FCC RF Test Report

APPLICANT	:	Persimmon Kaki LLC
EQUIPMENT	:	Digital Media Receiver
MODEL NAME	:	G6A87E
FCC ID	:	2A8UX-2892
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	Feb. 16, 2023 ~ May 16, 2023

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

Jason Jia

Approved by: Jason Jia

ACCREDITED Cert #5145.01

Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR2N0202-01H	Rev. 01	Initial issue of report	May 25, 2023

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	Report only	-
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm/MHz	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass	Under limit 3.74 dB at 5149.760 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 13.57 dB at 0.598 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
3.7	15.203 & 15.407(a)	Antenna Requirement	15.203 & 15.407(a)	Pass	-

Declaration of Conformity:
The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.
Comments and Explanations:
The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

1 General Description

1.1 Applicant

Persimmon Kaki LLC
6975 Union Park Avenue, Suite 600, Cottonwood Heights, Utah 84047

1.2 Product Feature of Equipment Under Test

Product Feature	
Equipment	Digital Media Receiver
Model Name	G6A87E
FCC ID	2A8UX-2892
SN	Conducted: P0B33R01302503S3 Conduction: G0B2JK013055002A Radiation: G0B2JK0130550029 DFS: P0B33R01302502N1

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.3 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna	**<5180 MHz ~ 5240 MHz>** 802.11a : 16.45 dBm / 0.0442 W 802.11n HT20 : 16.31 dBm / 0.0428 W 802.11n HT40 : 15.54 dBm / 0.0358 W 802.11ac VHT20 : 16.27 dBm / 0.0424 W 802.11ac VHT40 : 15.48 dBm / 0.0353 W 802.11ac VHT80 : 14.70 dBm / 0.0295 W **<5260 MHz ~ 5320 MHz>** 802.11a : 16.62 dBm / 0.0459 W 802.11n HT20 : 16.59 dBm / 0.0456 W 802.11n HT40 : 15.72 dBm / 0.0373 W 802.11ac VHT20 : 16.44 dBm / 0.0441 W 802.11ac VHT40 : 15.66 dBm / 0.0368 W 802.11ac VHT80 : 15.48 dBm / 0.0353 W **<5500 MHz ~ 5720 MHz >** 802.11a : 16.79 dBm / 0.0478 W 802.11n HT20 : 16.65 dBm / 0.0462 W 802.11n HT40 : 15.81 dBm / 0.0381 W 802.11ac VHT20 : 16.54 dBm / 0.0451 W 802.11ac VHT40 : 15.73 dBm / 0.0374 W 802.11ac VHT80 : 15.62 dBm / 0.0365 W
99% Occupied Bandwidth	**<5180 MHz ~ 5240 MHz>** 802.11a : 16.83 MHz 802.11n HT20 : 17.78 MHz 802.11n HT40 : 36.26 MHz

	802.11ac VHT80 : 75.52 MHz **<5260 MHz ~ 5320 MHz>** 802.11a : 16.78 MHz 802.11n HT20 : 17.78 MHz 802.11n HT40 : 36.16 MHz 802.11ac VHT80 : 75.52 MHz **<5500 MHz ~ 5720 MHz >** 802.11a : 16.78 MHz 802.11n HT20 : 17.68 MHz 802.11n HT40 : 36.36 MHz 802.11ac VHT80 : 75.40 MHz
Antenna Type / Gain	**<5180 MHz ~ 5240 MHz>** PCB IFA Antenna with gain 4.0 dBi **<5260 MHz ~ 5320 MHz>** PCB IFA Antenna with gain 4.0 dBi **<5500 MHz ~ 5720 MHz>** PCB IFA Antenna with gain 4.0 dBi
Type of Modulation	802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)

Note: Note: For 802.11n HT20 / ac VHT20 and 802.11n HT40 / ac VHT40 mode, the whole testing have assessed only 802.11n HT20/HT40 by referring to their maximum conducted power.

1.4 Modification of EUT

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

1.5 Testing Location

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	TH01-SZ DFS01-SZ	CN1256	421272

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City Guangdong Province China 518103 TEL: +86-755-33202398		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO02-SZ 03CH02-SZ	CN1256	421272

1.6 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a
2.	CO02-SZ	AUDIX	E3	6.120613b
3.	DFS01-SZ	Sporton	DFS & Adaptivity Test Tools	1.0

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.
- ANSI C63.10-2013

Remark:

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

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: 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 (X 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		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5260-5320 MHz U-NII-2A	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5500- 5720 MHz U-NII-2C	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
TDWR Channel	118*	5590	124	5620
	120	5600	126*	5630
	122#	5610	128	5640

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
Straddle Channel	138#	5690	144	5720
	142*	5710		

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel in "#" were 802.11ac VHT80.

2.2 Test Mode

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

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

RSE Co-location
LoRa 500KHz DTS SF 7 CH31 + Zigbee 250Kbps CH25 Tx + Bluetooth LE 2Mbps CH39 Tx + 802.11ac VHT80 CH42 Tx

Test Cases	
AC Conducted Emission	Mode 1 : Lora Tx + Zigbee Tx + Bluetooth Tx + WIFI(5G) Tx + USB Cable (Charging from Adapter)
Remark: For Radiated Test Cases, The tests were performance with Adapter.	

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5720 MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

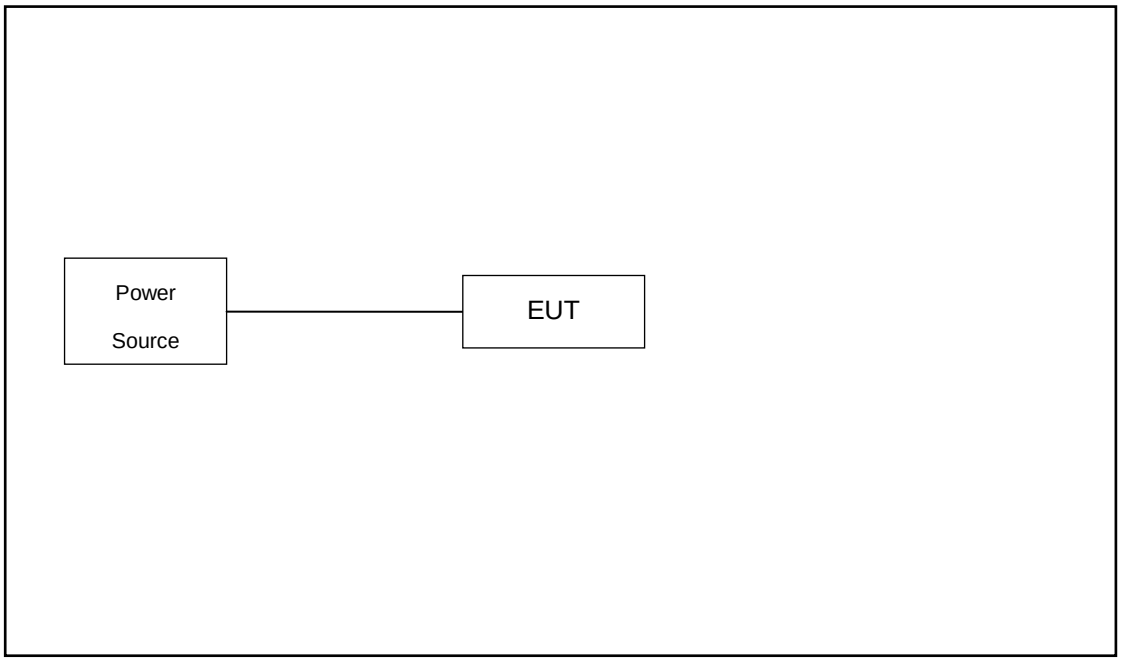
Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5720 MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5720 MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5720 MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

Remark: For radiation spurious emission, the final modulation and the worst data rate was reference the max RF conducted power.

2.3 Connection Diagram of Test System



2.4 EUT Operation Test Setup

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

2.5 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 2.8 dB and 10dB attenuator.

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

= 2.8 + 10 = 12.8 (dB)

3 Test Result

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

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

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

26dB and 99% Occupied bandwidth are reporting only.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

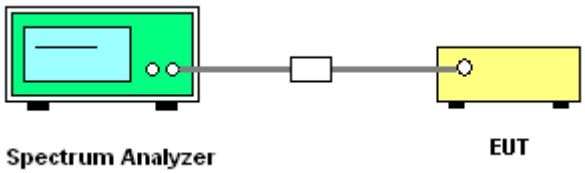
3.1.2 Measuring Instruments

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 1% to 5% of the OBW and set the Video bandwidth (VBW) ≥ 3 * RBW.
8. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
9. Measure and record the results in the test report.

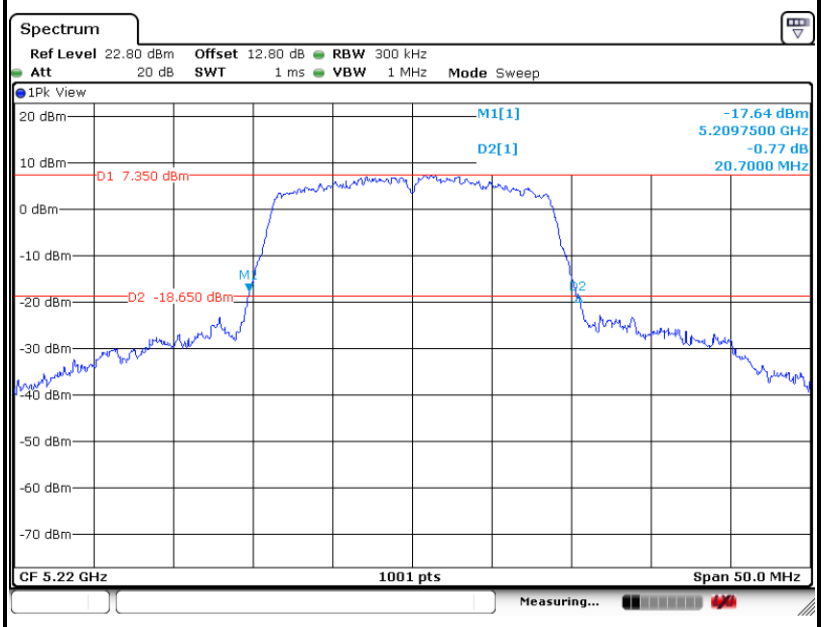
3.1.4 Test Setup



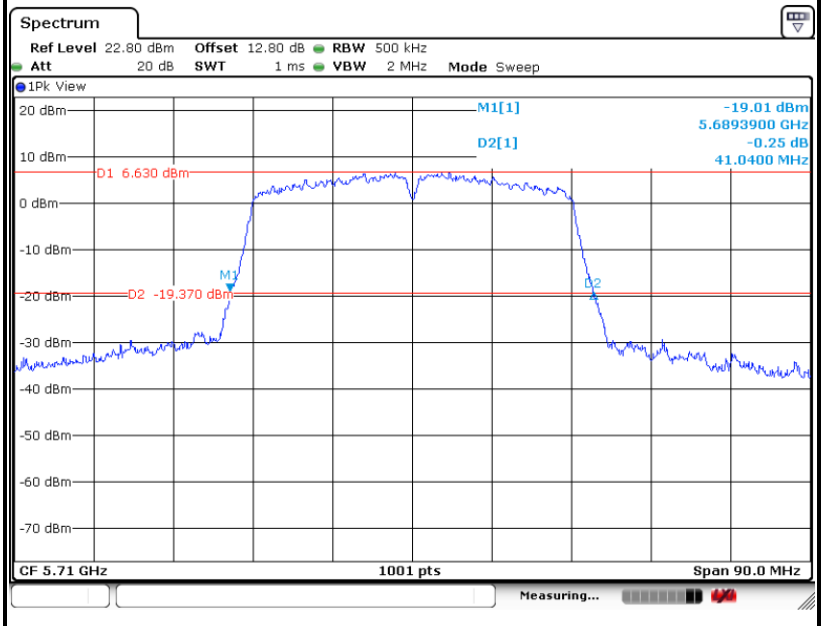
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

