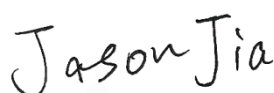


FCC RF Test Report

APPLICANT : Amazon.com Services, LLC
EQUIPMENT : Digital Media Receiver
FCC ID : 2AZ5B21A01
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure
TEST DATE(S) : May 01, 2021 ~ May 30, 2021

We, Sporton International (Kunshan) 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 (Kunshan) Inc., the test report shall not be reproduced except in full.



Reviewed by: Jason Jia / Supervisor



Approved by: Alex Wang / Manager



Sporton International (Kunshan) Inc.

**No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China**



TABLE OF CONTENTS

REVISION HISTORY.....	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Applicant	5
1.2 Product Feature of Equipment Under Test.....	5
1.3 Product Specification of Equipment Under Test.....	5
1.4 Modification of EUT	5
1.5 Testing Location	6
1.6 Test Software.....	6
1.7 Applicable Standards.....	6
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	7
2.1 Carrier Frequency and Channel	7
2.2 Test Mode	8
2.3 Connection Diagram of Test System.....	9
2.4 Support Unit used in test configuration and system	10
2.5 EUT Operation Test Setup	10
2.6 Measurement Results Explanation Example.....	10
3 TEST RESULT.....	11
3.1 26dB & 99% Occupied Bandwidth Measurement	11
3.2 Maximum Conducted Output Power Measurement	13
3.3 Power Spectral Density Measurement	14
3.4 Unwanted Emissions Measurement	17
3.5 AC Conducted Emission Measurement.....	21
3.6 Automatically Discontinue Transmission	23
3.7 Antenna Requirements.....	24
4 LIST OF MEASURING EQUIPMENT	25
5 UNCERTAINTY OF EVALUATION	26
APPENDIX A. CONDUCTED TEST RESULTS	
APPENDIX B. AC CONDUCTED EMISSION TEST RESULT	
APPENDIX C. RADIATED SPURIOUS EMISSION	
APPENDIX D. RADIATED SPURIOUS EMISSION PLOTS	
APPENDIX E. DUTY CYCLE PLOTS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR082617-01D	Rev. 01	Initial issue of report	Jun. 09, 2021
FR082617-01D	Rev. 02	Revised report based on TCB comment	Jul. 01, 2021

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	N/A
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm	Pass
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm	Pass
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass
3.5	15.207	AC Conducted Emission	15.207(a)	Pass
3.6	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass
3.7	15.203 & 15.407(a)	Antenna Requirement	N/A	N/A

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 Applicant

Amazon.com Services, LLC

410 Terry Ave N Seattle, WA 98109

1.2 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
FCC ID	2AZ5B21A01
EUT supports Radios application	WLAN 2.4GHz 802.11b/g/n HT20 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE

1.3 Product Specification of Equipment Under Test

Standards-related Product Specification				
Tx/Rx Frequency Range		5180 MHz ~ 5240 MHz		
Maximum Output Power to Antenna		<5180 MHz ~ 5240 MHz> 802.11a : 19.13 dBm / 0.0818 W 802.11n HT20 : 19.10 dBm / 0.0813 W 802.11n HT40 : 20.13 dBm / 0.1030 W 802.11ac VHT20 : 18.90 dBm / 0.0776 W 802.11ac VHT40 : 20.00 dBm / 0.1000 W 802.11ac VHT80 : 16.46 dBm / 0.0443 W		
99% Occupied Bandwidth		802.11a : 23.13 MHz 802.11n HT20 : 25.77 MHz 802.11n HT40 : 36.86 MHz 802.11ac VHT20 : 18.38 MHz 802.11ac VHT40 : 36.76 MHz 802.11ac VHT80 : 75.64 MHz		
Antenna Type / Gain		<Ant. 1> : Fixed internal Antenna with gain 4.60 dBi <Ant. 2> : Fixed internal Antenna with gain 4.40 dBi		
Type of Modulation		802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)		
Antenna Function Description			Ant. 1	Ant. 2
		802.11 a/n/ac MIMO	V	V

1.4 Modification of EUT

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



1.5 Testing Location

Sporton International (Kunshan) Inc. is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.02.

Test Firm	Sporton International (Kunshan) Inc.		
Test Site Location	No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300 People's Republic of China TEL : +86-512-57900158 FAX : +86-512-57900958		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	CO01-KS 03CH06-KS TH01-KS	CN1257	314309

1.6 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH06-KS	AUDIX	E3	6.2009-8-24a1
2.	CO01-KS	Rohde&Schwarz	EMC32	10.60.0.0

1.7 Applicable Standards

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

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

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

2 Test Configuration of Equipment Under Test

- a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (Y plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5180-5240 MHz U-NII-1	36	5180	44	5220
	38	5190	46	5230
	40	5200	48	5240
	42	5210		

2.2 Test Mode

Final test modes are considering the modulation and worse data rates as below table.

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

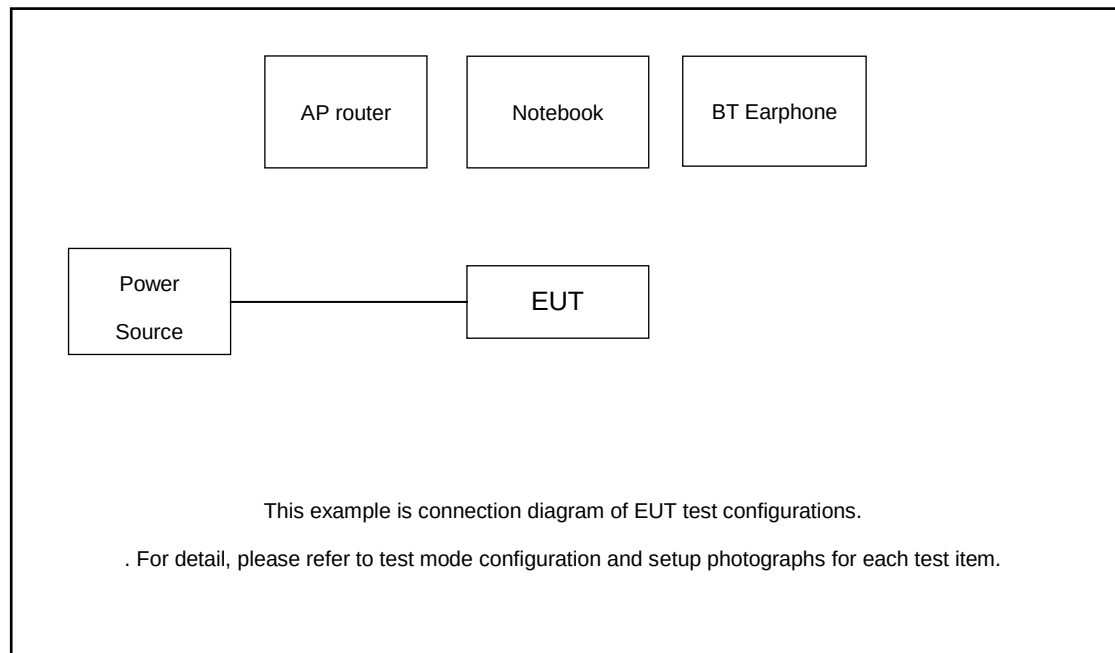
Test Cases	
AC Conducted Emission	Mode 1 : Bluetooth Link + WLAN (5G) Link + Display + Video Play + Power from Adapter
Remark: For Radiated Test Cases, The tests were performed with Adapter.	

Ch. #		U-NII-1 : 5180-5240 MHz	U-NII-1 : 5180-5240 MHz	U-NII-1 : 5180-5240 MHz
		802.11a	802.11n HT20	802.11n HT40
L	Low	36	36	38
M	Middle	44	44	-
H	High	48	48	46

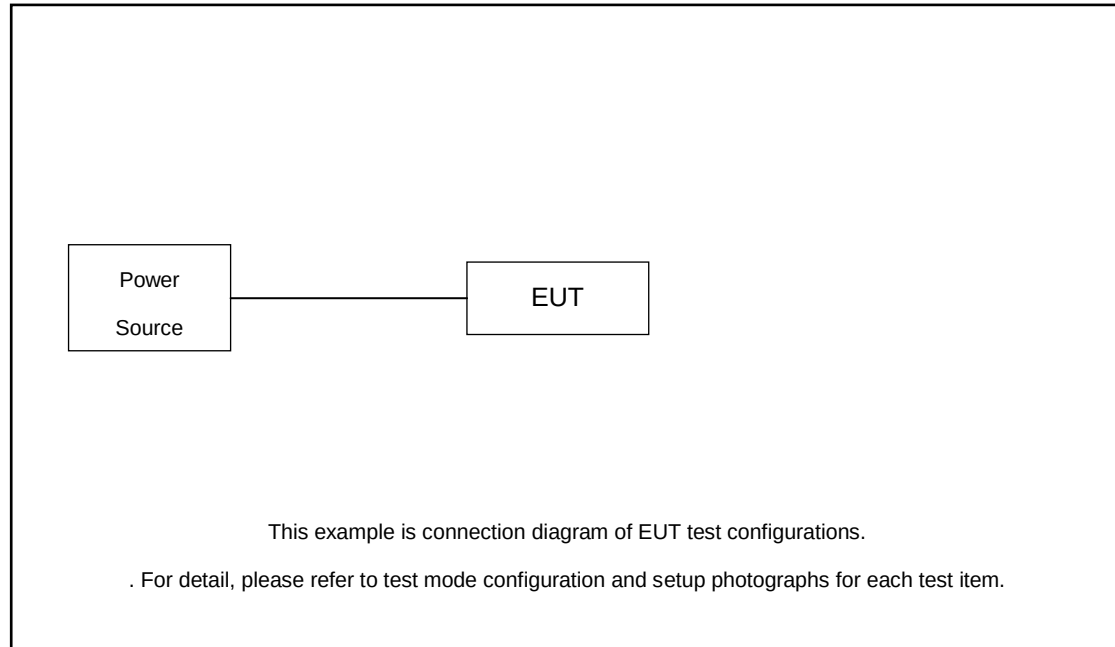
Ch. #		U-NII-1 : 5180-5240 MHz	U-NII-1 : 5180-5240 MHz	U-NII-1 : 5180-5240 MHz
		802.11ac VHT20	802.11ac VHT40	802.11ac VHT80
L	Low	36	38	-
M	Middle	44	-	42
H	High	48	46	-

2.3 Connection Diagram of Test System

For Conducted Emission:



For Radiated Emission:



2.4 Support Unit used in test configuration and system

Item	Equipment	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	DIR-655	KA21R655B1	N/A	Unshielded, 1.8m
2.	Notebook	G480	QDS-BRCM1050I	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
3.	Bluetooth Earphone	LBH308	N/A	N/A	N/A

2.5 EUT Operation Test Setup

For WLAN RF test items, an engineering test program was provided and enabled to make EUT continuous transmit.

For AC power line conducted emissions, the EUT was set to connect with the Bluetooth Earphone and WLAN AP under large package sizes transmission.

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 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.

Offset = RF cable loss.

Following shows an offset computation example with cable loss 7.2 dB.

Offset(dB) = RF cable loss(dB).

= 7.2 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

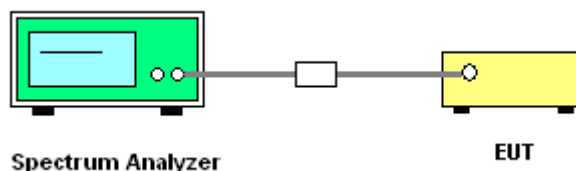
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

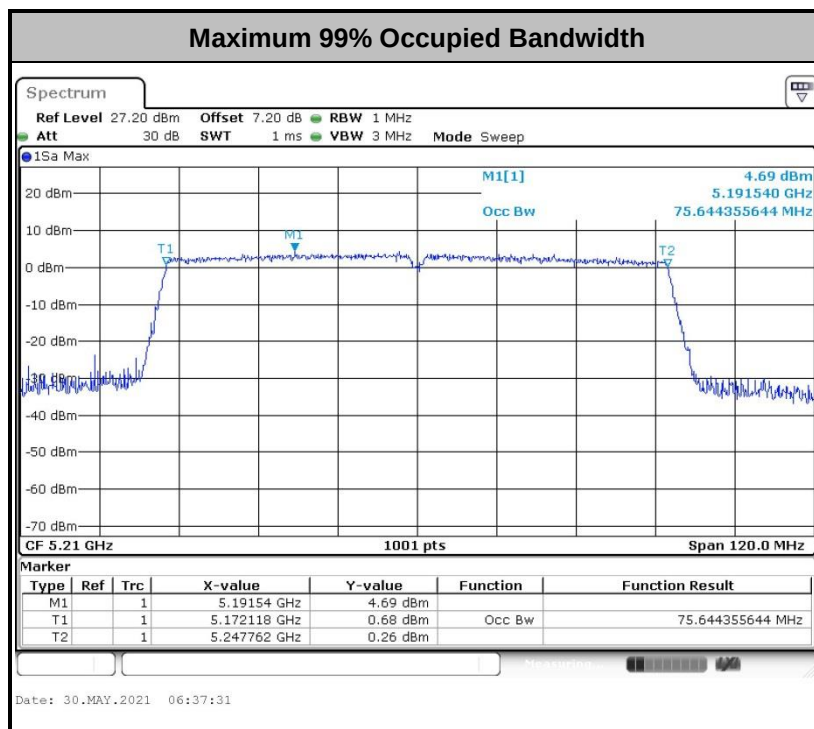
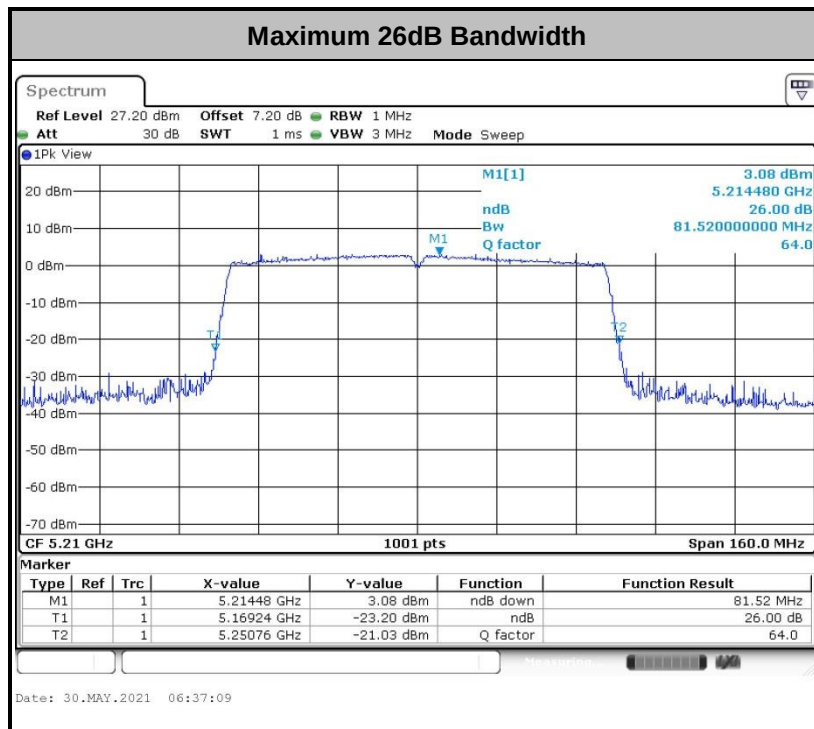
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.
7. For 99% Bandwidth Measurement, the spectrum analyzer's resolution bandwidth (RBW) is set 1MHz and set the Video bandwidth (VBW) $\geq 3 * RBW$.
8. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 26dB & 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 mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW.

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

3.2.2 Measuring Instruments

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

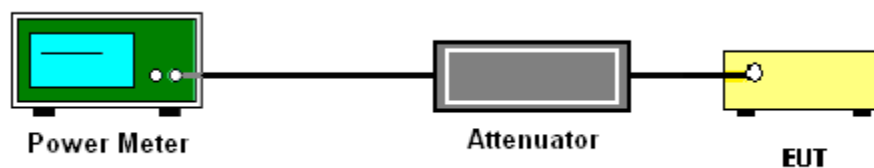
3.2.3 Test Procedures

The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules 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 mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

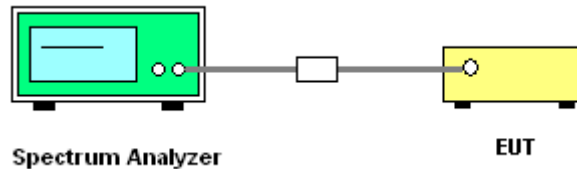
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW $\geq$ 3 MHz.
- Number of points in sweep $\geq$ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

Method (a): Measure and sum the spectra across the outputs.

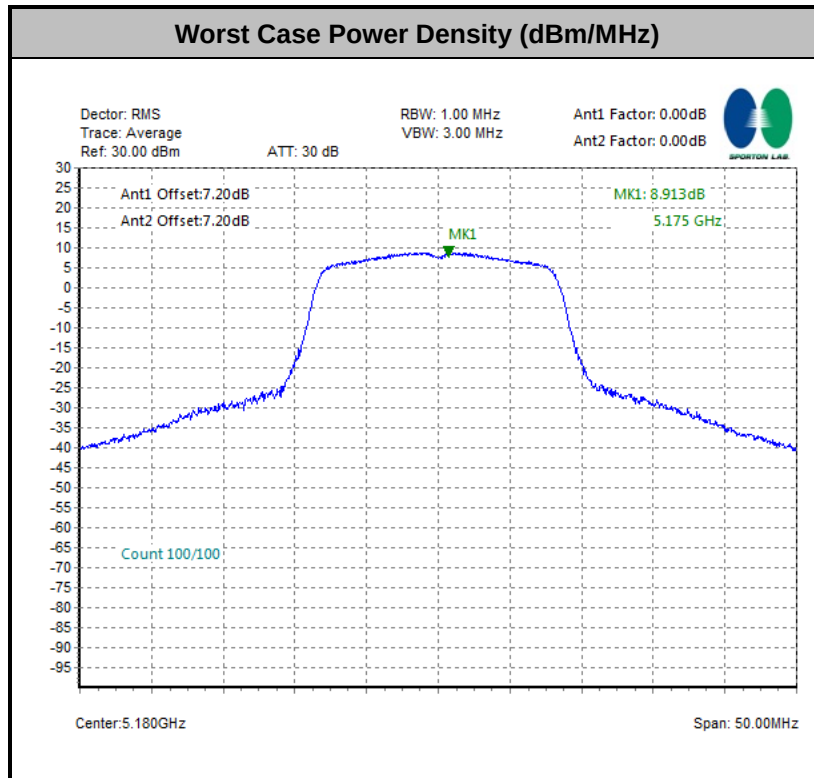
The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points, the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

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

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

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

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

$$EIRP = E_{Meas} + 20\log(d_{Meas}) - 104.7$$

where

EIRP is the equivalent isotropically radiated power, in dBm

E_{Meas} is the field strength of the emission at the measurement distance, in dBμV/m

d_{Meas} is the measurement distance, in m

3.4.2 Measuring Instruments

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



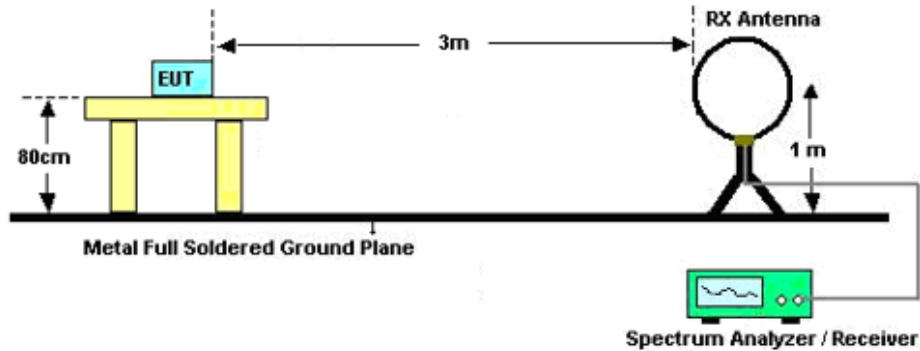
3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules 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.
 - Detector = Peak
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 peak limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in

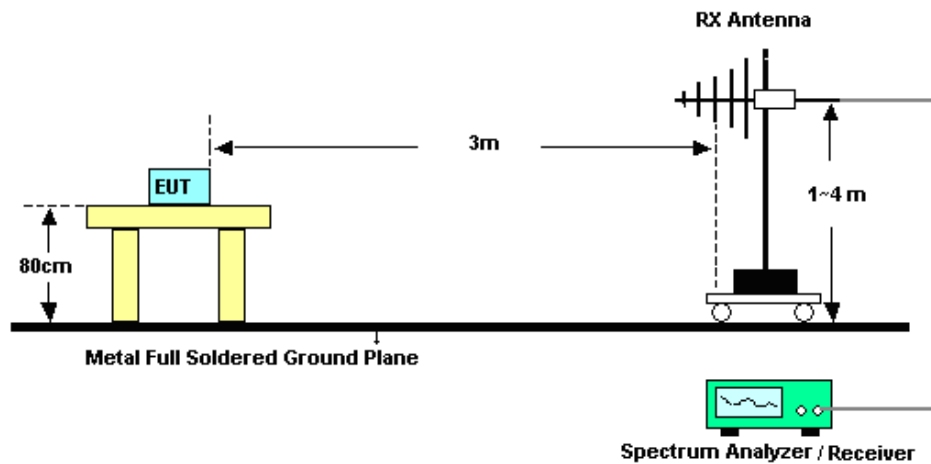
average mode again and reported.

3.4.4 Test Setup

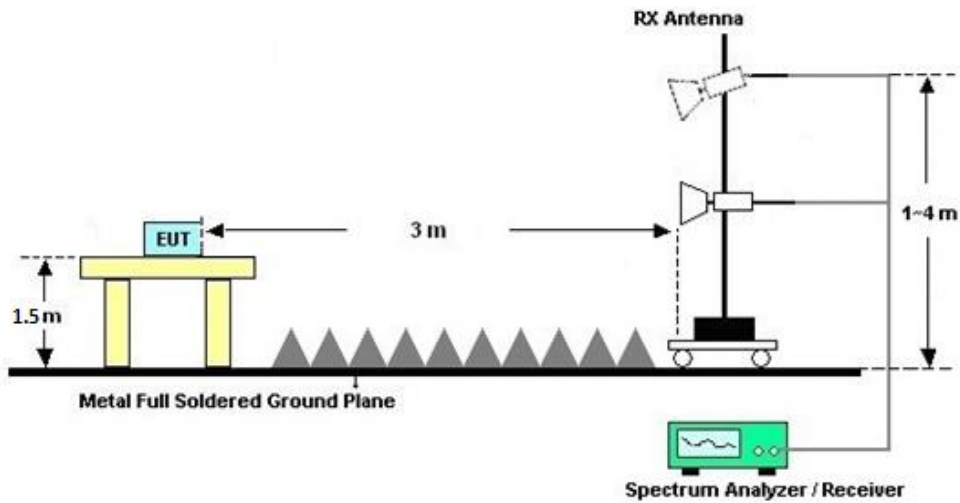
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

There is a comparison data of both open-field test site and semi-Anechoic chamber, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C & D.

3.4.7 Duty Cycle

Please refer to Appendix E.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic or 40GHz, whichever is lower)

Please refer to Appendix C & 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.

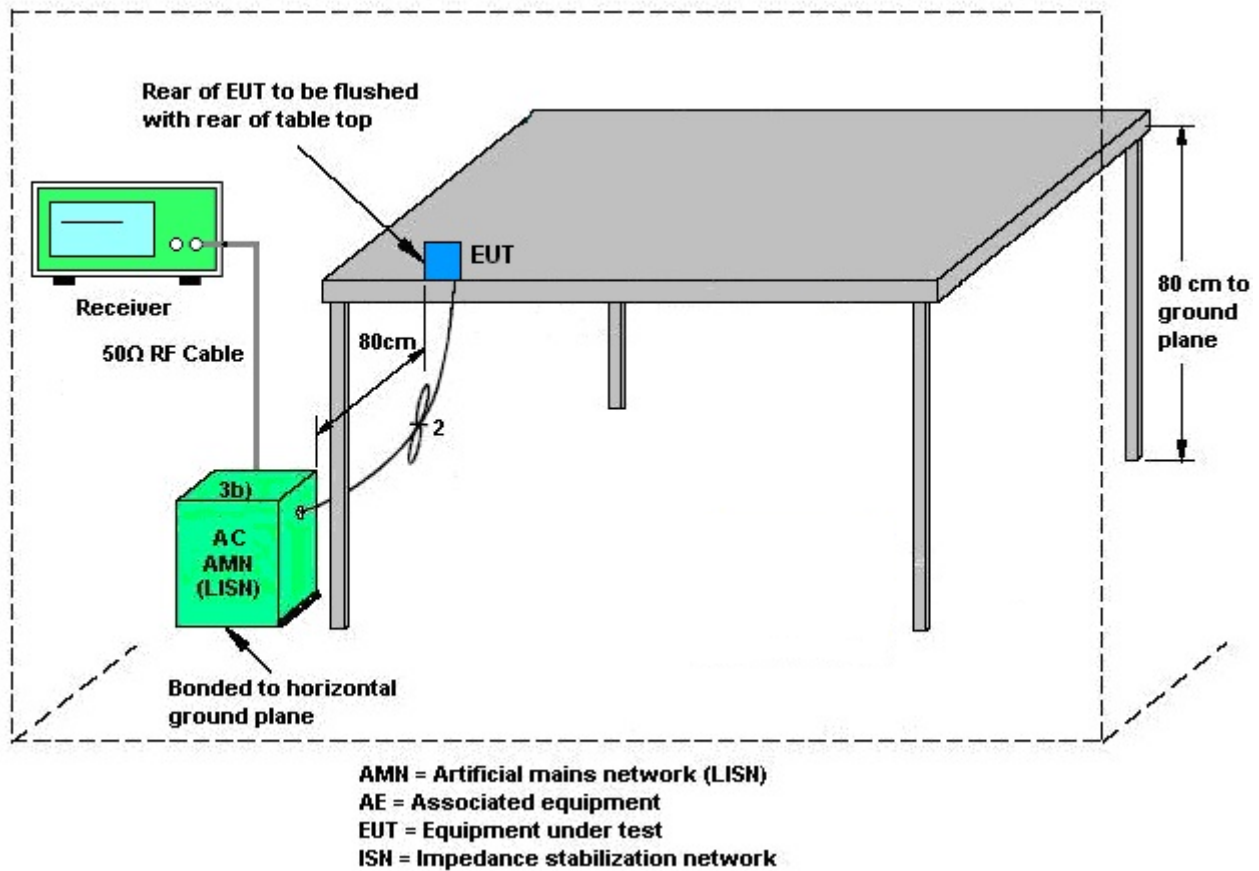
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.



3.6 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

The measuring equipment is listed in the section 4 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

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

Directional gain = GANT + Array Gain, where Array Gain is as follows.

For power spectral density (PSD) measurements on all devices,

Array Gain = $10 \log(\text{NANT}/\text{NSS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $\text{NANT} \leq 4$.

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

The EUT supports CDD mode.

For power, the directional gain GANT is set equal to the antenna having the highest gain, i.e., F)2)f)i).

