>53.79</td><td>150</td><td>0 Peak</td></tr><tr><td>2</td><td>38372.00</td><td>58.20</td><td>-18.00</td><td>68.20</td><td>37.81</td><td>44.28</td><td>32.57</td><td>54.92</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	35058.00	47.13	-21.87	68.20	37.76	41.60	31.10	53.79	150	0 Peak	2	38372.00	58.20	-18.00	68.20	37.81	44.28	32.57	54.92	150	0 Peak	<table><thead><tr><th></th><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></th><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>35446.00</td><td>48.17</td><td>-20.83</td><td>68.20</td><td>37.98</td><td>42.59</td><td>31.31</td><td>54.17</td><td>150</td><td>0 Peak</td></tr><tr><td>2</td><td>38394.00</td><td>49.85</td><td>-19.15</td><td>68.20</td><td>37.82</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/Pos	T/Pos	Remark		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg		1	35446.00	48.17	-20.83	68.20	37.98	42.59	31.31	54.17	150	0 Peak	2	38394.00	49.85	-19.15	68.20	37.82	43.92	32.58	54.93	150
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Emission below 1GHz (LF)

		5GHz																																																																																																																																																																																						
ANT	VHT40+ VHT20																																																																																																																																																																																							
1+2	Horizontal	Vertical																																																																																																																																																																																						
QP / Peak	 Site : 03CH02-CA Condition : QP 3m BIL06 6111D-LF_50392 HORIZONTAL RBW:120.000KHz VBW:300.000KHz SWT:0.500sec Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 5GHz AP For Outdoor Model : G1-BNCA51002 SN : S125F1202200002 Mode : Iloc(40)_Tx_Ch38+Iloc(20)_Tx_Ch48 Plane : -Y with Adapter <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable 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>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>77.53</td><td>32.18</td><td>-7.82</td><td>40.00</td><td>49.88</td><td>13.15</td><td>1.35</td><td>32.42</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>94.02</td><td>38.15</td><td>-5.35</td><td>43.50</td><td>53.49</td><td>15.40</td><td>1.48</td><td>32.42</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>257.95</td><td>38.14</td><td>-15.86</td><td>46.00</td><td>40.25</td><td>19.69</td><td>2.46</td><td>32.41</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>299.66</td><td>32.53</td><td>-13.47</td><td>46.00</td><td>42.96</td><td>19.20</td><td>2.65</td><td>32.44</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>672.14</td><td>32.43</td><td>-13.57</td><td>46.00</td><td>34.52</td><td>26.20</td><td>3.93</td><td>32.59</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>716.00</td><td>43.48</td><td>-2.52</td><td>46.00</td><td>44.51</td><td>26.97</td><td>4.00</td><td>32.52</td><td>100</td><td>36</td><td>QP</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	dB	cm	deg	1	77.53	32.18	-7.82	40.00	49.88	13.15	1.35	32.42	---	---	Peak	2	94.02	38.15	-5.35	43.50	53.49	15.40	1.48	32.42	---	---	Peak	3	257.95	38.14	-15.86	46.00	40.25	19.69	2.46	32.41	---	---	Peak	4	299.66	32.53	-13.47	46.00	42.96	19.20	2.65	32.44	---	---	Peak	5	672.14	32.43	-13.57	46.00	34.52	26.20	3.93	32.59	---	---	Peak	6	716.00	43.48	-2.52	46.00	44.51	26.97	4.00	32.52	100	36	QP	 Site : 03CH02-CA Condition : QP 3m BIL06 6111D-LF_50392 VERTICAL RBW:120.000KHz VBW:300.000KHz SWT:0.500sec Detector : Peak Project : 200624001 Power : AVR Power 120Vac/60Hz EUT : 5GHz AP For Outdoor Model : G1-BNCA51002 SN : S125F1202200002 Mode : Iloc(40)_Tx_Ch38+Iloc(20)_Tx_Ch48 Plane : -Y with Adapter <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable 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>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>77.53</td><td>32.97</td><td>-7.03</td><td>40.00</td><td>50.67</td><td>13.15</td><td>1.35</td><td>32.42</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>2</td><td>94.02</td><td>34.27</td><td>-9.23</td><td>43.50</td><td>49.61</td><td>15.40</td><td>1.48</td><td>32.42</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>3</td><td>257.95</td><td>38.16</td><td>-15.84</td><td>46.00</td><td>40.27</td><td>19.69</td><td>2.46</td><td>32.41</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>4</td><td>603.27</td><td>33.38</td><td>-12.62</td><td>46.00</td><td>36.33</td><td>25.70</td><td>3.74</td><td>32.63</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>5</td><td>672.14</td><td>34.58</td><td>-11.42</td><td>46.00</td><td>36.67</td><td>26.20</td><td>3.93</td><td>32.59</td><td>---</td><td>---</td><td>Peak</td></tr><tr><td>6</td><td>716.00</td><td>44.18</td><td>-1.82</td><td>46.00</td><td>45.21</td><td>26.97</td><td>4.00</td><td>32.52</td><td>100</td><td>317</td><td>QP</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	dB	cm	deg	1	77.53	32.97	-7.03	40.00	50.67	13.15	1.35	32.42	---	---	Peak	2	94.02	34.27	-9.23	43.50	49.61	15.40	1.48	32.42	---	---	Peak	3	257.95	38.16	-15.84	46.00	40.27	19.69	2.46	32.41	---	---	Peak	4	603.27	33.38	-12.62	46.00	36.33	25.70	3.74	32.63	---	---	Peak	5	672.14	34.58	-11.42	46.00	36.67	26.20	3.93	32.59	---	---	Peak	6	716.00	44.18	-1.82	46.00	45.21	26.97	4.00	32.52	100	317	QP
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Appendix E. Duty Cycle Plots

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