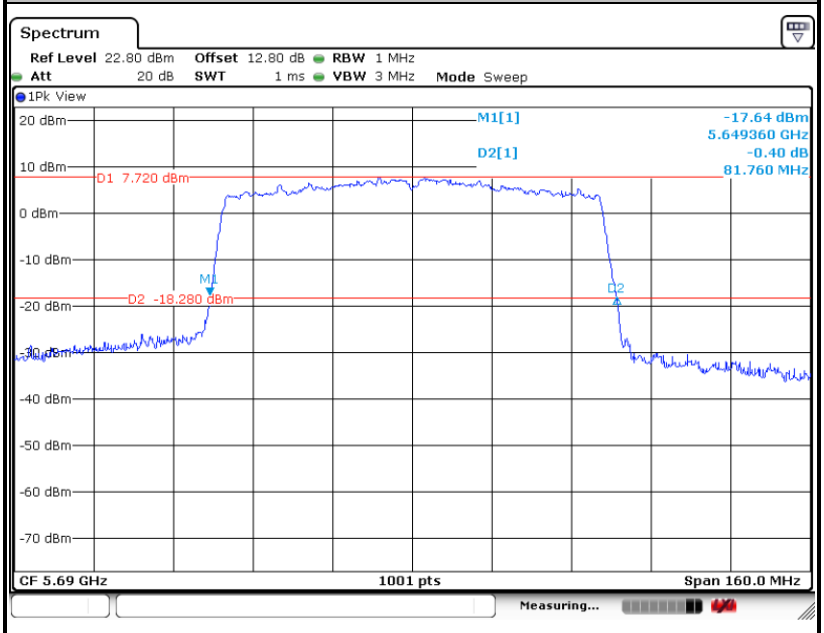
Maximum 26dB Bandwidth for 20M BW



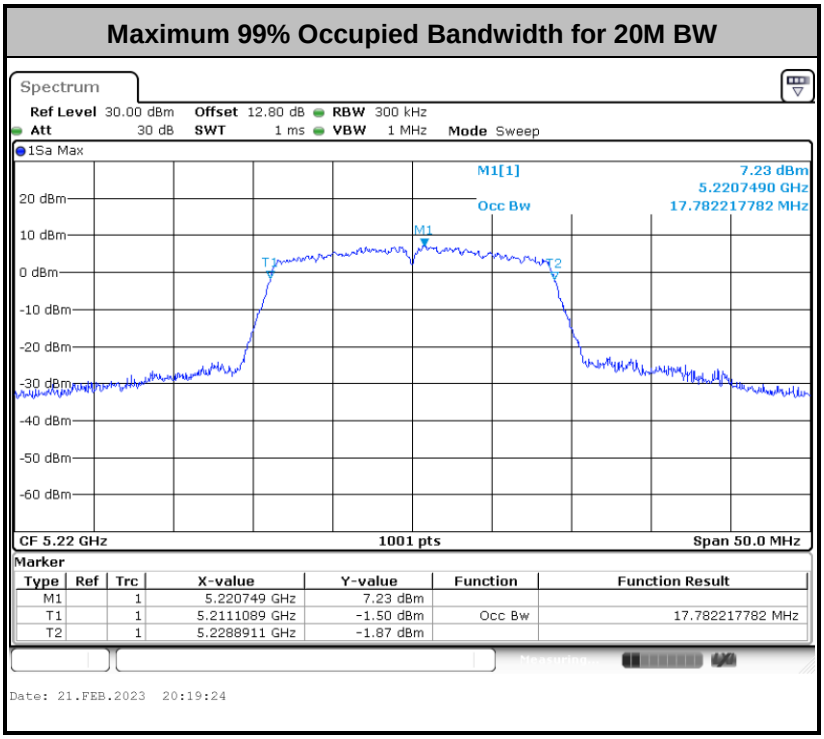
Maximum 26dB Bandwidth for 40M BW



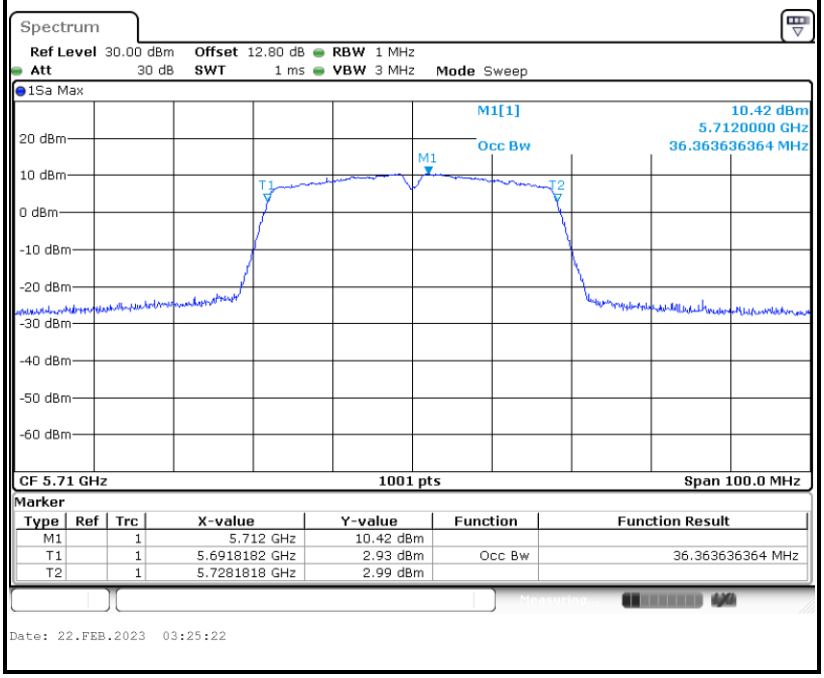
Maximum 26dB Bandwidth for 80M BW



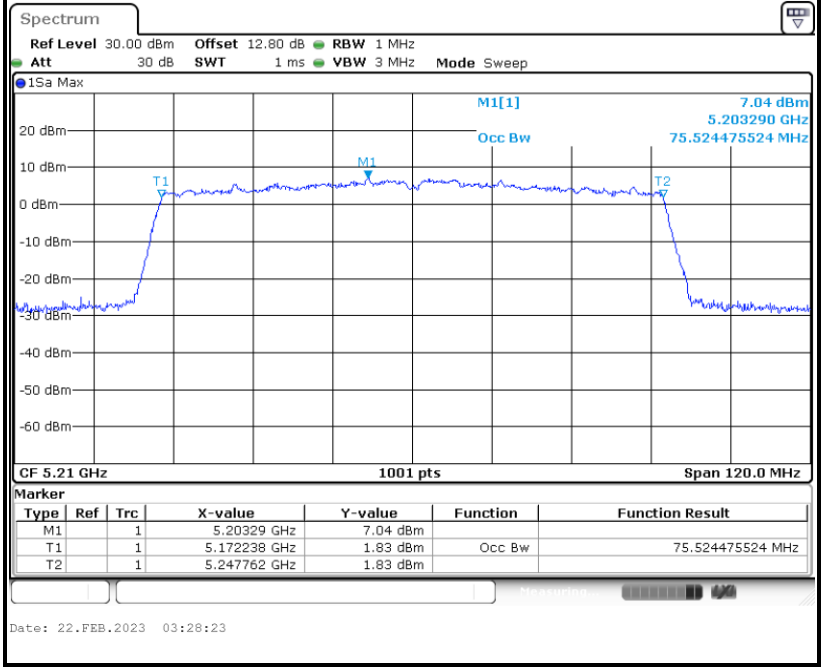
Maximum 99% Occupied Bandwidth for 20M BW



Maximum 99% Occupied Bandwidth for 40M BW



Maximum 99% Occupied Bandwidth for 80M BW

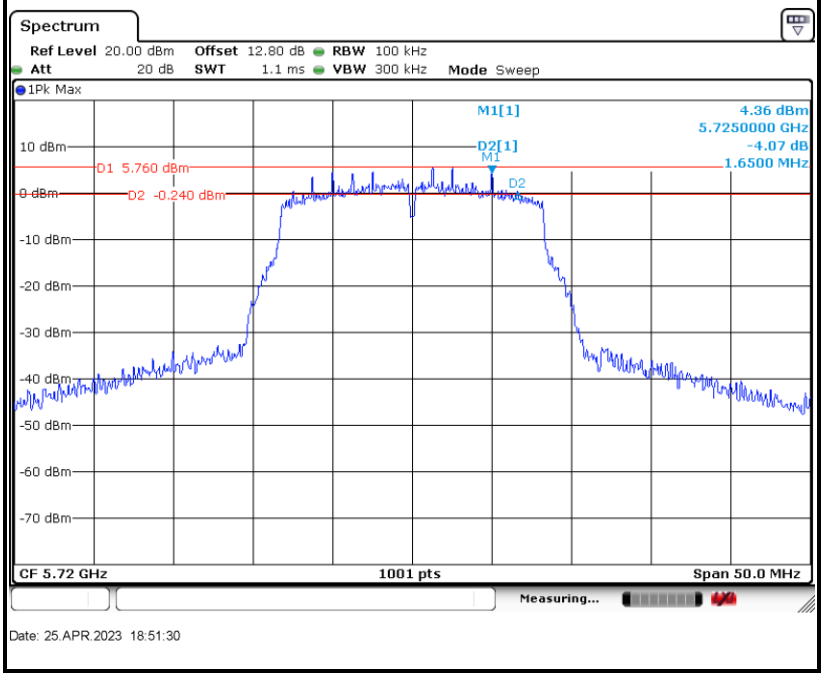


Note: The occupied channel bandwidth is maintained within the band of operation for all of the modulations.

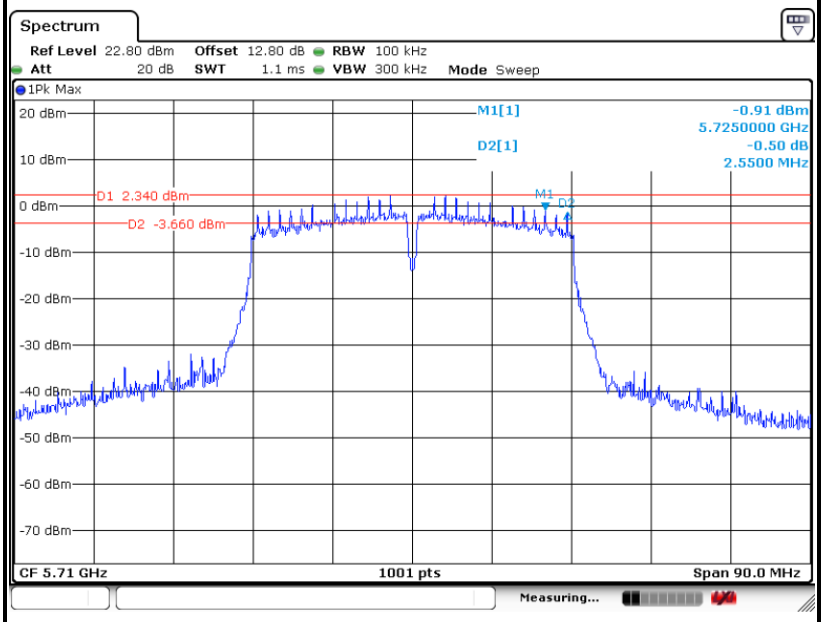
3.1.6 Test Result of 6dB Bandwidth for Straddle Channels

Mod.	Data Rate	NTX	Channel	Freq. (MHz)	6 dB Bandwidth (MHz)	FCC 6dB Bandwidth Limit (MHz)	Pass/Fail
11a	6Mbps	1	144	5720	1.65	0.5	Pass
HT20	MCS0	1	144	5720	2.55	0.5	Pass
HT40	MCS0	1	142	5710	2.55	0.5	Pass
VHT80	MCS0	1	138	5690	2.6	0.5	Pass

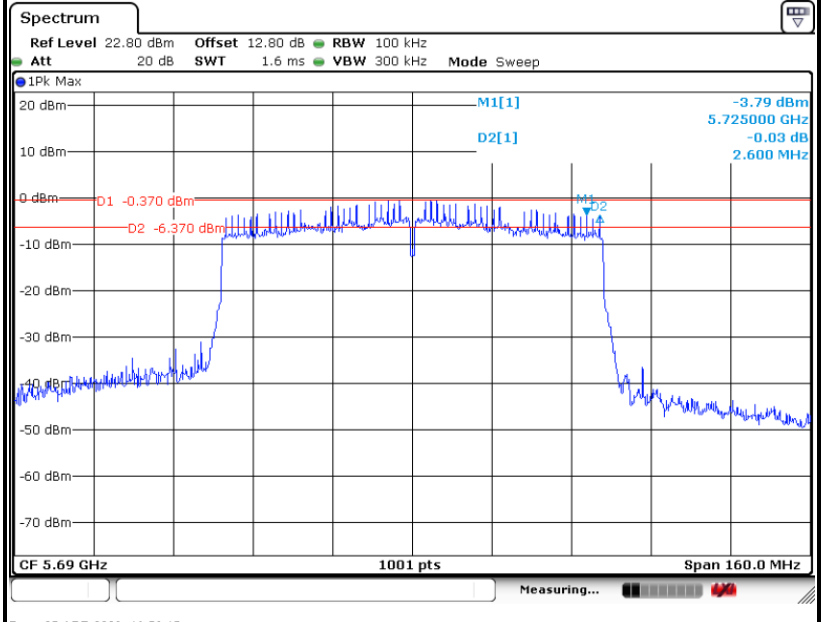
Minimum 6dB Bandwidth for CH144



Minimum 6dB Bandwidth for CH142



Minimum 6dB Bandwidth for CH138



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.

For the 5.25–5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm +10 log 10 B, where B is the 26 dB emission bandwidth in megahertz.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

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.

Note that U-NII-2 band, devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

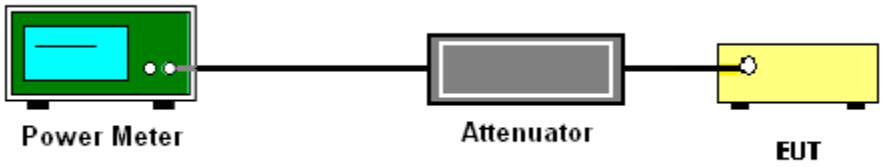
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

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.

For the 5.25–5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-2 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

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.

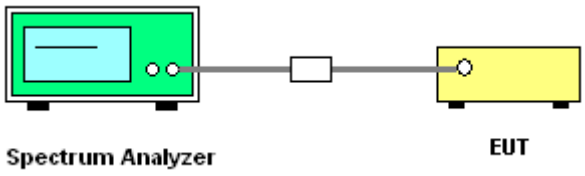
 # Method SA-2 #

(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 ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(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.

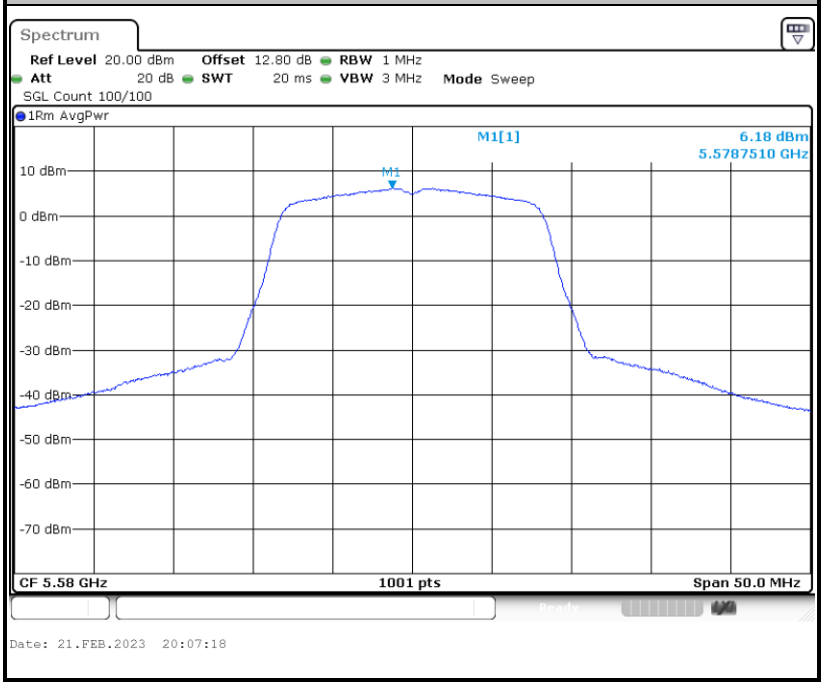
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



Note: Average Power Density (dB) = Measured value+ Duty Factor

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.

For transmitters operating in the 5250-5350 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz. Devices operating in the 5250-5350 MHz band that generate emissions in the 5150-5250 MHz band must meet all applicable technical requirements for operation in the 5150-5250 MHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5150-5250 MHz band.

For transmitters operating in the 5470-5725 MHz band: all emissions outside of the 5470-5725 MHz band shall not exceed an EIRP of -27 dBm/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 ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

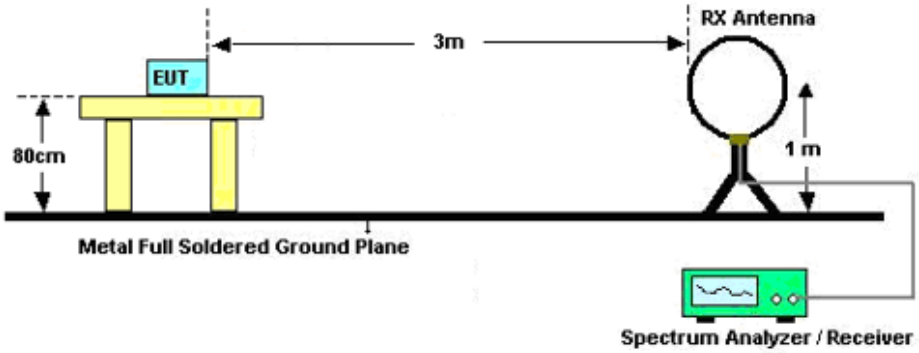
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

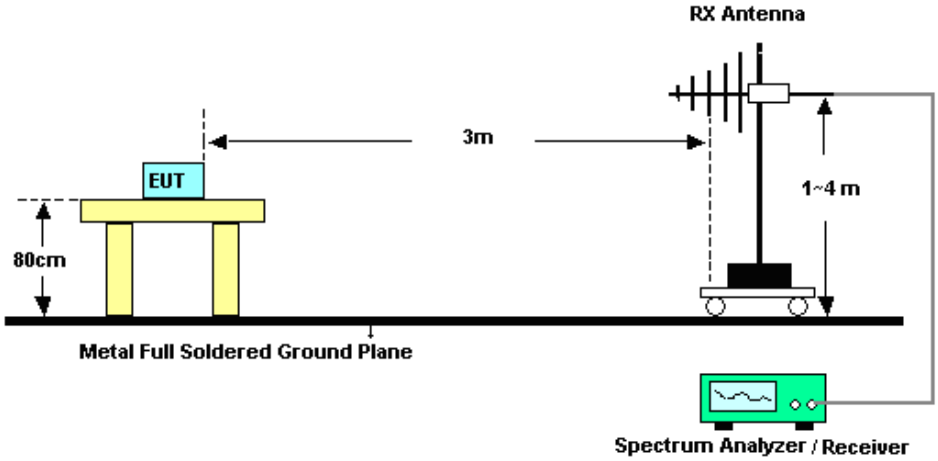
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than 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

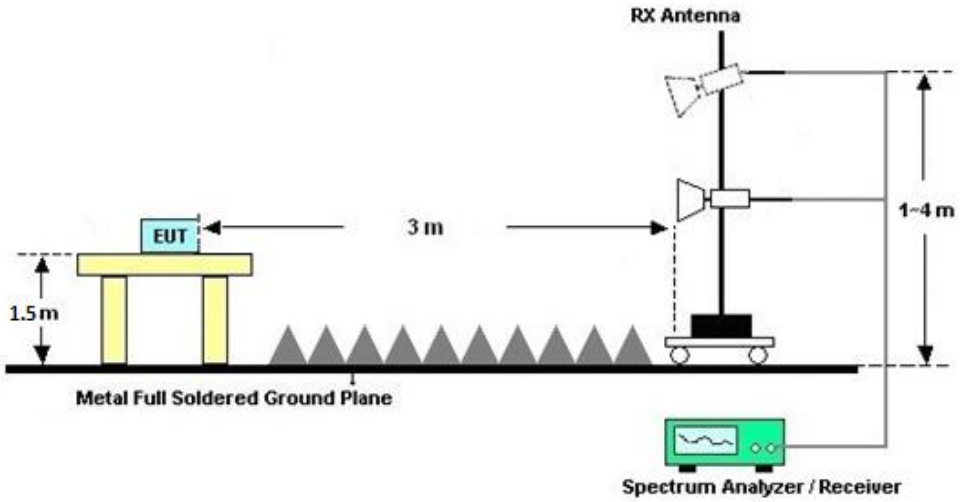
For radiated emissions below 30MHz



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

*Decreases with the logarithm of the frequency.