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

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

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

<CDD Modes>						
	Ant. 1	Ant. 2	DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	(dBi)	(dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	4.60	4.40	4.60	7.51	0.00	1.51

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

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



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101040	10Hz~40GHz	Nov. 01, 2020	May 30, 2021	Oct. 31, 2021	Conducted (TH01-KS)
Pulse Power Sensor	Anritsu	MA2411B	0917070	300MHz~40GHz	Jan. 07, 2021	May 30, 2021	Jan. 06, 2022	Conducted (TH01-KS)
Power Meter	Anritsu	ML2495A	1005002	50MHz Bandwidth	Jan. 07, 2021	May 30, 2021	Jan. 06, 2022	Conducted (TH01-KS)
EMI Test Receiver	Keysight	N9038A	MY56400004	3Hz~8.5GHz; Max 30dBm	Oct. 17, 2020	May 01, 2021	Oct. 16, 2021	Radiation (03CH06-KS)
EXA Spectrum Analyzer	Keysight	N9010A	MY55150208	10Hz~44GHz	Apr. 12, 2021	May 01, 2021	Apr. 11, 2022	Radiation (03CH06-KS)
Loop Antenna	R&S	HFH2-Z2	100321	9kHz~30MHz	Nov. 01, 2020	May 01, 2021	Oct. 31, 2021	Radiation (03CH06-KS)
Bilog Antenna	TeseQ	CBL6111D	49921	30MHz~1GHz	May 29, 2020	May 01, 2021	May 28, 2021	Radiation (03CH06-KS)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00218652	1GHz~18GHz	Apr. 25, 2021	May 01, 2021	Apr. 24, 2022	Radiation (03CH06-KS)
SHF-EHF Horn	Com-power	AH-840	101115	18GHz~40GHz	Nov. 10, 2020	May 01, 2021	Nov. 09, 2021	Radiation (03CH06-KS)
Amplifier	SONOMA	310N	187289	9KHz ~1GHZ	Apr. 12, 2021	May 01, 2021	Apr. 11, 2022	Radiation (03CH06-KS)
Amplifier	MITEQ	EM18G40GGA	060728	18~40GHz	Jan. 06, 2021	May 01, 2021	Jan. 05, 2022	Radiation (03CH06-KS)
high gain Amplifier	MITEQ	AMF-7D-0010 1800-30-10P	2025788	1Ghz-18Ghz	Jan. 06, 2021	May 01, 2021	Jan. 05, 2022	Radiation (03CH06-KS)
Amplifier	Keysight	83017A	MY53270203	500MHz~26.5GHz	Apr. 13, 2021	May 01, 2021	Apr. 12, 2022	Radiation (03CH06-KS)
AC Power Source	Chroma	61601	F104090004	N/A	NCR	May 01, 2021	NCR	Radiation (03CH06-KS)
Turn Table	ChamPro	EM 1000-T	060762-T	0~360 degree	NCR	May 01, 2021	NCR	Radiation (03CH06-KS)
Antenna Mast	ChamPro	EM 1000-A	060762-A	1 m~4 m	NCR	May 01, 2021	NCR	Radiation (03CH06-KS)
EMI Receiver	R&S	ESCI7	100768	9kHz~7GHz;	Apr. 21, 2021	May 06, 2021	Apr. 20, 2022	Conduction (CO01-KS)
AC LISN (for auxiliary equipment)	MessTec	AN3016	060103	9kHz~30MHz	Oct. 17, 2020	May 06, 2021	Oct. 16, 2021	Conduction (CO01-KS)
AC LISN	MessTec	AN3016	060105	9kHz~30MHz	Apr. 13, 2021	May 06, 2021	Apr. 12, 2022	Conduction (CO01-KS)
AC Power Source	Chroma	61602	ABP000000811	AC 0V~300V, 45Hz~1000Hz	Oct. 17, 2020	May 06, 2021	Oct. 16, 2021	Conduction (CO01-KS)

NCR: No Calibration Required

5 Uncertainty of Evaluation

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.10-2013. All the measurement uncertainty value were shown with a coverage $K=2$ to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.94dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
---	-------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
---	-------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
---	-------



Appendix A. Conducted Test Results

Test Engineer:	HeYong	Temperature:	21~25	°C
Test Date:	2021/5/30	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1													
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	17.53	17.53	22.43	22.53	-	-	22.44	-	
11a	6Mbps	2	44	5220	23.13	22.88	36.71	36.11	-	-	23.01	-	
11a	6Mbps	2	48	5240	22.83	22.98	36.11	36.36	-	-	23.01	-	
HT20	MCS0	2	36	5180	18.58	18.38	24.13	24.73	-	-	22.64	-	
HT20	MCS0	2	44	5220	24.88	25.77	38.86	39.66	-	-	23.01	-	
HT20	MCS0	2	48	5240	21.88	22.78	35.51	36.21	-	-	23.01	-	
HT40	MCS0	2	38	5190	36.46	36.46	41.45	41.27	-	-	23.01	-	
HT40	MCS0	2	46	5230	36.76	36.86	43.43	42.44	-	-	23.01	-	
VHT20	MCS0	2	36	5180	18.38	18.28	21.38	21.48	-	-	22.62	-	
VHT20	MCS0	2	44	5220	18.38	18.18	21.38	21.58	-	-	22.60	-	
VHT20	MCS0	2	48	5240	18.33	18.18	21.98	21.73	-	-	22.60	-	
VHT40	MCS0	2	38	5190	36.46	36.56	41.45	41.36	-	-	23.01	-	
VHT40	MCS0	2	46	5230	36.76	36.66	43.52	41.81	-	-	23.01	-	
VHT80	MCS0	2	42	5210	75.64	75.64	81.52	81.36	-	-	23.01	-	

TEST RESULTS DATA
Average Power Table

FCC U-NII-1															
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	0.00	0.00	16.46	15.74	19.13	24.00		4.60		Pass	
11a	6Mbps	2	44	5220	0.00	0.00	15.92	15.84	18.89	24.00		4.60		Pass	
11a	6Mbps	2	48	5240	0.00	0.00	16.08	15.85	18.98	24.00		4.60		Pass	
HT20	MCS0	2	36	5180	0.00	0.00	16.33	15.83	19.10	24.00		4.60		Pass	
HT20	MCS0	2	44	5220	0.00	0.00	15.88	15.95	18.93	24.00		4.60		Pass	
HT20	MCS0	2	48	5240	0.00	0.00	15.94	15.93	18.95	24.00		4.60		Pass	
HT40	MCS0	2	38	5190	0.00	0.00	13.29	12.69	16.01	24.00		4.60		Pass	
HT40	MCS0	2	46	5230	0.00	0.00	17.22	17.02	20.13	24.00		4.60		Pass	
VHT20	MCS0	2	36	5180	0.00	0.00	15.75	14.95	18.38	24.00		4.60		Pass	
VHT20	MCS0	2	44	5220	0.00	0.00	15.80	15.92	18.87	24.00		4.60		Pass	
VHT20	MCS0	2	48	5240	0.00	0.00	15.91	15.87	18.90	24.00		4.60		Pass	
VHT40	MCS0	2	38	5190	0.00	0.00	13.12	12.99	16.07	24.00		4.60		Pass	
VHT40	MCS0	2	46	5230	0.00	0.00	17.06	16.92	20.00	24.00		4.60		Pass	
VHT80	MCS0	2	42	5210	0.00	0.00	13.86	12.99	16.46	24.00		4.60		Pass	

TEST RESULTS DATA
Power Spectral Density

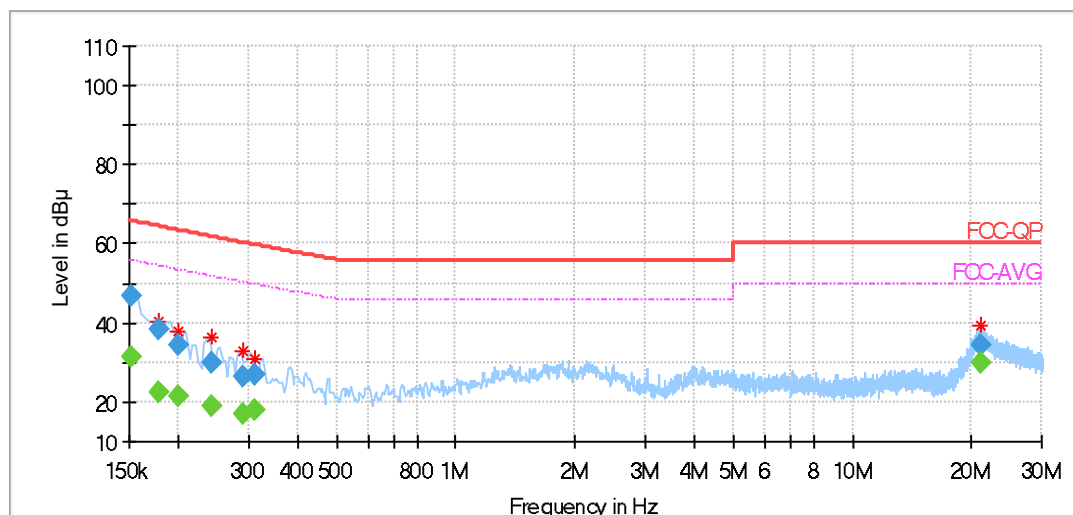
FCC U-NII-1														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	0.00	0.00			8.91	9.49	7.51			Pass
11a	6Mbps	2	44	5220	0.00	0.00			8.66	9.49	7.51			Pass
11a	6Mbps	2	48	5240	0.00	0.00			8.74	9.49	7.51			Pass
HT20	MCS0	2	36	5180	0.00	0.00			8.86	9.49	7.51			Pass
HT20	MCS0	2	44	5220	0.00	0.00			8.46	9.49	7.51			Pass
HT20	MCS0	2	48	5240	0.00	0.00			8.42	9.49	7.51			Pass
HT40	MCS0	2	38	5190	0.00	0.00			3.07	9.49	7.51			Pass
HT40	MCS0	2	46	5230	0.00	0.00			6.46	9.49	7.51			Pass
VHT20	MCS0	2	36	5180	0.00	0.00			7.29	9.49	7.51			Pass
VHT20	MCS0	2	44	5220	0.00	0.00			8.22	9.49	7.51			Pass
VHT20	MCS0	2	48	5240	0.00	0.00			8.40	9.49	7.51			Pass
VHT40	MCS0	2	38	5190	0.00	0.00			2.26	9.49	7.51			Pass
VHT40	MCS0	2	46	5230	0.00	0.00			6.03	9.49	7.51			Pass
VHT80	MCS0	2	42	5210	0.00	0.00			-1.59	9.49	7.51			Pass



Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum

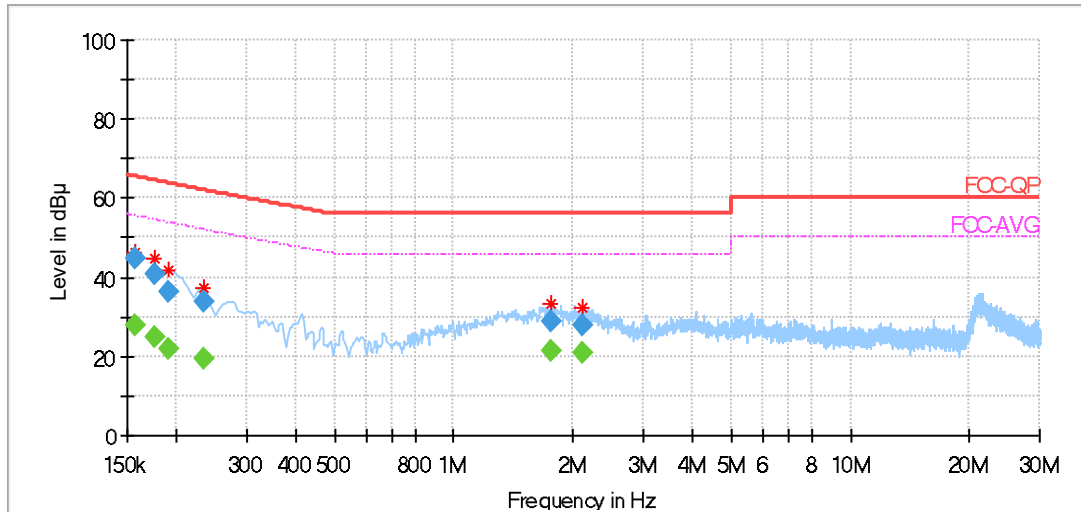


Frequency (MHz)	Quasi Peak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	31.26	55.86	24.60	L1	OFF	20.1
0.152250	46.78	---	65.87	19.09	L1	OFF	20.1
0.178312	---	22.60	54.44	31.84	L1	OFF	20.0
0.178312	38.41	---	64.46	26.05	L1	OFF	20.0
0.199219	---	21.26	53.46	32.21	L1	OFF	20.0
0.199219	34.33	---	63.49	29.16	L1	OFF	20.0
0.242569	---	18.74	51.77	33.03	L1	OFF	19.9
0.242569	29.84	---	61.81	31.97	L1	OFF	19.9
0.291075	---	16.74	50.25	33.51	L1	OFF	19.9
0.291075	26.40	---	60.29	33.89	L1	OFF	19.9
0.312638	---	18.20	49.67	31.47	L1	OFF	19.9
0.312638	27.07	---	59.71	32.64	L1	OFF	19.9
21.048731	---	29.67	50.00	20.33	L1	OFF	20.2
21.048731	34.35	---	60.00	25.65	L1	OFF	20.2



Test Engineer :	Amos Zhang	Temperature :	25.3~26.2°C
		Relative Humidity :	38~40%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

Full Spectrum



Frequency (MHz)	Quasi Peak (dBuV)	Average (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.156694	---	27.93	55.60	27.67	N	OFF	20.2
0.156694	44.98	---	65.61	20.63	N	OFF	20.2
0.176888	---	24.95	54.51	29.56	N	OFF	20.2
0.176888	40.81	---	64.53	23.72	N	OFF	20.2
0.191044	---	21.90	53.83	31.94	N	OFF	20.2
0.191044	36.20	---	63.86	27.65	N	OFF	20.2
0.234338	---	19.63	52.06	32.43	N	OFF	20.1
0.234338	33.85	---	62.10	28.25	N	OFF	20.1
1.760628	---	21.44	46.00	24.56	N	OFF	19.8
1.760628	28.92	---	56.00	27.08	N	OFF	19.8
2.116250	---	20.83	46.00	25.17	N	OFF	19.8
2.116250	27.86	---	56.00	28.14	N	OFF	19.8



Appendix C. Radiated Spurious Emission

Test Engineer: Henzy Li	Temperature: 22~23 °C
Test Date: 2021/05/01	Relative Humidity: 41~42 %

Band UNII 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.28	66.72	-7.28	74	52.13	35.29	12.02	32.72	240	330	P	H
		5148.96	52.72	-1.28	54	38.13	35.29	12.02	32.72	240	330	A	H
	*	5182	112.6	-	-	97.92	35.31	12.08	32.71	240	330	P	H
		5182	105.88	-	-	91.2	35.31	12.08	32.71	240	330	A	H
		5146.4	60.34	-13.66	74	46.11	34.93	12.02	32.72	302	352	P	V
		5149.44	49.5	-4.5	54	35.27	34.93	12.02	32.72	302	352	A	V
	*	5182	108.41	-	-	94.08	34.96	12.08	32.71	302	352	P	V
		5182	102.26	-	-	87.93	34.96	12.08	32.71	302	352	A	V
802.11a CH 44 5220MHz		5145.28	57.06	-16.94	74	42.47	35.29	12.02	32.72	235	330	P	H
		5149.98	47.18	-6.82	54	32.59	35.29	12.02	32.72	235	330	A	H
	*	5218	115.89	-	-	101.12	35.33	12.13	32.69	235	330	P	H
		5218	109.2	-	-	94.43	35.33	12.13	32.69	235	330	A	H
		5356.08	56.29	-17.71	74	41.22	35.42	12.29	32.64	235	330	P	H
		5351.76	46.17	-7.83	54	31.11	35.42	12.29	32.65	235	330	A	H
		5118.88	56.2	-17.8	74	42.07	34.9	11.96	32.73	314	350	P	V
		5131.04	45.52	-8.48	54	31.35	34.91	11.99	32.73	314	350	A	V
	*	5218	112.5	-	-	98.07	34.99	12.13	32.69	314	350	P	V
		5218	104.88	-	-	90.45	34.99	12.13	32.69	314	350	A	V
		5358.78	54.32	-19.68	74	39.55	35.12	12.29	32.64	314	350	P	V
		5351.76	44.33	-9.67	54	29.57	35.12	12.29	32.65	314	350	A	V



802.11a CH 48 5240MHz		5364.72	57.09	-16.91	74	42	35.42	12.31	32.64	243	330	P	H
		5352.48	46.5	-7.5	54	31.44	35.42	12.29	32.65	243	330	A	H
	*	5242	116.66	-	-	101.84	35.34	12.17	32.69	243	330	P	H
		5242	109.51	-	-	94.69	35.34	12.17	32.69	243	330	A	H
		5356.08	55	-19	74	40.23	35.12	12.29	32.64	311	351	P	V
		5353.2	44.54	-9.46	54	29.77	35.12	12.29	32.64	311	351	A	V
	*	5242	111.58	-	-	97.07	35.03	12.17	32.69	311	351	P	V
		5242	104.97	-	-	90.46	35.03	12.17	32.69	311	351	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band UNII 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10358.36	44.73	-23.57	68.3	50.73	38.59	18.02	62.61	300	0	P	H
		10358.36	46.6	-21.7	68.3	53.43	37.76	18.02	62.61	100	360	P	V
802.11a CH 44 5220MHz		10440	47.66	-20.64	68.3	53.6	38.63	18.09	62.66	300	0	P	H
		10440	45.77	-22.53	68.3	52.52	37.82	18.09	62.66	100	360	P	V
802.11a CH 48 5240MHz		10478.47	47.34	-20.96	68.3	53.24	38.65	18.14	62.69	300	0	P	H
		10478.47	45.92	-22.38	68.3	52.61	37.86	18.14	62.69	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band UNII 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5143.68	66.43	-7.57	74	51.84	35.29	12.02	32.72	113	330	P	H
		5149.98	53.41	-0.59	54	38.82	35.29	12.02	32.72	113	330	A	H
	*	5176	112.33	-	-	97.66	35.3	12.08	32.71	113	330	P	H
		5176	104.51	-	-	89.84	35.3	12.08	32.71	113	330	A	H
		5144.8	61.11	-12.89	74	46.88	34.93	12.02	32.72	302	351	P	V
		5149.98	49.74	-4.26	54	35.51	34.93	12.02	32.72	302	351	A	V
	*	5176	108.53	-	-	94.2	34.96	12.08	32.71	302	351	P	V
		5176	100.89	-	-	86.56	34.96	12.08	32.71	302	351	A	V
802.11n HT20 CH 44 5220MHz		5137.92	56.57	-17.43	74	42.03	35.28	11.99	32.73	236	330	P	H
		5149.28	47.19	-6.81	54	32.6	35.29	12.02	32.72	236	330	A	H
	*	5218	114.12	-	-	99.35	35.33	12.13	32.69	236	330	P	H
		5218	107.47	-	-	92.7	35.33	12.13	32.69	236	330	A	H
		5354.1	56.68	-17.32	74	41.61	35.42	12.29	32.64	236	330	P	H
		5350	46.09	-7.91	54	31.03	35.42	12.29	32.65	236	330	A	H
		5138.24	55.45	-18.55	74	41.28	34.91	11.99	32.73	100	18	P	V
		5149.98	45.29	-8.71	54	31.06	34.93	12.02	32.72	100	18	A	V
	*	5218	110.6	-	-	96.17	34.99	12.13	32.69	100	18	P	V
		5218	103.27	-	-	88.84	34.99	12.13	32.69	100	18	A	V
		5355.54	55.36	-18.64	74	40.59	35.12	12.29	32.64	100	18	P	V
		5350.5	44.35	-9.65	54	29.59	35.12	12.29	32.65	100	18	A	V



802.11n HT20 CH 48 5240MHz		5367.6	56.24	-17.76	74	41.14	35.43	12.31	32.64	232	330	P	H
		5351.76	46.81	-7.19	54	31.75	35.42	12.29	32.65	232	330	A	H
	*	5236	116.2	-	-	101.4	35.34	12.15	32.69	232	330	P	H
		5236	108.19	-	-	93.39	35.34	12.15	32.69	232	330	A	H
		5355.72	54.72	-19.28	74	39.95	35.12	12.29	32.64	100	88	P	V
		5351.76	45.04	-8.96	54	30.28	35.12	12.29	32.65	100	88	A	V
	*	5236	111.93	-	-	97.46	35.01	12.15	32.69	100	88	P	V
		5236	104.66	-	-	90.19	35.01	12.15	32.69	100	88	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band UNII 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10358.36	43.62	-24.68	68.3	49.62	38.59	18.02	62.61	300	0	P	H
		10358.36	45.32	-22.98	68.3	52.15	37.76	18.02	62.61	100	360	P	V
802.11n HT20 CH 44 5220MHz		10438.44	46.5	-21.8	68.3	52.44	38.63	18.09	62.66	300	0	P	H
		10438.44	45.76	-22.54	68.3	52.51	37.82	18.09	62.66	100	360	P	V
802.11n HT20 CH 48 5240MHz		10478.47	46.02	-22.28	68.3	51.92	38.65	18.14	62.69	300	0	P	H
		10478.47	47.74	-20.56	68.3	54.43	37.86	18.14	62.69	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band UNII 1 5150~5250MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 36 5180MHz		5149.92	65.45	-8.55	74	50.86	35.29	12.02	32.72	236	335	P	H
		5149.98	53.25	-0.75	54	38.66	35.29	12.02	32.72	236	335	A	H
	*	5182	114.16	-	-	99.48	35.31	12.08	32.71	236	335	P	H
		5182	106.21	-	-	91.53	35.31	12.08	32.71	236	335	A	H
		5149.98	59.63	-14.37	74	45.4	34.93	12.02	32.72	100	88	P	V
		5149.98	49.36	-4.64	54	35.13	34.93	12.02	32.72	100	88	A	V
	*	5182	108.89	-	-	94.56	34.96	12.08	32.71	100	88	P	V
		5182	101.65	-	-	87.32	34.96	12.08	32.71	100	88	A	V
802.11ac VHT20 CH 44 5220MHz		5116.64	58.85	-15.15	74	44.37	35.26	11.96	32.74	233	335	P	H
		5149.98	48.5	-5.5	54	33.91	35.29	12.02	32.72	233	335	A	H
	*	5218	117.48	-	-	102.71	35.33	12.13	32.69	233	335	P	H
		5218	110.6	-	-	95.83	35.33	12.13	32.69	233	335	A	H
		5360.58	58.46	-15.54	74	43.37	35.42	12.31	32.64	233	335	P	H
		5350.68	47.06	-6.94	54	32	35.42	12.29	32.65	233	335	A	H
		5120	57.6	-16.4	74	43.47	34.9	11.96	32.73	100	87	P	V
		5149.98	46.95	-7.05	54	32.72	34.93	12.02	32.72	100	87	A	V
	*	5218	112.63	-	-	98.2	34.99	12.13	32.69	100	87	P	V
		5218	106.54	-	-	92.11	34.99	12.13	32.69	100	87	A	V
		5358.78	56.22	-17.78	74	41.45	35.12	12.29	32.64	100	87	P	V
		5351.4	45.54	-8.46	54	30.78	35.12	12.29	32.65	100	87	A	V



802.11ac VHT20 CH 48 5240MHz		5352.3	56.61	-17.39	74	41.55	35.42	12.29	32.65	230	335	P	H
		5352.12	47.49	-6.51	54	32.43	35.42	12.29	32.65	230	335	A	H
	*	5242	118.79	-	-	103.97	35.34	12.17	32.69	230	335	P	H
		5242	111.57	-----	-----	96.75	35.34	12.17	32.69	230	335	A	H
		5362.56	56.02	-17.98	74	41.21	35.14	12.31	32.64	100	90	P	V
		5352.3	45.84	-8.16	54	31.08	35.12	12.29	32.65	100	90	A	V
	*	5236	113.2	-	-	98.73	35.01	12.15	32.69	100	90	P	V
		5236	106.67	-----	-----	92.2	35.01	12.15	32.69	100	90	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band UNII 1 5150~5250MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20		10358.36	48.92	-19.38	68.3	52.88	38.59	18.02	60.57	300	0	P	H
CH 36 5180MHz		10358.36	48.26	-20.04	68.3	53.05	37.76	18.02	60.57	100	360	P	V
802.11ac VHT20		10438.44	53.15	-15.15	68.3	57	38.63	18.09	60.57	300	0	P	H
CH 44 5220MHz		10438.44	49.03	-19.27	68.3	53.69	37.82	18.09	60.57	100	360	P	V
802.11ac VHT20		10478.47	49.64	-18.66	68.3	53.43	38.65	18.14	60.58	300	0	P	H
CH 48 5240MHz		10478.47	48.78	-19.52	68.3	53.36	37.86	18.14	60.58	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band UNII 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 38 5190MHz		5148.8	67.69	-6.31	74	53.1	35.29	12.02	32.72	100	333	P	H
		5149.98	52.93	-1.07	54	38.34	35.29	12.02	32.72	100	333	A	H
	*	5194	108.48	-	-	93.76	35.31	12.11	32.7	100	333	P	H
		5194	100.76	-	-	86.04	35.31	12.11	32.7	100	333	A	H
		5369.4	55.97	-18.03	74	40.87	35.43	12.31	32.64	100	333	P	H
		5350.14	45.42	-8.58	54	30.36	35.42	12.29	32.65	100	333	A	H
		5149.92	61.89	-12.11	74	47.66	34.93	12.02	32.72	316	326	P	V
		5149.98	49.19	-4.81	54	34.96	34.93	12.02	32.72	316	326	A	V
	*	5194	103.59	-	-	89.2	34.98	12.11	32.7	316	326	P	V
		5194	96.01	-	-	81.62	34.98	12.11	32.7	316	326	A	V
		5364	54.78	-19.22	74	39.97	35.14	12.31	32.64	316	326	P	V
		5350.32	44.78	-9.22	54	30.02	35.12	12.29	32.65	316	326	A	V
802.11ac VHT40 CH 46 5230MHz		5148.64	59.23	-14.77	74	44.64	35.29	12.02	32.72	204	334	P	H
		5149.98	48.99	-5.01	54	34.4	35.29	12.02	32.72	204	334	A	H
	*	5242	111.5	-	-	96.68	35.34	12.17	32.69	204	334	P	H
		5242	103.31	-	-	88.49	35.34	12.17	32.69	204	334	A	H
		5382.54	56.85	-17.15	74	41.71	35.44	12.33	32.63	204	334	P	H
		5350.86	47.29	-6.71	54	32.23	35.42	12.29	32.65	204	334	A	H
		5149.6	58.47	-15.53	74	44.24	34.93	12.02	32.72	207	345	P	V
		5149.98	47.48	-6.52	54	33.25	34.93	12.02	32.72	207	345	A	V
	*	5230	107.73	-	-	93.26	35.01	12.15	32.69	207	345	P	V
		5230	99.82	-	-	85.35	35.01	12.15	32.69	207	345	A	V
		5362.56	55.28	-18.72	74	40.47	35.14	12.31	32.64	207	345	P	V
		5351.58	45.22	-8.78	54	30.46	35.12	12.29	32.65	207	345	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band UNII 1 5150~5250MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40		10378.38	44.83	-23.47	68.3	48.75	38.6	18.05	60.57	300	0	P	H
CH 38 5190MHz		10378.38	43.93	-24.37	68.3	48.67	37.78	18.05	60.57	100	360	P	V
802.11ac VHT40		10458.46	46.62	-21.68	68.3	50.45	38.64	18.11	60.58	300	0	P	H
CH 46 5230MHz		10458.46	45.56	-22.74	68.3	50.2	37.83	18.11	60.58	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band UNII 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5148.96	65.32	-8.68	74	50.73	35.29	12.02	32.72	237	329	P	H
		5149.98	52.52	-1.48	54	37.93	35.29	12.02	32.72	237	329	A	H
	*	5194	107.4	-	-	92.68	35.31	12.11	32.7	237	329	P	H
		5194	98.54	-----	-----	83.82	35.31	12.11	32.7	237	329	A	H
		5383.44	55.33	-18.67	74	40.19	35.44	12.33	32.63	237	329	P	H
		5351.76	45.35	-8.65	54	30.29	35.42	12.29	32.65	237	329	A	H
		5149.76	62.26	-11.74	74	48.03	34.93	12.02	32.72	301	352	P	V
		5149.92	49.28	-4.72	54	35.05	34.93	12.02	32.72	301	352	A	V
	*	5188	103.38	-	-	89.05	34.96	12.08	32.71	301	352	P	V
		5188	96.11	-----	-----	81.78	34.96	12.08	32.71	301	352	A	V
		5378.76	54.63	-19.37	74	39.77	35.16	12.33	32.63	301	352	P	V
		5374.98	44	-10	54	29.19	35.14	12.31	32.64	301	352	A	V
802.11n HT40 CH 46 5230MHz		5145.92	58.6	-15.4	74	44.01	35.29	12.02	32.72	234	330	P	H
		5149.98	48.49	-5.51	54	33.9	35.29	12.02	32.72	234	330	A	H
	*	5230	110	-	-	95.2	35.34	12.15	32.69	234	330	P	H
		5230	101.82	-----	-----	87.02	35.34	12.15	32.69	234	330	A	H
		5353.74	56.49	-17.51	74	41.42	35.42	12.29	32.64	234	330	P	H
		5350	46.61	-7.39	54	31.55	35.42	12.29	32.65	234	330	A	H
		5147.36	56.67	-17.33	74	42.44	34.93	12.02	32.72	313	350	P	V
		5149.92	46.38	-7.62	54	32.15	34.93	12.02	32.72	313	350	A	V
	*	5236	105.36	-	-	90.89	35.01	12.15	32.69	313	350	P	V
		5236	97.82	-----	-----	83.35	35.01	12.15	32.69	313	350	A	V
		5359.68	55.09	-18.91	74	40.32	35.12	12.29	32.64	313	350	P	V
		5351.94	44.44	-9.56	54	29.68	35.12	12.29	32.65	313	350	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band UNII 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10378.38	42.72	-25.58	68.3	48.7	38.6	18.05	62.63	300	0	P	H
		10378.38	41.88	-26.42	68.3	48.68	37.78	18.05	62.63	100	360	P	V
802.11n HT40 CH 46 5230MHz		10460	42.6	-25.7	68.3	48.51	38.65	18.11	62.67	300	0	P	H
		10460	43.8	-24.5	68.3	50.53	37.83	18.11	62.67	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band UNII 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5140.16	70.2	-3.8	74	55.63	35.28	12.02	32.73	102	330	P	H
		5149.92	53.24	-0.76	54	38.65	35.29	12.02	32.72	102	330	A	H
	*	5206	104.54	-	-	89.81	35.32	12.11	32.7	102	330	P	H
		5206	96.9	-	-	82.17	35.32	12.11	32.7	102	330	A	H
		5383.98	54.78	-19.22	74	39.64	35.44	12.33	32.63	102	330	P	H
		5350.32	44.75	-9.25	54	29.69	35.42	12.29	32.65	102	330	A	H
		5144.32	62.75	-11.25	74	48.52	34.93	12.02	32.72	297	350	P	V
		5149.98	48.57	-5.43	54	34.34	34.93	12.02	32.72	297	350	A	V
	*	5206	99.97	-	-	85.58	34.98	12.11	32.7	297	350	P	V
		5206	92.37	-	-	77.98	34.98	12.11	32.7	297	350	A	V
		5366.7	54.83	-19.17	74	40.02	35.14	12.31	32.64	297	350	P	V
		5358.6	44.17	-9.83	54	29.4	35.12	12.29	32.64	297	350	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band UNII 1 5150~5250MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80		10420	42.67	-25.63	68.3	48.62	38.62	18.08	62.65	300	0	P	H
CH 42 5210MHz		10420	41.87	-26.43	68.3	48.63	37.81	18.08	62.65	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		110.51	24.45	-19.05	43.5	38.57	17.05	1.71	32.88	-	-	P	H
		144.46	24.1	-19.4	43.5	38.4	16.58	1.93	32.81	-	-	P	H
		228.85	25.24	-20.76	46	38.67	17.23	2.44	33.1	-	-	P	H
		359.8	28.83	-17.17	46	37.86	20.77	3.08	32.88	-	-	P	H
		562.53	27.62	-18.38	46	31.28	25.05	3.86	32.57	-	-	P	H
		794.36	29.06	-16.94	46	30.92	26.08	4.58	32.52	108	39	P	H
		30	29.48	-10.52	40	36.1	25.5	0.58	32.7	-	-	P	V
		120.21	29.51	-13.99	43.5	42.73	17.86	1.78	32.86	-	-	P	V
		239.52	25.69	-20.31	46	37.55	18.74	2.5	33.1	-	-	P	V
		359.8	39.76	-6.24	46	47.91	21.65	3.08	32.88	120	30	P	V
		399.57	30.89	-15.11	46	37.73	22.7	3.26	32.8	-	-	P	V
		945.68	30.74	-15.26	46	30.19	27.86	5.01	32.32	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Co-location:

WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 (Band Edge @ 3m)

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5149.92	66.42	-7.58	74	51.83	35.29	12.02	32.72	121	330	P	H
		5150	53.15	-0.85	54	38.56	35.29	12.02	32.72	121	330	A	H
	*	5176	112.19	-	-	97.52	35.3	12.08	32.71	121	330	P	H
		5176	103.86	-	-	89.19	35.3	12.08	32.71	121	330	A	H
		5146.56	62.54	-11.46	74	48.31	34.93	12.02	32.72	109	96	P	V
		5150	48.82	-5.18	54	34.59	34.93	12.02	32.72	109	96	A	V
	*	5176	108.46	-	-	94.13	34.96	12.08	32.71	109	96	P	V
		5176	100.81	-	-	86.48	34.96	12.08	32.71	109	96	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 (Band Edge @ 3m)

BLE	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)
BLE (1Mbps) CH00		2352.64	54.14	-19.86	74	47.52	32.05	8.02	33.45	102	215	P	H
		2357.06	44.29	-9.71	54	37.67	32.05	8.02	33.45	102	215	A	H
	*	2402	103.48	-	-	96.63	32.2	8.09	33.44	102	215	P	H
	*	2402	102.86	-	-	96.01	32.2	8.09	33.44	102	215	A	H
		2376.17	55.46	-18.54	74	47.56	33.29	8.06	33.45	128	170	P	V
		2384.88	45.62	-8.38	54	37.72	33.29	8.06	33.45	128	170	A	V
	*	2402	98.74	-	-	90.59	33.5	8.09	33.44	128	170	P	V
	*	2402	98.06	-	-	89.91	33.5	8.09	33.44	128	170	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 (Harmonic @ 3m)**

WIFI	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	45.2	-23.1	68.3	51.2	38.59	18.03	62.62	300	0	P	H
		10360	46.72	-21.58	68.3	53.54	37.77	18.03	62.62	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 (Harmonic @ 3m)

BLE	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
BLE (1Mbps) CH00		4804	41.58	-32.42	74	56.83	34.96	11.51	61.72	300	0	P	H
		4804	40.7	-33.3	74	56.07	34.84	11.51	61.72	300	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Note symbol**

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



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

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

Note symbol

-L	Low channel location
-R	High channel location



Band UNII 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																		
ANT	802.11a CH36 5180MHz																																																																																		
1+2	Horizontal	Fundamental																																																																																	
Peak	Site : 030000-KS Condition : 5G BAND 1-----3 3m 3117 SN 75957 HORIZONTAL RBW 1000 5000Hz VSW 3000 5000Hz SWT Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pas</th><th>T/Pas</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 5149.28</td><td>66.72</td><td>-7.28</td><td>74.00</td><td>52.13</td><td>35.29</td><td>12.02</td><td>32.72</td><td>240</td><td>330 Peak</td><td>HORIZONTAL</td></tr></tbody></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pas	T/Pas	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 5149.28	66.72	-7.28	74.00	52.13	35.29	12.02	32.72	240	330 Peak	HORIZONTAL	Site : 030000-KS Condition : 5G BAND 1-----3 3m 3117 SN 75957 HORIZONTAL RBW 1000 5000Hz VSW 3000 5000Hz SWT Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pas</th><th>T/Pas</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 5182.00</td><td>112.40</td><td>-----</td><td>97.92</td><td>35.31</td><td>12.08</td><td>32.71</td><td>240</td><td>330 Peak</td><td>HORIZONTAL</td></tr><tr><td>2 5182.00</td><td>105.88</td><td>-----</td><td>91.30</td><td>35.31</td><td>12.08</td><td>32.71</td><td>240</td><td>330 Average</td><td>HORIZONTAL</td></tr></tbody></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pas	T/Pas	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 5182.00	112.40	-----	97.92	35.31	12.08	32.71	240	330 Peak	HORIZONTAL	2 5182.00	105.88	-----	91.30	35.31	12.08	32.71	240	330 Average	HORIZONTAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pas	T/Pas	Remark	Pol/Phas																																																																											
Freq	Level	Line	Level Factor	Loss Factor																																																																															
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																																																											
1 5149.28	66.72	-7.28	74.00	52.13	35.29	12.02	32.72	240	330 Peak	HORIZONTAL																																																																									
Over	Limit	ReadAntenna	Cable Preamp	A/Pas	T/Pas	Remark	Pol/Phas																																																																												
Freq	Level	Line	Level Factor	Loss Factor																																																																															
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																																																											
1 5182.00	112.40	-----	97.92	35.31	12.08	32.71	240	330 Peak	HORIZONTAL																																																																										
2 5182.00	105.88	-----	91.30	35.31	12.08	32.71	240	330 Average	HORIZONTAL																																																																										
Avg.	Site : 030000-KS Condition : 5G BAND 1-----3 (AVG) 3m 3117 SN 75957 HORIZONTAL RBW 1000 5000Hz VSW 0.0108Hz SWT Auto <table><thead><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pas</th><th>T/Pas</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 5148.96</td><td>52.72</td><td>-1.28</td><td>54.00</td><td>38.13</td><td>35.29</td><td>12.02</td><td>32.72</td><td>240</td><td>330 Average</td><td>HORIZONTAL</td></tr></tbody></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pas	T/Pas	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	1 5148.96	52.72	-1.28	54.00	38.13	35.29	12.02	32.72	240	330 Average	HORIZONTAL	-																																													
Over	Limit	ReadAntenna	Cable Preamp	A/Pas	T/Pas	Remark	Pol/Phas																																																																												
Freq	Level	Line	Level Factor	Loss Factor																																																																															
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg																																																																											
1 5148.96	52.72	-1.28	54.00	38.13	35.29	12.02	32.72	240	330 Average	HORIZONTAL																																																																									

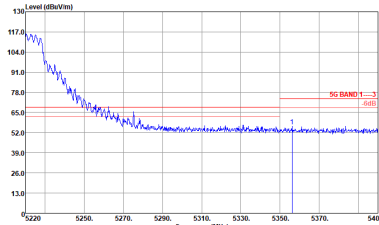
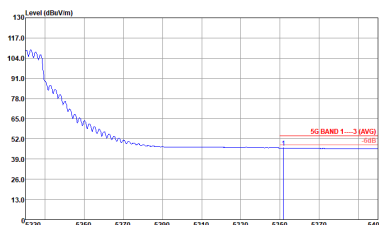


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																			
ANT	802.11a CH36 5180MHz																																																																																			
1+2	Vertical	Fundamental																																																																																		
Peak	Site Condition : 030906-K3 : SG BAND 1-3 @ 3117 SN 75957 VERTICAL : RBW:1000, 0000Hz VSW:3000, 0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poa</th><th>T/Poa</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th></tr><tr><th>MHz</th><th>dBV/m</th><th>dB</th><th>dBV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 5146.40</td><td>60.34</td><td>-13.66</td><td>74.00</td><td>46.11</td><td>34.93</td><td>12.02</td><td>32.72</td><td>302</td><td>352</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas	Freq	Level	Level	Level	Level	Level	Level	Level	MHz	dBV/m	dB	dBV/m	dB	dB	dB	dB	1 5146.40	60.34	-13.66	74.00	46.11	34.93	12.02	32.72	302	352	Peak	VERTICAL	Site Condition : 030906-K3 : SG BAND 1-3 @ 3117 SN 75957 VERTICAL : RBW:1000, 0000Hz VSW:3000, 0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poa</th><th>T/Poa</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th></tr><tr><th>MHz</th><th>dBV/m</th><th>dB</th><th>dBV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 * 5182.00</td><td>108.41</td><td>-----</td><td>84.08</td><td>34.96</td><td>12.08</td><td>32.71</td><td>302</td><td>352</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2 5182.00</td><td>102.26</td><td>-----</td><td>87.93</td><td>34.96</td><td>12.08</td><td>32.71</td><td>302</td><td>352</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas	Freq	Level	Level	Level	Level	Level	Level	Level	MHz	dBV/m	dB	dBV/m	dB	dB	dB	dB	1 * 5182.00	108.41	-----	84.08	34.96	12.08	32.71	302	352	Peak	VERTICAL	2 5182.00	102.26	-----	87.93	34.96	12.08	32.71	302	352	Average	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas																																																																												
Freq	Level	Level	Level	Level	Level	Level	Level																																																																													
MHz	dBV/m	dB	dBV/m	dB	dB	dB	dB																																																																													
1 5146.40	60.34	-13.66	74.00	46.11	34.93	12.02	32.72	302	352	Peak	VERTICAL																																																																									
Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas																																																																													
Freq	Level	Level	Level	Level	Level	Level	Level																																																																													
MHz	dBV/m	dB	dBV/m	dB	dB	dB	dB																																																																													
1 * 5182.00	108.41	-----	84.08	34.96	12.08	32.71	302	352	Peak	VERTICAL																																																																										
2 5182.00	102.26	-----	87.93	34.96	12.08	32.71	302	352	Average	VERTICAL																																																																										
Avg.	Site Condition : 030906-K3 : SG BAND 1-3 (AVG) @ 3117 SN 75957 VERTICAL : RBW:1000, 0000Hz VSW:3000, 0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poa</th><th>T/Poa</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th><th>Level</th></tr><tr><th>MHz</th><th>dBV/m</th><th>dB</th><th>dBV/m</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 5149.44</td><td>49.50</td><td>-4.50</td><td>54.00</td><td>35.27</td><td>34.93</td><td>12.02</td><td>32.72</td><td>302</td><td>352</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas	Freq	Level	Level	Level	Level	Level	Level	Level	MHz	dBV/m	dB	dBV/m	dB	dB	dB	dB	1 5149.44	49.50	-4.50	54.00	35.27	34.93	12.02	32.72	302	352	Average	VERTICAL	-																																														
Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas																																																																													
Freq	Level	Level	Level	Level	Level	Level	Level																																																																													
MHz	dBV/m	dB	dBV/m	dB	dB	dB	dB																																																																													
1 5149.44	49.50	-4.50	54.00	35.27	34.93	12.02	32.72	302	352	Average	VERTICAL																																																																									

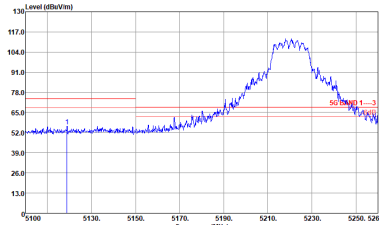
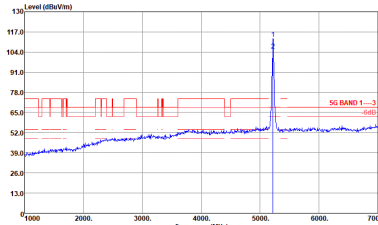
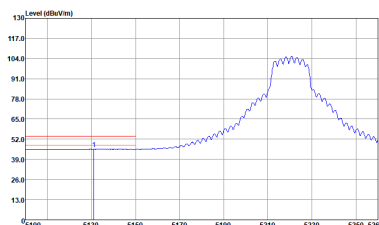


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																									
ANT	802.11a CH44 5220MHz - L																																																																									
1+2	Horizontal	Fundamental																																																																								
Peak	Site Condition : 030800-KS : SG BAND 1----3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VSW:3000.0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></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 deg</th></tr><tr><td>1 5145.28</td><td>57.06</td><td>-16.94</td><td>74.00</td><td>42.47</td><td>35.29</td><td>12.02</td><td>32.72 235 330 Peak HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm deg	1 5145.28	57.06	-16.94	74.00	42.47	35.29	12.02	32.72 235 330 Peak HORIZONTAL	Site Condition : 030800-KS : SG BAND 1----3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VSW:3000.0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></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 deg</th></tr><tr><td>1 * 5218.00</td><td>115.89</td><td>-----</td><td>101.12</td><td>35.33</td><td>12.13</td><td>32.69</td><td>235 330 Peak HORIZONTAL</td></tr><tr><td>2 5218.00</td><td>109.20</td><td>-----</td><td>94.43</td><td>35.33</td><td>12.13</td><td>32.69</td><td>235 330 Average HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm deg	1 * 5218.00	115.89	-----	101.12	35.33	12.13	32.69	235 330 Peak HORIZONTAL	2 5218.00	109.20	-----	94.43	35.33	12.13	32.69	235 330 Average HORIZONTAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																		
Freq	Level	Line	Level Factor	Loss Factor																																																																						
MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm deg																																																																			
1 5145.28	57.06	-16.94	74.00	42.47	35.29	12.02	32.72 235 330 Peak HORIZONTAL																																																																			
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																			
Freq	Level	Line	Level Factor	Loss Factor																																																																						
MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm deg																																																																			
1 * 5218.00	115.89	-----	101.12	35.33	12.13	32.69	235 330 Peak HORIZONTAL																																																																			
2 5218.00	109.20	-----	94.43	35.33	12.13	32.69	235 330 Average HORIZONTAL																																																																			
Avg.	Site Condition : 030800-KS : SG BAND 1----3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VSW:3.0100Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></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 deg</th></tr><tr><td>1 5149.98</td><td>47.18</td><td>-6.82</td><td>54.00</td><td>32.59</td><td>35.29</td><td>12.02</td><td>32.72 235 330 Average HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm deg	1 5149.98	47.18	-6.82	54.00	32.59	35.29	12.02	32.72 235 330 Average HORIZONTAL	-																																								
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																			
Freq	Level	Line	Level Factor	Loss Factor																																																																						
MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	dB	cm deg																																																																			
1 5149.98	47.18	-6.82	54.00	32.59	35.29	12.02	32.72 235 330 Average HORIZONTAL																																																																			

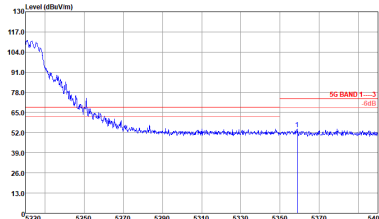
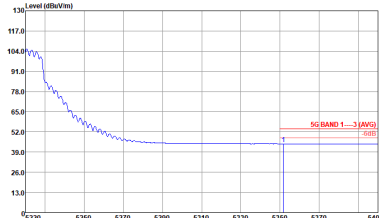


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																						
ANT	802.11a CH44 5220MHz - R																																						
1+2	Horizontal	Fundamental																																					
Peak	 Site Condition : 032000-KS : SG BAND 1---3 : RBW:1000, 000kHz VSW:3000, 000kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Level</th><th>Level</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5356.08</td><td>56.29</td><td>-17.71</td><td>74.00</td><td>41.22</td><td>35.42</td><td>12.29</td><td>32.64</td><td>235</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Level	Level	Factor	Factor			MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5356.08	56.29	-17.71	74.00	41.22	35.42	12.29	32.64	235	330	Peak	HORIZONTAL	-
	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Level	Level	Factor	Factor																																		
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																
1	5356.08	56.29	-17.71	74.00	41.22	35.42	12.29	32.64	235	330	Peak	HORIZONTAL																											
Avg.	 Site Condition : 032000-KS : SG BAND 1---3 (AVG) : RBW:1000, 000kHz VSW:3, 010kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Level</th><th>Level</th><th>Factor</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5351.76</td><td>46.17</td><td>-7.83</td><td>54.00</td><td>31.11</td><td>35.42</td><td>12.29</td><td>32.65</td><td>235</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Level	Level	Factor	Factor			MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5351.76	46.17	-7.83	54.00	31.11	35.42	12.29	32.65	235	330	Average	HORIZONTAL	-
	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Level	Level	Factor	Factor																																		
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																
1	5351.76	46.17	-7.83	54.00	31.11	35.42	12.29	32.65	235	330	Average	HORIZONTAL																											

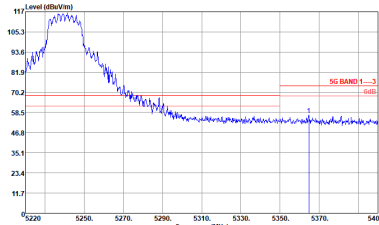
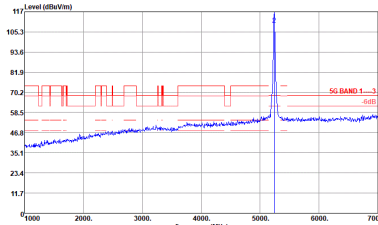
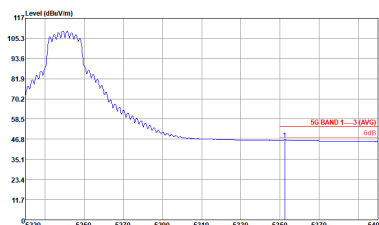


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																
ANT	802.11a CH44 5220MHz - L																																																
1+2	Vertical	Fundamental																																															
Peak	 Site Condition : 030900-KS : SG BAND 1-3 @ 5117.5M 75957 VERTICAL : RBW 100K 000000 VSWR 3000 000000 SRT Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 5118.88 56.20 -17.80</td><td>74.00</td><td>42.07</td><td>34.90</td><td>11.96</td><td>32.73</td><td>314 350 Peak VERTICAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq Level	Limit	Level Factor	Loss Factor	dB	deg		1 5118.88 56.20 -17.80	74.00	42.07	34.90	11.96	32.73	314 350 Peak VERTICAL	 Site Condition : 030900-KS : SG BAND 1-3 @ 5117.5M 75957 VERTICAL : RBW 100K 000000 VSWR 3000 000000 SRT Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 * 5218.00 112.50</td><td>98.07</td><td>34.99</td><td>12.13</td><td>32.69</td><td>314 350 Peak VERTICAL</td></tr><tr><td>2 5218.00 104.88</td><td>90.45</td><td>34.99</td><td>12.13</td><td>32.69</td><td>314 350 Average VERTICAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq Level	Limit	Level Factor	Loss Factor	dB	deg		1 * 5218.00 112.50	98.07	34.99	12.13	32.69	314 350 Peak VERTICAL	2 5218.00 104.88	90.45	34.99	12.13	32.69	314 350 Average VERTICAL
	Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																										
Freq Level	Limit	Level Factor	Loss Factor	dB	deg																																												
1 5118.88 56.20 -17.80	74.00	42.07	34.90	11.96	32.73	314 350 Peak VERTICAL																																											
Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																											
Freq Level	Limit	Level Factor	Loss Factor	dB	deg																																												
1 * 5218.00 112.50	98.07	34.99	12.13	32.69	314 350 Peak VERTICAL																																												
2 5218.00 104.88	90.45	34.99	12.13	32.69	314 350 Average VERTICAL																																												
Avg.	 Site Condition : 030900-KS : SG BAND 1-3 (AVG) @ 5117.5M 75957 VERTICAL : RBW 100K 000000 VSWR 3000 000000 SRT Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 5131.04 45.52 -8.48</td><td>54.00</td><td>31.35</td><td>34.91</td><td>11.99</td><td>32.73</td><td>314 350 Average VERTICAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq Level	Limit	Level Factor	Loss Factor	dB	deg		1 5131.04 45.52 -8.48	54.00	31.35	34.91	11.99	32.73	314 350 Average VERTICAL	-																										
Over Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																											
Freq Level	Limit	Level Factor	Loss Factor	dB	deg																																												
1 5131.04 45.52 -8.48	54.00	31.35	34.91	11.99	32.73	314 350 Average VERTICAL																																											



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																	
ANT	802.11a CH44 5220MHz - R																																	
1+2	Vertical	Fundamental																																
Peak	 Site Condition : 030904-KS : 5G BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>5358.78</td><td>54.32</td><td>-19.68</td><td>74.00</td><td>29.55</td><td>35.12</td><td>12.29 32.64 314 350 Peak VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm deg	1	5358.78	54.32	-19.68	74.00	29.55	35.12	12.29 32.64 314 350 Peak VERTICAL	-
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																											
Freq	Level	Limit	Level	Factor	Loss	Factor																												
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm deg																											
1	5358.78	54.32	-19.68	74.00	29.55	35.12	12.29 32.64 314 350 Peak VERTICAL																											
Avg.	 Site Condition : 030904-KS : 5G BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000.0000Hz VBW:0.0100Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>5351.76</td><td>44.33</td><td>-9.67</td><td>54.00</td><td>29.57</td><td>35.12</td><td>12.29 32.65 314 350 Average VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm deg	1	5351.76	44.33	-9.67	54.00	29.57	35.12	12.29 32.65 314 350 Average VERTICAL	-
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																											
Freq	Level	Limit	Level	Factor	Loss	Factor																												
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm deg																											
1	5351.76	44.33	-9.67	54.00	29.57	35.12	12.29 32.65 314 350 Average VERTICAL																											

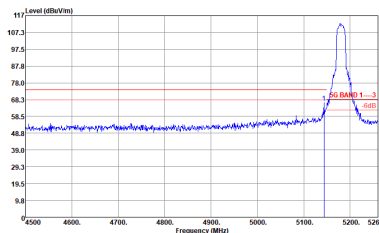
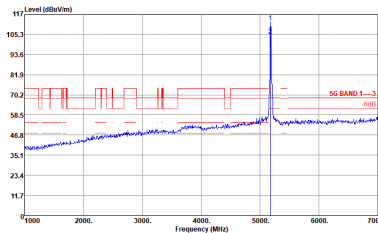
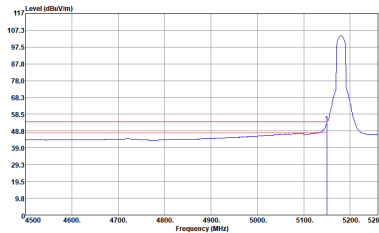


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																						
ANT	802.11a CH48 5240MHz																																																																																						
1+2	Horizontal	Fundamental																																																																																					
Peak	 Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Level</th><th>Level</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>on</th><th>deg</th></tr><tr><td>1</td><td>5364.72</td><td>57.09</td><td>-16.91</td><td>74.00</td><td>42.00</td><td>35.42</td><td>12.31</td><td>32.64</td><td>243</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Level	Level	Loss	Factor			MHz	dBuV/m	dB	dBuV/m	dB	dB	on	deg	1	5364.72	57.09	-16.91	74.00	42.00	35.42	12.31	32.64	243	330	Peak	HORIZONTAL	 Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Level</th><th>Level</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>on</th><th>deg</th></tr><tr><td>1</td><td>5242.00</td><td>116.66</td><td>-----</td><td>101.84</td><td>35.34</td><td>12.17</td><td>32.69</td><td>243</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5242.00</td><td>109.51</td><td>-----</td><td>94.69</td><td>35.34</td><td>12.17</td><td>32.69</td><td>243</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Level	Level	Loss	Factor			MHz	dBuV/m	dB	dBuV/m	dB	dB	on	deg	1	5242.00	116.66	-----	101.84	35.34	12.17	32.69	243	330	Peak	HORIZONTAL	2	5242.00	109.51	-----	94.69	35.34	12.17	32.69	243	330	Average	HORIZONTAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																															
Freq	Level	Level	Level	Loss	Factor																																																																																		
MHz	dBuV/m	dB	dBuV/m	dB	dB	on	deg																																																																																
1	5364.72	57.09	-16.91	74.00	42.00	35.42	12.31	32.64	243	330	Peak	HORIZONTAL																																																																											
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																
Freq	Level	Level	Level	Loss	Factor																																																																																		
MHz	dBuV/m	dB	dBuV/m	dB	dB	on	deg																																																																																
1	5242.00	116.66	-----	101.84	35.34	12.17	32.69	243	330	Peak	HORIZONTAL																																																																												
2	5242.00	109.51	-----	94.69	35.34	12.17	32.69	243	330	Average	HORIZONTAL																																																																												
Avg.	 Site Condition : 030906-KS : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VBW:0.0100Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Level</th><th>Level</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>on</th><th>deg</th></tr><tr><td>1</td><td>5362.48</td><td>46.50</td><td>-7.50</td><td>54.00</td><td>31.44</td><td>35.42</td><td>12.29</td><td>32.65</td><td>243</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Level	Level	Loss	Factor			MHz	dBuV/m	dB	dBuV/m	dB	dB	on	deg	1	5362.48	46.50	-7.50	54.00	31.44	35.42	12.29	32.65	243	330	Average	HORIZONTAL	-																																																
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																															
Freq	Level	Level	Level	Loss	Factor																																																																																		
MHz	dBuV/m	dB	dBuV/m	dB	dB	on	deg																																																																																
1	5362.48	46.50	-7.50	54.00	31.44	35.42	12.29	32.65	243	330	Average	HORIZONTAL																																																																											



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																						
ANT	802.11a CH48 5240MHz																																																																																						
1+2	Vertical	Fundamental																																																																																					
Peak	Site Condition : 030906-KS : SG BAND 1----3 In 3117 SN 75957 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th>on</th><th>deg</th><th></th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th></th></tr><tr><td>1</td><td>5356.08</td><td>55.00</td><td>-19.00</td><td>74.00</td><td>40.23</td><td>35.12</td><td>12.29</td><td>32.64</td><td>311</td><td>351</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor	on	deg		MHz	dBm	dB	dBm	dB	dB	dB		1	5356.08	55.00	-19.00	74.00	40.23	35.12	12.29	32.64	311	351	Peak	VERTICAL	Site Condition : 030906-KS : SG BAND 1----3 In 3117 SN 75957 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th>on</th><th>deg</th><th></th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th></th></tr><tr><td>1</td><td>5242.00</td><td>111.58</td><td>-----</td><td>97.07</td><td>35.03</td><td>12.17</td><td>32.69</td><td>311</td><td>351</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5242.00</td><td>104.97</td><td>-----</td><td>90.46</td><td>35.03</td><td>12.17</td><td>32.69</td><td>311</td><td>351</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor	on	deg		MHz	dBm	dB	dBm	dB	dB	dB		1	5242.00	111.58	-----	97.07	35.03	12.17	32.69	311	351	Peak	VERTICAL	2	5242.00	104.97	-----	90.46	35.03	12.17	32.69	311	351	Average	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																															
Freq	Level	Limit	Level Factor	Loss Factor	on	deg																																																																																	
MHz	dBm	dB	dBm	dB	dB	dB																																																																																	
1	5356.08	55.00	-19.00	74.00	40.23	35.12	12.29	32.64	311	351	Peak	VERTICAL																																																																											
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																
Freq	Level	Limit	Level Factor	Loss Factor	on	deg																																																																																	
MHz	dBm	dB	dBm	dB	dB	dB																																																																																	
1	5242.00	111.58	-----	97.07	35.03	12.17	32.69	311	351	Peak	VERTICAL																																																																												
2	5242.00	104.97	-----	90.46	35.03	12.17	32.69	311	351	Average	VERTICAL																																																																												
Avg.	Site Condition : 030906-KS : SG BAND 1----3 (AVG) In 3117 SN 75957 VERTICAL : RBW:1000.0000Hz VBW:3.0100Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th>on</th><th>deg</th><th></th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th></th></tr><tr><td>1</td><td>5353.20</td><td>44.54</td><td>-9.46</td><td>54.00</td><td>29.77</td><td>35.12</td><td>12.29</td><td>32.64</td><td>311</td><td>351</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor	on	deg		MHz	dBm	dB	dBm	dB	dB	dB		1	5353.20	44.54	-9.46	54.00	29.77	35.12	12.29	32.64	311	351	Average	VERTICAL	-																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																
Freq	Level	Limit	Level Factor	Loss Factor	on	deg																																																																																	
MHz	dBm	dB	dBm	dB	dB	dB																																																																																	
1	5353.20	44.54	-9.46	54.00	29.77	35.12	12.29	32.64	311	351	Average	VERTICAL																																																																											

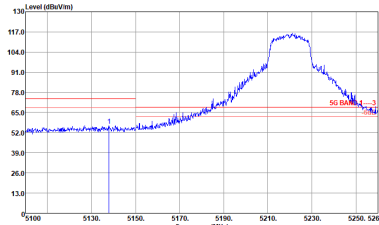
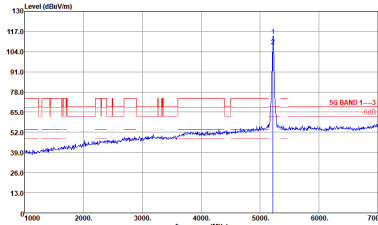
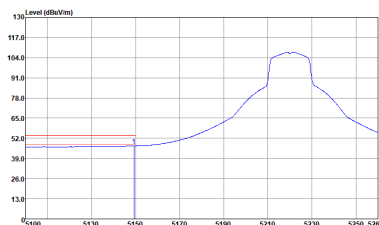
Band UNII 1 5150~5250MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																														
ANT	802.11n HT20 CH36 5180MHz																																																																														
1+2	Horizontal	Fundamental																																																																													
Peak	 Site : 032006-KS Condition : SG BAND 1----3 3e 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1 5143.68</td><td>66.43</td><td>-7.57</td><td>74.00</td><td>51.84</td><td>35.29</td><td>12.02</td><td>32.72</td><td>113</td><td>330 Peak</td><td>HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over	Limit	HeadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 5143.68	66.43	-7.57	74.00	51.84	35.29	12.02	32.72	113	330 Peak	HORIZONTAL	 Site : 032006-KS Condition : SG BAND 1----3 3e 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1 * 5176.00</td><td>112.33</td><td>-----</td><td>97.66</td><td>35.30</td><td>12.08</td><td>32.71</td><td>113</td><td>330 Peak</td><td>HORIZONTAL</td><td></td></tr><tr><td>2 5176.00</td><td>104.51</td><td>-----</td><td>89.84</td><td>35.30</td><td>12.08</td><td>32.71</td><td>113</td><td>330 Average</td><td>HORIZONTAL</td><td></td></tr></tbody></table>	Freq	Level	Over	Limit	HeadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 * 5176.00	112.33	-----	97.66	35.30	12.08	32.71	113	330 Peak	HORIZONTAL		2 5176.00	104.51	-----	89.84	35.30	12.08	32.71	113	330 Average	HORIZONTAL	
	Freq	Level	Over	Limit	HeadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																				
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																																							
1 5143.68	66.43	-7.57	74.00	51.84	35.29	12.02	32.72	113	330 Peak	HORIZONTAL																																																																					
Freq	Level	Over	Limit	HeadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																					
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																																							
1 * 5176.00	112.33	-----	97.66	35.30	12.08	32.71	113	330 Peak	HORIZONTAL																																																																						
2 5176.00	104.51	-----	89.84	35.30	12.08	32.71	113	330 Average	HORIZONTAL																																																																						
Avg.	 Site : 032006-KS Condition : SG BAND 1----3 (AVG) 3e 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:0.0100kHz SMT:Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1 5149.98</td><td>53.41</td><td>-0.99</td><td>54.00</td><td>38.82</td><td>35.29</td><td>12.02</td><td>32.72</td><td>113</td><td>330 Average</td><td>HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over	Limit	HeadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 5149.98	53.41	-0.99	54.00	38.82	35.29	12.02	32.72	113	330 Average	HORIZONTAL	-																																												
Freq	Level	Over	Limit	HeadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																					
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																																							
1 5149.98	53.41	-0.99	54.00	38.82	35.29	12.02	32.72	113	330 Average	HORIZONTAL																																																																					



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																														
ANT	802.11n HT20 CH36 5180MHz																																																																														
1+2	Vertical	Fundamental																																																																													
Peak	Site Condition : 030905-KS : 5G BAND 1-3 @ 5117.5N 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poa</th><th>T/Poa</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1</td><td>5144.80</td><td>61.11</td><td>-12.89</td><td>74.00</td><td>46.66</td><td>34.93</td><td>12.02</td><td>32.72</td><td>302</td><td>351</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor	dB	dB	dB	deg		1	5144.80	61.11	-12.89	74.00	46.66	34.93	12.02	32.72	302	351	Peak	VERTICAL	Site Condition : 030905-KS : 5G BAND 1-3 @ 5117.5N 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poa</th><th>T/Poa</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1</td><td>5176.00</td><td>108.53</td><td>-----</td><td>94.20</td><td>34.96</td><td>12.08</td><td>32.71</td><td>302</td><td>351</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5176.00</td><td>100.89</td><td>-----</td><td>86.56</td><td>34.96</td><td>12.08</td><td>32.71</td><td>302</td><td>351</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor	dB	dB	dB	deg		1	5176.00	108.53	-----	94.20	34.96	12.08	32.71	302	351	Peak	VERTICAL	2	5176.00	100.89	-----	86.56	34.96	12.08	32.71	302	351	Average	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas																																																																							
Freq	Level	Limit	Level	Factor	Loss	Factor	dB	dB	dB	deg																																																																					
1	5144.80	61.11	-12.89	74.00	46.66	34.93	12.02	32.72	302	351	Peak	VERTICAL																																																																			
Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas																																																																								
Freq	Level	Limit	Level	Factor	Loss	Factor	dB	dB	dB	deg																																																																					
1	5176.00	108.53	-----	94.20	34.96	12.08	32.71	302	351	Peak	VERTICAL																																																																				
2	5176.00	100.89	-----	86.56	34.96	12.08	32.71	302	351	Average	VERTICAL																																																																				
Avg.	Site Condition : 030905-KS : 5G BAND 1-3 (AVG) @ 5117.5N 75957 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poa</th><th>T/Poa</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1</td><td>5149.98</td><td>49.74</td><td>-4.26</td><td>54.00</td><td>35.51</td><td>34.93</td><td>12.02</td><td>32.72</td><td>302</td><td>351</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor	dB	dB	dB	deg		1	5149.98	49.74	-4.26	54.00	35.51	34.93	12.02	32.72	302	351	Average	VERTICAL	-																																												
Over	Limit	ReadAntenna	Cable Preamp	A/Poa	T/Poa	Remark	Pol/Phas																																																																								
Freq	Level	Limit	Level	Factor	Loss	Factor	dB	dB	dB	deg																																																																					
1	5149.98	49.74	-4.26	54.00	35.51	34.93	12.02	32.72	302	351	Average	VERTICAL																																																																			



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																													
ANT	802.11n HT20 CH44 5220MHz - L																																																																													
1+2	Horizontal	Fundamental																																																																												
Peak	 Site Condition : 030900-KS : SG BAND 1 ---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.00000Hz VBW:3000.00000Hz SMT:Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>deg</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th></th></tr><tr><td>1 5137.92</td><td>56.57</td><td>-17.43</td><td>74.00</td><td>42.03</td><td>35.28</td><td>11.99</td><td>32.73</td><td>236</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Limit	Level Factor	Loss Factor	dB	deg		MHz	dBuV/m	dB	dBuV/m	dB	dB		1 5137.92	56.57	-17.43	74.00	42.03	35.28	11.99	32.73	236	330	Peak	HORIZONTAL	 Site Condition : 030900-KS : SG BAND 1 ---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.00000Hz VBW:3000.00000Hz SMT:Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>deg</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th></th></tr><tr><td>1 * 5218.00</td><td>114.12</td><td>-----</td><td>99.35</td><td>35.33</td><td>12.13</td><td>32.69</td><td>236</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2 5218.00</td><td>107.47</td><td>-----</td><td>92.70</td><td>35.33</td><td>12.13</td><td>32.69</td><td>236</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Limit	Level Factor	Loss Factor	dB	deg		MHz	dBuV/m	dB	dBuV/m	dB	dB		1 * 5218.00	114.12	-----	99.35	35.33	12.13	32.69	236	330	Peak	HORIZONTAL	2 5218.00	107.47	-----	92.70	35.33	12.13	32.69	236	330	Average	HORIZONTAL
	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																							
Freq Level	Limit	Level Factor	Loss Factor	dB	deg																																																																									
MHz	dBuV/m	dB	dBuV/m	dB	dB																																																																									
1 5137.92	56.57	-17.43	74.00	42.03	35.28	11.99	32.73	236	330	Peak	HORIZONTAL																																																																			
Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																								
Freq Level	Limit	Level Factor	Loss Factor	dB	deg																																																																									
MHz	dBuV/m	dB	dBuV/m	dB	dB																																																																									
1 * 5218.00	114.12	-----	99.35	35.33	12.13	32.69	236	330	Peak	HORIZONTAL																																																																				
2 5218.00	107.47	-----	92.70	35.33	12.13	32.69	236	330	Average	HORIZONTAL																																																																				
Avg.	 Site Condition : 030900-KS : SG BAND 1 ---3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000.00000Hz VBW:0.01000Hz SMT:Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>deg</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th></th></tr><tr><td>1 5149.28</td><td>47.19</td><td>-6.81</td><td>54.00</td><td>32.60</td><td>35.29</td><td>12.02</td><td>32.72</td><td>236</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Limit	Level Factor	Loss Factor	dB	deg		MHz	dBuV/m	dB	dBuV/m	dB	dB		1 5149.28	47.19	-6.81	54.00	32.60	35.29	12.02	32.72	236	330	Average	HORIZONTAL	-																																											
Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																								
Freq Level	Limit	Level Factor	Loss Factor	dB	deg																																																																									
MHz	dBuV/m	dB	dBuV/m	dB	dB																																																																									
1 5149.28	47.19	-6.81	54.00	32.60	35.29	12.02	32.72	236	330	Average	HORIZONTAL																																																																			



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																						
ANT	802.11n HT20 CH44 5220MHz - R																																						
1+2	Horizontal	Fundamental																																					
Peak	Site : 030806-KS Condition : 5G BAND 1---3 3m 3117 SN 75957 HORIZONTAL RBW:1000, 0000Hz VSW:3000, 0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dBm</th><th>dB</th><th>cm</th></tr><tr><td>1</td><td>5354.10</td><td>56.68</td><td>-17.32</td><td>74.00</td><td>41.61</td><td>35.42</td><td>12.29</td><td>32.64</td><td>236</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dBm	dB	cm	1	5354.10	56.68	-17.32	74.00	41.61	35.42	12.29	32.64	236	330	Peak	HORIZONTAL	-
	Over	Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Line	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dBuV	dBm	dB	cm																																
1	5354.10	56.68	-17.32	74.00	41.61	35.42	12.29	32.64	236	330	Peak	HORIZONTAL																											
Avg.	Site : 030806-KS Condition : 5G BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL RBW:1000, 0000Hz VSW:0.0100Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dBm</th><th>dB</th><th>cm</th></tr><tr><td>1</td><td>5350.00</td><td>46.09</td><td>-7.91</td><td>54.00</td><td>31.03</td><td>35.42</td><td>12.29</td><td>32.65</td><td>236</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dBm	dB	cm	1	5350.00	46.09	-7.91	54.00	31.03	35.42	12.29	32.65	236	330	Average	HORIZONTAL	-
	Over	Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Line	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dBuV	dBm	dB	cm																																
1	5350.00	46.09	-7.91	54.00	31.03	35.42	12.29	32.65	236	330	Average	HORIZONTAL																											

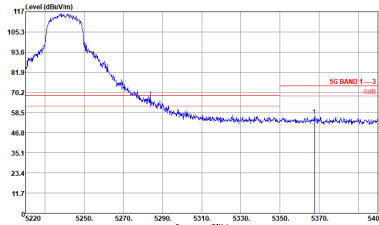
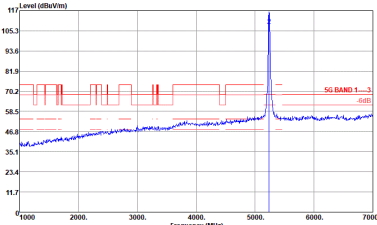
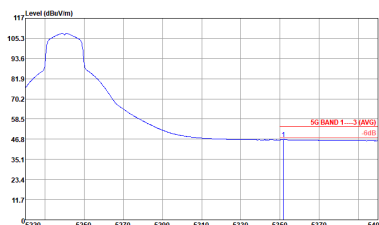


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																							
ANT	802.11n HT20 CH44 5220MHz - L																																																																							
1+2	Vertical	Fundamental																																																																						
Peak	Site Condition : 030806-KS : 5G BAND 1-3 @ 3117 SN 75957 VERTICAL : BSM 1000, 000000, VSM 1000, 000000, SRT Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 5138.24 55.45 -18.55</td><td>74.00</td><td>41.28</td><td>34.91</td><td>11.99</td><td>32.73</td><td>100</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>18 Peak</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>VERTICAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Line	Level Factor	Loss Factor	cm	deg		1 5138.24 55.45 -18.55	74.00	41.28	34.91	11.99	32.73	100							18 Peak							VERTICAL	Site Condition : 030806-KS : 5G BAND 1-3 @ 3117 SN 75957 VERTICAL : BSM 1000, 000000, VSM 1000, 000000, SRT Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 * 5218.00 110.60</td><td>86.17</td><td>34.99</td><td>12.13</td><td>32.69</td><td>100</td><td>18 Peak</td></tr><tr><td>2 5218.00 103.27</td><td>88.84</td><td>34.99</td><td>12.13</td><td>32.69</td><td>100</td><td>18 Average</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>VERTICAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Line	Level Factor	Loss Factor	cm	deg		1 * 5218.00 110.60	86.17	34.99	12.13	32.69	100	18 Peak	2 5218.00 103.27	88.84	34.99	12.13	32.69	100	18 Average							VERTICAL
	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																	
Freq Level	Line	Level Factor	Loss Factor	cm	deg																																																																			
1 5138.24 55.45 -18.55	74.00	41.28	34.91	11.99	32.73	100																																																																		
						18 Peak																																																																		
						VERTICAL																																																																		
Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																		
Freq Level	Line	Level Factor	Loss Factor	cm	deg																																																																			
1 * 5218.00 110.60	86.17	34.99	12.13	32.69	100	18 Peak																																																																		
2 5218.00 103.27	88.84	34.99	12.13	32.69	100	18 Average																																																																		
						VERTICAL																																																																		
Avg.	Site Condition : 030806-KS : 5G BAND 1-3 (AVG) @ 3117 SN 75957 VERTICAL : BSM 1000, 000000, VSM 1000, 000000, SRT Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 5149.98 45.29 -8.71</td><td>54.00</td><td>31.06</td><td>34.93</td><td>12.02</td><td>32.72</td><td>100</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>18 Average</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>VERTICAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Line	Level Factor	Loss Factor	cm	deg		1 5149.98 45.29 -8.71	54.00	31.06	34.93	12.02	32.72	100							18 Average							VERTICAL	-																																			
Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																		
Freq Level	Line	Level Factor	Loss Factor	cm	deg																																																																			
1 5149.98 45.29 -8.71	54.00	31.06	34.93	12.02	32.72	100																																																																		
						18 Average																																																																		
						VERTICAL																																																																		

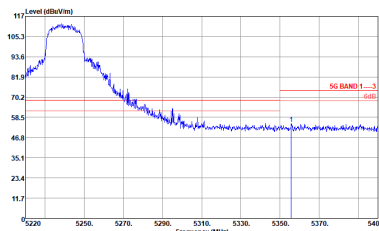
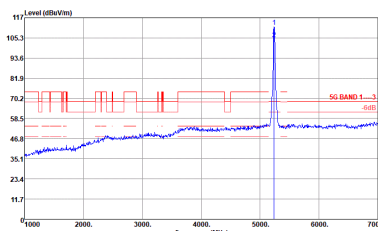
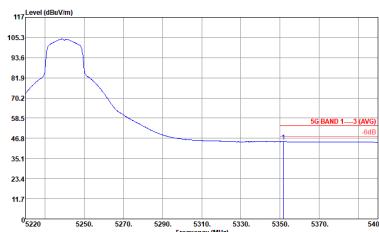


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																				
ANT	802.11n HT20 CH44 5220MHz - R																																				
1+2	Vertical	Fundamental																																			
Peak	Site Condition : 030806-KS : 5G BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000, 0000Hz VSB:3000, 0000Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1 5355.54</td><td>55.36</td><td>-18.64</td><td>74.00</td><td>40.59</td><td>35.12</td><td>12.29</td><td>32.64</td><td>100</td><td>18 Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg	1 5355.54	55.36	-18.64	74.00	40.59	35.12	12.29	32.64	100	18 Peak	VERTICAL	-
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																													
Freq	Level	Line	Level Factor	Loss Factor																																	
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg																														
1 5355.54	55.36	-18.64	74.00	40.59	35.12	12.29	32.64	100	18 Peak	VERTICAL																											
Avg.	Site Condition : 030806-KS : 5G BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000, 0000Hz VSB:0.01000Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1 5350.50</td><td>44.35</td><td>-9.65</td><td>54.00</td><td>29.59</td><td>35.12</td><td>12.29</td><td>32.65</td><td>100</td><td>18 Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg	1 5350.50	44.35	-9.65	54.00	29.59	35.12	12.29	32.65	100	18 Average	VERTICAL	-
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																													
Freq	Level	Line	Level Factor	Loss Factor																																	
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg																														
1 5350.50	44.35	-9.65	54.00	29.59	35.12	12.29	32.65	100	18 Average	VERTICAL																											



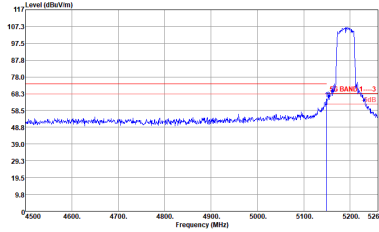
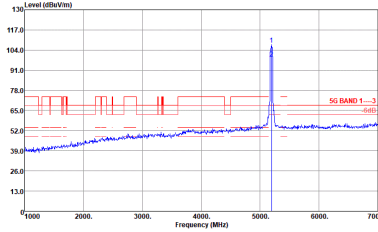
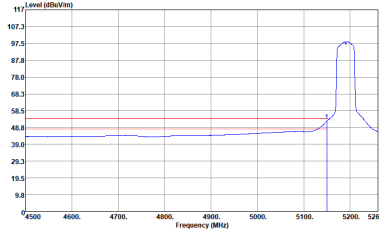
WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																						
ANT	802.11n HT20 CH48 5240MHz																																																																																						
1+2	Horizontal	Fundamental																																																																																					
Peak	 Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dBμV</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1</td><td>5367.60</td><td>56.24</td><td>-17.76</td><td>74.00</td><td>41.14</td><td>35.43</td><td>12.31</td><td>32.64</td><td>232</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	dB	1	5367.60	56.24	-17.76	74.00	41.14	35.43	12.31	32.64	232	330	Peak	HORIZONTAL	 Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dBμV</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 *</td><td>5236.00</td><td>116.20</td><td>-----</td><td>101.40</td><td>35.34</td><td>12.15</td><td>32.69</td><td>232</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5236.00</td><td>168.19</td><td>-----</td><td>93.99</td><td>35.34</td><td>12.15</td><td>32.69</td><td>232</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	dB	1 *	5236.00	116.20	-----	101.40	35.34	12.15	32.69	232	330	Peak	HORIZONTAL	2	5236.00	168.19	-----	93.99	35.34	12.15	32.69	232	330	Average	HORIZONTAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																															
Freq	Level	Limit	Level Factor	Loss Factor																																																																																			
MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	dB																																																																																
1	5367.60	56.24	-17.76	74.00	41.14	35.43	12.31	32.64	232	330	Peak	HORIZONTAL																																																																											
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																
Freq	Level	Limit	Level Factor	Loss Factor																																																																																			
MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	dB																																																																																
1 *	5236.00	116.20	-----	101.40	35.34	12.15	32.69	232	330	Peak	HORIZONTAL																																																																												
2	5236.00	168.19	-----	93.99	35.34	12.15	32.69	232	330	Average	HORIZONTAL																																																																												
Avg.	 Site Condition : 030906-KS : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dBμV</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1</td><td>5351.76</td><td>46.81</td><td>-7.19</td><td>54.00</td><td>31.75</td><td>35.42</td><td>12.29</td><td>32.65</td><td>232</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	dB	1	5351.76	46.81	-7.19	54.00	31.75	35.42	12.29	32.65	232	330	Average	HORIZONTAL	-																																																
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																															
Freq	Level	Limit	Level Factor	Loss Factor																																																																																			
MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	dB																																																																																
1	5351.76	46.81	-7.19	54.00	31.75	35.42	12.29	32.65	232	330	Average	HORIZONTAL																																																																											



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																																																	
ANT	802.11n HT20 CH48 5240MHz																																																																																																																	
1+2	Vertical	Fundamental																																																																																																																
Peak	 Site Condition : 030806-KS : 5G BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000; VBW:3000; 0000Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1 5355.72</td><td>54.72</td><td>-19.28</td><td>74.00</td><td>39.95</td><td>35.12</td><td>12.29</td><td>32.64</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td><td>88 Peak</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	deg	1 5355.72	54.72	-19.28	74.00	39.95	35.12	12.29	32.64							100	88 Peak								VERTICAL	 Site Condition : 030806-KS : 5G BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000; VBW:3000; 0000Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1 * 5236.00</td><td>111.93</td><td></td><td>97.66</td><td>35.01</td><td>12.15</td><td>32.69</td><td>100</td></tr><tr><td>2 5236.00</td><td>104.66</td><td></td><td>90.19</td><td>35.01</td><td>12.15</td><td>32.69</td><td>100</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>88 Peak</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>88 Average</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	deg	1 * 5236.00	111.93		97.66	35.01	12.15	32.69	100	2 5236.00	104.66		90.19	35.01	12.15	32.69	100								88 Peak								88 Average								VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																										
Freq	Level	Line	Level Factor	Loss Factor																																																																																																														
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	deg																																																																																																											
1 5355.72	54.72	-19.28	74.00	39.95	35.12	12.29	32.64																																																																																																											
						100	88 Peak																																																																																																											
							VERTICAL																																																																																																											
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																											
Freq	Level	Line	Level Factor	Loss Factor																																																																																																														
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	deg																																																																																																											
1 * 5236.00	111.93		97.66	35.01	12.15	32.69	100																																																																																																											
2 5236.00	104.66		90.19	35.01	12.15	32.69	100																																																																																																											
							88 Peak																																																																																																											
							88 Average																																																																																																											
							VERTICAL																																																																																																											
Avg.	 Site Condition : 030806-KS : 5G BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000; VBW:0.0100Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1 5351.76</td><td>45.04</td><td>-8.96</td><td>54.00</td><td>30.28</td><td>35.12</td><td>12.29</td><td>32.65</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>88 Average</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	deg	1 5351.76	45.04	-8.96	54.00	30.28	35.12	12.29	32.65								100								88 Average								VERTICAL	-																																																								
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																											
Freq	Level	Line	Level Factor	Loss Factor																																																																																																														
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	deg																																																																																																											
1 5351.76	45.04	-8.96	54.00	30.28	35.12	12.29	32.65																																																																																																											
							100																																																																																																											
							88 Average																																																																																																											
							VERTICAL																																																																																																											



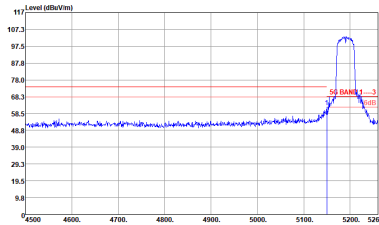
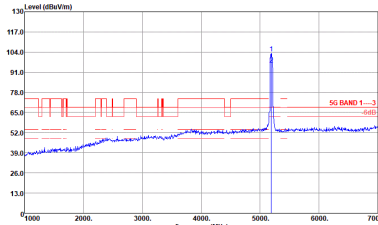
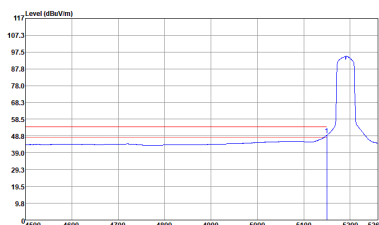
Band UNII 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																							
ANT	802.11n HT40 CH38 5190MHz - L																																																																							
1+2	Horizontal	Fundamental																																																																						
Peak	 Site Condition : 030906-KS : 5G BAND 1-----3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBR:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 5148.96</td><td>65.32</td><td>-8.68</td><td>74.00</td><td>50.73</td><td>35.29</td><td>12.02 32.72</td><td>237 329 Peak HORIZONTAL</td></tr></tbody></table>		Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1 5148.96	65.32	-8.68	74.00	50.73	35.29	12.02 32.72	237 329 Peak HORIZONTAL	 Site Condition : 030906-KS : 5G BAND 1-----3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBR:3000.000kHz SMT:Auto <table><thead><tr><th></th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 * 5194.00</td><td>107.40</td><td>-----</td><td>92.68</td><td>35.31</td><td>12.11 32.70</td><td>237 329 Peak HORIZONTAL</td></tr><tr><td>2 5194.00</td><td>98.54</td><td>-----</td><td>83.82</td><td>35.31</td><td>12.11 32.70</td><td>237 329 Average HORIZONTAL</td></tr></tbody></table>		Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1 * 5194.00	107.40	-----	92.68	35.31	12.11 32.70	237 329 Peak HORIZONTAL	2 5194.00	98.54	-----	83.82	35.31	12.11 32.70	237 329 Average HORIZONTAL
		Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																
Freq	Level	Line	Level Factor	Loss Factor																																																																				
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																	
1 5148.96	65.32	-8.68	74.00	50.73	35.29	12.02 32.72	237 329 Peak HORIZONTAL																																																																	
	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																	
Freq	Level	Line	Level Factor	Loss Factor																																																																				
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																	
1 * 5194.00	107.40	-----	92.68	35.31	12.11 32.70	237 329 Peak HORIZONTAL																																																																		
2 5194.00	98.54	-----	83.82	35.31	12.11 32.70	237 329 Average HORIZONTAL																																																																		
Avg.	 Site Condition : 030906-KS : 5G BAND 1-----3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBR:0.010kHz SMT:Auto <table><thead><tr><th></th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 5149.98</td><td>52.52</td><td>-1.48</td><td>54.00</td><td>37.93</td><td>35.29 12.02 32.72</td><td>237 329 Average HORIZONTAL</td></tr></tbody></table>		Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1 5149.98	52.52	-1.48	54.00	37.93	35.29 12.02 32.72	237 329 Average HORIZONTAL	-																																							
	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																	
Freq	Level	Line	Level Factor	Loss Factor																																																																				
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																	
1 5149.98	52.52	-1.48	54.00	37.93	35.29 12.02 32.72	237 329 Average HORIZONTAL																																																																		

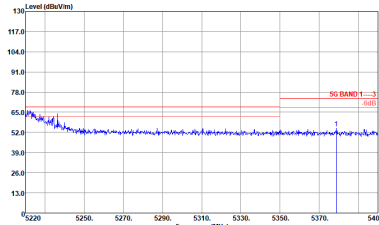
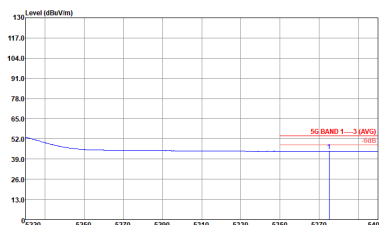


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																					
ANT	802.11n HT40 CH38 5190MHz - R																																					
1+2	Horizontal	Fundamental																																				
Peak	Site Condition : 030806-KS : 5G BAND 1-3 3m 3117 SN 75957 HORIZONTAL : RBW:1000, 0000Hz VBR:3000, 0000Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1 5351.44</td><td>55.33</td><td>-18.67</td><td>74.00</td><td>40.19</td><td>35.44</td><td>12.33</td><td>32.63</td><td>237</td><td>329</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg	1 5351.44	55.33	-18.67	74.00	40.19	35.44	12.33	32.63	237	329	Peak	HORIZONTAL	-
	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas																														
Freq	Level	Line	Level Factor	Loss Factor																																		
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg																															
1 5351.44	55.33	-18.67	74.00	40.19	35.44	12.33	32.63	237	329	Peak	HORIZONTAL																											
Avg.	Site Condition : 030806-KS : 5G BAND 1-3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000, 0000Hz VBR:0.0100Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1 5351.76</td><td>45.35</td><td>-8.65</td><td>54.00</td><td>30.29</td><td>35.42</td><td>12.29</td><td>32.65</td><td>237</td><td>329</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg	1 5351.76	45.35	-8.65	54.00	30.29	35.42	12.29	32.65	237	329	Average	HORIZONTAL	-
Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Line	Level Factor	Loss Factor																																		
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg																															
1 5351.76	45.35	-8.65	54.00	30.29	35.42	12.29	32.65	237	329	Average	HORIZONTAL																											

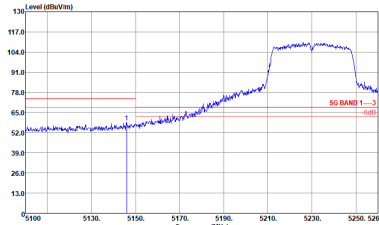
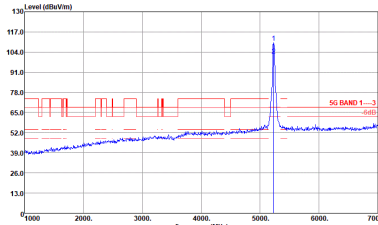
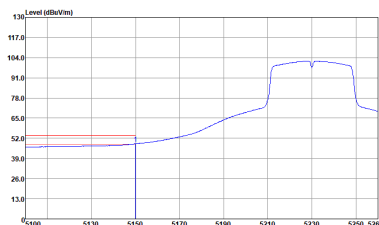


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																			
ANT	802.11n HT40 CH38 5190MHz - L																																																																																			
1+2	Vertical	Fundamental																																																																																		
Peak	 Site : 030104-KS Condition : SG BAND 1----3 3m 5117 SN 75957 VERTICAL RBW:1000.0000Hz VSB:3000.0000Hz SBT:Auto <table><tr><th></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><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 5149.76</td><td>62.26</td><td>-11.74</td><td>74.00</td><td>48.03</td><td>34.93</td><td>12.02</td><td>32.72</td><td>301 352 Peak</td><td>VERTICAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor					MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 5149.76	62.26	-11.74	74.00	48.03	34.93	12.02	32.72	301 352 Peak	VERTICAL	 Site : 030104-KS Condition : SG BAND 1----3 3m 5117 SN 75957 VERTICAL RBW:1000.0000Hz VSB:3000.0000Hz SBT:Auto <table><tr><th></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><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 * 5188.00</td><td>163.38</td><td>-----</td><td>89.05</td><td>34.96</td><td>12.08</td><td>32.71</td><td>301 352 Peak</td><td>VERTICAL</td></tr><tr><td>2 5188.00</td><td>94.11</td><td>-----</td><td>81.78</td><td>34.96</td><td>12.08</td><td>32.71</td><td>301 352 Average</td><td>VERTICAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor					MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 * 5188.00	163.38	-----	89.05	34.96	12.08	32.71	301 352 Peak	VERTICAL	2 5188.00	94.11	-----	81.78	34.96	12.08	32.71	301 352 Average	VERTICAL
		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																											
Freq	Level	Line	Level Factor	Loss Factor																																																																																
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																													
1 5149.76	62.26	-11.74	74.00	48.03	34.93	12.02	32.72	301 352 Peak	VERTICAL																																																																											
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																												
Freq	Level	Line	Level Factor	Loss Factor																																																																																
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																													
1 * 5188.00	163.38	-----	89.05	34.96	12.08	32.71	301 352 Peak	VERTICAL																																																																												
2 5188.00	94.11	-----	81.78	34.96	12.08	32.71	301 352 Average	VERTICAL																																																																												
Avg.	 Site : 030104-KS Condition : SG BAND 1----3 (AVG) 3m 5117 SN 75957 VERTICAL RBW:1000.0000Hz VSB:0.01000Hz SBT:Auto <table><tr><th></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><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 5149.92</td><td>49.28</td><td>-4.72</td><td>54.00</td><td>35.05</td><td>34.93</td><td>12.02</td><td>32.72</td><td>301 352 Average</td><td>VERTICAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor					MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 5149.92	49.28	-4.72	54.00	35.05	34.93	12.02	32.72	301 352 Average	VERTICAL	-																																													
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																												
Freq	Level	Line	Level Factor	Loss Factor																																																																																
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																													
1 5149.92	49.28	-4.72	54.00	35.05	34.93	12.02	32.72	301 352 Average	VERTICAL																																																																											

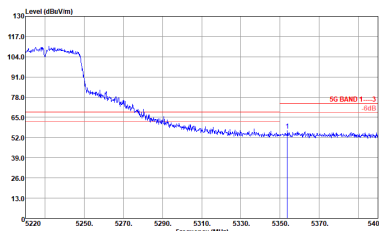
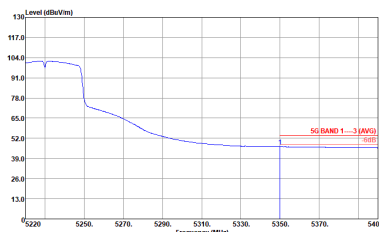