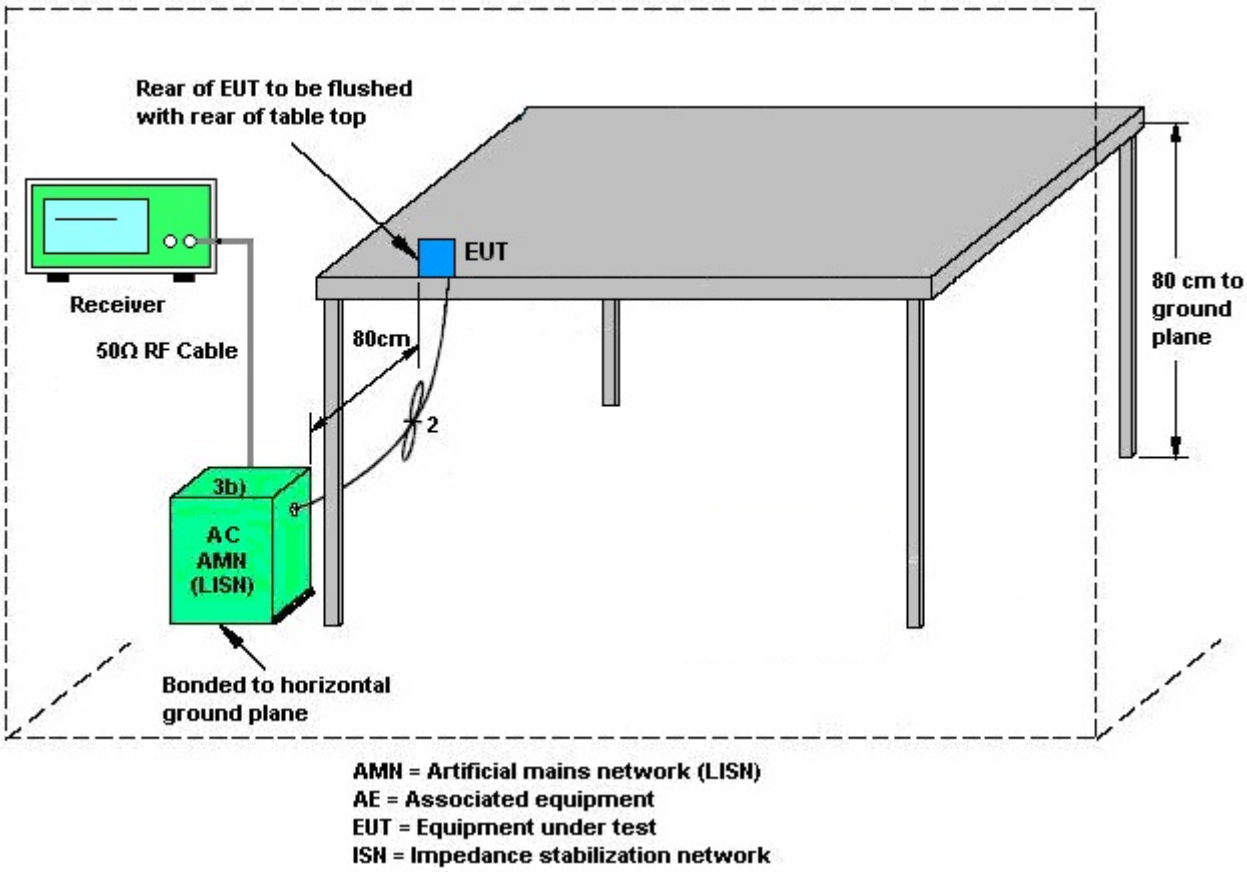
3.5.2 Measuring Instruments

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



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

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

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

3.6.3 Test Result of Automatically Discontinue Transmission

EUT is verified this characteristic during the function check of normal sample associated with an access point:

A. Information start: make EUT supply information to the access point.

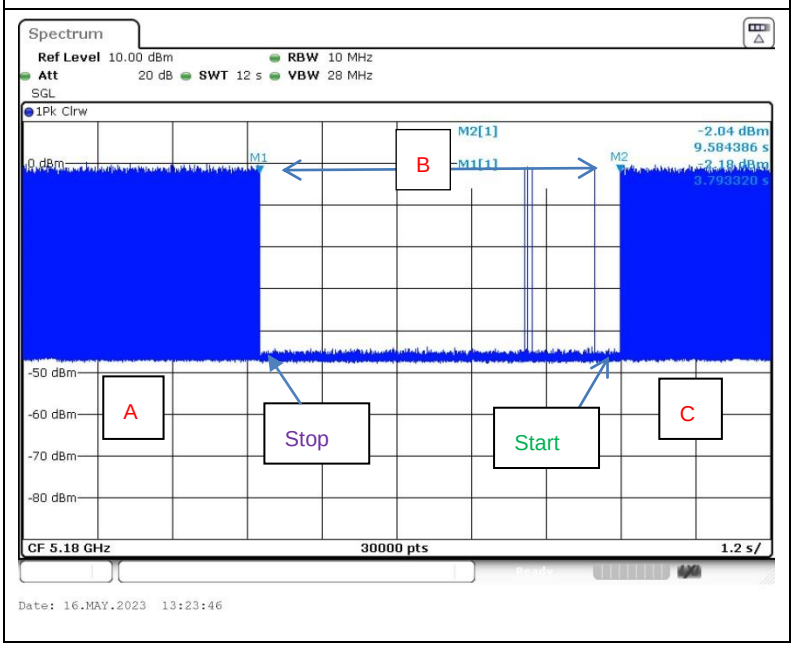
B. Information stop: stop supplying information to the access point.

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

C. Information start: make EUT supply information to the access point again.

The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

5180MHz



Note : The control / signaling information during the period B is precluded.

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 08, 2022	Feb. 21, 2023~ Apr. 25, 2023	Apr. 07, 2023	Conducted (TH01-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 07, 2023		Apr. 06, 2024	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 27, 2022	Feb. 21, 2023~ Apr. 25, 2023	Dec. 26, 2023	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1542004	50MHz Bandwidth	Dec. 27, 2022	Feb. 21, 2023~ Apr. 25, 2023	Dec. 26, 2023	Conducted (TH01-SZ)
Attenuator	MICROWAV	EMVE2214-10	2	30MHz-26.5GHz	Feb. 22, 2022	Feb. 21, 2023~ Apr. 25, 2023	Feb. 22, 2023	Conducted (TH01-SZ)
Attenuator	MICROWAV	EMVE2214-10	2	30MHz-26.5GHz	Feb. 22, 2023		Feb. 22, 2024	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 07, 2022	Feb. 16, 2023~ Feb. 20, 2023	Jul. 06, 2023	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jul. 28, 2022	Feb. 16, 2023~ Feb. 20, 2023	Jul. 27, 2024	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Sep. 28, 2021	Feb. 16, 2023~ Feb. 20, 2023	Sep. 27, 2023	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 07, 2022	Feb. 16, 2023~ Feb. 20, 2023	Jul. 06, 2023	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 07, 2022	Feb. 16, 2023~ Feb. 20, 2023	Jul. 06, 2023	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 09, 2022	Feb. 16, 2023~ Feb. 20, 2023	Apr. 08, 2023	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 19, 2022	Feb. 16, 2023~ Feb. 20, 2023	Oct. 18, 2023	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 19, 2022	Feb. 16, 2023~ Feb. 20, 2023	Oct. 18, 2023	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 19, 2022	Feb. 16, 2023~ Feb. 20, 2023	Oct. 18, 2023	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Nov. 10, 2022	Feb. 16, 2023~ Feb. 20, 2023	Nov. 10, 2023	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Feb. 16, 2023~ Feb. 20, 2023	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Feb. 16, 2023~ Feb. 20, 2023	NCR	Radiation (03CH02-SZ)
EMI Receiver	R&S	ESR7	102297	9kHz~7GHz;	Jul. 06, 2022	Feb. 16, 2023	Jul. 05, 2023	Conduction (CO02-SZ)
AC LISN	R&S	ENV216	101499	9kHz~30MHz	Jul. 06, 2022	Feb. 16, 2023	Jul. 05, 2023	Conduction (CO02-SZ)
AC Power Source	CHROMA	61601	616010002470	100Vac~250Vac	Nov. 10, 2022	Feb. 16, 2023	Nov. 09, 2023	Conduction (CO02-SZ)
Signal Analyzer	R&S	FSV7	101473	10Hz~7GHz	Dec. 27, 2022	May 16, 2023	Dec. 26, 2023	Conducted (DFS01-SZ)

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 Measurement

Test Item	Uncertainty
Conducted Power	±1.34 dB
Conducted Emissions	±1.34 dB
Occupied Channel Bandwidth	±0.13 %
Conducted Power Spectral Density	±1.32 dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.7dB

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))	5.1dB

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.1dB

---------- THE END ----------

Appendix A. Conducted Test Results

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Chen Ran	Temperature:	21~25	°C
Test Date:	2023/2/21~2023/04/25	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

U-NII-1										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)		
11a	6Mbps	1	36	5180	16.78	20.30	-	22.25		
11a	6Mbps	1	44	5220	16.83	20.40	-	22.26		
11a	6Mbps	1	48	5240	16.83	20.40	-	22.26		
HT20	MCS0	1	36	5180	17.73	20.60	-	22.49		
HT20	MCS0	1	44	5220	17.78	20.70	-	22.50		
HT20	MCS0	1	48	5240	17.73	20.45	-	22.49		
HT40	MCS0	1	38	5190	36.26	40.59	-	23.01		
HT40	MCS0	1	46	5230	36.16	40.86	-	23.01		
VHT80	MCS0	1	42	5210	75.52	81.76	-	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	Power Setting
11a	6Mbps	1	36	5180	0.18	16.45	24.00	4.00		Pass	17
11a	6Mbps	1	44	5220	0.18	16.31	24.00	4.00		Pass	17
11a	6Mbps	1	48	5240	0.18	16.43	24.00	4.00		Pass	17
HT20	MCS0	1	36	5180	0.17	16.31	24.00	4.00		Pass	17
HT20	MCS0	1	44	5220	0.17	16.28	24.00	4.00		Pass	17
HT20	MCS0	1	48	5240	0.17	16.31	24.00	4.00		Pass	17
HT40	MCS0	1	38	5190	0.34	15.50	24.00	4.00		Pass	16
HT40	MCS0	1	46	5230	0.34	15.54	24.00	4.00		Pass	16
VHT20	MCS0	1	36	5180	0.16	16.24	24.00	4.00		Pass	17
VHT20	MCS0	1	44	5220	0.16	16.21	24.00	4.00		Pass	17
VHT20	MCS0	1	48	5240	0.16	16.27	24.00	4.00		Pass	17
VHT40	MCS0	1	38	5190	0.32	15.44	24.00	4.00		Pass	16
VHT40	MCS0	1	46	5230	0.32	15.48	24.00	4.00		Pass	16
VHT80	MCS0	1	42	5210	0.65	14.70	24.00	4.00		Pass	15.5

TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)	-	Pass/Fail
11a	6Mbps	1	36	5180	0.18	5.59	11.00	4.00		Pass
11a	6Mbps	1	44	5220	0.18	5.26	11.00	4.00		Pass
11a	6Mbps	1	48	5240	0.18	5.32	11.00	4.00		Pass
HT20	MCS0	1	36	5180	0.17	5.27	11.00	4.00		Pass
HT20	MCS0	1	44	5220	0.17	5.04	11.00	4.00		Pass
HT20	MCS0	1	48	5240	0.17	5.34	11.00	4.00		Pass
HT40	MCS0	1	38	5190	0.34	1.54	11.00	4.00		Pass
HT40	MCS0	1	46	5230	0.34	1.73	11.00	4.00		Pass
VHT80	MCS0	1	42	5210	0.65	-2.25	11.00	4.00		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	FCC 26dB Bandwidth Power Limit (dBm)	Note
11a	6M bps	1	52	5260	16.78	20.40	23.25	29.25	23.98	
11a	6M bps	1	60	5300	16.78	20.40	23.25	29.25	23.98	
11a	6M bps	1	64	5320	16.78	20.35	23.25	29.25	23.98	
HT20	MCS 0	1	52	5260	17.68	20.55	23.48	29.48	23.98	
HT20	MCS 0	1	60	5300	17.78	20.60	23.50	29.50	23.98	
HT20	MCS 0	1	64	5320	17.73	20.55	23.49	29.49	23.98	
HT40	MCS 0	1	54	5270	36.16	40.86	23.98	30.00	23.98	
HT40	MCS 0	1	62	5310	36.16	40.77	23.98	30.00	23.98	
VHT80	MCS 0	1	58	5290	75.52	81.60	23.98	30.00	23.98	

TEST RESULTS DATA
Average Power Table

FCC U-NII-2A											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail	Power Setting
11a	6M bps	1	52	5260	0.18	16.44	23.98	4.00	26.99	Pass	17
11a	6M bps	1	60	5300	0.18	16.59	23.98	4.00	26.99	Pass	17
11a	6M bps	1	64	5320	0.18	16.62	23.98	4.00	26.99	Pass	17
HT20	MCS 0	1	52	5260	0.17	16.51	23.98	4.00	26.99	Pass	17
HT20	MCS 0	1	60	5300	0.17	16.59	23.98	4.00	26.99	Pass	17
HT20	MCS 0	1	64	5320	0.17	16.48	23.98	4.00	26.99	Pass	17
HT40	MCS 0	1	54	5270	0.34	15.63	23.98	4.00	26.99	Pass	16
HT40	MCS 0	1	62	5310	0.34	15.72	23.98	4.00	26.99	Pass	16
VHT20	MCS 0	1	52	5260	0.16	16.44	23.98	4.00	26.99	Pass	17
VHT20	MCS 0	1	60	5300	0.16	16.42	23.98	4.00	26.99	Pass	17
VHT20	MCS 0	1	64	5320	0.16	16.39	23.98	4.00	26.99	Pass	17
VHT40	MCS 0	1	54	5270	0.32	15.54	23.98	4.00	26.99	Pass	16
VHT40	MCS 0	1	62	5310	0.32	15.66	23.98	4.00	26.99	Pass	16
VHT80	MCS 0	1	58	5290	0.65	15.48	23.98	4.00	26.99	Pass	16

TEST RESULTS DATA
Power Spectral Density

U-NII-2A										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)		Pass/Fail
11a	6M bps	1	52	5260	0.18	5.68	11.00	4.00		Pass
11a	6M bps	1	60	5300	0.18	5.69	11.00	4.00		Pass
11a	6M bps	1	64	5320	0.18	5.87	11.00	4.00		Pass
HT20	MCS 0	1	52	5260	0.17	5.61	11.00	4.00		Pass
HT20	MCS 0	1	60	5300	0.17	5.62	11.00	4.00		Pass
HT20	MCS 0	1	64	5320	0.17	5.50	11.00	4.00		Pass
HT40	MCS 0	1	54	5270	0.34	1.94	11.00	4.00		Pass
HT40	MCS 0	1	62	5310	0.34	1.84	11.00	4.00		Pass
VHT80	MCS 0	1	58	5290	0.65	-1.28	11.00	4.00		Pass