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																	
ANT	802.11n HT40 CH38 5190MHz - R																																																	
1+2	Vertical	Fundamental																																																
Peak	 Site Condition : 030904-KS : SG BAND 1---3 3e 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1 5378.76</td><td>-54.63</td><td>-19.37</td><td>74.00</td><td>29.77</td><td>35.16</td><td>12.33</td><td>32.63</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>301</td><td>352 Peak</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBm	dB	dBm	dB	dB	dB	deg	1 5378.76	-54.63	-19.37	74.00	29.77	35.16	12.33	32.63							301	352 Peak								VERTICAL	-
Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas																																											
Freq	Level	Limit	Level	Factor	Loss	Factor																																												
MHz	dBm	dB	dBm	dB	dB	dB	deg																																											
1 5378.76	-54.63	-19.37	74.00	29.77	35.16	12.33	32.63																																											
						301	352 Peak																																											
							VERTICAL																																											
Avg.	 Site Condition : 030904-KS : SG BAND 1---3 (AVG) 3e 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBm</th><th>dB</th><th>dBm</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1 5374.98</td><td>-44.00</td><td>-10.00</td><td>54.00</td><td>29.19</td><td>35.14</td><td>12.31</td><td>32.64</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>301</td><td>352 Average</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBm	dB	dBm	dB	dB	dB	deg	1 5374.98	-44.00	-10.00	54.00	29.19	35.14	12.31	32.64							301	352 Average								VERTICAL	-
Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas																																											
Freq	Level	Limit	Level	Factor	Loss	Factor																																												
MHz	dBm	dB	dBm	dB	dB	dB	deg																																											
1 5374.98	-44.00	-10.00	54.00	29.19	35.14	12.31	32.64																																											
						301	352 Average																																											
							VERTICAL																																											

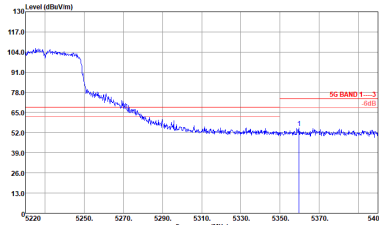
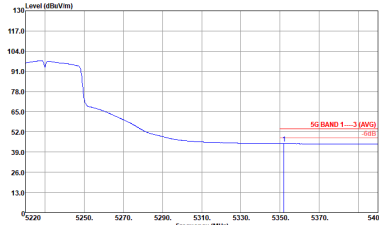


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																
ANT	802.11n HT40 CH46 5230MHz - L																																																																																
1+2	Horizontal	Fundamental																																																																															
Peak	 Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.00000Hz VSW:3000.00000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 5145.92</td><td>58.60</td><td>-15.40</td><td>74.00</td><td>44.01</td><td>35.29</td><td>12.02</td><td>32.72</td><td>234</td><td>330 Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	1 5145.92	58.60	-15.40	74.00	44.01	35.29	12.02	32.72	234	330 Peak	HORIZONTAL	 Site Condition : 030906-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.00000Hz VSW:3000.00000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 * 5230.00</td><td>110.00</td><td>-----</td><td>95.10</td><td>35.34</td><td>12.15</td><td>32.69</td><td>234</td><td>330 Peak</td><td>HORIZONTAL</td></tr><tr><td>2 5230.00</td><td>101.82</td><td>-----</td><td>87.02</td><td>35.34</td><td>12.15</td><td>32.69</td><td>234</td><td>330 Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	1 * 5230.00	110.00	-----	95.10	35.34	12.15	32.69	234	330 Peak	HORIZONTAL	2 5230.00	101.82	-----	87.02	35.34	12.15	32.69	234	330 Average	HORIZONTAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																									
Freq	Level	Line	Level Factor	Loss Factor																																																																													
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB																																																																										
1 5145.92	58.60	-15.40	74.00	44.01	35.29	12.02	32.72	234	330 Peak	HORIZONTAL																																																																							
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																										
Freq	Level	Line	Level Factor	Loss Factor																																																																													
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB																																																																										
1 * 5230.00	110.00	-----	95.10	35.34	12.15	32.69	234	330 Peak	HORIZONTAL																																																																								
2 5230.00	101.82	-----	87.02	35.34	12.15	32.69	234	330 Average	HORIZONTAL																																																																								
Avg.	 Site Condition : 030906-KS : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000.00000Hz VSW:0.01000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 5149.98</td><td>48.49</td><td>-5.51</td><td>54.00</td><td>33.90</td><td>35.29</td><td>12.02</td><td>32.72</td><td>234</td><td>330 Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	1 5149.98	48.49	-5.51	54.00	33.90	35.29	12.02	32.72	234	330 Average	HORIZONTAL	-																																												
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																									
Freq	Level	Line	Level Factor	Loss Factor																																																																													
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB																																																																										
1 5149.98	48.49	-5.51	54.00	33.90	35.29	12.02	32.72	234	330 Average	HORIZONTAL																																																																							



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																						
ANT	802.11n HT40 CH46 5230MHz - R																																						
1+2	Horizontal	Fundamental																																					
Peak	 Site Condition : 030806-KS : 5G BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000, 0000Hz VSW:3000, 0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5353.74</td><td>56.49</td><td>-17.51</td><td>74.00</td><td>41.42</td><td>35.42</td><td>12.29</td><td>32.64</td><td>234</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	deg	1	5353.74	56.49	-17.51	74.00	41.42	35.42	12.29	32.64	234	330	Peak	HORIZONTAL	-
	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																															
Freq	Level	Line	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	deg																																
1	5353.74	56.49	-17.51	74.00	41.42	35.42	12.29	32.64	234	330	Peak	HORIZONTAL																											
Avg.	 Site Condition : 030806-KS : 5G BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000, 0000Hz VSW:3.01000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5350.00</td><td>46.61</td><td>-7.39</td><td>54.00</td><td>31.55</td><td>35.42</td><td>12.29</td><td>32.65</td><td>234</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	deg	1	5350.00	46.61	-7.39	54.00	31.55	35.42	12.29	32.65	234	330	Average	HORIZONTAL	-
Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																
Freq	Level	Line	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	deg																																
1	5350.00	46.61	-7.39	54.00	31.55	35.42	12.29	32.65	234	330	Average	HORIZONTAL																											



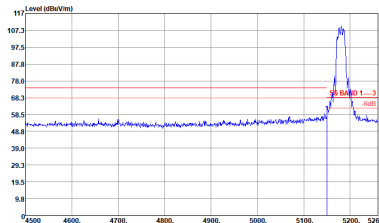
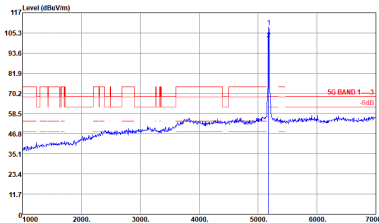
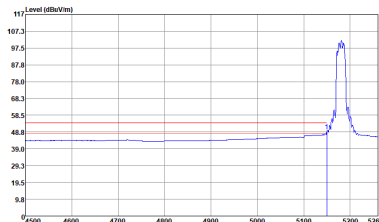
WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																						
ANT	802.11n HT40 CH46 5230MHz - R																																						
1+2	Vertical	Fundamental																																					
Peak	 Site Condition : 030904-KS : SG BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000, 000kHz VSW:3000, 000kHz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5359.68</td><td>55.09</td><td>-18.91</td><td>74.00</td><td>40.32</td><td>35.12</td><td>12.29</td><td>32.64</td><td>313</td><td>350</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5359.68	55.09	-18.91	74.00	40.32	35.12	12.29	32.64	313	350	Peak	VERTICAL	-
	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Limit	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																
1	5359.68	55.09	-18.91	74.00	40.32	35.12	12.29	32.64	313	350	Peak	VERTICAL																											
Avg.	 Site Condition : 030904-KS : SG BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000, 000kHz VSW:3, 010kHz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5351.94</td><td>44.44</td><td>-9.56</td><td>54.00</td><td>29.68</td><td>35.12</td><td>12.29</td><td>32.65</td><td>313</td><td>350</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5351.94	44.44	-9.56	54.00	29.68	35.12	12.29	32.65	313	350	Average	VERTICAL	-
Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas																																
Freq	Level	Limit	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																
1	5351.94	44.44	-9.56	54.00	29.68	35.12	12.29	32.65	313	350	Average	VERTICAL																											



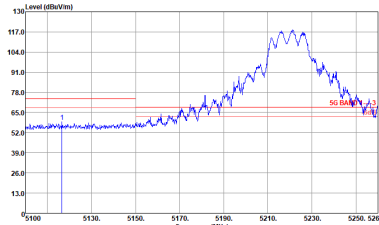
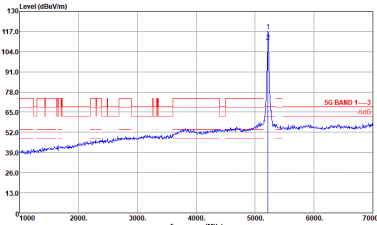
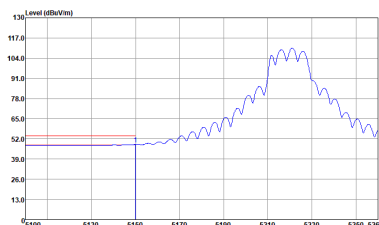
WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																						
ANT	802.11ac VHT20 CH36 5180MHz																																																																																						
1+2	Horizontal	Fundamental																																																																																					
Peak	Site : 032006-KS Condition : SG BAND 1-----3 3e 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5149.92</td><td>65.45</td><td>-8.55</td><td>74.00</td><td>50.86</td><td>35.29</td><td>12.02</td><td>32.72</td><td>236</td><td>335</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss			MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5149.92	65.45	-8.55	74.00	50.86	35.29	12.02	32.72	236	335	Peak	HORIZONTAL	Site : 032006-KS Condition : SG BAND 1-----3 3e 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 *</td><td>5182.00</td><td>114.16</td><td>-----</td><td>99.48</td><td>35.31</td><td>12.08</td><td>32.71</td><td>236</td><td>335</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5182.00</td><td>150.21</td><td>-----</td><td>91.53</td><td>35.31</td><td>12.08</td><td>32.71</td><td>236</td><td>335</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss			MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1 *	5182.00	114.16	-----	99.48	35.31	12.08	32.71	236	335	Peak	HORIZONTAL	2	5182.00	150.21	-----	91.53	35.31	12.08	32.71	236	335	Average	HORIZONTAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																															
Freq	Level	Line	Level	Factor	Loss																																																																																		
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																																
1	5149.92	65.45	-8.55	74.00	50.86	35.29	12.02	32.72	236	335	Peak	HORIZONTAL																																																																											
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																
Freq	Level	Line	Level	Factor	Loss																																																																																		
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																																
1 *	5182.00	114.16	-----	99.48	35.31	12.08	32.71	236	335	Peak	HORIZONTAL																																																																												
2	5182.00	150.21	-----	91.53	35.31	12.08	32.71	236	335	Average	HORIZONTAL																																																																												
Avg.	Site : 032006-KS Condition : SG BAND 1-----3 (AVG) 3e 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5149.98</td><td>53.35</td><td>-0.75</td><td>54.00</td><td>38.66</td><td>35.29</td><td>12.02</td><td>32.72</td><td>236</td><td>335</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss			MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5149.98	53.35	-0.75	54.00	38.66	35.29	12.02	32.72	236	335	Average	HORIZONTAL	-																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																
Freq	Level	Line	Level	Factor	Loss																																																																																		
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																																
1	5149.98	53.35	-0.75	54.00	38.66	35.29	12.02	32.72	236	335	Average	HORIZONTAL																																																																											



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																			
ANT	802.11ac VHT20 CH36 5180MHz																																																																																			
1+2	Vertical	Fundamental																																																																																		
Peak	 Site : 030804-KS Condition : SG BAND 1----3 3m 3117 SN 75957 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SFT:Auto <table><tr><th></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><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th></th><th></th></tr><tr><td>1 5149.98</td><td>59.63</td><td>-14.37</td><td>74.00</td><td>45.40</td><td>34.93</td><td>12.02</td><td>32.72</td><td>100</td><td>88 Peak VERTICAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor	dB	dB	cm	deg	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB			1 5149.98	59.63	-14.37	74.00	45.40	34.93	12.02	32.72	100	88 Peak VERTICAL	 Site : 030804-KS Condition : SG BAND 1----3 3m 3117 SN 75957 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SFT:Auto <table><tr><th></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><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th></th><th></th></tr><tr><td>1 5182.00</td><td>108.89</td><td>-----</td><td>84.56</td><td>34.96</td><td>12.08</td><td>32.71</td><td>100</td><td>88 Peak VERTICAL</td></tr><tr><td>2 5182.00</td><td>101.65</td><td>-----</td><td>87.32</td><td>34.96</td><td>12.08</td><td>32.71</td><td>100</td><td>88 Average VERTICAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor	dB	dB	cm	deg	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB			1 5182.00	108.89	-----	84.56	34.96	12.08	32.71	100	88 Peak VERTICAL	2 5182.00	101.65	-----	87.32	34.96	12.08	32.71	100	88 Average VERTICAL
		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																											
Freq	Level	Line	Level Factor	Loss Factor	dB	dB	cm	deg																																																																												
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB																																																																														
1 5149.98	59.63	-14.37	74.00	45.40	34.93	12.02	32.72	100	88 Peak VERTICAL																																																																											
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																												
Freq	Level	Line	Level Factor	Loss Factor	dB	dB	cm	deg																																																																												
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB																																																																														
1 5182.00	108.89	-----	84.56	34.96	12.08	32.71	100	88 Peak VERTICAL																																																																												
2 5182.00	101.65	-----	87.32	34.96	12.08	32.71	100	88 Average VERTICAL																																																																												
Avg.	 Site : 030804-KS Condition : SG BAND 1----3 (AVG) 3m 3117 SN 75957 VERTICAL RBW:1000.000kHz VBW:0.010kHz SFT:Auto <table><tr><th></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><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th></th><th></th></tr><tr><td>1 5149.98</td><td>49.36</td><td>-4.64</td><td>54.00</td><td>35.13</td><td>34.93</td><td>12.02</td><td>32.72</td><td>100</td><td>88 Average VERTICAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor	dB	dB	cm	deg	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB			1 5149.98	49.36	-4.64	54.00	35.13	34.93	12.02	32.72	100	88 Average VERTICAL	-																																													
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																												
Freq	Level	Line	Level Factor	Loss Factor	dB	dB	cm	deg																																																																												
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB																																																																														
1 5149.98	49.36	-4.64	54.00	35.13	34.93	12.02	32.72	100	88 Average VERTICAL																																																																											

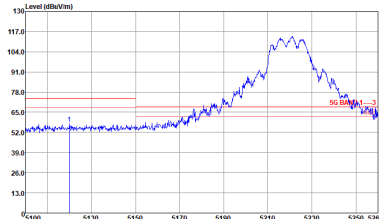
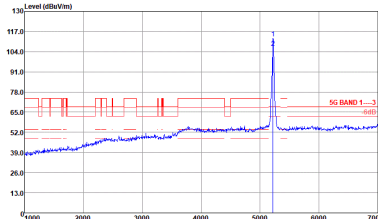
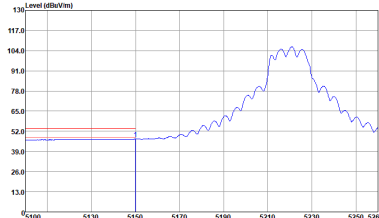


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																								
ANT	802.11ac VHT20 CH44 5220MHz - L																																																								
1+2	Horizontal	Fundamental																																																							
Peak	 Site Condition : 020900-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SMT:Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5116.64 58.85</td><td>-15.15</td><td>74.00</td><td>44.37</td><td>35.26</td><td>11.96</td><td>233</td><td>335 Peak</td><td>HORIZONTAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	dB	dB	dB	dB	cm	deg	1 5116.64 58.85	-15.15	74.00	44.37	35.26	11.96	233	335 Peak	HORIZONTAL	 Site Condition : 020900-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SMT:Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 * 5218.00 117.48</td><td>-----</td><td>102.71</td><td>35.33</td><td>12.13</td><td>32.69</td><td>233</td><td>335 Peak</td><td>HORIZONTAL</td></tr><tr><td>2 5218.00 110.60</td><td>-----</td><td>95.83</td><td>35.33</td><td>12.13</td><td>32.69</td><td>233</td><td>335 Average</td><td>HORIZONTAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	dB	dB	dB	dB	cm	deg	1 * 5218.00 117.48	-----	102.71	35.33	12.13	32.69	233	335 Peak	HORIZONTAL	2 5218.00 110.60	-----	95.83	35.33	12.13	32.69	233	335 Average	HORIZONTAL
	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																		
Freq Level	dB	dB	dB	dB	cm	deg																																																			
1 5116.64 58.85	-15.15	74.00	44.37	35.26	11.96	233	335 Peak	HORIZONTAL																																																	
Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																			
Freq Level	dB	dB	dB	dB	cm	deg																																																			
1 * 5218.00 117.48	-----	102.71	35.33	12.13	32.69	233	335 Peak	HORIZONTAL																																																	
2 5218.00 110.60	-----	95.83	35.33	12.13	32.69	233	335 Average	HORIZONTAL																																																	
Avg.	 Site Condition : 020900-KS : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VBW:3.0100kHz SMT:Auto <table><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5149.98 48.50</td><td>-5.50</td><td>54.00</td><td>33.91</td><td>35.29</td><td>12.02</td><td>233</td><td>335 Average</td><td>HORIZONTAL</td></tr></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	dB	dB	dB	dB	cm	deg	1 5149.98 48.50	-5.50	54.00	33.91	35.29	12.02	233	335 Average	HORIZONTAL	-																																
Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																			
Freq Level	dB	dB	dB	dB	cm	deg																																																			
1 5149.98 48.50	-5.50	54.00	33.91	35.29	12.02	233	335 Average	HORIZONTAL																																																	



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																						
ANT	802.11ac VHT20 CH44 5220MHz - R																																						
1+2	Horizontal	Fundamental																																					
Peak	Site Condition : 032000-KS : SG BAND 1-3 @ 3117 SN 75957 HORIZONTAL : RBW 1000 000000 VSW 3000 000000 SRT Auto <table><tr><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1</td><td>5350.58</td><td>58.46</td><td>-15.54</td><td>74.00</td><td>43.37</td><td>35.42</td><td>12.31</td><td>32.64</td><td>233</td><td>335</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	HeadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	1	5350.58	58.46	-15.54	74.00	43.37	35.42	12.31	32.64	233	335	Peak	HORIZONTAL	-
	Over	Limit	HeadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																															
Freq	Level	Line	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB																																
1	5350.58	58.46	-15.54	74.00	43.37	35.42	12.31	32.64	233	335	Peak	HORIZONTAL																											
Avg.	Site Condition : 032000-KS : SG BAND 1-3 (AVG) @ 3117 SN 75957 HORIZONTAL : RBW 1000 000000 VSW 0.010000 SRT Auto <table><tr><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1</td><td>5350.68</td><td>47.06</td><td>-6.94</td><td>54.00</td><td>32.00</td><td>35.42</td><td>12.29</td><td>32.65</td><td>233</td><td>335</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	HeadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	1	5350.68	47.06	-6.94	54.00	32.00	35.42	12.29	32.65	233	335	Average	HORIZONTAL	-
	Over	Limit	HeadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																															
Freq	Level	Line	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB																																
1	5350.68	47.06	-6.94	54.00	32.00	35.42	12.29	32.65	233	335	Average	HORIZONTAL																											

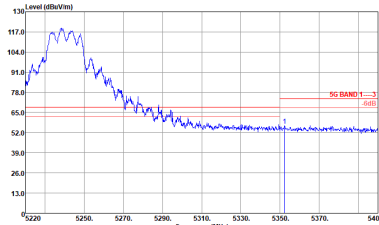
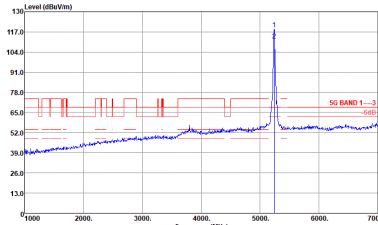
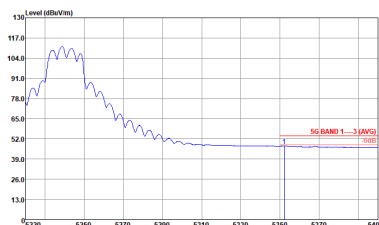


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																						
ANT	802.11ac VHT20 CH44 5220MHz - L																																																																																						
1+2	Vertical	Fundamental																																																																																					
Peak	 Site Condition : 030900-KS : 5G BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.00000Hz VBW:3000.00000Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dBμV</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5120.00</td><td>57.60</td><td>-16.40</td><td>74.00</td><td>43.47</td><td>34.90</td><td>11.96</td><td>32.73</td><td>100</td><td>87</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	deg	1	5120.00	57.60	-16.40	74.00	43.47	34.90	11.96	32.73	100	87	Peak	VERTICAL	 Site Condition : 030900-KS : 5G BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.00000Hz VBW:3000.00000Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dBμV</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5218.00</td><td>112.43</td><td>-----</td><td>88.20</td><td>34.99</td><td>12.13</td><td>32.69</td><td>100</td><td>87</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5218.00</td><td>105.54</td><td>-----</td><td>92.11</td><td>34.99</td><td>12.13</td><td>32.69</td><td>100</td><td>87</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	deg	1	5218.00	112.43	-----	88.20	34.99	12.13	32.69	100	87	Peak	VERTICAL	2	5218.00	105.54	-----	92.11	34.99	12.13	32.69	100	87	Average	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																																															
Freq	Level	Limit	Level Factor	Loss Factor																																																																																			
MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	deg																																																																																
1	5120.00	57.60	-16.40	74.00	43.47	34.90	11.96	32.73	100	87	Peak	VERTICAL																																																																											
Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																																																
Freq	Level	Limit	Level Factor	Loss Factor																																																																																			
MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	deg																																																																																
1	5218.00	112.43	-----	88.20	34.99	12.13	32.69	100	87	Peak	VERTICAL																																																																												
2	5218.00	105.54	-----	92.11	34.99	12.13	32.69	100	87	Average	VERTICAL																																																																												
Avg.	 Site Condition : 030900-KS : 5G BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000.00000Hz VBW:0.01000Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dBμV</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5149.98</td><td>46.95</td><td>-7.05</td><td>54.00</td><td>32.72</td><td>34.93</td><td>12.02</td><td>32.72</td><td>100</td><td>87</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	deg	1	5149.98	46.95	-7.05	54.00	32.72	34.93	12.02	32.72	100	87	Average	VERTICAL	-																																																
Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																																																
Freq	Level	Limit	Level Factor	Loss Factor																																																																																			
MHz	dBμV/m	dB	dBμV/m	dBμV	dB	dB	deg																																																																																
1	5149.98	46.95	-7.05	54.00	32.72	34.93	12.02	32.72	100	87	Average	VERTICAL																																																																											

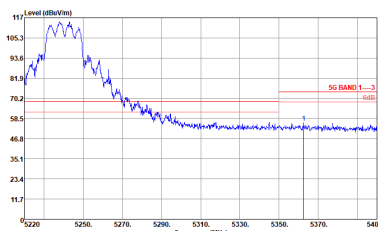
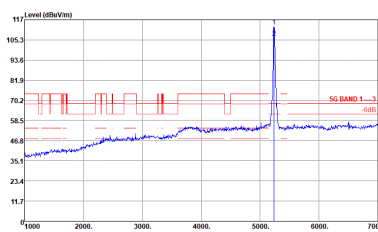
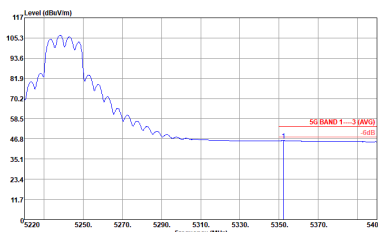


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																						
ANT	802.11ac VHT20 CH44 5220MHz - R																																						
1+2	Vertical	Fundamental																																					
Peak	Site Condition : 032004-KS : 5G BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000; 00000; VSW:3000; 00000; SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5358.78</td><td>56.22</td><td>-17.78</td><td>74.00</td><td>41.45</td><td>35.12</td><td>12.29</td><td>32.64</td><td>100</td><td>87</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg	1	5358.78	56.22	-17.78	74.00	41.45	35.12	12.29	32.64	100	87	Peak	VERTICAL	-
	Over	Limit	ReadAntenna	Cable Presamp	A/Poss	T/Poss	Remark	Pol/Phas																															
Freq	Level	Line	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg																																
1	5358.78	56.22	-17.78	74.00	41.45	35.12	12.29	32.64	100	87	Peak	VERTICAL																											
Avg.	Site Condition : 032004-KS : 5G BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000; 00000; VSW:3.01000; SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5351.40</td><td>45.54</td><td>-8.46</td><td>54.00</td><td>30.78</td><td>35.12</td><td>12.29</td><td>32.65</td><td>100</td><td>87</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Line	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg	1	5351.40	45.54	-8.46	54.00	30.78	35.12	12.29	32.65	100	87	Average	VERTICAL	-
Over	Limit	ReadAntenna	Cable Presamp	A/Poss	T/Poss	Remark	Pol/Phas																																
Freq	Level	Line	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg																																
1	5351.40	45.54	-8.46	54.00	30.78	35.12	12.29	32.65	100	87	Average	VERTICAL																											



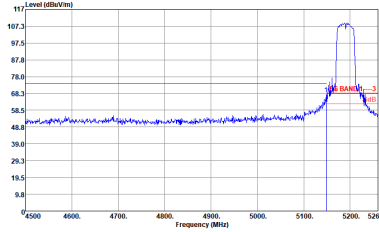
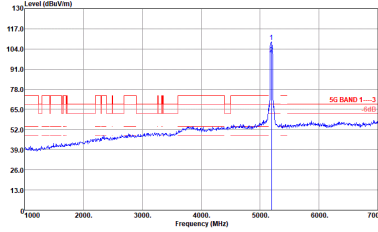
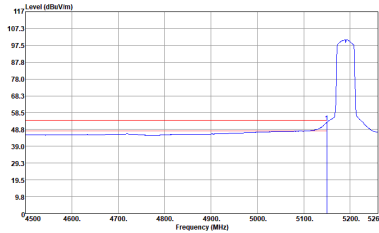
WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																						
ANT	802.11ac VHT20 CH48 5240MHz																																																																																						
1+2	Horizontal	Fundamental																																																																																					
Peak	 Site Condition : 030904-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5352.30</td><td>56.61</td><td>-17.39</td><td>74.00</td><td>41.55</td><td>35.42</td><td>12.29</td><td>32.65</td><td>230</td><td>335</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5352.30	56.61	-17.39	74.00	41.55	35.42	12.29	32.65	230	335	Peak	HORIZONTAL	 Site Condition : 030904-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5242.00</td><td>118.79</td><td>-----</td><td>102.97</td><td>35.34</td><td>12.17</td><td>32.69</td><td>230</td><td>335</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>5242.00</td><td>111.57</td><td>-----</td><td>96.75</td><td>35.34</td><td>12.17</td><td>32.69</td><td>230</td><td>335</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5242.00	118.79	-----	102.97	35.34	12.17	32.69	230	335	Peak	HORIZONTAL	2	5242.00	111.57	-----	96.75	35.34	12.17	32.69	230	335	Average	HORIZONTAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																															
Freq	Level	Limit	Level Factor	Loss Factor																																																																																			
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																																
1	5352.30	56.61	-17.39	74.00	41.55	35.42	12.29	32.65	230	335	Peak	HORIZONTAL																																																																											
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																
Freq	Level	Limit	Level Factor	Loss Factor																																																																																			
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																																
1	5242.00	118.79	-----	102.97	35.34	12.17	32.69	230	335	Peak	HORIZONTAL																																																																												
2	5242.00	111.57	-----	96.75	35.34	12.17	32.69	230	335	Average	HORIZONTAL																																																																												
Avg.	 Site Condition : 030904-KS : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VBW:0.0100kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5352.12</td><td>47.49</td><td>-6.51</td><td>54.00</td><td>32.43</td><td>35.42</td><td>12.29</td><td>32.65</td><td>230</td><td>335</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5352.12	47.49	-6.51	54.00	32.43	35.42	12.29	32.65	230	335	Average	HORIZONTAL	-																																																
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																															
Freq	Level	Limit	Level Factor	Loss Factor																																																																																			
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																																
1	5352.12	47.49	-6.51	54.00	32.43	35.42	12.29	32.65	230	335	Average	HORIZONTAL																																																																											