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)	26 dB Bandwidth (MHz)	IC 99% Bandwidth Power Limit (dBm)	IC 99% Bandwidth EIRP Limit (dBm)	FCC 26dB Bandwidth Power Limit (dBm)	Note
11a	6M bps	1	100	5500	16.78	20.40	23.25	29.25	23.98	
11a	6M bps	1	116	5580	16.78	20.35	23.25	29.25	23.98	
11a	6M bps	1	140	5700	16.78	20.30	23.25	29.25	23.98	
11a	6Mbps	1	144	5720	16.78	20.35	23.25	29.25	23.98	
HT20	MCS 0	1	100	5500	17.68	20.50	23.48	29.48	23.98	
HT20	MCS 0	1	116	5580	17.68	20.50	23.48	29.48	23.98	
HT20	MCS 0	1	140	5700	17.68	20.55	23.48	29.48	23.98	
HT20	MCS0	1	144	5720	17.68	20.65	23.48	29.48	23.98	
HT40	MCS 0	1	102	5510	36.16	40.50	23.98	30.00	23.98	
HT40	MCS 0	1	110	5550	36.26	40.95	23.98	30.00	23.98	
HT40	MCS 0	1	134	5670	36.26	40.95	23.98	30.00	23.98	
HT40	MCS0	1	142	5710	36.36	41.04	23.98	30.00	23.98	
VHT80	MCS 0	1	106	5530	75.40	81.60	23.98	30.00	23.98	
VHT80	MCS 0	1	122	5610	75.40	81.60	23.98	30.00	23.98	
VHT80	MCS0	1	138	5690	75.40	81.76	23.98	30.00	23.98	

TEST RESULTS DATA
6dB and 99% OBW

U-NII-2C							
Mod.	Data Rate	NTX	Channel	Freq. (MHz)	6 dB Bandwidth (MHz)	FCC 6dB Bandwidth Limit (MHz)	Pass/Fail
11a	6Mbps	1	144	5720	1.65	0.5	Pass
HT20	MCS0	1	144	5720	2.55	0.5	Pass
HT40	MCS0	1	142	5710	2.55	0.5	Pass
VHT80	MCS0	1	138	5690	2.6	0.5	Pass

TEST RESULTS DATA
Average Power Table

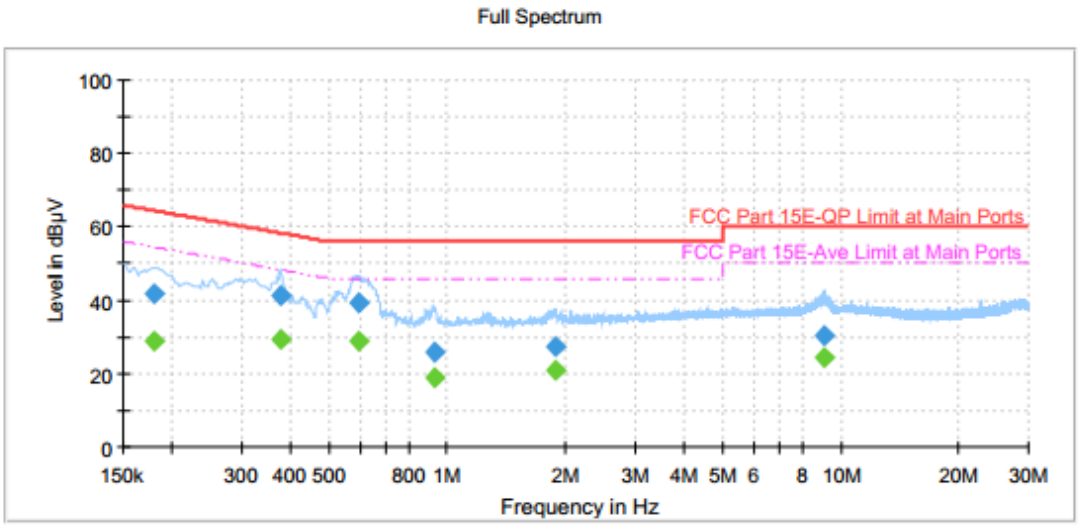
FCC U-NII-2C											
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Conducted Power (dBm)	FCC Conducted Power Limit (dBm)	DG (dBi)	EIRP Power Limit (dBm)	Pass/Fail	Power Setting
11a	6M bps	1	100	5500	0.18	16.70	23.98	4.00	26.99	Pass	17
11a	6M bps	1	116	5580	0.18	16.79	23.98	4.00	26.99	Pass	17
11a	6M bps	1	140	5700	0.18	16.52	23.98	4.00	26.99	Pass	17
11a	6M bps	1	144	5720	0.18	16.54	23.98	4.00	26.99	Pass	17
HT20	MCS 0	1	100	5500	0.17	16.63	23.98	4.00	26.99	Pass	17
HT20	MCS 0	1	116	5580	0.17	16.65	23.98	4.00	26.99	Pass	17
HT20	MCS 0	1	140	5700	0.17	16.62	23.98	4.00	26.99	Pass	17
HT20	MCS 0	1	144	5720	0.17	16.59	23.98	4.00	26.99	Pass	17
HT40	MCS 0	1	102	5510	0.34	15.81	23.98	4.00	26.99	Pass	16
HT40	MCS 0	1	110	5550	0.34	15.74	23.98	4.00	26.99	Pass	16
HT40	MCS 0	1	134	5670	0.34	15.78	23.98	4.00	26.99	Pass	16
HT40	MCS 0	1	142	5710	0.34	15.70	23.98	4.00	26.99	Pass	16
VHT20	MCS 0	1	100	5500	0.16	16.53	23.98	4.00	26.99	Pass	17
VHT20	MCS 0	1	116	5580	0.16	16.52	23.98	4.00	26.99	Pass	17
VHT20	MCS 0	1	140	5700	0.16	16.54	23.98	4.00	26.99	Pass	17
VHT20	MCS 0	1	144	5720	0.16	16.50	23.98	4.00	26.99	Pass	17
VHT40	MCS 0	1	102	5510	0.32	15.73	23.98	4.00	26.99	Pass	16
VHT40	MCS 0	1	110	5550	0.32	15.68	23.98	4.00	26.99	Pass	16
VHT40	MCS 0	1	134	5670	0.32	15.69	23.98	4.00	26.99	Pass	16
VHT40	MCS 0	1	142	5710	0.32	15.61	23.98	4.00	26.99	Pass	16
VHT80	MCS 0	1	106	5530	0.65	15.54	23.98	4.00	26.99	Pass	16
VHT80	MCS 0	1	122	5610	0.65	15.62	23.98	4.00	26.99	Pass	16
VHT80	MCS 0	1	138	5690	0.65	15.56	23.98	4.00	26.99	Pass	16

TEST RESULTS DATA
Power Spectral Density

U-NII-2C										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)	Average Power Density (dBm/MHz)	Average PSD Limit (dBm/MHz)	DG (dBi)		Pass/Fail
11a	6M bps	1	100	5500	0.18	6.20	11.00	4.00		Pass
11a	6M bps	1	116	5580	0.18	6.36	11.00	4.00		Pass
11a	6M bps	1	140	5700	0.18	6.12	11.00	4.00		Pass
11a	6Mbps	1	144	5720	0.18	6.06	11.00	4.00		Pass
HT20	MCS 0	1	100	5500	0.17	5.92	11.00	4.00		Pass
HT20	MCS 0	1	116	5580	0.17	5.99	11.00	4.00		Pass
HT20	MCS 0	1	140	5700	0.17	5.89	11.00	4.00		Pass
HT20	MCS0	1	144	5720	0.17	5.93	11.00	4.00		Pass
HT40	MCS 0	1	102	5510	0.34	2.27	11.00	4.00		Pass
HT40	MCS 0	1	110	5550	0.34	2.22	11.00	4.00		Pass
HT40	MCS 0	1	134	5670	0.34	2.26	11.00	4.00		Pass
HT40	MCS0	1	142	5710	0.34	2.27	11.00	4.00		Pass
VHT80	MCS 0	1	106	5530	0.65	-0.80	11.00	4.00		Pass
VHT80	MCS 0	1	122	5610	0.65	-0.59	11.00	4.00		Pass
VHT80	MCS0	1	138	5690	0.65	-0.81	11.00	4.00		Pass

Appendix B. AC Conducted Emission Test Results

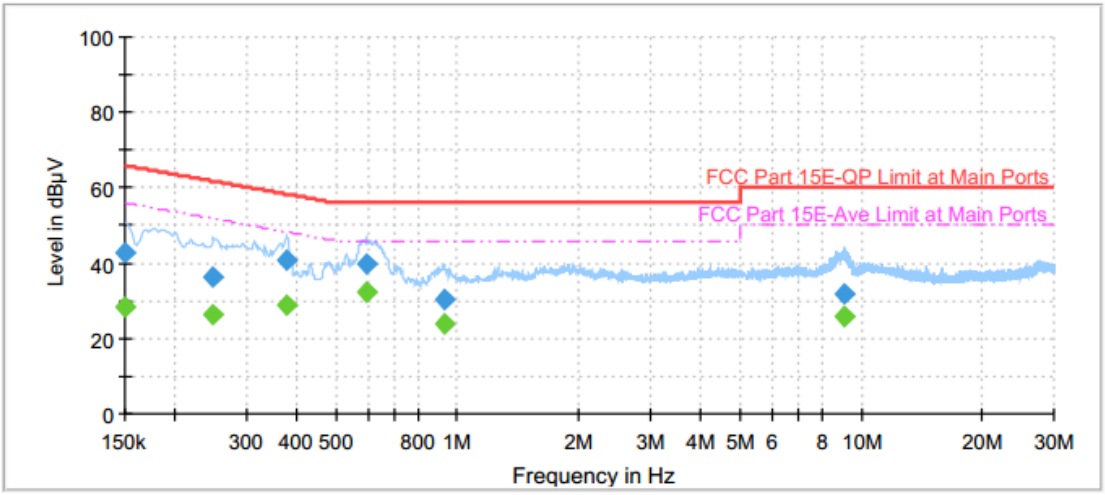
Test Engineer :	TaoZhang	**Temperature :**	22~25℃
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.180420	41.79	---	64.47	22.67	L1	OFF	19.7
0.180420	---	29.04	54.47	25.43	L1	OFF	19.7
0.377160	41.38	---	58.34	16.96	L1	OFF	19.7
0.377160	---	29.35	48.34	18.99	L1	OFF	19.7
0.593250	39.52	---	56.00	16.48	L1	OFF	19.8
0.593250	---	28.95	46.00	17.05	L1	OFF	19.8
0.926250	25.98	---	56.00	30.02	L1	OFF	19.8
0.926250	---	19.12	46.00	26.88	L1	OFF	19.8
1.886910	27.21	---	56.00	28.79	L1	OFF	19.8
1.886910	---	20.68	46.00	25.32	L1	OFF	19.8
9.071250	30.13	---	60.00	29.87	L1	OFF	20.0
9.071250	---	24.47	50.00	25.53	L1	OFF	20.0

Test Engineer :	TaoZhang	**Temperature :**	22~25℃
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Final_Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.150540	42.54	---	65.97	23.43	N	OFF	19.7
0.150540	---	28.55	55.97	27.42	N	OFF	19.7
0.248100	36.26	---	61.82	25.56	N	OFF	19.7
0.248100	---	26.49	51.82	25.34	N	OFF	19.7
0.376080	41.03	---	58.37	17.34	N	OFF	19.7
0.376080	---	28.89	48.37	19.48	N	OFF	19.7
0.597750	39.95	---	56.00	16.05	N	OFF	19.7
0.597750	---	32.43	46.00	13.57	N	OFF	19.7
0.925530	30.12	---	56.00	25.88	N	OFF	19.7
0.925530	---	23.70	46.00	22.30	N	OFF	19.7
9.109770	31.96	---	60.00	28.04	N	OFF	20.0
9.109770	---	25.64	50.00	24.36	N	OFF	20.0

Appendix C. Radiated Spurious Emission

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5139.88	55.51	-18.49	74	41.85	34.42	9.74	30.5	100	248	P	H
		5149.76	45.47	-8.53	54	31.81	34.42	9.74	30.5	100	248	A	H
	*	5180	109.59	-	-	95.86	34.45	9.78	30.5	100	248	P	H
	*	5180	101.99	-	-	88.26	34.45	9.78	30.5	100	248	A	H
		5039.78	53.29	-20.71	74	39.79	34.34	9.66	30.5	355	358	P	V
		5149.76	42.82	-11.18	54	29.16	34.42	9.74	30.5	355	358	A	V
	*	5180	103.3	-	-	89.57	34.45	9.78	30.5	355	358	P	V
	*	5180	94.99	-	-	81.26	34.45	9.78	30.5	355	358	A	V
802.11a CH 48 5240MHz		5128.18	54.05	-19.95	74	40.4	34.41	9.74	30.5	100	238	P	H
		5150	43.22	-10.78	54	29.56	34.42	9.74	30.5	100	238	A	H
	*	5240	109.27	-	-	95.46	34.49	9.82	30.5	100	238	P	H
	*	5240	102.02	-	-	88.21	34.49	9.82	30.5	100	238	A	H
		5418.24	50.91	-23.09	74	36.94	34.63	9.84	30.5	100	238	P	H
		5351.76	41.37	-12.63	54	27.45	34.58	9.84	30.5	100	238	A	H
		5129.74	53.3	-20.7	74	39.65	34.41	9.74	30.5	390	359	P	V
		5112.84	42.43	-11.57	54	28.84	34.39	9.7	30.5	390	359	A	V
	*	5240	104.1	-	-	90.29	34.49	9.82	30.5	390	359	P	V
	*	5240	97.07	-	-	83.26	34.49	9.82	30.5	390	359	A	V
		5436.48	51.58	-22.42	74	37.55	34.65	9.88	30.5	390	359	P	V
		5459.52	41.18	-12.82	54	27.14	34.66	9.88	30.5	390	359	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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		10360	47.52	-20.78	68.3	56.77	37.62	13.48	60.35	-	-	P	H
		15540	49.7	-24.3	74	52.17	40.56	15.54	58.57	-	-	P	H
		10360	46.17	-22.13	68.3	55.42	37.62	13.48	60.35	-	-	P	V
		15540	49.17	-24.83	74	51.64	40.56	15.54	58.57	-	-	P	V
802.11a CH 44 5220MHz		10440	48.13	-20.17	68.3	57.33	37.66	13.51	60.37	-	-	P	H
		15660	49.57	-24.43	74	52.22	40.6	15.56	58.81	-	-	P	H
		10440	46.34	-21.96	68.3	55.54	37.66	13.51	60.37	-	-	P	V
		15660	49.87	-24.13	74	52.52	40.6	15.56	58.81	-	-	P	V
802.11a CH 48 5240MHz		10480	47.46	-20.84	68.3	56.63	37.69	13.53	60.39	-	-	P	H
		15720	47.42	-26.58	74	50.18	40.62	15.57	58.95	-	-	P	H
		10480	46.45	-21.85	68.3	55.62	37.69	13.53	60.39	-	-	P	V
		15720	48.96	-25.04	74	51.72	40.62	15.57	58.95	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		5136.24	56.52	-17.48	74	42.87	34.41	9.74	30.5	100	249	P	H
		5150	46.15	-7.85	54	32.49	34.42	9.74	30.5	100	249	A	H
802.11n	*	5180	109.75	-	-	96.02	34.45	9.78	30.5	100	249	P	H
HT20	*	5180	103.25	-	-	89.52	34.45	9.78	30.5	100	249	A	H
CH 36		5102.18	52.7	-21.3	74	39.12	34.38	9.7	30.5	354	358	P	V
5180MHz		5150	42.89	-11.11	54	29.23	34.42	9.74	30.5	354	358	A	V
	*	5180	102.4	-	-	88.67	34.45	9.78	30.5	354	358	P	V
	*	5180	95.03	-	-	81.3	34.45	9.78	30.5	354	358	A	V
		5129.74	53.14	-20.86	74	39.49	34.41	9.74	30.5	100	247	P	H
		5143.52	43.28	-10.72	54	29.62	34.42	9.74	30.5	100	247	A	H
	*	5240	108.85	-	-	95.04	34.49	9.82	30.5	100	247	P	H
	*	5240	102.07	-	-	88.26	34.49	9.82	30.5	100	247	A	H
802.11n		5451.6	51.65	-22.35	74	37.61	34.66	9.88	30.5	100	247	P	H
HT20		5352	41.55	-12.45	54	27.63	34.58	9.84	30.5	100	247	A	H
CH 48		5029.64	53.76	-20.24	74	40.31	34.33	9.62	30.5	390	359	P	V
5240MHz		5111.8	42.45	-11.55	54	28.86	34.39	9.7	30.5	390	359	A	V
	*	5240	102.93	-	-	89.12	34.49	9.82	30.5	390	359	P	V
	*	5240	95.41	-	-	81.6	34.49	9.82	30.5	390	359	A	V
		5359.68	52.12	-21.88	74	38.2	34.58	9.84	30.5	390	359	P	V
		5460	41.22	-12.78	54	27.18	34.66	9.88	30.5	390	359	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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		10360	48.52	-19.78	68.3	57.77	37.62	13.48	60.35	-	-	P	H
HT20		15540	49.7	-24.3	74	52.17	40.56	15.54	58.57	-	-	P	H
CH 36		10360	46.17	-22.13	68.3	55.42	37.62	13.48	60.35	-	-	P	V
5180MHz		15540	49.17	-24.83	74	51.64	40.56	15.54	58.57	-	-	P	V
802.11n		10440	48.13	-20.17	68.3	57.33	37.66	13.51	60.37	-	-	P	H
HT20		15660	48.57	-25.43	74	51.22	40.6	15.56	58.81	-	-	P	H
CH 44		10440	48.34	-19.96	68.3	57.54	37.66	13.51	60.37	-	-	P	V
5220MHz		15660	49.27	-24.73	74	51.92	40.6	15.56	58.81	-	-	P	V
802.11n		10480	47.94	-20.36	68.3	57.11	37.69	13.53	60.39	-	-	P	H
HT20		15720	48.42	-25.58	74	51.18	40.62	15.57	58.95	-	-	P	H
CH 48		10480	46.71	-21.59	68.3	55.88	37.69	13.53	60.39	-	-	P	V
5240MHz		15720	48.91	-25.09	74	51.67	40.62	15.57	58.95	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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		5148.46	57.31	-16.69	74	43.65	34.42	9.74	30.5	100	249	P	H
		5149.5	47.03	-6.97	54	33.37	34.42	9.74	30.5	100	249	A	H
	*	5190	105.42	-	-	91.69	34.45	9.78	30.5	100	249	P	H
	*	5190	97.98	-	-	84.25	34.45	9.78	30.5	100	249	A	H
		5356.68	50.28	-23.72	74	36.36	34.58	9.84	30.5	100	249	P	H
		5459.16	41.26	-12.74	54	27.22	34.66	9.88	30.5	100	249	A	H
		5062.92	53.23	-20.77	74	39.72	34.35	9.66	30.5	372	358	P	V
		5149.5	42.69	-11.31	54	29.03	34.42	9.74	30.5	372	358	A	V
	*	5190	99.07	-	-	85.34	34.45	9.78	30.5	372	358	P	V
	*	5190	92.33	-	-	78.6	34.45	9.78	30.5	372	358	A	V
		5394.76	49.37	-24.63	74	35.41	34.62	9.84	30.5	372	358	P	V
		5459.16	41.14	-12.86	54	27.1	34.66	9.88	30.5	372	358	A	V
802.11n HT40 CH 46 5230MHz		5102.96	53.41	-20.59	74	39.83	34.38	9.7	30.5	100	246	P	H
		5142.48	43.89	-10.11	54	30.23	34.42	9.74	30.5	100	246	A	H
	*	5230	105.82	-	-	92.01	34.49	9.82	30.5	100	246	P	H
	*	5230	99.15	-	-	85.34	34.49	9.82	30.5	100	246	A	H
		5460	51.19	-17.11	68.3	37.15	34.66	9.88	30.5	100	246	P	H
		5362.56	41.69	-12.31	54	27.76	34.59	9.84	30.5	100	246	A	H
		5086.32	53.16	-20.84	74	39.59	34.37	9.7	30.5	390	359	P	V
		5115.96	42.63	-11.37	54	29	34.39	9.74	30.5	390	359	A	V
	*	5230	99.86	-	-	86.05	34.49	9.82	30.5	390	359	P	V
	*	5230	93.42	-	-	79.61	34.49	9.82	30.5	390	359	A	V
		5429.04	51.48	-22.52	74	37.45	34.65	9.88	30.5	390	359	P	V
		5459.76	41.31	-12.69	54	27.27	34.66	9.88	30.5	390	359	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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		10380	46.46	-21.84	68.3	55.68	37.63	13.5	60.35	-	-	P	H
		15570	48.63	-25.37	74	51.15	40.57	15.55	58.64	-	-	P	H
		10380	45.66	-22.64	68.3	54.88	37.63	13.5	60.35	-	-	P	V
		15570	49.04	-24.96	74	51.56	40.57	15.55	58.64	-	-	P	V
802.11n HT40 CH 46 5230MHz		10460	47.41	-20.89	68.3	56.59	37.67	13.53	60.38	-	-	P	H
		15690	50.17	-23.83	74	52.87	40.61	15.57	58.88	-	-	P	H
		10460	46.46	-21.84	68.3	55.64	37.67	13.53	60.38	-	-	P	V
		15690	50.18	-23.82	74	52.88	40.61	15.57	58.88	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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		5145.86	60.52	-13.48	74	46.86	34.42	9.74	30.5	100	248	P	H
		5149.76	50.26	-3.74	54	36.6	34.42	9.74	30.5	100	248	A	H
	*	5210	102.91	-	-	89.12	34.47	9.82	30.5	100	248	P	H
	*	5210	96.14	-	-	82.35	34.47	9.82	30.5	100	248	A	H
		5358.24	52.05	-21.95	74	38.13	34.58	9.84	30.5	100	248	P	H
		5357.28	41.54	-12.46	54	27.62	34.58	9.84	30.5	100	248	A	H
		5149.24	54.24	-19.76	74	40.58	34.42	9.74	30.5	374	358	P	V
		5149.76	44.33	-9.67	54	30.67	34.42	9.74	30.5	374	358	A	V
	*	5210	97.59	-	-	83.8	34.47	9.82	30.5	374	358	P	V
	*	5210	90.03	-	-	76.24	34.47	9.82	30.5	374	358	A	V
		5388.48	52.53	-21.47	74	38.58	34.61	9.84	30.5	374	358	P	V
		5458.8	41.3	-12.7	54	27.26	34.66	9.88	30.5	374	358	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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		10420	48.53	-19.77	68.3	57.74	37.65	13.51	60.37	-	-	P	H
VHT80		15630	48.77	-25.23	74	51.4	40.59	15.56	58.78	-	-	P	H
CH 42		10420	45.94	-22.36	68.3	55.15	37.65	13.51	60.37	-	-	P	V
5210MHz		15630	49.36	-24.64	74	51.99	40.59	15.56	58.78	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 52 5260MHz		5107.9	53.27	-20.73	74	39.68	34.39	9.7	30.5	100	247	P	H
		5140.14	43.15	-10.85	54	29.49	34.42	9.74	30.5	100	247	A	H
	*	5260	109.23	-	-	95.4	34.51	9.82	30.5	100	247	P	H
	*	5260	102.07	-	-	88.24	34.51	9.82	30.5	100	247	A	H
		5459.76	51.16	-22.84	74	37.12	34.66	9.88	30.5	100	247	P	H
		5358.96	42.08	-11.92	54	28.16	34.58	9.84	30.5	100	247	A	H
		5111.28	52.25	-21.75	74	38.66	34.39	9.7	30.5	390	359	P	V
		5099.58	42.46	-11.54	54	28.88	34.38	9.7	30.5	390	359	A	V
	*	5260	103.4	-	-	89.57	34.51	9.82	30.5	390	359	P	V
	*	5260	96.28	-	-	82.45	34.51	9.82	30.5	390	359	A	V
		5395.44	50.73	-23.27	74	36.77	34.62	9.84	30.5	390	359	P	V
		5459.76	41.31	-12.69	54	27.27	34.66	9.88	30.5	390	359	A	V
802.11a CH 64 5320MHz	*	5320	109.52	-	-	95.64	34.55	9.83	30.5	100	248	P	H
	*	5320	102.12	-	-	88.24	34.55	9.83	30.5	100	248	A	H
		5358.4	55.07	-18.93	74	41.15	34.58	9.84	30.5	100	248	P	H
		5350.08	45.33	-8.67	54	31.41	34.58	9.84	30.5	100	248	A	H
	*	5320	102.2	-	-	88.32	34.55	9.83	30.5	381	360	P	V
	*	5320	95.15	-	-	81.27	34.55	9.83	30.5	381	360	A	V
		5431.68	50.88	-23.12	74	36.85	34.65	9.88	30.5	381	360	P	V
		5350.24	42.19	-11.81	54	28.27	34.58	9.84	30.5	381	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 52 5260MHz		10520	47.92	-20.38	68.3	56.98	37.71	13.55	60.32	-	-	P	H
		15780	49.05	-24.95	74	51.88	40.63	15.59	59.05	-	-	P	H
		10520	46.98	-21.32	68.3	56.04	37.71	13.55	60.32	-	-	P	V
		15780	48.03	-25.97	74	50.86	40.63	15.59	59.05	-	-	P	V
802.11a CH 60 5300MHz		10600	47.15	-26.85	74	55.73	37.78	13.58	59.94	-	-	P	H
		15900	48.75	-25.25	74	51.76	40.67	15.61	59.29	-	-	P	H
		10600	46.99	-27.01	74	55.57	37.78	13.58	59.94	-	-	P	V
		15900	48.89	-25.11	74	51.9	40.67	15.61	59.29	-	-	P	V
802.11a CH 64 5320MHz		10640	47.3	-26.7	74	55.68	37.81	13.6	59.79	-	-	P	H
		15960	48.25	-25.75	74	51.36	40.69	15.63	59.43	-	-	P	H
		10640	47.26	-26.74	74	55.64	37.81	13.6	59.79	-	-	P	V
		15960	48.07	-25.93	74	51.18	40.69	15.63	59.43	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					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)
		5135.2	53.39	-20.61	74	39.74	34.41	9.74	30.5	102	249	P	H
		5139.88	43.47	-10.53	54	29.81	34.42	9.74	30.5	102	249	A	H
	*	5260	108.9	-	-	95.07	34.51	9.82	30.5	102	249	P	H
	*	5260	102.1	-	-	88.27	34.51	9.82	30.5	102	249	A	H
802.11n		5377.2	50.56	-23.44	74	36.63	34.59	9.84	30.5	102	249	P	H
HT20		5353.68	42.31	-11.69	54	28.39	34.58	9.84	30.5	102	249	A	H
CH 52		5077.22	51.42	-22.58	74	37.85	34.37	9.7	30.5	390	360	P	V
5260MHz		5112.84	42.57	-11.43	54	28.98	34.39	9.7	30.5	390	360	A	V
	*	5260	104.51	-	-	90.68	34.51	9.82	30.5	390	360	P	V
	*	5260	97.05	-	-	83.22	34.51	9.82	30.5	390	360	A	V
		5362.56	50.57	-23.43	74	36.64	34.59	9.84	30.5	390	360	P	V
		5459.76	41.42	-12.58	54	27.38	34.66	9.88	30.5	390	360	A	V
	*	5320	108.48	-	-	94.6	34.55	9.83	30.5	100	247	P	H
	*	5320	101.53	-	-	87.65	34.55	9.83	30.5	100	247	A	H
802.11n		5394.72	52.8	-21.2	74	38.84	34.62	9.84	30.5	100	247	P	H
HT20		5350.08	44.82	-9.18	54	30.9	34.58	9.84	30.5	100	247	A	H
CH 64	*	5320	102.98	-	-	89.1	34.55	9.83	30.5	390	360	P	V
5320MHz	*	5320	96.05	-	-	82.17	34.55	9.83	30.5	390	360	A	V
		5366.88	50.96	-23.04	74	37.03	34.59	9.84	30.5	390	360	P	V
		5350.08	42.15	-11.85	54	28.23	34.58	9.84	30.5	390	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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		10520	47.92	-20.38	68.3	56.98	37.71	13.55	60.32	-	-	P	H
HT20		15780	49.62	-24.38	74	52.45	40.63	15.59	59.05	-	-	P	H
CH 52		10520	46.48	-21.82	68.3	55.54	37.71	13.55	60.32	-	-	P	V
5260MHz		15780	50.03	-23.97	74	52.86	40.63	15.59	59.05	-	-	P	V
802.11n		10600	47.23	-26.77	74	55.81	37.78	13.58	59.94	-	-	P	H
HT20		15900	49.35	-24.65	74	52.36	40.67	15.61	59.29	-	-	P	H
CH 60		10600	46.99	-27.01	74	55.57	37.78	13.58	59.94	-	-	P	V
5300MHz		15900	48.89	-25.11	74	51.9	40.67	15.61	59.29	-	-	P	V
802.11n		10640	47.3	-26.7	74	55.68	37.81	13.6	59.79	-	-	P	H
HT20		15960	48.25	-25.75	74	51.36	40.69	15.63	59.43	-	-	P	H
CH 64		10640	47.26	-26.74	74	55.64	37.81	13.6	59.79	-	-	P	V
5320MHz		15960	48.85	-25.15	74	51.96	40.69	15.63	59.43	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 54 5270MHz		5098.7	53.66	-20.34	74	40.08	34.38	9.7	30.5	102	248	P	H
		5138.6	43.3	-10.7	54	29.65	34.41	9.74	30.5	102	248	A	H
	*	5270	106.2	-	-	92.37	34.51	9.82	30.5	102	248	P	H
	*	5270	99.1	-	-	85.27	34.51	9.82	30.5	102	248	A	H
		5366.88	53.04	-20.96	74	39.11	34.59	9.84	30.5	102	248	P	H
		5352.72	42.63	-11.37	54	28.71	34.58	9.84	30.5	102	248	A	H
		5091	51.82	-22.18	74	38.24	34.38	9.7	30.5	388	360	P	V
		5110.95	42.71	-11.29	54	29.12	34.39	9.7	30.5	388	360	A	V
	*	5270	100.35	-	-	86.52	34.51	9.82	30.5	388	360	P	V
	*	5270	93.1	-	-	79.27	34.51	9.82	30.5	388	360	A	V
		5369.28	51.2	-22.8	74	37.27	34.59	9.84	30.5	388	360	P	V
		5458.56	41.4	-12.6	54	27.36	34.66	9.88	30.5	388	360	A	V
802.11n HT40 CH 62 5310MHz		5135.8	53.04	-20.96	74	39.39	34.41	9.74	30.5	100	247	P	H
		5136.85	42.98	-11.02	54	29.33	34.41	9.74	30.5	100	247	A	H
	*	5310	106.58	-	-	92.7	34.55	9.83	30.5	100	247	P	H
	*	5310	98.12	-	-	84.24	34.55	9.83	30.5	100	247	A	H
		5357.52	54.7	-19.3	74	40.78	34.58	9.84	30.5	100	247	P	H
		5350.56	45.17	-8.83	54	31.25	34.58	9.84	30.5	100	247	A	H
		5066.5	52.23	-21.77	74	38.72	34.35	9.66	30.5	390	360	P	V
		5072.45	42.62	-11.38	54	29.09	34.37	9.66	30.5	390	360	A	V
	*	5310	98.01	-	-	84.13	34.55	9.83	30.5	390	360	P	V
	*	5310	91.15	-	-	77.27	34.55	9.83	30.5	390	360	A	V
		5360.64	51.52	-22.48	74	37.59	34.59	9.84	30.5	390	360	P	V
		5350.56	42.25	-11.75	54	28.33	34.58	9.84	30.5	390	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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		10540	47.04	-21.26	68.3	55.99	37.73	13.57	60.25	-	-	P	H
HT40		15810	49.28	-24.72	74	52.16	40.64	15.6	59.12	-	-	P	H
CH 54		10540	46.48	-21.82	68.3	55.43	37.73	13.57	60.25	-	-	P	V
5270MHz		15810	50.59	-23.41	74	53.47	40.64	15.6	59.12	-	-	P	V
802.11n		10620	48.14	-25.86	74	56.61	37.8	13.6	59.87	-	-	P	H
HT40		15930	49.91	-24.09	74	52.97	40.68	15.62	59.36	-	-	P	H
CH 62		10620	46.3	-27.7	74	54.77	37.8	13.6	59.87	-	-	P	V
5310MHz		15930	49.22	-24.78	74	52.28	40.68	15.62	59.36	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 58 5290MHz		5139.3	54.24	-19.76	74	40.59	34.41	9.74	30.5	100	257	P	H
		5145.25	43.27	-10.73	54	29.61	34.42	9.74	30.5	100	257	A	H
	*	5290	103.07	-	-	89.21	34.53	9.83	30.5	100	257	P	H
		5290	95.11	-	-	81.25	34.53	9.83	30.5	100	257	A	H
		5365.68	55.86	-18.14	74	41.93	34.59	9.84	30.5	100	257	P	H
		5350.32	49.87	-4.13	54	35.95	34.58	9.84	30.5	100	257	A	H