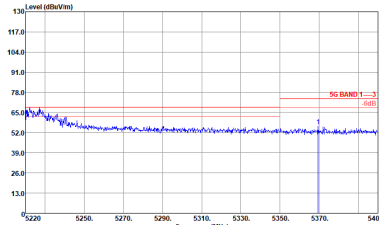
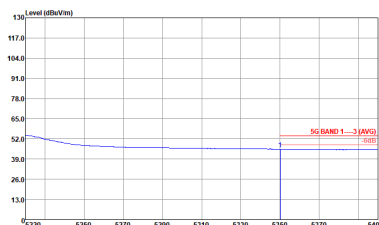
WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																							
ANT	802.11ac VHT20 CH48 5240MHz																																																																							
1+2	Vertical	Fundamental																																																																						
Peak	 Site Condition : 030906-KS : 5G BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>HeadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5362.56</td><td>56.02</td><td>-17.98</td><td>74.00</td><td>41.21</td><td>35.14</td><td>12.31</td><td>32.64</td><td>100</td><td>90 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBμV/m	dB	dBμV/m	dB	dB	cm	deg		1	5362.56	56.02	-17.98	74.00	41.21	35.14	12.31	32.64	100	90 Peak	VERTICAL	 Site Condition : 030906-KS : 5G BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>HeadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1 *</td><td>5236.00</td><td>113.20</td><td>-----</td><td>98.73</td><td>35.01</td><td>12.15</td><td>32.69</td><td>100</td><td>90 Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5236.00</td><td>156.67</td><td>-----</td><td>92.20</td><td>35.01</td><td>12.15</td><td>32.69</td><td>100</td><td>90 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBμV/m	dB	dBμV/m	dB	dB	cm	deg		1 *	5236.00	113.20	-----	98.73	35.01	12.15	32.69	100	90 Peak	VERTICAL	2	5236.00	156.67	-----	92.20	35.01	12.15	32.69	100	90 Average	VERTICAL
	Freq	Level	Over Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																															
MHz	dBμV/m	dB	dBμV/m	dB	dB	cm	deg																																																																	
1	5362.56	56.02	-17.98	74.00	41.21	35.14	12.31	32.64	100	90 Peak	VERTICAL																																																													
Freq	Level	Over Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																
MHz	dBμV/m	dB	dBμV/m	dB	dB	cm	deg																																																																	
1 *	5236.00	113.20	-----	98.73	35.01	12.15	32.69	100	90 Peak	VERTICAL																																																														
2	5236.00	156.67	-----	92.20	35.01	12.15	32.69	100	90 Average	VERTICAL																																																														
Avg.	 Site Condition : 030906-KS : 5G BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>HeadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr><tr><td>1</td><td>5362.30</td><td>45.84</td><td>-8.16</td><td>54.00</td><td>31.08</td><td>35.12</td><td>12.29</td><td>32.65</td><td>100</td><td>90 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBμV/m	dB	dBμV/m	dB	dB	cm	deg		1	5362.30	45.84	-8.16	54.00	31.08	35.12	12.29	32.65	100	90 Average	VERTICAL	-																																								
Freq	Level	Over Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																
MHz	dBμV/m	dB	dBμV/m	dB	dB	cm	deg																																																																	
1	5362.30	45.84	-8.16	54.00	31.08	35.12	12.29	32.65	100	90 Average	VERTICAL																																																													



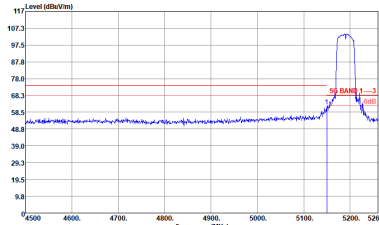
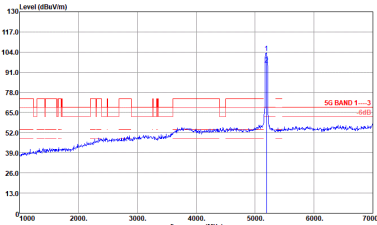
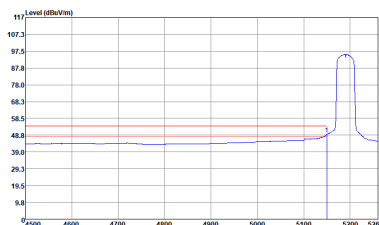
Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																	
ANT	802.11ac VHT40 CH38 5190MHz - L																																																																	
1+2	Horizontal	Fundamental																																																																
Peak	 Site Condition : 030906-KS : 5G BAND 1-----3 3e 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 5148.80</td><td>67.69</td><td>-6.31</td><td>74.00</td><td>53.10</td><td>35.29</td><td>12.02</td><td>32.72</td><td>100 333 Peak</td><td>HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 5148.80	67.69	-6.31	74.00	53.10	35.29	12.02	32.72	100 333 Peak	HORIZONTAL	 Site Condition : 030906-KS : 5G BAND 1-----3 3e 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 * 5194.00</td><td>108.48</td><td>-----</td><td>93.76</td><td>35.31</td><td>12.11</td><td>32.70</td><td>100 333 Peak</td><td>HORIZONTAL</td></tr><tr><td>2 5194.00</td><td>100.76</td><td>-----</td><td>86.04</td><td>35.31</td><td>12.11</td><td>32.70</td><td>100 333 Average</td><td>HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 * 5194.00	108.48	-----	93.76	35.31	12.11	32.70	100 333 Peak	HORIZONTAL	2 5194.00	100.76	-----	86.04	35.31	12.11	32.70	100 333 Average	HORIZONTAL
	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																											
1 5148.80	67.69	-6.31	74.00	53.10	35.29	12.02	32.72	100 333 Peak	HORIZONTAL																																																									
Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																											
1 * 5194.00	108.48	-----	93.76	35.31	12.11	32.70	100 333 Peak	HORIZONTAL																																																										
2 5194.00	100.76	-----	86.04	35.31	12.11	32.70	100 333 Average	HORIZONTAL																																																										
Avg.	 Site Condition : 030906-KS : 5G BAND 1-----3 (Ave) 3e 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 5149.98</td><td>52.93</td><td>-1.07</td><td>54.00</td><td>38.34</td><td>35.29</td><td>12.02</td><td>32.72</td><td>100 333 Average</td><td>HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg		1 5149.98	52.93	-1.07	54.00	38.34	35.29	12.02	32.72	100 333 Average	HORIZONTAL	-																																				
Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																											
1 5149.98	52.93	-1.07	54.00	38.34	35.29	12.02	32.72	100 333 Average	HORIZONTAL																																																									

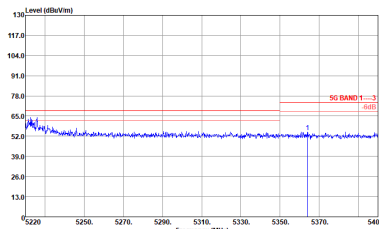
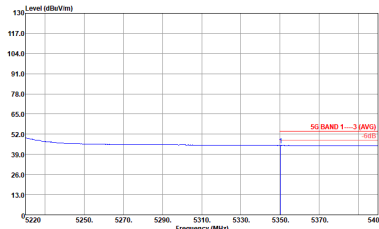


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																						
ANT	802.11ac VHT40 CH38 5190MHz - R																																						
1+2	Horizontal	Fundamental																																					
Peak	 Site Condition : 030904-KS : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5350.40</td><td>55.97</td><td>-18.03</td><td>74.00</td><td>40.87</td><td>35.43</td><td>12.31</td><td>32.04</td><td>100</td><td>333</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5350.40	55.97	-18.03	74.00	40.87	35.43	12.31	32.04	100	333	Peak	HORIZONTAL	-
	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Limit	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																
1	5350.40	55.97	-18.03	74.00	40.87	35.43	12.31	32.04	100	333	Peak	HORIZONTAL																											
Avg.	 Site Condition : 030904-KS : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5350.14</td><td>45.42</td><td>-8.58</td><td>54.00</td><td>30.36</td><td>35.42</td><td>12.29</td><td>32.65</td><td>100</td><td>333</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5350.14	45.42	-8.58	54.00	30.36	35.42	12.29	32.65	100	333	Average	HORIZONTAL	-
Over	Limit	ReadAntenna	Cable Presamp	A/Pos	T/Pos	Remark	Pol/Phas																																
Freq	Level	Limit	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																
1	5350.14	45.42	-8.58	54.00	30.36	35.42	12.29	32.65	100	333	Average	HORIZONTAL																											

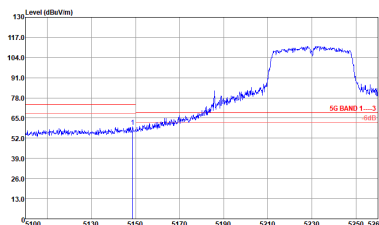
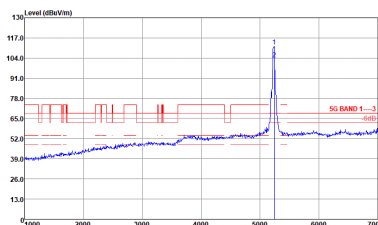
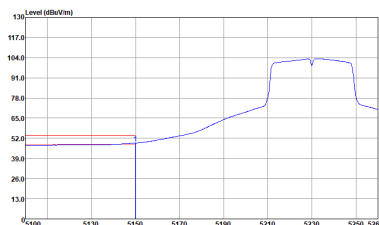


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																
ANT	802.11ac VHT40 CH38 5190MHz - L																																																																																
1+2	Vertical	Fundamental																																																																															
Peak	 Site Condition : 032000-KS : 5G BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.00000Hz VSW:3000.00000Hz SRT:Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 5149.92</td><td>61.89</td><td>-12.11</td><td>74.00</td><td>47.66</td><td>34.93</td><td>12.02</td><td>32.72</td><td>316 326 Peak VERTICAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor			MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg		1 5149.92	61.89	-12.11	74.00	47.66	34.93	12.02	32.72	316 326 Peak VERTICAL	 Site Condition : 032000-KS : 5G BAND 1---3 3m 3117 SN 75957 VERTICAL : RBW:1000.00000Hz VSW:3000.00000Hz SRT:Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 * 5194.00</td><td>103.59</td><td>-----</td><td>89.20</td><td>34.98</td><td>12.11</td><td>32.70</td><td>316 326 Peak VERTICAL</td></tr><tr><td>2 5194.00</td><td>94.01</td><td>-----</td><td>81.62</td><td>34.98</td><td>12.11</td><td>32.70</td><td>316 326 Average VERTICAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor			MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg		1 * 5194.00	103.59	-----	89.20	34.98	12.11	32.70	316 326 Peak VERTICAL	2 5194.00	94.01	-----	81.62	34.98	12.11	32.70	316 326 Average VERTICAL
		Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																																								
Freq	Level	Limit	Level	Factor	Loss	Factor																																																																											
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg																																																																										
1 5149.92	61.89	-12.11	74.00	47.66	34.93	12.02	32.72	316 326 Peak VERTICAL																																																																									
	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																																									
Freq	Level	Limit	Level	Factor	Loss	Factor																																																																											
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg																																																																										
1 * 5194.00	103.59	-----	89.20	34.98	12.11	32.70	316 326 Peak VERTICAL																																																																										
2 5194.00	94.01	-----	81.62	34.98	12.11	32.70	316 326 Average VERTICAL																																																																										
Avg.	 Site Condition : 032000-KS : 5G BAND 1---3 (AVG) 3m 3117 SN 75957 VERTICAL : RBW:1000.00000Hz VSW:3.01000Hz SRT:Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 5149.98</td><td>49.19</td><td>-4.81</td><td>54.00</td><td>34.96</td><td>34.93</td><td>12.02</td><td>32.72</td><td>316 326 Average VERTICAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor			MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg		1 5149.98	49.19	-4.81	54.00	34.96	34.93	12.02	32.72	316 326 Average VERTICAL	-																																											
	Over	Limit	ReadAntenna	Cable Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																																									
Freq	Level	Limit	Level	Factor	Loss	Factor																																																																											
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg																																																																										
1 5149.98	49.19	-4.81	54.00	34.96	34.93	12.02	32.72	316 326 Average VERTICAL																																																																									

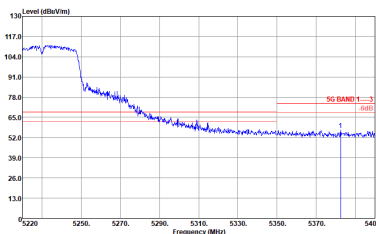
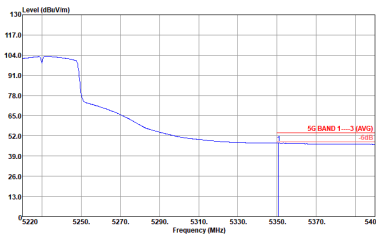


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																	
ANT	802.11ac VHT40 CH38 5190MHz - R																																	
1+2	Vertical	Fundamental																																
Peak	 Site : 030904-KS Condition : SG BAND 1---3 3a 3117 SN 75957 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dB</th><th>dB</th><th>dB</th><th>on deg</th></tr><tr><td>1 5364.00</td><td>54.78 -19.22</td><td>74.00</td><td>39.97</td><td>35.14</td><td>12.31</td><td>32.64</td><td>316 326 Peak VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBμV/m	dB	dBμV/m	dB	dB	dB	on deg	1 5364.00	54.78 -19.22	74.00	39.97	35.14	12.31	32.64	316 326 Peak VERTICAL	-
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																										
Freq	Level	Limit	Level	Factor	Loss	Factor																												
MHz	dBμV/m	dB	dBμV/m	dB	dB	dB	on deg																											
1 5364.00	54.78 -19.22	74.00	39.97	35.14	12.31	32.64	316 326 Peak VERTICAL																											
Avg.	 Site : 030904-KS Condition : SG BAND 1---3 (AVG) 3a 3117 SN 75957 VERTICAL : RBW:1000.0000Hz VBW:0.0100Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBμV/m</th><th>dB</th><th>dBμV/m</th><th>dB</th><th>dB</th><th>dB</th><th>on deg</th></tr><tr><td>1 5350.32</td><td>44.78 -9.22</td><td>54.00</td><td>30.02</td><td>35.12</td><td>12.29</td><td>32.65</td><td>316 326 Average VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBμV/m	dB	dBμV/m	dB	dB	dB	on deg	1 5350.32	44.78 -9.22	54.00	30.02	35.12	12.29	32.65	316 326 Average VERTICAL	-
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																											
Freq	Level	Limit	Level	Factor	Loss	Factor																												
MHz	dBμV/m	dB	dBμV/m	dB	dB	dB	on deg																											
1 5350.32	44.78 -9.22	54.00	30.02	35.12	12.29	32.65	316 326 Average VERTICAL																											

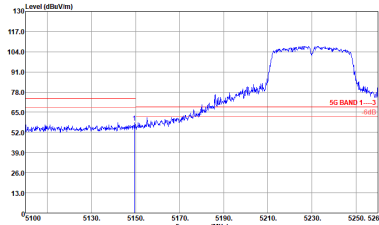
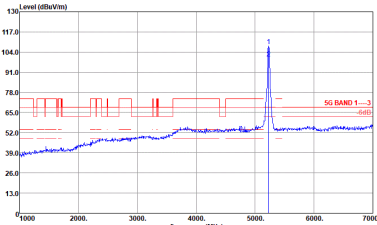
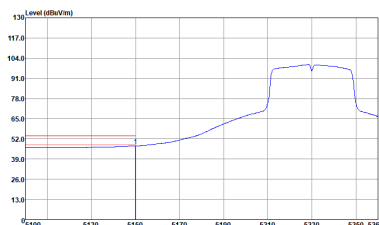


WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																
ANT	802.11ac VHT40 CH46 5230MHz - L																																																																																
1+2	Horizontal	Fundamental																																																																															
Peak	 Site Condition : 030904-KS : SG BAND 1 ---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VSW:3000.0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 5148.64</td><td>59.23</td><td>-14.77</td><td>74.00</td><td>44.64</td><td>35.29</td><td>12.02</td><td>32.72</td><td>204</td><td>334 Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	1 5148.64	59.23	-14.77	74.00	44.64	35.29	12.02	32.72	204	334 Peak	HORIZONTAL	 Site Condition : 030904-KS : SG BAND 1 ---3 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VSW:3000.0000Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 * 5242.00</td><td>111.50</td><td>-----</td><td>96.68</td><td>35.34</td><td>12.17</td><td>32.69</td><td>204</td><td>334 Peak</td><td>HORIZONTAL</td></tr><tr><td>2 5242.00</td><td>103.31</td><td>-----</td><td>88.49</td><td>35.34</td><td>12.17</td><td>32.69</td><td>204</td><td>334 Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	1 * 5242.00	111.50	-----	96.68	35.34	12.17	32.69	204	334 Peak	HORIZONTAL	2 5242.00	103.31	-----	88.49	35.34	12.17	32.69	204	334 Average	HORIZONTAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																									
Freq	Level	Limit	Level Factor	Loss Factor																																																																													
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB																																																																										
1 5148.64	59.23	-14.77	74.00	44.64	35.29	12.02	32.72	204	334 Peak	HORIZONTAL																																																																							
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																										
Freq	Level	Limit	Level Factor	Loss Factor																																																																													
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB																																																																										
1 * 5242.00	111.50	-----	96.68	35.34	12.17	32.69	204	334 Peak	HORIZONTAL																																																																								
2 5242.00	103.31	-----	88.49	35.34	12.17	32.69	204	334 Average	HORIZONTAL																																																																								
Avg.	 Site Condition : 030904-KS : SG BAND 1 ---3 (AVG) 3m 3117 SN 75957 HORIZONTAL : RBW:1000.0000Hz VSW:0.0100Hz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>dB</th><th>dB</th></tr><tr><td>1 5149.98</td><td>48.99</td><td>-5.01</td><td>54.00</td><td>34.40</td><td>35.29</td><td>12.02</td><td>32.72</td><td>204</td><td>334 Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	1 5149.98	48.99	-5.01	54.00	34.40	35.29	12.02	32.72	204	334 Average	HORIZONTAL	-																																												
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																										
Freq	Level	Limit	Level Factor	Loss Factor																																																																													
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB																																																																										
1 5149.98	48.99	-5.01	54.00	34.40	35.29	12.02	32.72	204	334 Average	HORIZONTAL																																																																							



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																						
ANT	802.11ac VHT40 CH46 5230MHz - R																																						
1+2	Horizontal	Fundamental																																					
Peak	 Site : 030806-KS Condition : 5G BAND 1---3 3m 3117 SN 75957 HORIZONTAL RBW:1000, 0000Hz VSW:3000, 0000Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5382.54</td><td>56.85</td><td>-17.15</td><td>74.00</td><td>41.71</td><td>35.44</td><td>12.33</td><td>32.63</td><td>204</td><td>334</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pow	T/Pow	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg	1	5382.54	56.85	-17.15	74.00	41.71	35.44	12.33	32.63	204	334	Peak	HORIZONTAL	-
	Over	Limit	ReadAntenna	Cable Preamp	A/Pow	T/Pow	Remark	Pol/Phas																															
Freq	Level	Line	Level	Factor	Loss	Factor																																	
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg																																
1	5382.54	56.85	-17.15	74.00	41.71	35.44	12.33	32.63	204	334	Peak	HORIZONTAL																											
Avg.	 Site : 030806-KS Condition : 5G BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL RBW:1000, 0000Hz VSW:3, 0100Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pow</th><th>T/Pow</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5350.86</td><td>47.29</td><td>-6.71</td><td>54.00</td><td>32.23</td><td>35.42</td><td>12.29</td><td>32.65</td><td>204</td><td>334</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pow	T/Pow	Remark	Pol/Phas	Freq	Level	Line	Level	Factor	Loss	Factor		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg	1	5350.86	47.29	-6.71	54.00	32.23	35.42	12.29	32.65	204	334	Average	HORIZONTAL	-
Over	Limit	ReadAntenna	Cable Preamp	A/Pow	T/Pow	Remark	Pol/Phas																																
Freq	Level	Line	Level	Factor	Loss	Factor																																	
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	deg																																
1	5350.86	47.29	-6.71	54.00	32.23	35.42	12.29	32.65	204	334	Average	HORIZONTAL																											



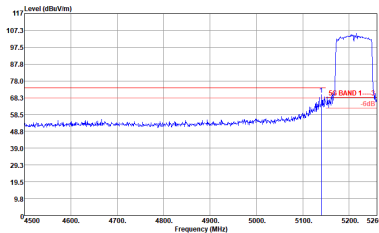
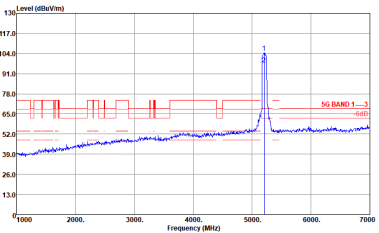
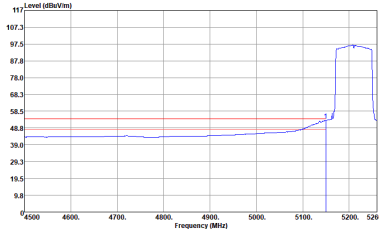
WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																				
ANT	802.11ac VHT40 CH46 5230MHz - L																																																																																				
1+2	Vertical	Fundamental																																																																																			
Peak	 Site Condition : 030904-KS : 5G BAND 1---3 3m 2117 SN 75957 VERTICAL : RBW:1000; VBW:3000; 000000; SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>5149.60</td><td>58.47</td><td>-15.53</td><td>74.00</td><td>44.24</td><td>34.93</td><td>12.02</td><td>32.72</td><td>207</td><td>345</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm deg	1	5149.60	58.47	-15.53	74.00	44.24	34.93	12.02	32.72	207	345	Peak	VERTICAL	 Site Condition : 030904-KS : 5G BAND 1---3 3m 2117 SN 75957 VERTICAL : RBW:1000; VBW:3000; 000000; SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>5230.00</td><td>107.73</td><td>83.16</td><td>25.01</td><td>12.15</td><td>32.69</td><td>207</td><td>345</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>5230.00</td><td>99.82</td><td>85.35</td><td>25.01</td><td>12.15</td><td>32.69</td><td>207</td><td>345</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm deg	1	5230.00	107.73	83.16	25.01	12.15	32.69	207	345	Peak	VERTICAL	2	5230.00	99.82	85.35	25.01	12.15	32.69	207	345	Average	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																													
Freq	Level	Limit	Level	Factor	Loss	Factor																																																																															
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm deg																																																																														
1	5149.60	58.47	-15.53	74.00	44.24	34.93	12.02	32.72	207	345	Peak	VERTICAL																																																																									
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																														
Freq	Level	Limit	Level	Factor	Loss	Factor																																																																															
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm deg																																																																														
1	5230.00	107.73	83.16	25.01	12.15	32.69	207	345	Peak	VERTICAL																																																																											
2	5230.00	99.82	85.35	25.01	12.15	32.69	207	345	Average	VERTICAL																																																																											
Avg.	 Site Condition : 030904-KS : 5G BAND 1---3 (AVG) 3m 2117 SN 75957 VERTICAL : RBW:1000; VBW:0.010000; SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm deg</th></tr><tr><td>1</td><td>5149.98</td><td>47.48</td><td>-6.52</td><td>54.00</td><td>33.25</td><td>34.93</td><td>12.02</td><td>32.72</td><td>207</td><td>345</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm deg	1	5149.98	47.48	-6.52	54.00	33.25	34.93	12.02	32.72	207	345	Average	VERTICAL	-																																														
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																														
Freq	Level	Limit	Level	Factor	Loss	Factor																																																																															
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm deg																																																																														
1	5149.98	47.48	-6.52	54.00	33.25	34.93	12.02	32.72	207	345	Average	VERTICAL																																																																									



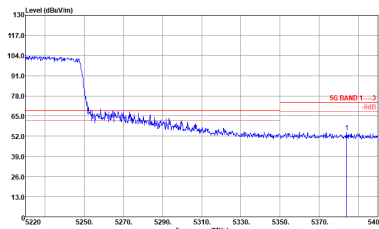
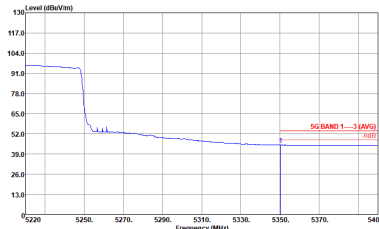
WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																						
ANT	802.11ac VHT40 CH46 5230MHz - R																																						
1+2	Vertical	Fundamental																																					
Peak	Site Condition : 030906-KS : 5G BAND 1 ---3 3m 2117 SN 75957 VERTICAL : RBW:1000; 000kHz VSW:3000; 000kHz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5362.56</td><td>55.28</td><td>-18.72</td><td>74.00</td><td>40.47</td><td>35.14</td><td>12.31</td><td>32.04</td><td>207</td><td>345</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5362.56	55.28	-18.72	74.00	40.47	35.14	12.31	32.04	207	345	Peak	VERTICAL	-
	Over	Limit	ReadAntenna	Cable Presamp	A/Poss	T/Poss	Remark	Pol/Phas																															
Freq	Level	Limit	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																
1	5362.56	55.28	-18.72	74.00	40.47	35.14	12.31	32.04	207	345	Peak	VERTICAL																											
Avg.	Site Condition : 030906-KS : 5G BAND 1 ---3 (AVG) 3m 2117 SN 75957 VERTICAL : RBW:1000; 000kHz VSW:3000; 0.010kHz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Presamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5351.58</td><td>45.22</td><td>-8.78</td><td>54.00</td><td>30.46</td><td>35.12</td><td>12.29</td><td>32.65</td><td>207</td><td>345</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Presamp	A/Poss	T/Poss	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1	5351.58	45.22	-8.78	54.00	30.46	35.12	12.29	32.65	207	345	Average	VERTICAL	-
	Over	Limit	ReadAntenna	Cable Presamp	A/Poss	T/Poss	Remark	Pol/Phas																															
Freq	Level	Limit	Level Factor	Loss Factor																																			
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																
1	5351.58	45.22	-8.78	54.00	30.46	35.12	12.29	32.65	207	345	Average	VERTICAL																											



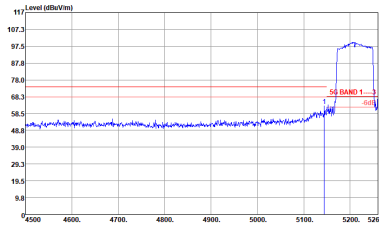
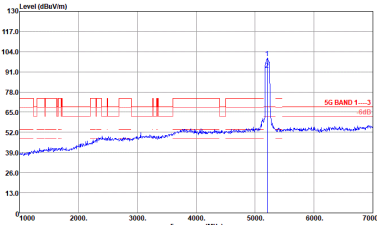
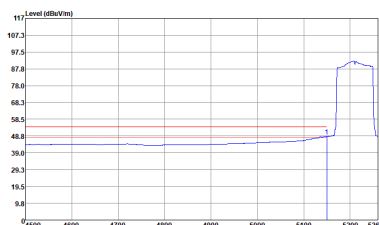
Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																													
ANT	802.11ac VHT80 CH42 5210MHz - L																																																																													
1+2	Horizontal	Fundamental																																																																												
Peak	 Site : 030806-KS Condition : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL RBR:1000.000kHz VBR:3000.000kHz SRT:Auto <table><thead><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBV/m</th><th>dB</th><th>dBV/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 5140.16</td><td>70.20</td><td>-3.80</td><td>74.00</td><td>55.63</td><td>35.28</td><td>12.02</td><td>32.73</td><td>102</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr></tbody></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Line	Level Factor	Loss Factor				MHz	dBV/m	dB	dBV/m	dB	cm	deg	1 5140.16	70.20	-3.80	74.00	55.63	35.28	12.02	32.73	102	330	Peak	HORIZONTAL	 Site : 030806-KS Condition : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL RBR:1000.000kHz VBR:3000.000kHz SRT:Auto <table><thead><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBV/m</th><th>dB</th><th>dBV/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 * 5206.00</td><td>104.54</td><td>-----</td><td>89.81</td><td>35.32</td><td>12.11</td><td>32.70</td><td>102</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2 5206.00</td><td>76.90</td><td>-----</td><td>82.17</td><td>35.32</td><td>12.11</td><td>32.70</td><td>102</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></tbody></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Line	Level Factor	Loss Factor				MHz	dBV/m	dB	dBV/m	dB	cm	deg	1 * 5206.00	104.54	-----	89.81	35.32	12.11	32.70	102	330	Peak	HORIZONTAL	2 5206.00	76.90	-----	82.17	35.32	12.11	32.70	102	330	Average	HORIZONTAL
	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																							
Freq Level	Line	Level Factor	Loss Factor																																																																											
MHz	dBV/m	dB	dBV/m	dB	cm	deg																																																																								
1 5140.16	70.20	-3.80	74.00	55.63	35.28	12.02	32.73	102	330	Peak	HORIZONTAL																																																																			
Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																								
Freq Level	Line	Level Factor	Loss Factor																																																																											
MHz	dBV/m	dB	dBV/m	dB	cm	deg																																																																								
1 * 5206.00	104.54	-----	89.81	35.32	12.11	32.70	102	330	Peak	HORIZONTAL																																																																				
2 5206.00	76.90	-----	82.17	35.32	12.11	32.70	102	330	Average	HORIZONTAL																																																																				
Avg.	 Site : 030806-KS Condition : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL RBR:1000.000kHz VBR:0.0100kHz SRT:Auto <table><thead><tr><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBV/m</th><th>dB</th><th>dBV/m</th><th>dB</th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1 5149.92</td><td>53.24</td><td>-0.76</td><td>54.00</td><td>38.65</td><td>35.29</td><td>12.02</td><td>32.72</td><td>102</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></tbody></table>	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq Level	Line	Level Factor	Loss Factor				MHz	dBV/m	dB	dBV/m	dB	cm	deg	1 5149.92	53.24	-0.76	54.00	38.65	35.29	12.02	32.72	102	330	Average	HORIZONTAL	-																																											
Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																								
Freq Level	Line	Level Factor	Loss Factor																																																																											
MHz	dBV/m	dB	dBV/m	dB	cm	deg																																																																								
1 5149.92	53.24	-0.76	54.00	38.65	35.29	12.02	32.72	102	330	Average	HORIZONTAL																																																																			



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																						
ANT	802.11ac VHT80 CH42 5210MHz - R																																						
1+2	Horizontal	Fundamental																																					
Peak	 Site Condition : 032004-KS Condition : SG BAND 1---3 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBV/m</th><th>dB</th><th>dBV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5383.98</td><td>54.78</td><td>-19.22</td><td>74.00</td><td>39.64</td><td>35.44</td><td>12.33</td><td>32.63</td><td>102</td><td>330</td><td>Peak</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBV/m	dB	dBV/m	dB	dB	dB	deg	1	5383.98	54.78	-19.22	74.00	39.64	35.44	12.33	32.63	102	330	Peak	HORIZONTAL	-
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Limit	Level	Factor	Loss	Factor																																	
MHz	dBV/m	dB	dBV/m	dB	dB	dB	deg																																
1	5383.98	54.78	-19.22	74.00	39.64	35.44	12.33	32.63	102	330	Peak	HORIZONTAL																											
Avg.	 Site Condition : 032004-KS Condition : SG BAND 1---3 (AVG) 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBV/m</th><th>dB</th><th>dBV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5350.32</td><td>44.75</td><td>-9.25</td><td>54.00</td><td>29.69</td><td>35.42</td><td>12.29</td><td>32.65</td><td>102</td><td>330</td><td>Average</td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBV/m	dB	dBV/m	dB	dB	dB	deg	1	5350.32	44.75	-9.25	54.00	29.69	35.42	12.29	32.65	102	330	Average	HORIZONTAL	-
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																
Freq	Level	Limit	Level	Factor	Loss	Factor																																	
MHz	dBV/m	dB	dBV/m	dB	dB	dB	deg																																
1	5350.32	44.75	-9.25	54.00	29.69	35.42	12.29	32.65	102	330	Average	HORIZONTAL																											