		5010.15	53.58	-20.42	74	40.15	34.31	9.62	30.5	379	355	P	V
		5049	42.47	-11.53	54	28.97	34.34	9.66	30.5	379	355	A	V
	*	5290	95.93	-	-	82.07	34.53	9.83	30.5	379	355	P	V
		5290	89.2	-	-	75.34	34.53	9.83	30.5	379	355	A	V
		5405.28	52.44	-21.56	74	38.48	34.62	9.84	30.5	379	355	P	V
		5350.32	42.41	-11.59	54	28.49	34.58	9.84	30.5	379	355	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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		10580	47.41	-20.89	68.3	56.08	37.77	13.58	60.02	-	-	P	H
VHT80		15870	49.38	-24.62	74	52.37	40.66	15.61	59.26	-	-	P	H
CH 58		10580	46.41	-21.89	68.3	55.08	37.77	13.58	60.02	-	-	P	V
5290MHz		15870	49.82	-24.18	74	52.81	40.66	15.61	59.26	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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 100 5500MHz		5441.68	53.5	-20.5	74	39.47	34.65	9.88	30.5	287	245	P	H
		5469.84	52.3	-16	68.3	38.21	34.67	9.92	30.5	287	245	P	H
		5459.92	43.31	-10.69	54	29.27	34.66	9.88	30.5	287	245	A	H
	*	5500	107.1	-	-	92.98	34.7	9.92	30.5	287	245	P	H
	*	5500	99.98	-	-	85.86	34.7	9.92	30.5	287	245	A	H
		5447.6	51.96	-22.04	74	37.92	34.66	9.88	30.5	298	204	P	V
		5469.36	50.9	-17.4	68.3	36.81	34.67	9.92	30.5	298	204	P	V
		5460	42.24	-11.76	54	28.2	34.66	9.88	30.5	298	204	A	V
	*	5500	103.45	-	-	89.33	34.7	9.92	30.5	298	204	P	V
	*	5500	96.35	-	-	82.23	34.7	9.92	30.5	298	204	A	V
802.11a CH 140 5700MHz	*	5700	107.53	-	-	92.99	35	10.12	30.58	285	224	P	H
	*	5700	100.1	-	-	85.56	35	10.12	30.58	285	224	A	H
		5726.2	56.94	-11.36	68.3	42.35	35.06	10.12	30.59	285	224	P	H
	*	5700	104.37	-	-	89.83	35	10.12	30.58	386	180	P	V
	*	5700	96.74	-	-	82.2	35	10.12	30.58	386	180	A	V
		5725	54.39	-13.91	68.3	39.8	35.06	10.12	30.59	386	180	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 100 5500MHz		11000	49.74	-24.26	74	56.08	38.1	13.76	58.2	-	-	P	H
		16500	50.29	-18.01	68.3	50.74	40.95	16.1	57.5	-	-	P	H
		11000	49.23	-24.77	74	55.57	38.1	13.76	58.2	-	-	P	V
		16500	50.48	-17.82	68.3	50.93	40.95	16.1	57.5	-	-	P	V
802.11a CH 116 5580MHz		11160	49.84	-24.16	74	55.93	38.27	13.74	58.1	-	-	P	H
		16740	50.81	-17.49	68.3	50.45	41.07	16.36	57.07	-	-	P	H
		11160	50.44	-23.56	74	56.53	38.27	13.74	58.1	-	-	P	V
		16740	50.77	-17.53	68.3	50.41	41.07	16.36	57.07	-	-	P	V
802.11a CH 140 5700MHz		11400	49.35	-24.65	74	55.1	38.5	13.71	57.96	-	-	P	H
		17100	51.08	-17.22	68.3	49.98	41.24	16.56	56.7	-	-	P	H
		11400	49.22	-24.78	74	54.97	38.5	13.71	57.96	-	-	P	V
		17100	51.54	-16.76	68.3	50.44	41.24	16.56	56.7	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
		5450.96	51.54	-22.46	74	37.5	34.66	9.88	30.5	315	251	P	H
		5469.04	55.85	-12.45	68.3	41.76	34.67	9.92	30.5	315	251	P	H
		5459.76	43.16	-10.84	54	29.12	34.66	9.88	30.5	315	251	A	H
802.11n	*	5500	107.74	-	-	93.62	34.7	9.92	30.5	315	251	P	H
HT20	*	5500	99.88	-	-	85.76	34.7	9.92	30.5	315	251	A	H
CH 100		5404.56	51.43	-22.57	74	37.47	34.62	9.84	30.5	308	198	P	V
5500MHz		5464.56	51.67	-16.63	68.3	37.62	34.67	9.88	30.5	308	198	P	V
		5460	42.09	-11.91	54	28.05	34.66	9.88	30.5	308	198	A	V
	*	5500	102.56	-	-	88.44	34.7	9.92	30.5	308	198	P	V
	*	5500	96.48	-	-	82.36	34.7	9.92	30.5	308	198	A	V
	*	5700	107.01	-	-	92.47	35	10.12	30.58	330	214	P	H
802.11n	*	5700	99.57	-	-	85.03	35	10.12	30.58	330	214	A	H
HT20		5725.8	59.44	-8.86	68.3	44.85	35.06	10.12	30.59	330	214	P	H
CH 140	*	5700	103.9	-	-	89.36	35	10.12	30.58	389	157	P	V
5700MHz	*	5700	96.5	-	-	81.96	35	10.12	30.58	389	157	A	V
		5725	54.9	-13.4	68.3	40.31	35.06	10.12	30.59	389	157	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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		11000	49.5	-24.5	74	55.84	38.1	13.76	58.2	-	-	P	H
HT20		16500	50.94	-17.36	68.3	51.39	40.95	16.1	57.5	-	-	P	H
CH 100		11000	49.28	-24.72	74	55.62	38.1	13.76	58.2	-	-	P	V
5500MHz		16500	51.13	-17.17	68.3	51.58	40.95	16.1	57.5	-	-	P	V
802.11n		11160	49.97	-24.03	74	56.06	38.27	13.74	58.1	-	-	P	H
HT20		16740	51.2	-17.1	68.3	50.84	41.07	16.36	57.07	-	-	P	H
CH 116		11160	50.25	-23.75	74	56.34	38.27	13.74	58.1	-	-	P	V
5580MHz		16740	50.83	-17.47	68.3	50.47	41.07	16.36	57.07	-	-	P	V
802.11n		11400	49.14	-24.86	74	54.89	38.5	13.71	57.96	-	-	P	H
HT20		17100	50.82	-17.48	68.3	49.72	41.24	16.56	56.7	-	-	P	H
CH 140		11400	49.26	-24.74	74	55.01	38.5	13.71	57.96	-	-	P	V
5700MHz		17100	51.89	-16.41	68.3	50.79	41.24	16.56	56.7	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 102 5510MHz		5453.44	53.63	-20.37	74	39.59	34.66	9.88	30.5	233	255	P	H
		5470	55.4	-12.9	68.3	41.31	34.67	9.92	30.5	233	255	P	H
		5459.92	44.25	-9.75	54	30.21	34.66	9.88	30.5	233	255	A	H
	*	5510	104.61	-	-	90.45	34.7	9.97	30.51	233	255	P	H
	*	5510	97.84	-	-	83.68	34.7	9.97	30.51	233	255	A	H
		5760.905	51.06	-17.24	68.3	36.41	35.11	10.14	30.6	233	255	P	H
		5415.76	52.91	-21.09	74	38.94	34.63	9.84	30.5	390	166	P	V
		5464.96	51.94	-16.36	68.3	37.89	34.67	9.88	30.5	390	166	P	V
		5459.92	42.03	-11.97	54	27.99	34.66	9.88	30.5	390	166	A	V
	*	5510	100.1	-	-	85.94	34.7	9.97	30.51	390	166	P	V
	*	5510	92.12	-	-	77.96	34.7	9.97	30.51	390	166	A	V
		5731.61	51.27	-17.03	68.3	36.68	35.06	10.12	30.59	390	166	P	V
802.11n HT40 CH 134 5670MHz		5396.9	51.27	-22.73	74	37.31	34.62	9.84	30.5	229	256	P	H
		5470.05	50.24	-18.06	68.3	36.15	34.67	9.92	30.5	229	256	P	H
		5459.55	41.56	-12.44	54	27.52	34.66	9.88	30.5	229	256	A	H
	*	5670	104.5	-	-	90	34.98	10.09	30.57	229	256	P	H
	*	5670	97.99	-	-	83.49	34.98	10.09	30.57	229	256	A	H
		5727.55	52.74	-15.56	68.3	38.15	35.06	10.12	30.59	229	256	P	H
		5424.9	50.18	-23.82	74	36.21	34.63	9.84	30.5	370	163	P	V
		5463.4	49.92	-18.38	68.3	35.87	34.67	9.88	30.5	370	163	P	V
		5459.55	41.32	-12.68	54	27.28	34.66	9.88	30.5	370	163	A	V
	*	5670	100.23	-	-	85.73	34.98	10.09	30.57	370	163	P	V
	*	5670	92.36	-	-	77.86	34.98	10.09	30.57	370	163	A	V
		5736.125	52.34	-15.96	68.3	37.72	35.09	10.12	30.59	370	163	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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		11020	49.58	-24.42	74	55.89	38.12	13.76	58.19	-	-	P	H
HT40		16530	51.02	-17.28	68.3	51.36	40.97	16.13	57.44	-	-	P	H
CH 102		11020	49.72	-24.28	74	56.03	38.12	13.76	58.19	-	-	P	V
5510MHz		16530	50.51	-17.79	68.3	50.85	40.97	16.13	57.44	-	-	P	V
802.11n		11100	49.55	-24.45	74	55.74	38.2	13.75	58.14	-	-	P	H
HT40		16650	51.58	-16.72	68.3	51.52	41.03	16.25	57.22	-	-	P	H
CH 110		11100	49.59	-24.41	74	55.78	38.2	13.75	58.14	-	-	P	V
5550MHz		16650	51.01	-17.29	68.3	50.95	41.03	16.25	57.22	-	-	P	V
802.11n		11340	48.61	-25.39	74	54.46	38.43	13.72	58	-	-	P	H
HT40		17010	50.22	-18.08	68.3	49.05	41.21	16.58	56.62	-	-	P	H
CH 134		11340	48.62	-25.38	74	54.47	38.43	13.72	58	-	-	P	V
5670MHz		17010	50.48	-17.82	68.3	49.31	41.21	16.58	56.62	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
		5453.68	57.29	-16.71	74	43.25	34.66	9.88	30.5	239	253	P	H
		5464.96	59	-9.3	68.3	44.95	34.67	9.88	30.5	239	253	P	H
		5458	48.27	-5.73	54	34.23	34.66	9.88	30.5	239	253	A	H
	*	5530	101.73	-	-	87.54	34.73	9.97	30.51	239	253	P	H
802.11ac	*	5530	94.48	-	-	80.29	34.73	9.97	30.51	239	253	A	H
VHT80		5739.485	53.03	-15.27	68.3	38.4	35.09	10.14	30.6	239	253	P	H
CH 106		5459.68	53.85	-20.15	74	39.81	34.66	9.88	30.5	369	178	P	V
5530MHz		5469.52	53.82	-14.48	68.3	39.73	34.67	9.92	30.5	369	178	P	V
		5458	43.86	-10.14	54	29.82	34.66	9.88	30.5	369	178	A	V
	*	5530	98.76	-	-	84.57	34.73	9.97	30.51	369	178	P	V
	*	5530	90.67	-	-	76.48	34.73	9.97	30.51	369	178	A	V
		5731.925	52.83	-15.47	68.3	38.24	35.06	10.12	30.59	369	178	P	V
		5456.08	52.64	-21.36	74	38.6	34.66	9.88	30.5	234	261	P	H
		5466.16	53.3	-15	68.3	39.21	34.67	9.92	30.5	234	261	P	H
		5459.2	42.3	-11.7	54	28.26	34.66	9.88	30.5	234	261	A	H
	*	5610	101.61	-	-	87.24	34.87	10.05	30.55	234	261	P	H
802.11ac	*	5610	94.8	-	-	80.43	34.87	10.05	30.55	234	261	A	H
VHT80		5733.5	52.42	-15.88	68.3	37.83	35.06	10.12	30.59	234	261	P	H
CH 122		5457.76	51.55	-22.45	74	37.51	34.66	9.88	30.5	371	190	P	V
5610MHz		5464.96	51.51	-16.79	68.3	37.46	34.67	9.88	30.5	371	190	P	V
		5457.52	41.6	-12.4	54	27.56	34.66	9.88	30.5	371	190	A	V
	*	5610	96.95	-	-	82.58	34.87	10.05	30.55	371	190	P	V
	*	5610	90.61	-	-	76.24	34.87	10.05	30.55	371	190	A	V
		5730.875	53.42	-14.88	68.3	38.83	35.06	10.12	30.59	371	190	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 106 5530MHz		11060	50.83	-23.17	74	57.07	38.17	13.75	58.16	-	-	P	H
		16590	50.42	-17.88	68.3	50.55	41	16.21	57.34	-	-	P	H
		11060	49.73	-24.27	74	55.97	38.17	13.75	58.16	-	-	P	V
		16590	50.06	-18.24	68.3	50.19	41	16.21	57.34	-	-	P	V
802.11ac VHT80 CH 122 5610MHz		11220	48.9	-25.1	74	54.92	38.32	13.73	58.07	-	-	P	H
		16830	50.07	-18.23	68.3	49.42	41.12	16.44	56.91	-	-	P	H
		11220	49.67	-24.33	74	55.69	38.32	13.73	58.07	-	-	P	V
		16830	50.91	-17.39	68.3	50.26	41.12	16.44	56.91	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					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)
802.11a CH 144 5720MHz		5411.05	51.01	-22.99	74	37.05	34.62	9.84	30.5	100	233	P	H
		5469.9	49.92	-18.38	68.3	35.83	34.67	9.92	30.5	100	233	P	H
	*	5720	106.6	-	-	92.01	35.06	10.12	30.59	100	233	P	H
		5868.65	53.07	-15.23	68.3	38.22	35.28	10.21	30.64	100	233	P	H
		5460	41.35	-12.65	54	27.31	34.66	9.88	30.5	100	233	A	H
	*	5720	99.81	-	-	85.22	35.06	10.12	30.59	100	233	A	H
		5399.5	49.86	-24.14	74	35.9	34.62	9.84	30.5	378	359	P	V
		5468.25	50.36	-17.94	68.3	36.27	34.67	9.92	30.5	378	359	P	V
	*	5720	100.02	-	-	85.43	35.06	10.12	30.59	378	359	P	V
		5882.4	51.26	-17.04	68.3	36.39	35.31	10.21	30.65	378	359	P	V
		5460	41.21	-12.79	54	27.17	34.66	9.88	30.5	378	359	A	V
	*	5720	93.15	-	-	78.56	35.06	10.12	30.59	378	359	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 144 5720MHz		11440	48.82	-25.18	74	54.52	38.53	13.71	57.94	-	-	P	H
		17160	50.4	-17.9	68.3	49.35	41.27	16.55	56.77	-	-	P	H
		11440	48.79	-25.21	74	54.49	38.53	13.71	57.94	-	-	P	V
		17160	50.19	-18.11	68.3	49.14	41.27	16.55	56.77	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 144 5720MHz		5451.2	51.9	-22.1	74	37.86	34.66	9.88	30.5	100	234	P	H
		5461.65	49.95	-18.35	68.3	35.91	34.66	9.88	30.5	100	234	P	H
	*	5720	105.79	-	-	91.2	35.06	10.12	30.59	100	234	P	H
		5900	52.61	-15.69	68.3	37.7	35.33	10.24	30.66	100	234	P	H
		5460	41.33	-12.67	54	27.29	34.66	9.88	30.5	100	234	A	H
	*	5720	99.1	-	-	84.51	35.06	10.12	30.59	100	234	A	H
		5353.85	49.72	-24.28	74	35.8	34.58	9.84	30.5	376	357	P	V
		5461.1	49.54	-18.76	68.3	35.5	34.66	9.88	30.5	376	357	P	V
	*	5720	98.38	-	-	83.79	35.06	10.12	30.59	376	357	P	V
		5897.8	52.45	-15.85	68.3	37.54	35.33	10.24	30.66	376	357	P	V
		5458.9	41.21	-12.79	54	27.17	34.66	9.88	30.5	376	357	A	V
	*	5720	92.41	-	-	77.82	35.06	10.12	30.59	376	357	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 144 5720MHz		11440	50.41	-23.59	74	56.11	38.53	13.71	57.94	-	-	P	H
		17160	50.25	-18.05	68.3	49.2	41.27	16.55	56.77	-	-	P	H
		11440	50.27	-23.73	74	55.97	38.53	13.71	57.94	-	-	P	V
		17160	50.87	-17.43	68.3	49.82	41.27	16.55	56.77	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 142 5710MHz		5437.45	50.4	-23.6	74	36.37	34.65	9.88	30.5	100	233	P	H
		5463.3	49.71	-18.59	68.3	35.66	34.67	9.88	30.5	100	233	P	H
	*	5710	102.75	-	-	88.18	35.03	10.12	30.58	100	233	P	H
		5875.25	50.93	-17.37	68.3	36.06	35.31	10.21	30.65	100	233	P	H
		5460	41.33	-12.67	54	27.29	34.66	9.88	30.5	100	233	A	H
	*	5710	95.71	-	-	81.14	35.03	10.12	30.58	100	233	A	H
		5418.75	49.5	-24.5	74	35.53	34.63	9.84	30.5	379	354	P	V
		5467.15	49.52	-18.78	68.3	35.43	34.67	9.92	30.5	379	354	P	V
	*	5710	97.56	-	-	82.99	35.03	10.12	30.58	379	354	P	V
		5883.5	51.28	-17.02	68.3	36.41	35.31	10.21	30.65	379	354	P	V
		5458.35	41.19	-12.81	54	27.15	34.66	9.88	30.5	379	354	A	V
	*	5710	90.38	-	-	75.81	35.03	10.12	30.58	379	354	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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		11420	48.77	-25.23	74	54.49	38.52	13.71	57.95	-	-	P	H
HT40		17130	51.43	-16.87	68.3	50.36	41.25	16.55	56.73	-	-	P	H
CH 142		11420	49.77	-24.23	74	55.49	38.52	13.71	57.95	-	-	P	V
5710MHz		17130	51.65	-16.65	68.3	50.58	41.25	16.55	56.73	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 138 5690MHz		5355.5	50.77	-23.23	74	36.85	34.58	9.84	30.5	100	232	P	H
		5460	48.94	-19.36	68.3	34.9	34.66	9.88	30.5	100	232	P	H
	*	5690	99.87	-	-	85.36	35	10.09	30.58	100	232	P	H
		5866.45	51.9	-16.4	68.3	37.05	35.28	10.21	30.64	100	232	P	H
		5460	41.41	-12.59	54	27.37	34.66	9.88	30.5	100	232	A	H
	*	5690	92.92	-	-	78.41	35	10.09	30.58	100	232	A	H
		5440.2	50.59	-23.41	74	36.56	34.65	9.88	30.5	383	354	P	V
		5461.1	49.83	-18.47	68.3	35.79	34.66	9.88	30.5	383	354	P	V
	*	5690	92.38	-	-	77.87	35	10.09	30.58	383	354	P	V
		5857.1	52.22	-16.08	68.3	37.37	35.28	10.21	30.64	383	354	P	V
		5457.25	41.18	-12.82	54	27.14	34.66	9.88	30.5	383	354	A	V
	*	5690	85.56	-	-	71.05	35	10.09	30.58	383	354	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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 138 5690MHz		11380	49.31	-24.69	74	55.08	38.48	13.72	57.97	-	-	P	H
		17070	51.33	-16.97	68.3	50.2	41.23	16.57	56.67	-	-	P	H
		11380	48.55	-25.45	74	54.32	38.48	13.72	57.97	-	-	P	V
		17070	51.53	-16.77	68.3	50.4	41.23	16.57	56.67	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					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)
5GHz 802.11ac VHT80 LF		82.38	18.7	-21.3	40	36.76	14.73	1.93	34.72	-	-	P	H
		206.54	23.45	-20.05	43.5	39.16	16.2	2.79	34.7	-	-	P	H
		298.69	32.07	-13.93	46	44.37	19.09	3.21	34.6	-	-	P	H
		413.15	26.64	-19.36	46	36.02	21.77	3.35	34.5	-	-	P	H
		667.29	25.94	-20.06	46	30.18	26.54	3.69	34.47	-	-	P	H
		776.9	29.29	-16.71	46	31.83	27.72	4.09	34.35	-	-	P	H
		84.32	25.24	-14.76	40	43.57	14.47	1.94	34.74	-	-	P	V
		198.78	23.49	-20.01	43.5	39.4	16.05	2.74	34.7	-	-	P	V
		320.03	26.81	-19.19	46	38.55	19.56	3.3	34.6	-	-	P	V
		413.15	26.69	-19.31	46	36.07	21.77	3.35	34.5	-	-	P	V
		602.3	26.95	-19.05	46	31.86	26.1	3.59	34.6	-	-	P	V
		773.02	28.81	-17.19	46	31.42	27.71	4.03	34.35	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Co-location:

LoRa 500KHz DTS SF 7 CH31 + Zigbee 250Kbps CH25 Tx + Bluetooth LE 2Mbps CH39 Tx + 802.11ac VHT80 CH42 Tx

WIFI 802.11ac80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
LoRa(DTS) SF 7 CH31&802.11ac80 CH42&BLE CH39& Zigbee CH25 Co-location		5138.84	57.84	-16.16	74	44.19	34.41	9.74	30.5	100	207	P	H
		5149.76	48.4	-5.6	54	34.74	34.42	9.74	30.5	100	207	A	H
	*	5210	99.4	-	-	85.61	34.47	9.82	30.5	100	207	P	H
	*	5210	92.05	-	-	78.26	34.47	9.82	30.5	100	207	A	H
		5447.76	51.44	-22.56	74	37.4	34.66	9.88	30.5	100	207	P	H
		5457.84	41.26	-12.74	54	27.22	34.66	9.88	30.5	100	207	A	H
		5137.8	57.76	-16.24	74	44.11	34.41	9.74	30.5	100	213	P	V
		5149.76	48.14	-5.86	54	34.48	34.42	9.74	30.5	100	213	A	V
	*	5210	99.39	-	-	85.6	34.47	9.82	30.5	100	213	P	V
	*	5210	92.05	-	-	78.26	34.47	9.82	30.5	100	213	A	V
		5394.96	51.63	-22.37	74	37.67	34.62	9.84	30.5	100	213	P	V
		5460	41.27	-12.73	54	27.23	34.66	9.88	30.5	100	213	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

BLE CH39 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (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)
LoRa(DTS)		2480	101.38	-	-	94.02	32.39	6.53	31.56	180	108	P	H
SF 7		2480	99.83	-	-	92.47	32.39	6.53	31.56	180	108	A	H
CH31&802.	*	2483.52	54.67	-19.33	74	47.31	32.39	6.53	31.56	180	108	P	H
11ac80	*	2483.52	45.54	-8.46	54	38.18	32.39	6.53	31.56	180	108	A	H
CH42&BLE		2480	96.06	-	-	88.7	32.39	6.53	31.56	331	67	P	V
CH39&		2480	94.53	-	-	87.17	32.39	6.53	31.56	331	67	A	V
Zigbee	*	2494.16	54.07	-19.93	74	46.64	32.4	6.53	31.5	331	67	P	V
CH25 Co-location	*	2483.56	43.43	-10.57	54	36.07	32.39	6.53	31.56	331	67	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Zigbee CH25 (Band Edge @ 3m)

WIFI Ant. 3	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
LoRa(DTS)		2475	111.43	-	-	104.07	32.39	6.53	31.56	154	197	P	H
SF 7		2475	109.53	-	-	102.17	32.39	6.53	31.56	154	197	A	H
CH31&802.	*	2483.56	58.48	-15.52	74	51.12	32.39	6.53	31.56	154	197	P	H
11ac80	*	2483.52	49.74	-4.26	54	42.38	32.39	6.53	31.56	154	197	A	H
CH42&BLE		2474	103.62	-	-	96.26	32.39	6.53	31.56	339	242	P	V
CH39&		2475	101.73	-	-	94.37	32.39	6.53	31.56	339	242	A	V
Zigbee	*	2486.68	53.9	-20.1	74	46.54	32.39	6.53	31.56	339	242	P	V
CH25 Co-location	*	2483.52	44.48	-9.52	54	37.12	32.39	6.53	31.56	339	242	A	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

LoRa DTS SF=7 (Band Edge @ 3m)

	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
LoRa(DTS) SF 7 CH31&802.11ac80 CH42&BLE CH39& Zigbee CH25 Co-location		167.73	28.18	-15.32	43.5	41.86	16.36	1.32	31.36	-	-	P	H
		242.42	30.71	-15.29	46	42.19	18.12	1.62	31.22	-	-	P	H
		926.5	114.2	68.2	46	111.64	30.3	3.2	30.94	-	-	P	H
		168.7	29.04	-14.46	43.5	42.75	16.33	1.32	31.36	-	-	P	V
		242.41	29	-17	46	40.48	18.12	1.62	31.22	-	-	P	V
		926.5	109.78	63.78	46	107.22	30.3	3.2	30.94	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

LoRa 500KHz DTS SF 7 CH31 + Zigbee 250Kbps CH25 Tx + Bluetooth LE 2Mbps CH39 Tx + 802.11ac VHT80 CH42 Tx

(Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Margin (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)
LoRa(DTS) SF 7 CH31&802.11ac80 CH42&BLE CH39& Zigbee CH25 Co-location		1853	47.8	-36.4	84.2	44.01	31.09	5.48	32.78	-	-	P	H
		2779.5	53.32	-20.68	74	44.98	32.97	7.1	31.73	-	-	P	H
		2779.5	49.59	-4.41	54	41.25	32.97	7.1	31.73	-	-	P	H
		4950	50.03	-23.97	74	36.68	34.33	9.56	30.54	-	-	P	H
		4960	48.52	-25.48	74	35.13	34.32	9.59	30.52	-	-	P	H
		7425	44.29	-29.71	74	56.85	35.96	11.29	59.81	-	-	P	H
		7440	43.28	-30.72	74	55.91	35.94	11.29	59.86	-	-	P	H
		10420	47.61	-20.69	68.3	56.82	37.65	13.51	60.37	-	-	P	H
		1853	47.89	-31.89	79.78	44.1	31.09	5.48	32.78	-	-	P	V
		2779.5	51.97	-22.03	74	43.63	32.97	7.1	31.73	-	-	P	V
		2779.5	46.63	-7.37	54	38.29	32.97	7.1	31.73	-	-	P	V
		4950	50.6	-23.4	74	37.25	34.33	9.56	30.54	-	-	P	V
		4960	50.35	-23.65	74	36.96	34.32	9.59	30.52	-	-	P	V
		7425	44.87	-29.13	74	57.43	35.96	11.29	59.81	-	-	P	V
		7440	43.95	-30.05	74	56.58	35.94	11.29	59.86	-	-	P	V
		10420	48.4	-19.9	68.3	57.61	37.65	13.51	60.37	-	-	P	V
Remark	3. No other spurious found. 4. 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 **Margin** 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	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

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

= 43.54(dBμV/m) – 54(dBμV/m)

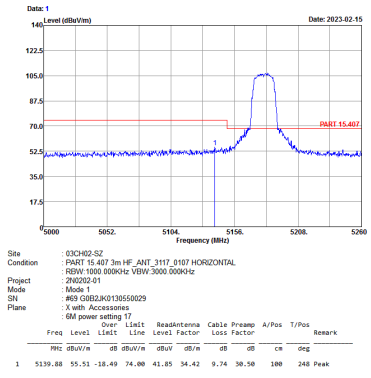
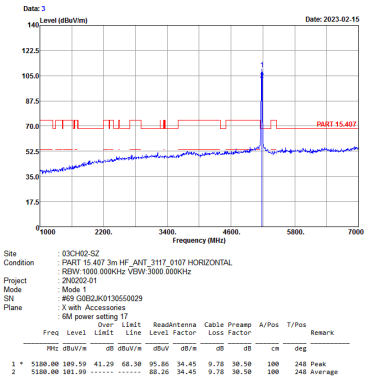
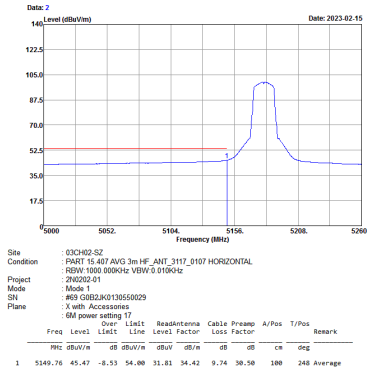
= -10.46(dB)

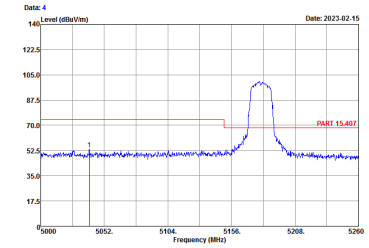
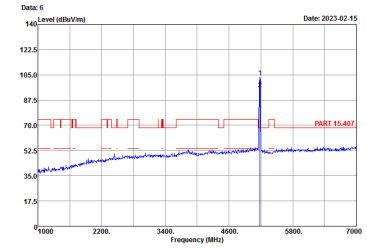
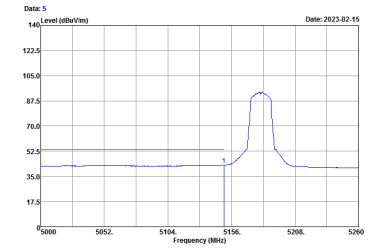
Both peak and average measured complies with the limit line, so test result is "PASS".