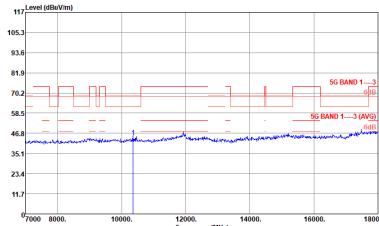
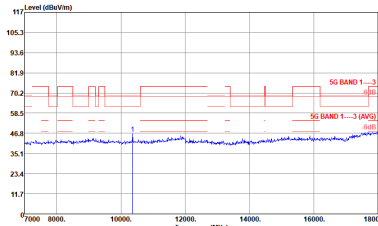
WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																																																																
ANT	802.11ac VHT80 CH42 5210MHz - L																																																																																
1+2	Vertical	Fundamental																																																																															
Peak	 Site : 020606-KS Condition : SG BAND 1-----3 3m 3117 SN 75957 VERTICAL RBW:1000.00000Hz VSB:3000.00000Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5144.32</td><td>62.75</td><td>-11.25</td><td>74.00</td><td>48.52</td><td>34.93</td><td>12.02</td><td>32.72</td><td>297</td><td>350 Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1 5144.32	62.75	-11.25	74.00	48.52	34.93	12.02	32.72	297	350 Peak	VERTICAL	 Site : 020606-KS Condition : SG BAND 1-----3 3m 3117 SN 75957 VERTICAL RBW:1000.00000Hz VSB:3000.00000Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 * 5206.00</td><td>99.97</td><td></td><td>85.58</td><td>34.98</td><td>12.11</td><td>32.70</td><td>297</td><td>350 Peak</td><td>VERTICAL</td></tr><tr><td>2 5206.00</td><td>92.37</td><td></td><td>77.98</td><td>34.98</td><td>12.11</td><td>32.70</td><td>297</td><td>350 Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1 * 5206.00	99.97		85.58	34.98	12.11	32.70	297	350 Peak	VERTICAL	2 5206.00	92.37		77.98	34.98	12.11	32.70	297	350 Average	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																									
Freq	Level	Limit	Level Factor	Loss Factor																																																																													
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																										
1 5144.32	62.75	-11.25	74.00	48.52	34.93	12.02	32.72	297	350 Peak	VERTICAL																																																																							
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																										
Freq	Level	Limit	Level Factor	Loss Factor																																																																													
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																										
1 * 5206.00	99.97		85.58	34.98	12.11	32.70	297	350 Peak	VERTICAL																																																																								
2 5206.00	92.37		77.98	34.98	12.11	32.70	297	350 Average	VERTICAL																																																																								
Avg.	 Site : 020606-KS Condition : SG BAND 1-----3 (AVG) 3m 3117 SN 75957 VERTICAL RBW:1000.00000Hz VSB:0.01000Hz SBT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 5149.98</td><td>48.57</td><td>-5.43</td><td>54.00</td><td>34.34</td><td>34.93</td><td>12.02</td><td>32.72</td><td>297</td><td>350 Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	1 5149.98	48.57	-5.43	54.00	34.34	34.93	12.02	32.72	297	350 Average	VERTICAL	-																																												
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																										
Freq	Level	Limit	Level Factor	Loss Factor																																																																													
MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg																																																																										
1 5149.98	48.57	-5.43	54.00	34.34	34.93	12.02	32.72	297	350 Average	VERTICAL																																																																							



WIFI	Band UNII 1 5150~5250MHz Band Edge @ 3m																																						
ANT	802.11ac VHT80 CH42 5210MHz - R																																						
1+2	Vertical	Fundamental																																					
Peak	Site Condition : 032004-KS : 5G BAND 1---3 : RBW:1000, 0000Hz VBR:3000, 0000Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBV/m</th><th>dB</th><th>dBV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5366.70</td><td>54.83</td><td>-19.17</td><td>74.00</td><td>40.02</td><td>35.14</td><td>12.31</td><td>32.64</td><td>297</td><td>350</td><td>Peak</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBV/m	dB	dBV/m	dB	dB	dB	deg	1	5366.70	54.83	-19.17	74.00	40.02	35.14	12.31	32.64	297	350	Peak	VERTICAL	-
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																															
Freq	Level	Limit	Level	Factor	Loss	Factor																																	
MHz	dBV/m	dB	dBV/m	dB	dB	dB	deg																																
1	5366.70	54.83	-19.17	74.00	40.02	35.14	12.31	32.64	297	350	Peak	VERTICAL																											
Avg.	Site Condition : 032004-KS : 5G BAND 1---3 (AVG) : RBW:1000, 0000Hz VBR:0, 01000Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th></th></tr><tr><th>MHz</th><th>dBV/m</th><th>dB</th><th>dBV/m</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>5358.60</td><td>44.17</td><td>-9.83</td><td>54.00</td><td>29.40</td><td>35.12</td><td>12.29</td><td>32.64</td><td>297</td><td>350</td><td>Average</td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level	Factor	Loss	Factor		MHz	dBV/m	dB	dBV/m	dB	dB	dB	deg	1	5358.60	44.17	-9.83	54.00	29.40	35.12	12.29	32.64	297	350	Average	VERTICAL	-
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																
Freq	Level	Limit	Level	Factor	Loss	Factor																																	
MHz	dBV/m	dB	dBV/m	dB	dB	dB	deg																																
1	5358.60	44.17	-9.83	54.00	29.40	35.12	12.29	32.64	297	350	Average	VERTICAL																											



Band UNII 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																																																	
ANT	802.11a CH36 5180MHz																																																																																																	
1+2	Horizontal	Vertical																																																																																																
Peak Avg.	 Site : 030904-KS Condition : SG BAND 1 --- 3 3m 3117.0M 75957 HORIZONTAL RES:1000; 0000Hz VSW:3000; 0000Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 10358.36</td><td>44.73</td><td>-23.57</td><td>68.30</td><td>50.73</td><td>38.09</td><td>18.02</td><td>62.61</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>300</td><td>0 Peak</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>HORIZONTAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	1 10358.36	44.73	-23.57	68.30	50.73	38.09	18.02	62.61							300	0 Peak								HORIZONTAL	 Site : 030904-KS Condition : SG BAND 1 --- 3 3m 3117.0M 75957 VERTICAL RES:1000; 0000Hz VSW:3000; 0000Hz SRT:Auto <table><tr><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>Freq</th><th>Level</th><th>Limit</th><th>Level Factor</th><th>Loss Factor</th><th></th><th></th><th></th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBuV</th><th>dB</th><th>cm</th><th>deg</th></tr><tr><td>1 10358.36</td><td>46.60</td><td>-21.70</td><td>68.30</td><td>53.43</td><td>37.76</td><td>18.02</td><td>62.61</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td>100</td><td>360 Peak</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>VERTICAL</td></tr></table>	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	Freq	Level	Limit	Level Factor	Loss Factor				MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg	1 10358.36	46.60	-21.70	68.30	53.43	37.76	18.02	62.61							100	360 Peak								VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																										
Freq	Level	Limit	Level Factor	Loss Factor																																																																																														
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg																																																																																											
1 10358.36	44.73	-23.57	68.30	50.73	38.09	18.02	62.61																																																																																											
						300	0 Peak																																																																																											
							HORIZONTAL																																																																																											
Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																											
Freq	Level	Limit	Level Factor	Loss Factor																																																																																														
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	cm	deg																																																																																											
1 10358.36	46.60	-21.70	68.30	53.43	37.76	18.02	62.61																																																																																											
						100	360 Peak																																																																																											
							VERTICAL																																																																																											



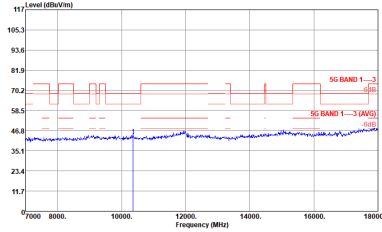
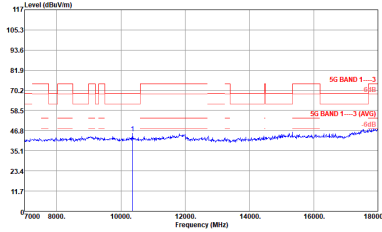
WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																													
ANT	802.11a CH44 5220MHz																																																													
1+2	Horizontal	Vertical																																																												
Peak	Site : 030800-KS Condition : 5G BAND 1-3 3m 2117.0M 75957 HORIZONTAL RBW:1000, 0000Hz VBR:3000, 0000Hz SMT:Auto <table><tr><th></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><th>Pol/Phas</th></tr><tr><th></th><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th>dB</th><th></th></tr><tr><td>1</td><td>10440.00</td><td>47.66</td><td>-20.64</td><td>68.30</td><td>53.60</td><td>38.63</td><td>18.09</td><td>62.66</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		Freq	Level	Line	Level Factor	Loss Factor		dB		1	10440.00	47.66	-20.64	68.30	53.60	38.63	18.09	62.66	300	0 Peak	HORIZONTAL	Site : 030800-KS Condition : 5G BAND 1-3 3m 2117.0M 75957 VERTICAL RBW:1000, 0000Hz VBR:3000, 0000Hz SMT:Auto <table><tr><th></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><th>Pol/Phas</th></tr><tr><th></th><th>Freq</th><th>Level</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th></th><th>dB</th><th></th></tr><tr><td>1</td><td>10440.00</td><td>45.77</td><td>-22.53</td><td>68.30</td><td>52.52</td><td>37.82</td><td>18.09</td><td>62.66</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table>		Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		Freq	Level	Line	Level Factor	Loss Factor		dB		1	10440.00	45.77	-22.53	68.30	52.52	37.82	18.09	62.66	100	360 Peak	VERTICAL
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																						
	Freq	Level	Line	Level Factor	Loss Factor		dB																																																							
1	10440.00	47.66	-20.64	68.30	53.60	38.63	18.09	62.66	300	0 Peak	HORIZONTAL																																																			
	Over	Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																						
	Freq	Level	Line	Level Factor	Loss Factor		dB																																																							
1	10440.00	45.77	-22.53	68.30	52.52	37.82	18.09	62.66	100	360 Peak	VERTICAL																																																			
Avg.																																																														



WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																			
ANT	802.11a CH48 5240MHz																																																																			
1+2	Horizontal	Vertical																																																																		
Peak Avg.	Site : 030800-KS Condition : 5G BAND 1-3 3m 2117.0M 75957 HORIZONTAL RBW:100K, 000KHz, VSW:3000, 000KHz, SMT:Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>10478.47</td><td>47.34</td><td>-20.96</td><td>68.30</td><td>53.24</td><td>38.65</td><td>18.14</td><td>62.69</td><td>300</td><td>0</td><td>Peak</td><td>HORIZONTAL</td></tr></table>		Over	Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		Freq	Level	Limit	Line	Level	Factor	Loss	Factor	dB	deg	1	10478.47	47.34	-20.96	68.30	53.24	38.65	18.14	62.69	300	0	Peak	HORIZONTAL	Site : 030800-KS Condition : 5G BAND 1-3 3m 2117.0M 75957 VERTICAL RBW:100K, 000KHz, VSW:3000, 000KHz, SMT:Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level</th><th>Factor</th><th>Loss</th><th>Factor</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>10478.47</td><td>45.92</td><td>-22.38</td><td>68.30</td><td>52.61</td><td>37.86</td><td>18.14</td><td>62.69</td><td>100</td><td>360</td><td>Peak</td><td>VERTICAL</td></tr></table>		Over	Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas		Freq	Level	Limit	Line	Level	Factor	Loss	Factor	dB	deg	1	10478.47	45.92	-22.38	68.30	52.61	37.86	18.14	62.69	100	360	Peak	VERTICAL
		Over	Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																											
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	dB	deg																																																										
1	10478.47	47.34	-20.96	68.30	53.24	38.65	18.14	62.69	300	0	Peak	HORIZONTAL																																																								
	Over	Limit	HeadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																												
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	dB	deg																																																										
1	10478.47	45.92	-22.38	68.30	52.61	37.86	18.14	62.69	100	360	Peak	VERTICAL																																																								



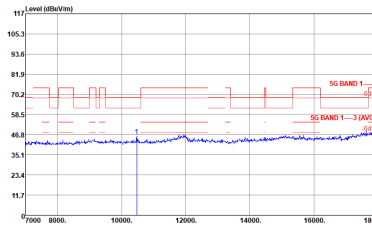
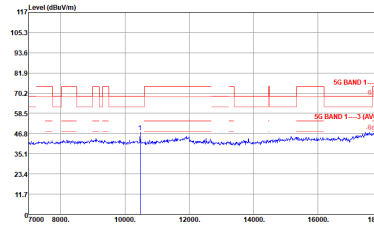
Band UNII 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																			
ANT	802.11n HT20 CH36 5180MHz																																																																			
1+2	Horizontal	Vertical																																																																		
Peak Avg.	<table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10358.36</td><td>43.62</td><td>-24.68</td><td>68.30</td><td>49.62</td><td>38.59</td><td>18.02</td><td>62.61</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Presamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 10358.36	43.62	-24.68	68.30	49.62	38.59	18.02	62.61	300	0 Peak	HORIZONTAL	<table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>ReadAntenna</th><th>Cable</th><th>Presamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10358.36</td><td>45.32</td><td>-22.98</td><td>68.30</td><td>52.15</td><td>37.76</td><td>18.02</td><td>62.61</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Presamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 10358.36	45.32	-22.98	68.30	52.15	37.76	18.02	62.61	100	360 Peak	VERTICAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Presamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																												
1 10358.36	43.62	-24.68	68.30	49.62	38.59	18.02	62.61	300	0 Peak	HORIZONTAL																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Presamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																												
1 10358.36	45.32	-22.98	68.30	52.15	37.76	18.02	62.61	100	360 Peak	VERTICAL																																																										



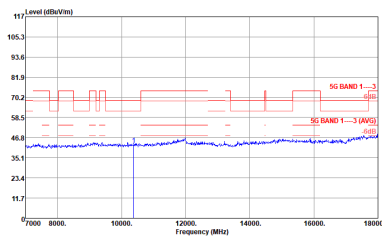
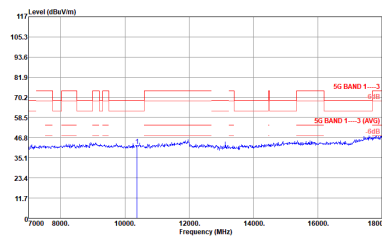
WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																	
ANT	802.11n HT20 CH44 5220MHz																																																																	
1+2	Horizontal	Vertical																																																																
Peak Avg.	Site Condition : 030900-KS : 5G BAND 1-3 @ 3m 3117.5M 759517 HORIZONTAL : RBW:1000.00000Hz VBW:3000.00000Hz SMT:Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>10438.44</td><td>46.50</td><td>-21.80</td><td>68.30</td><td>52.44</td><td>38.63</td><td>18.09</td><td>62.66</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>		Over	Limit	HeadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Pol/Phas		Freq	Level	Limit	Line	Level Factor	Loss Factor	dB	dB	deg	1	10438.44	46.50	-21.80	68.30	52.44	38.63	18.09	62.66	300	0 Peak	HORIZONTAL	Site Condition : 030900-KS : 5G BAND 1-3 @ 3m 3117.5M 759517 VERTICAL : RBW:1000.00000Hz VBW:3000.00000Hz SMT:Auto <table><tr><th></th><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Loss Factor</th><th>dB</th><th>dB</th><th>deg</th></tr><tr><td>1</td><td>10438.44</td><td>45.76</td><td>-22.54</td><td>68.30</td><td>52.51</td><td>37.82</td><td>18.09</td><td>62.66</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table>		Over	Limit	HeadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Pol/Phas		Freq	Level	Limit	Line	Level Factor	Loss Factor	dB	dB	deg	1	10438.44	45.76	-22.54	68.30	52.51	37.82	18.09	62.66	100	360 Peak	VERTICAL
		Over	Limit	HeadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																								
	Freq	Level	Limit	Line	Level Factor	Loss Factor	dB	dB	deg																																																									
1	10438.44	46.50	-21.80	68.30	52.44	38.63	18.09	62.66	300	0 Peak	HORIZONTAL																																																							
	Over	Limit	HeadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																									
	Freq	Level	Limit	Line	Level Factor	Loss Factor	dB	dB	deg																																																									
1	10438.44	45.76	-22.54	68.30	52.51	37.82	18.09	62.66	100	360 Peak	VERTICAL																																																							



WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																					
ANT	802.11n HT20 CH48 5240MHz																																																																					
1+2	Horizontal	Vertical																																																																				
Peak Avg.	 Site Condition : 030900-KS : 5G BAND 1-3 @ 3117.0M 75957 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Cable Loss Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1</td><td>10478.47</td><td>46.02</td><td>-22.29</td><td>68.30</td><td>51.92</td><td>38.65</td><td>18.14</td><td>62.69</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>		Freq	Level	Limit	Line	Level Factor	Cable Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	dB	dB	deg		1	10478.47	46.02	-22.29	68.30	51.92	38.65	18.14	62.69	300	0 Peak	HORIZONTAL	 Site Condition : 030900-KS : 5G BAND 1-3 @ 3117.0M 75957 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th></th><th>Freq</th><th>Level</th><th>Limit</th><th>Line</th><th>Level Factor</th><th>Cable Loss Factor</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBm/100kHz</th><th>dB</th><th>dBm/100kHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1</td><td>10478.47</td><td>47.74</td><td>-20.56</td><td>68.30</td><td>54.43</td><td>37.86</td><td>18.14</td><td>62.69</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table>		Freq	Level	Limit	Line	Level Factor	Cable Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	dB	dB	deg		1	10478.47	47.74	-20.56	68.30	54.43	37.86	18.14	62.69	100	360 Peak	VERTICAL
		Freq	Level	Limit	Line	Level Factor	Cable Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																											
	MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	dB	dB	deg																																																													
1	10478.47	46.02	-22.29	68.30	51.92	38.65	18.14	62.69	300	0 Peak	HORIZONTAL																																																											
	Freq	Level	Limit	Line	Level Factor	Cable Loss Factor	A/Pos	T/Pos	Remark	Pol/Phas																																																												
	MHz	dBm/100kHz	dB	dBm/100kHz	dB	dB	dB	dB	deg																																																													
1	10478.47	47.74	-20.56	68.30	54.43	37.86	18.14	62.69	100	360 Peak	VERTICAL																																																											



Band UNII 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

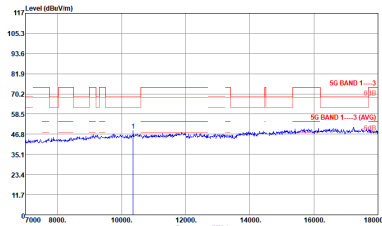
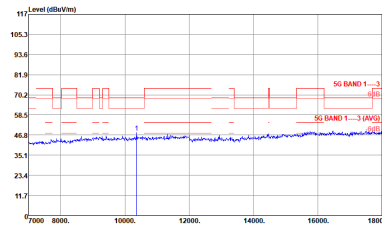
WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																			
ANT	802.11n HT40 CH38 5190MHz																																																																			
1+2	Horizontal	Vertical																																																																		
Peak Avg.	 Site : 020004-K3 Condition : 5G BAND 1-3 3m 3117 SN 75957 HORIZONTAL RBW: 1000.000kHz VBW: 3000.000kHz SFT: Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10378.38</td><td>42.72</td><td>-25.58</td><td>68.30</td><td>48.70</td><td>38.60</td><td>18.05</td><td>62.63</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 10378.38	42.72	-25.58	68.30	48.70	38.60	18.05	62.63	300	0 Peak	HORIZONTAL	 Site : 020004-K3 Condition : 5G BAND 1-3 3m 3117 SN 75957 VERTICAL RBW: 1000.000kHz VBW: 3000.000kHz SFT: Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10378.38</td><td>41.88</td><td>-26.42</td><td>68.30</td><td>48.68</td><td>37.78</td><td>18.05</td><td>62.63</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 10378.38	41.88	-26.42	68.30	48.68	37.78	18.05	62.63	100	360 Peak	VERTICAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																												
1 10378.38	42.72	-25.58	68.30	48.70	38.60	18.05	62.63	300	0 Peak	HORIZONTAL																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																												
1 10378.38	41.88	-26.42	68.30	48.68	37.78	18.05	62.63	100	360 Peak	VERTICAL																																																										



WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																			
ANT	802.11n HT40 CH46 5230MHz																																																																			
1+2	Horizontal	Vertical																																																																		
Peak Avg.	Site : 030900-KS Condition : 5G BAND 1-3 @ 2117.0M 75501 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poa</th><th>T/Poa</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 10460.00</td><td>42.60</td><td>-25.70</td><td>68.30</td><td>48.51</td><td>38.65</td><td>18.11</td><td>62.67</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	HeadAntenna	Cable	Preamp	A/Poa	T/Poa	Remark	Pol/Phas	MHz	dBm/100MHz	dB	dBm/100MHz	dB	dB	dB	dB	dB	deg		1 10460.00	42.60	-25.70	68.30	48.51	38.65	18.11	62.67	300	0 Peak	HORIZONTAL	Site : 030900-KS Condition : 5G BAND 1-3 @ 2117.0M 75501 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over</th><th>Limit</th><th>HeadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poa</th><th>T/Poa</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>dB</th><th>deg</th><th></th></tr><tr><td>1 10460.00</td><td>43.80</td><td>-24.50</td><td>68.30</td><td>50.53</td><td>37.83</td><td>18.11</td><td>62.67</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	HeadAntenna	Cable	Preamp	A/Poa	T/Poa	Remark	Pol/Phas	MHz	dBm/100MHz	dB	dBm/100MHz	dB	dB	dB	dB	dB	deg		1 10460.00	43.80	-24.50	68.30	50.53	37.83	18.11	62.67	100	360 Peak	VERTICAL
	Freq	Level	Over	Limit	HeadAntenna	Cable	Preamp	A/Poa	T/Poa	Remark	Pol/Phas																																																									
MHz	dBm/100MHz	dB	dBm/100MHz	dB	dB	dB	dB	dB	deg																																																											
1 10460.00	42.60	-25.70	68.30	48.51	38.65	18.11	62.67	300	0 Peak	HORIZONTAL																																																										
Freq	Level	Over	Limit	HeadAntenna	Cable	Preamp	A/Poa	T/Poa	Remark	Pol/Phas																																																										
MHz	dBm/100MHz	dB	dBm/100MHz	dB	dB	dB	dB	dB	deg																																																											
1 10460.00	43.80	-24.50	68.30	50.53	37.83	18.11	62.67	100	360 Peak	VERTICAL																																																										



WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																			
ANT	802.11ac VHT20 CH36 5180MHz																																																																			
1+2	Horizontal	Vertical																																																																		
Peak	 Site : C02000-RS Condition : 5G BAND 1-3 3m 3117 SN 75957 HORIZONTAL RSM: 1000.000kHz YBR: 3000.000kHz SWT: Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10358.36</td><td>48.92</td><td>-19.38</td><td>68.30</td><td>52.88</td><td>38.59</td><td>18.02</td><td>60.57</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 10358.36	48.92	-19.38	68.30	52.88	38.59	18.02	60.57	300	0 Peak	HORIZONTAL	 Site : C02000-RS Condition : 5G BAND 1-3 3m 3117 SN 75957 VERTICAL RSM: 1000.000kHz YBR: 3000.000kHz SWT: Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10358.36</td><td>48.26</td><td>-20.04</td><td>68.30</td><td>53.05</td><td>37.76</td><td>18.02</td><td>60.57</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 10358.36	48.26	-20.04	68.30	53.05	37.76	18.02	60.57	100	360 Peak	VERTICAL
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																												
1 10358.36	48.92	-19.38	68.30	52.88	38.59	18.02	60.57	300	0 Peak	HORIZONTAL																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																												
1 10358.36	48.26	-20.04	68.30	53.05	37.76	18.02	60.57	100	360 Peak	VERTICAL																																																										
Avg.																																																																				



WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																							
ANT	802.11ac VHT20 CH44 5220MHz																																																							
1+2	Horizontal	Vertical																																																						
Peak Avg.	Site : 030806-KS Condition : 5G BAND 1----3 3e 3117 5N 70957 HORIZONTAL RBR 1000, CDRNG, VSW 3000, CDRNG, SPT Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Factor</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 10438.44</td><td>53.15 -15.15</td><td>68.30</td><td>57.00</td><td>38.63</td><td>18.09</td><td>60.57</td><td>300</td><td>0 Peak HORIZONTAL</td></tr></tbody></table>	Freq	Level	Over Limit	ReadAntenna	Cable Factor	A/Poss	T/Poss	Remark	Pol/Phas	MHz	dBm/100MHz	dB	dBm/100MHz	dB	dB	cm	deg		1 10438.44	53.15 -15.15	68.30	57.00	38.63	18.09	60.57	300	0 Peak HORIZONTAL	Site : 030806-KS Condition : 5G BAND 1----3 3e 3117 5N 70957 VERTICAL RBR 1000, CDRNG, VSW 3000, CDRNG, SPT Auto <table><thead><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Factor</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th></tr></thead><tbody><tr><td>1 10438.44</td><td>49.03 -19.27</td><td>68.30</td><td>53.69</td><td>37.82</td><td>18.09</td><td>60.57</td><td>100</td><td>300 Peak VERTICAL</td></tr></tbody></table>	Freq	Level	Over Limit	ReadAntenna	Cable Factor	A/Poss	T/Poss	Remark	Pol/Phas	MHz	dBm/100MHz	dB	dBm/100MHz	dB	dB	cm	deg		1 10438.44	49.03 -19.27	68.30	53.69	37.82	18.09	60.57	100	300 Peak VERTICAL
	Freq	Level	Over Limit	ReadAntenna	Cable Factor	A/Poss	T/Poss	Remark	Pol/Phas																																															
MHz	dBm/100MHz	dB	dBm/100MHz	dB	dB	cm	deg																																																	
1 10438.44	53.15 -15.15	68.30	57.00	38.63	18.09	60.57	300	0 Peak HORIZONTAL																																																
Freq	Level	Over Limit	ReadAntenna	Cable Factor	A/Poss	T/Poss	Remark	Pol/Phas																																																
MHz	dBm/100MHz	dB	dBm/100MHz	dB	dB	cm	deg																																																	
1 10438.44	49.03 -19.27	68.30	53.69	37.82	18.09	60.57	100	300 Peak VERTICAL																																																



WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																	
ANT	802.11ac VHT20 CH48 5240MHz																																																																	
1+2	Horizontal	Vertical																																																																
Peak Avg.	<table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><td>MHz</td><td>dBuV/m</td><td>dB</td><td>dBuV/m</td><td>dB/m</td><td>dB</td><td>dB</td><td>cm</td><td>deg</td><td></td></tr><tr><td>1</td><td>10478.47</td><td>49.64</td><td>-18.66</td><td>68.30</td><td>53.43</td><td>38.65</td><td>18.14</td><td>60.58</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg		1	10478.47	49.64	-18.66	68.30	53.43	38.65	18.14	60.58	300	0 Peak	HORIZONTAL	<table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable</th><th>Preamp</th><th>A/Poss</th><th>T/Poss</th><th>Remark</th><th>Pol/Phas</th></tr><tr><td>MHz</td><td>dBuV/m</td><td>dB</td><td>dBuV/m</td><td>dB/m</td><td>dB</td><td>dB</td><td>cm</td><td>deg</td><td></td></tr><tr><td>1</td><td>10478.47</td><td>48.78</td><td>-19.52</td><td>68.30</td><td>53.36</td><td>37.86</td><td>18.14</td><td>60.58</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg		1	10478.47	48.78	-19.52	68.30	53.36	37.86	18.14	60.58	100	360 Peak	VERTICAL
	Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																								
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg																																																										
1	10478.47	49.64	-18.66	68.30	53.43	38.65	18.14	60.58	300	0 Peak	HORIZONTAL																																																							
Freq	Level	Over Limit	ReadAntenna	Cable	Preamp	A/Poss	T/Poss	Remark	Pol/Phas																																																									
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg																																																										
1	10478.47	48.78	-19.52	68.30	53.36	37.86	18.14	60.58	100	360 Peak	VERTICAL																																																							



Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

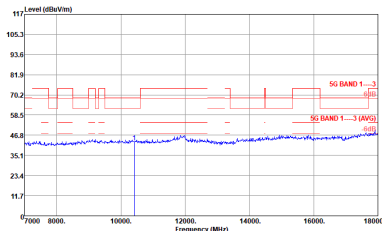
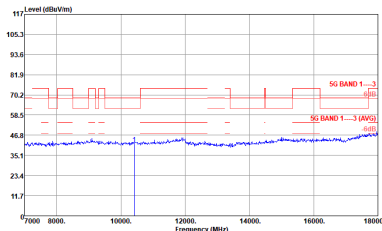
WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																			
ANT	802.11ac VHT40 CH38 5190MHz																																																																			
1+2	Horizontal	Vertical																																																																		
Peak Avg.	<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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10378.38</td><td>44.83</td><td>-23.47</td><td>68.30</td><td>48.75</td><td>38.60</td><td>18.05</td><td>60.57</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg			1 10378.38	44.83	-23.47	68.30	48.75	38.60	18.05	60.57	300	0 Peak	HORIZONTAL	<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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB/m</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10378.38</td><td>43.93</td><td>-24.37</td><td>68.30</td><td>48.67</td><td>37.78</td><td>18.05</td><td>60.57</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg			1 10378.38	43.93	-24.37	68.30	48.67	37.78	18.05	60.57	100	360 Peak	VERTICAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg																																																												
1 10378.38	44.83	-23.47	68.30	48.75	38.60	18.05	60.57	300	0 Peak	HORIZONTAL																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB	cm	deg																																																												
1 10378.38	43.93	-24.37	68.30	48.67	37.78	18.05	60.57	100	360 Peak	VERTICAL																																																										



WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																			
ANT	802.11ac VHT40 CH46 5230MHz																																																																			
1+2	Horizontal	Vertical																																																																		
Peak	Site Condition : 030906-KS Condition : 5G BAND 1-3 3m 3117 SW 75957 HORIZONTAL RBW:1000, 000kHz VSW:3000, 000kHz SMT:Auto <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><th>Poi/Phas</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10458.46</td><td>-46.62</td><td>-21.68</td><td>-68.30</td><td>50.45</td><td>38.64</td><td>18.11</td><td>60.58</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Poi/Phas	MHz	dBm/100MHz	dB	dBm/100MHz	dBm/100MHz	dB	dB	cm	deg			1 10458.46	-46.62	-21.68	-68.30	50.45	38.64	18.11	60.58	300	0 Peak	HORIZONTAL	Site Condition : 030906-KS Condition : 5G BAND 1-3 3m 3117 SW 75957 VERTICAL RBW:1000, 000kHz VSW:3000, 000kHz SMT:Auto <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><th>Poi/Phas</th></tr><tr><th>MHz</th><th>dBm/100MHz</th><th>dB</th><th>dBm/100MHz</th><th>dBm/100MHz</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10458.46</td><td>-45.56</td><td>-22.74</td><td>-68.30</td><td>50.20</td><td>37.83</td><td>18.11</td><td>60.58</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Poi/Phas	MHz	dBm/100MHz	dB	dBm/100MHz	dBm/100MHz	dB	dB	cm	deg			1 10458.46	-45.56	-22.74	-68.30	50.20	37.83	18.11	60.58	100	360 Peak	VERTICAL
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Poi/Phas																																																										
MHz	dBm/100MHz	dB	dBm/100MHz	dBm/100MHz	dB	dB	cm	deg																																																												
1 10458.46	-46.62	-21.68	-68.30	50.45	38.64	18.11	60.58	300	0 Peak	HORIZONTAL																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Poi/Phas																																																										
MHz	dBm/100MHz	dB	dBm/100MHz	dBm/100MHz	dB	dB	cm	deg																																																												
1 10458.46	-45.56	-22.74	-68.30	50.20	37.83	18.11	60.58	100	360 Peak	VERTICAL																																																										
Avg.																																																																				

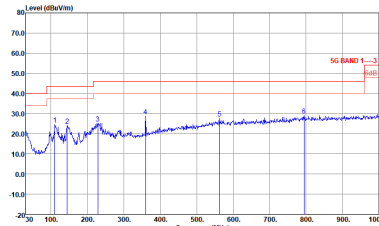
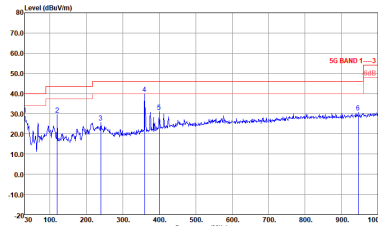


Band UNII 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band UNII 1 5150~5250MHz Harmonic @ 3m																																																																			
ANT	802.11ac VHT80 CH42 5210MHz																																																																			
1+2	Horizontal	Vertical																																																																		
Peak	 Site : 030406-R3 Condition : 5G BAND 1-3 3m 3117 SN 79957 HORIZONTAL #00 1000 000000- VSW 3000 000000 SRT Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10420.00</td><td>42.67</td><td>-25.63</td><td>68.30</td><td>48.62</td><td>38.62</td><td>18.08</td><td>62.65</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBm	dB	dB	cm	deg			1 10420.00	42.67	-25.63	68.30	48.62	38.62	18.08	62.65	300	0 Peak	HORIZONTAL	 Site : 030406-R3 Condition : 5G BAND 1-3 3m 3117 SN 79957 VERTICAL #00 1000 000000- VSW 3000 000000 SRT Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dBm</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 10420.00</td><td>41.87</td><td>-26.43</td><td>68.30</td><td>48.63</td><td>37.81</td><td>18.08</td><td>62.65</td><td>100</td><td>360 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dBm	dB	dB	cm	deg			1 10420.00	41.87	-26.43	68.30	48.63	37.81	18.08	62.65	100	360 Peak	VERTICAL
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dBm	dB	dB	cm	deg																																																												
1 10420.00	42.67	-25.63	68.30	48.62	38.62	18.08	62.65	300	0 Peak	HORIZONTAL																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dBm	dB	dB	cm	deg																																																												
1 10420.00	41.87	-26.43	68.30	48.63	37.81	18.08	62.65	100	360 Peak	VERTICAL																																																										
Avg.																																																																				



Emission below 1GHz
5GHz WIFI 802.11n HT20 (LF)

WIFI	5GHz WIFI																																																																																																																																																																																																	
ANT	802.11n HT20 LF																																																																																																																																																																																																	
1+2	Horizontal	Vertical																																																																																																																																																																																																
QP / Peak	 Site : 030006-KS Condition : 5G BAND 1-3 3m DBL61120 0M23188 HORIZONTAL RBW 100.000KHz VBW 300.000KHz SRT Auto <table><thead><tr><th>Peak</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><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>110.51</td><td>24.45</td><td>-19.05</td><td>43.50</td><td>38.57</td><td>1.75</td><td>32.88</td><td>---</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>2</td><td>146.46</td><td>24.10</td><td>-19.40</td><td>43.50</td><td>38.40</td><td>1.93</td><td>32.81</td><td>---</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>3</td><td>228.85</td><td>25.24</td><td>-20.76</td><td>44.00</td><td>38.67</td><td>1.73</td><td>2.44</td><td>33.10</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>4</td><td>309.80</td><td>28.63</td><td>-17.37</td><td>46.00</td><td>37.64</td><td>20.77</td><td>3.08</td><td>32.89</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>5</td><td>562.53</td><td>27.67</td><td>-18.33</td><td>46.00</td><td>31.28</td><td>25.05</td><td>3.86</td><td>32.57</td><td>---</td><td>Peak</td><td>HORIZONTAL</td></tr><tr><td>6</td><td>794.36</td><td>29.55</td><td>-16.54</td><td>46.00</td><td>30.92</td><td>26.58</td><td>4.58</td><td>32.52</td><td>108</td><td>3P Peak</td><td>HORIZONTAL</td></tr></tbody></table>	Peak	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1	110.51	24.45	-19.05	43.50	38.57	1.75	32.88	---	---	Peak	HORIZONTAL	2	146.46	24.10	-19.40	43.50	38.40	1.93	32.81	---	---	Peak	HORIZONTAL	3	228.85	25.24	-20.76	44.00	38.67	1.73	2.44	33.10	---	Peak	HORIZONTAL	4	309.80	28.63	-17.37	46.00	37.64	20.77	3.08	32.89	---	Peak	HORIZONTAL	5	562.53	27.67	-18.33	46.00	31.28	25.05	3.86	32.57	---	Peak	HORIZONTAL	6	794.36	29.55	-16.54	46.00	30.92	26.58	4.58	32.52	108	3P Peak	HORIZONTAL	 Site : 030006-KS Condition : 5G BAND 1-3 3m DBL61120 0M23188 VERTICAL RBW 100.000KHz VBW 300.000KHz SRT Auto <table><thead><tr><th>Peak</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><th>Pol/Phas</th></tr><tr><th></th><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr></thead><tbody><tr><td>1</td><td>30.00</td><td>29.48</td><td>-10.52</td><td>40.00</td><td>36.10</td><td>25.50</td><td>0.58</td><td>32.70</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>2</td><td>130.21</td><td>29.51</td><td>-10.49</td><td>40.00</td><td>37.73</td><td>17.86</td><td>1.78</td><td>32.86</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>3</td><td>229.52</td><td>25.49</td><td>-20.51</td><td>46.00</td><td>37.55</td><td>18.74</td><td>2.50</td><td>33.10</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>4</td><td>309.80</td><td>29.75</td><td>-10.24</td><td>46.00</td><td>47.91</td><td>31.45</td><td>3.08</td><td>32.88</td><td>120</td><td>3P Peak</td><td>VERTICAL</td></tr><tr><td>5</td><td>569.57</td><td>30.89</td><td>-15.11</td><td>46.00</td><td>37.73</td><td>22.70</td><td>3.26</td><td>32.80</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr><tr><td>6</td><td>945.48</td><td>30.74</td><td>-15.26</td><td>46.00</td><td>30.19</td><td>27.86</td><td>5.01</td><td>32.52</td><td>---</td><td>Peak</td><td>VERTICAL</td></tr></tbody></table>	Peak	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas		MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1	30.00	29.48	-10.52	40.00	36.10	25.50	0.58	32.70	---	Peak	VERTICAL	2	130.21	29.51	-10.49	40.00	37.73	17.86	1.78	32.86	---	Peak	VERTICAL	3	229.52	25.49	-20.51	46.00	37.55	18.74	2.50	33.10	---	Peak	VERTICAL	4	309.80	29.75	-10.24	46.00	47.91	31.45	3.08	32.88	120	3P Peak	VERTICAL	5	569.57	30.89	-15.11	46.00	37.73	22.70	3.26	32.80	---	Peak	VERTICAL	6	945.48	30.74	-15.26	46.00	30.19	27.86	5.01	32.52	---	Peak	VERTICAL
	Peak	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																																																																																						
	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																																																																																																																																																									
1	110.51	24.45	-19.05	43.50	38.57	1.75	32.88	---	---	Peak	HORIZONTAL																																																																																																																																																																																							
2	146.46	24.10	-19.40	43.50	38.40	1.93	32.81	---	---	Peak	HORIZONTAL																																																																																																																																																																																							
3	228.85	25.24	-20.76	44.00	38.67	1.73	2.44	33.10	---	Peak	HORIZONTAL																																																																																																																																																																																							
4	309.80	28.63	-17.37	46.00	37.64	20.77	3.08	32.89	---	Peak	HORIZONTAL																																																																																																																																																																																							
5	562.53	27.67	-18.33	46.00	31.28	25.05	3.86	32.57	---	Peak	HORIZONTAL																																																																																																																																																																																							
6	794.36	29.55	-16.54	46.00	30.92	26.58	4.58	32.52	108	3P Peak	HORIZONTAL																																																																																																																																																																																							
Peak	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																																																																																																																																							
	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																																																																																																																																																									
1	30.00	29.48	-10.52	40.00	36.10	25.50	0.58	32.70	---	Peak	VERTICAL																																																																																																																																																																																							
2	130.21	29.51	-10.49	40.00	37.73	17.86	1.78	32.86	---	Peak	VERTICAL																																																																																																																																																																																							
3	229.52	25.49	-20.51	46.00	37.55	18.74	2.50	33.10	---	Peak	VERTICAL																																																																																																																																																																																							
4	309.80	29.75	-10.24	46.00	47.91	31.45	3.08	32.88	120	3P Peak	VERTICAL																																																																																																																																																																																							
5	569.57	30.89	-15.11	46.00	37.73	22.70	3.26	32.80	---	Peak	VERTICAL																																																																																																																																																																																							
6	945.48	30.74	-15.26	46.00	30.19	27.86	5.01	32.52	---	Peak	VERTICAL																																																																																																																																																																																							



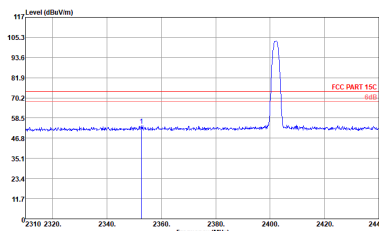
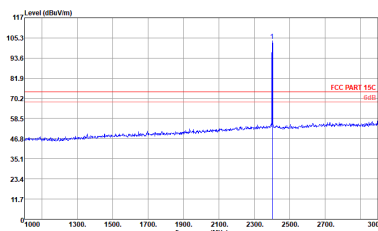
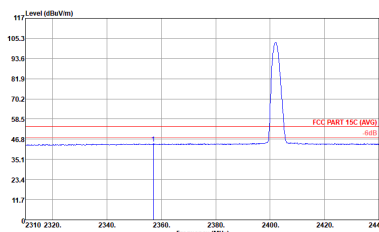
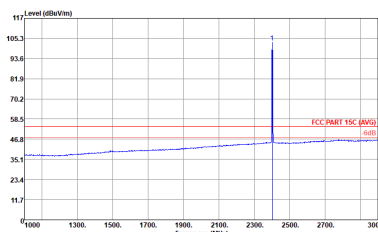
Co-location:

WIFI	WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Band Edge @ 3m									
802.11n20 CH36 5180MHz										



WIFI	WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Band Edge @ 3m																																																																			
ANT	802.11n20 CH36 5180MHz																																																																			
1	Vertical	Fundamental																																																																		
Peak	Site : 030906-KS Condition : 5G BAND 1-3 3m 3117 SN 75957 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 5146.56</td><td>62.54</td><td>-11.46</td><td>74.00</td><td>48.31</td><td>34.93</td><td>12.02</td><td>32.72</td><td>96 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	cm	deg			1 5146.56	62.54	-11.46	74.00	48.31	34.93	12.02	32.72	96 Peak	VERTICAL	Site : 030906-KS Condition : 5G BAND 1-3 3m 3117 SN 75957 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 * 5176.00</td><td>108.46</td><td></td><td>94.13</td><td>34.96</td><td>12.08</td><td>32.71</td><td>109</td><td>96 Peak</td><td>VERTICAL</td></tr><tr><td>2 5176.00</td><td>100.81</td><td></td><td>86.48</td><td>34.96</td><td>12.08</td><td>32.71</td><td>109</td><td>96 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	cm	deg			1 * 5176.00	108.46		94.13	34.96	12.08	32.71	109	96 Peak	VERTICAL	2 5176.00	100.81		86.48	34.96	12.08	32.71	109	96 Average	VERTICAL
	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																											
MHz	dBuV/m	dB	dBuV/m	dB	cm	deg																																																														
1 5146.56	62.54	-11.46	74.00	48.31	34.93	12.02	32.72	96 Peak	VERTICAL																																																											
Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																												
MHz	dBuV/m	dB	dBuV/m	dB	cm	deg																																																														
1 * 5176.00	108.46		94.13	34.96	12.08	32.71	109	96 Peak	VERTICAL																																																											
2 5176.00	100.81		86.48	34.96	12.08	32.71	109	96 Average	VERTICAL																																																											
Avg.	Site : 030906-KS Condition : 5G BAND 1-3 (AVG) 3m 3117 SN 75957 VERTICAL RBW:1000.000kHz VBW:0.010kHz SMT:Auto <table><tr><th>Freq</th><th>Level</th><th>Over Limit</th><th>ReadAntenna</th><th>Cable Preamp</th><th>A/Pos</th><th>T/Pos</th><th>Remark</th><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 5150.00</td><td>48.82</td><td>-5.18</td><td>54.00</td><td>34.59</td><td>34.93</td><td>12.02</td><td>32.72</td><td>96 Average</td><td>VERTICAL</td></tr></table>	Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	cm	deg			1 5150.00	48.82	-5.18	54.00	34.59	34.93	12.02	32.72	96 Average	VERTICAL	-																																						
Freq	Level	Over Limit	ReadAntenna	Cable Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																												
MHz	dBuV/m	dB	dBuV/m	dB	cm	deg																																																														
1 5150.00	48.82	-5.18	54.00	34.59	34.93	12.02	32.72	96 Average	VERTICAL																																																											



BLE	WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Band Edge @ 3m																																																																														
	BLE CH00 2402MHz																																																																														
	Horizontal										Fundamental																																																																				
Peak	 Site Condition : 032006-KS FCC PART 15C 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SFT:Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2352.64</td><td>54.14</td><td>-19.86</td><td>74.00</td><td>47.52</td><td>32.05</td><td>8.02</td><td>33.45</td><td>102</td><td>215 Peak</td><td>HORIZONTAL</td></tr></table>											Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1	2352.64	54.14	-19.86	74.00	47.52	32.05	8.02	33.45	102	215 Peak	HORIZONTAL	 Site Condition : 032006-KS FCC PART 15C 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SFT:Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2402.00</td><td>103.48</td><td></td><td>96.63</td><td>32.20</td><td>8.09</td><td>33.44</td><td>102</td><td>215 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1	2402.00	103.48		96.63	32.20	8.09	33.44	102	215 Peak	HORIZONTAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																				
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																																							
1	2352.64	54.14	-19.86	74.00	47.52	32.05	8.02	33.45	102	215 Peak	HORIZONTAL																																																																				
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																					
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																																							
1	2402.00	103.48		96.63	32.20	8.09	33.44	102	215 Peak	HORIZONTAL																																																																					
Avg.	 Site Condition : 032006-KS FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:2.700kHz SFT:Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2357.06</td><td>44.29</td><td>-9.71</td><td>54.00</td><td>37.67</td><td>32.05</td><td>8.02</td><td>33.45</td><td>102</td><td>215 Average</td><td>HORIZONTAL</td></tr></table>											Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1	2357.06	44.29	-9.71	54.00	37.67	32.05	8.02	33.45	102	215 Average	HORIZONTAL	 Site Condition : 032006-KS FCC PART 15C (AVG) 3m 3117 SN 75957 HORIZONTAL RBW:1000.000kHz VBW:2.700kHz SFT:Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1</td><td>2402.00</td><td>102.86</td><td></td><td>96.01</td><td>32.20</td><td>8.09</td><td>33.44</td><td>102</td><td>215 Average</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1	2402.00	102.86		96.01	32.20	8.09	33.44	102	215 Average	HORIZONTAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																				
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																																							
1	2357.06	44.29	-9.71	54.00	37.67	32.05	8.02	33.45	102	215 Average	HORIZONTAL																																																																				
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																																					
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																																							
1	2402.00	102.86		96.01	32.20	8.09	33.44	102	215 Average	HORIZONTAL																																																																					



BLE	WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Band Edge @ 3m										
	BLE CH00 2402MHz										
</											



WIFI	WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Harmonic @ 3m									
802.11n20 CH36 5180MHz										



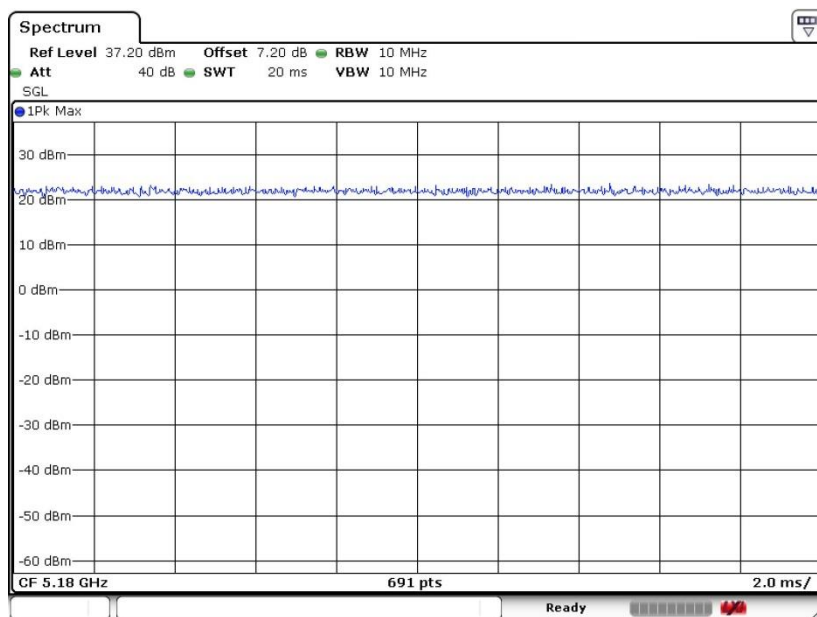
BLE	WIFI 802.11n HT20 CH36 + BLE (1Mbps) CH00 Harmonic @ 3m																																																																			
ANT	BLE CH00 2402MHz																																																																			
1	Horizontal	Vertical																																																																		
Peak Avg.	Site : 030906-KS Condition : FCC PART 15C 3m 2117.5M 7095V HORIZONTAL FSW:1000.000MHz VSW:3000.000kHz SFT:Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 4804.00</td><td>41.58</td><td>-32.42</td><td>74.00</td><td>56.83</td><td>34.96</td><td>11.51</td><td>61.72</td><td>300</td><td>0 Peak</td><td>HORIZONTAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 4804.00	41.58	-32.42	74.00	56.83	34.96	11.51	61.72	300	0 Peak	HORIZONTAL	Site : 030906-KS Condition : FCC PART 15C 3m 2117.5M 7095V VERTICAL FSW:1000.000MHz VSW:3000.000kHz SFT:Auto <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><th>Pol/Phas</th></tr><tr><th>MHz</th><th>dBuV/m</th><th>dB</th><th>dBuV/m</th><th>dB</th><th>dB</th><th>dB</th><th>cm</th><th>deg</th><th></th><th></th></tr><tr><td>1 4804.00</td><td>40.70</td><td>-33.30</td><td>74.00</td><td>56.07</td><td>34.84</td><td>11.51</td><td>61.72</td><td>300</td><td>360 Peak</td><td>VERTICAL</td></tr></table>	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg			1 4804.00	40.70	-33.30	74.00	56.07	34.84	11.51	61.72	300	360 Peak	VERTICAL
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																									
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																												
1 4804.00	41.58	-32.42	74.00	56.83	34.96	11.51	61.72	300	0 Peak	HORIZONTAL																																																										
Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	A/Pos	T/Pos	Remark	Pol/Phas																																																										
MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	deg																																																												
1 4804.00	40.70	-33.30	74.00	56.07	34.84	11.51	61.72	300	360 Peak	VERTICAL																																																										

Note: For above testing, we have also tested from 18GHz to 40GHz and found no emissions.

Appendix E. Duty Cycle Plots

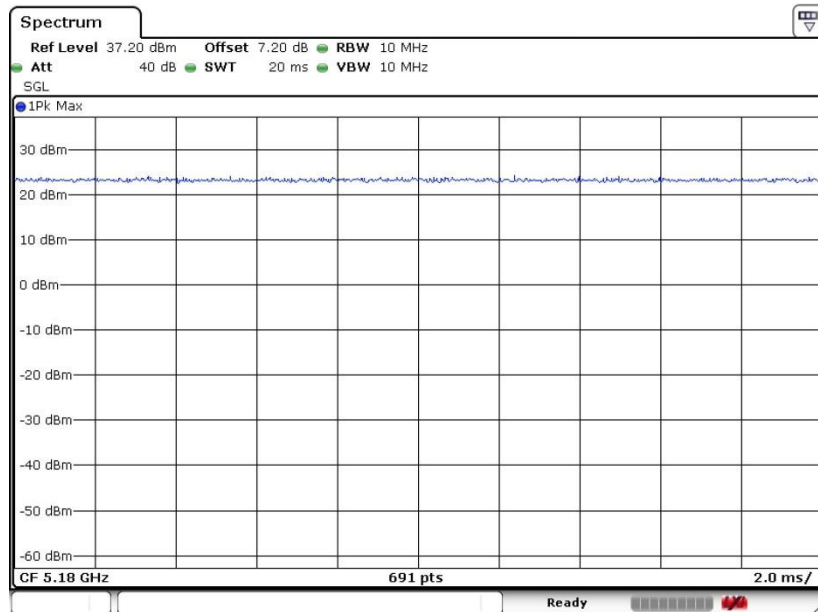
Band	Duty Cycle(%)	Duty Factor(dB)	T(ms)	1/T(kHz)	VBW Setting
802.11a Ant 1+2	100	0	-	-	10Hz
802.11n HT20 Ant 1+2	100	0	-	-	10Hz
802.11n HT40 Ant 1+2	100	0	-	-	10Hz
802.11ac VHT20 Ant 1+2	100	0	-	-	10Hz
802.11ac VHT40 Ant 1+2	100	0	-	-	10Hz
802.11ac VHT80 Ant 1+2	100	0	-	-	10Hz
Bluetooth LE 1Mbps	60.65	0.37971	2.17	2.634	2.7KHz

802.11a

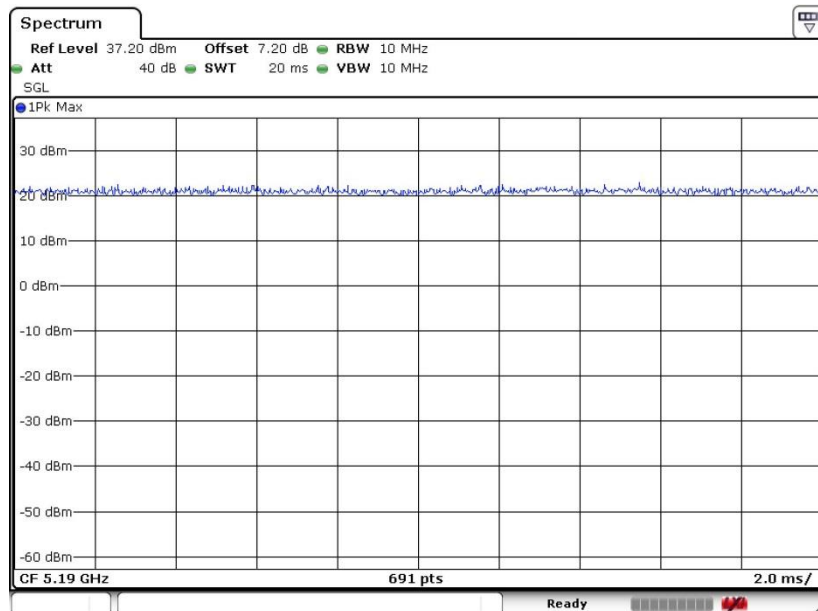




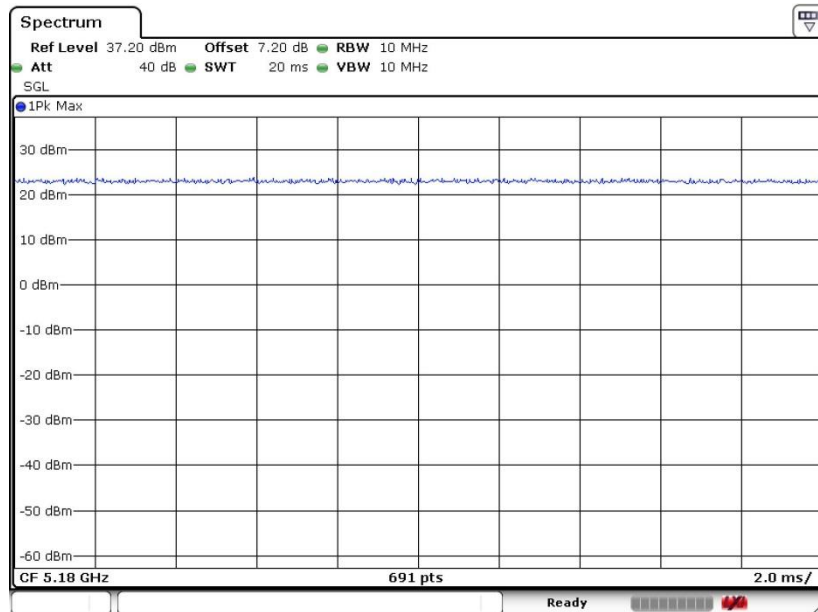
802.11n HT20



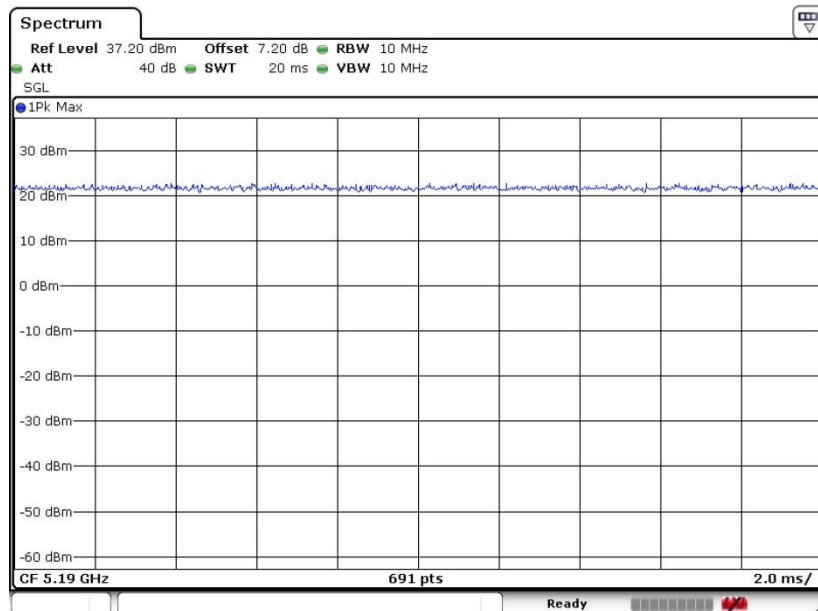
802.11n HT40



802.11ac VHT20

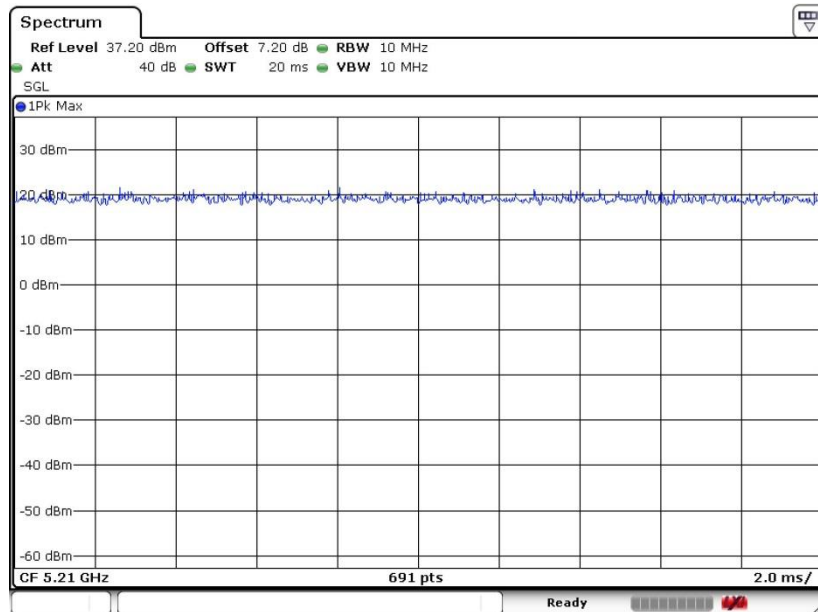


802.11ac VHT40





802.11ac VHT80



Bluetooth LE 1Mbps