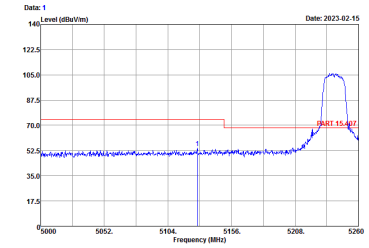
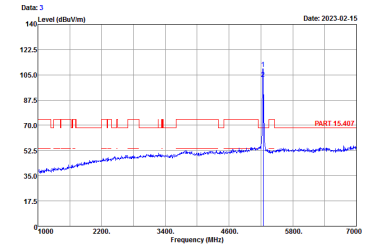
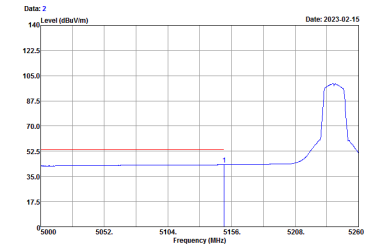
Appendix D. Radiated Spurious Emission Plots

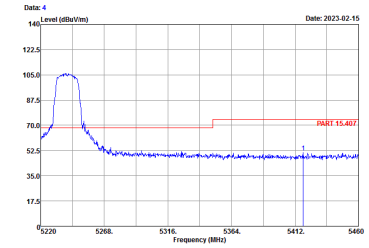
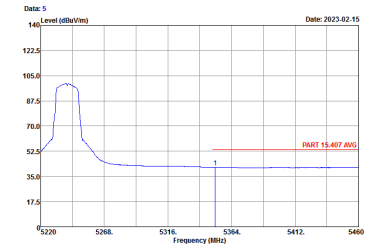
Band 1 - 5150~5250MHz

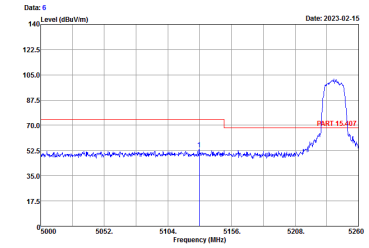
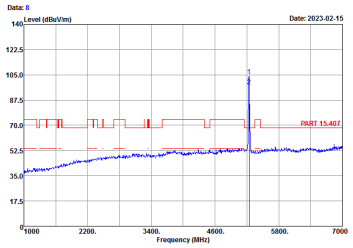
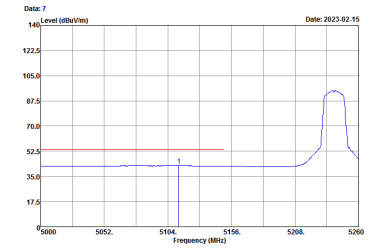
WIFI 802.11a (Band Edge @ 3m)

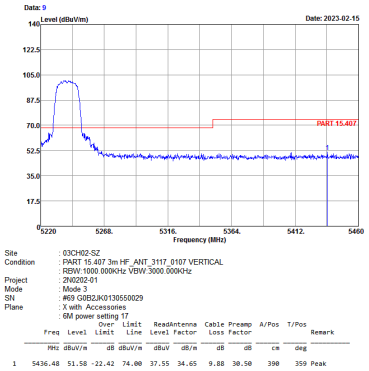
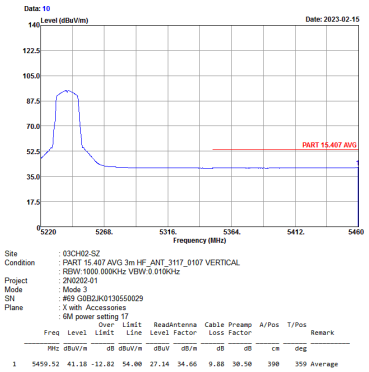
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 1 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5039.78 53.29 -20.71 74.00 39.79 34.34 9.66 30.50 355 358 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 1 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5180.00 103.30 35.00 68.30 89.57 34.45 9.78 30.50 355 358 Peak 2 5180.00 94.99 ------ ------ 81.26 34.45 9.78 30.50 355 358 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 1 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5149.76 42.82 -11.18 54.00 29.16 34.42 9.74 30.50 355 358 Average	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 3 SN : #69 G8B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5128.18 54.05 -19.95 74.00 40.40 34.41 9.74 30.50 100 238 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 3 SN : #69 G8B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5240.00 109.27 40.97 68.30 95.46 34.49 9.82 30.50 100 238 Peak 2 5240.00 102.02 ------ ------ 88.21 34.49 9.82 30.50 100 238 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 3 SN : #69 G8B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5150.00 43.22 -10.78 54.00 29.56 34.42 9.74 30.50 100 238 Average	Left blank

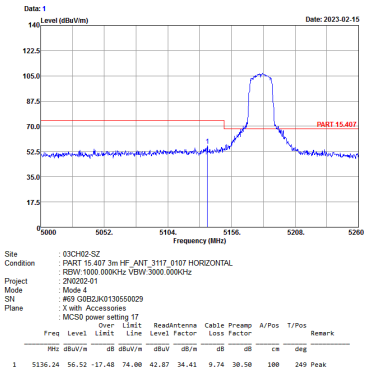
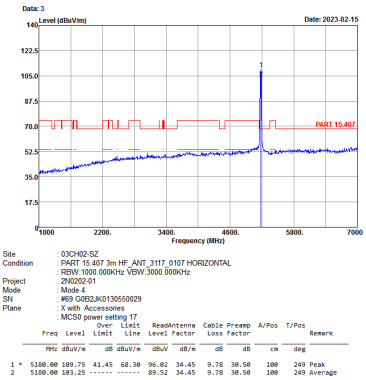
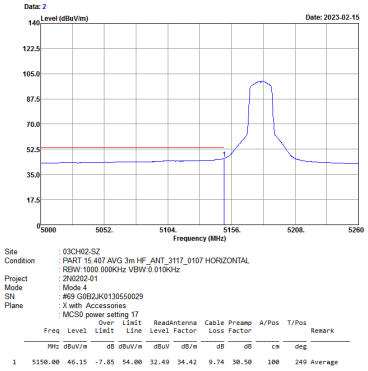
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 3 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5418.24 50.91 -23.09 74.00 36.94 34.63 9.84 30.50 100 238 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 3 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5351.76 41.37 -12.63 54.00 27.45 34.58 9.84 30.50 100 238 Average	Left blank

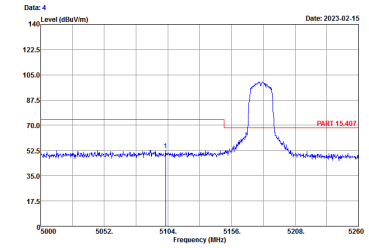
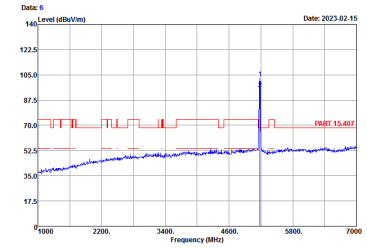
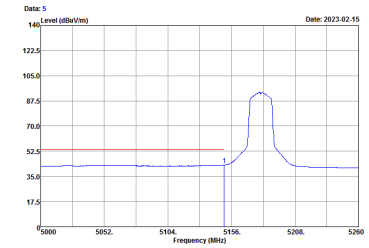
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 3 SN : #69 GB2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5129.74 53.30 -20.70 74.00 39.65 34.41 9.74 30.50 390 359 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 3 SN : #69 GB2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5240.00 104.10 35.80 68.30 90.29 34.49 9.82 30.50 390 359 Peak 2 5240.00 97.07 ------ ------ 83.26 34.49 9.82 30.50 390 359 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 3 SN : #69 GB2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5112.84 42.43 -11.57 54.00 28.84 34.39 9.70 30.50 390 359 Average	Left blank

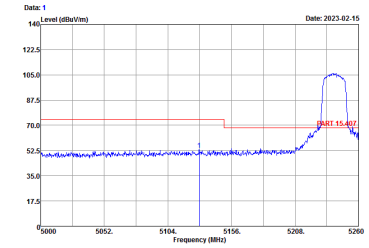
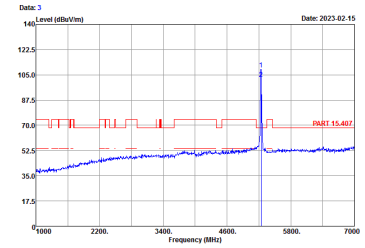
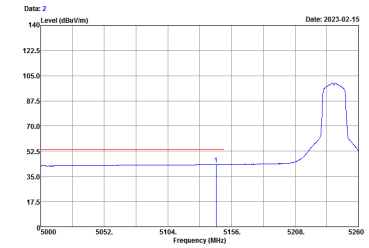
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 3 SN : #69 G8B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5436.48 51.58 -22.42 74.00 37.55 34.65 9.88 30.50 390 359 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 3 SN : #69 G8B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5459.52 41.18 -12.82 54.00 27.14 34.66 9.88 30.50 390 359 Average	Left blank

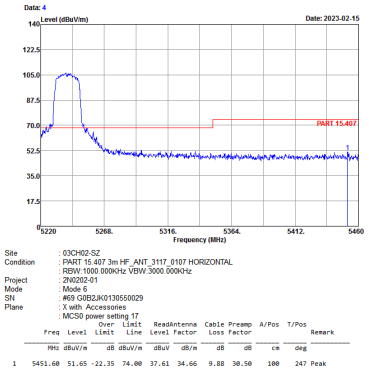
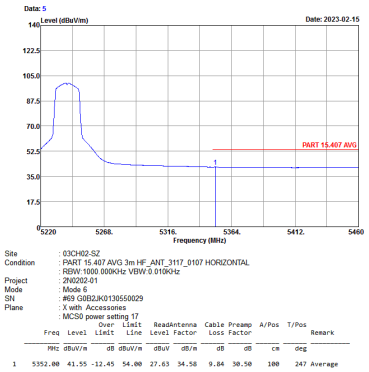
Band 1 5150~5250MHz

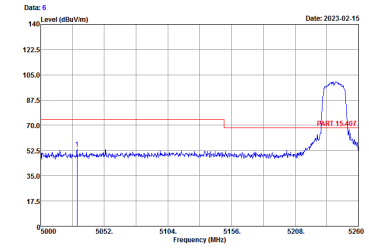
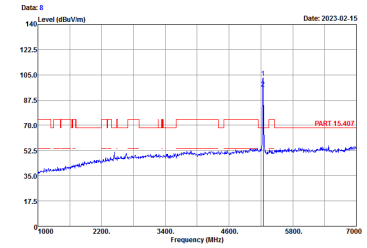
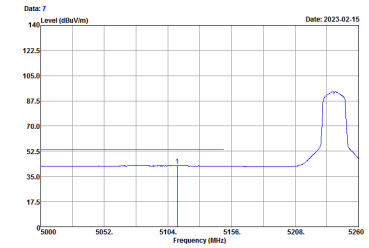
WIFI 802.11n HT20 (Band Edge @ 3m)

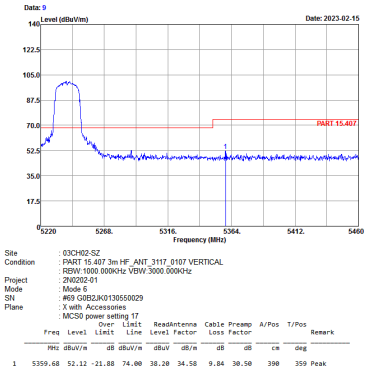
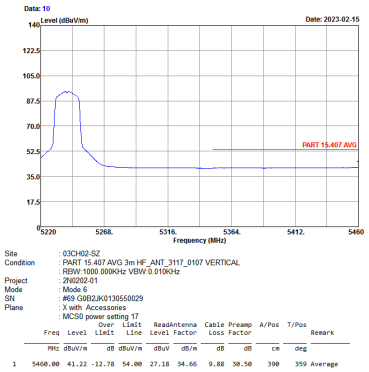
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 4 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5102.18 52.70 -21.30 74.00 39.12 34.38 9.70 30.50 354 358 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 4 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5180.00 102.40 34.10 68.30 88.67 34.45 9.78 30.50 354 358 Peak 2 5180.00 95.03 ------ ------ 81.30 34.45 9.78 30.50 354 358 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 4 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5150.00 42.89 -11.11 54.00 29.23 34.42 9.74 30.50 354 358 Average	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 6 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5129.74 53.14 -20.86 74.00 39.49 34.41 9.74 30.50 100 247 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 6 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5240.00 108.85 40.55 68.30 95.04 34.49 9.82 30.50 100 247 Peak 2 5240.00 102.07 ------ ------ 88.26 34.49 9.82 30.50 100 247 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 6 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5143.52 43.28 -10.72 54.00 29.62 34.42 9.74 30.50 100 247 Average	Left blank

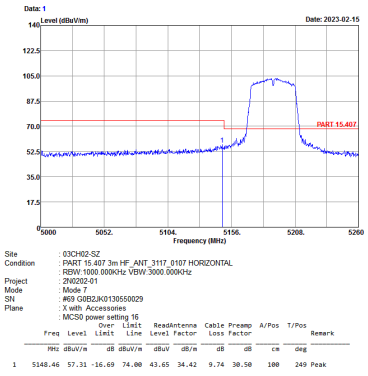
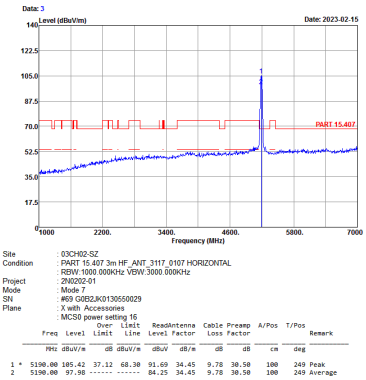
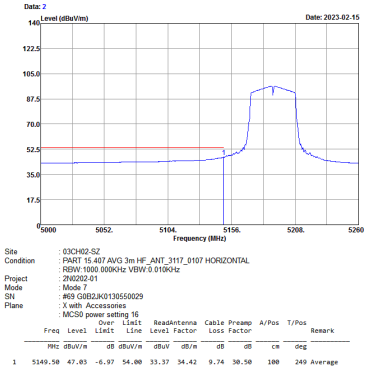
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 6 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5451.60 51.65 -22.35 74.00 37.61 34.66 9.88 30.50 100 247 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 6 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5352.00 41.55 -12.45 54.00 27.63 34.58 9.84 30.50 100 247 Average	Left blank

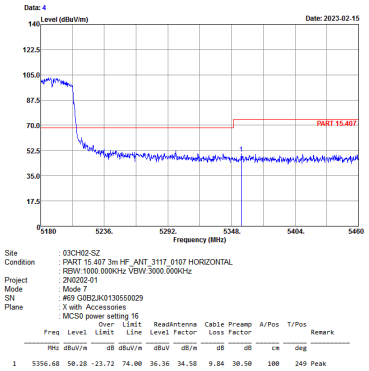
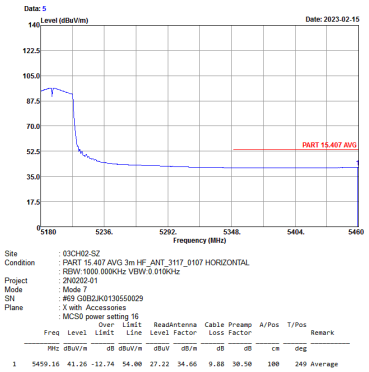
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 6 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5029.64 53.76 -20.24 74.00 40.31 34.33 9.62 30.50 390 359 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 6 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5240.00 102.93 34.63 68.30 89.12 34.49 9.82 30.50 390 359 Peak 2 5240.00 95.41 ------ ------ 81.60 34.49 9.82 30.50 390 359 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 6 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5111.80 42.45 -11.55 54.00 28.86 34.39 9.70 30.50 390 359 Average	Left blank

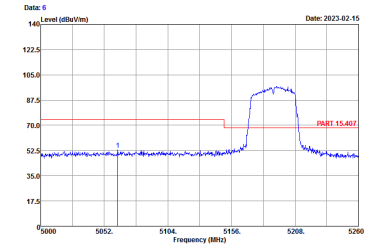
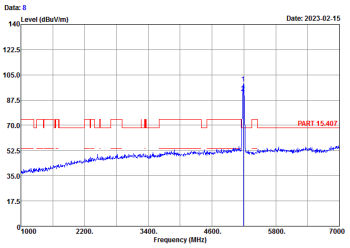
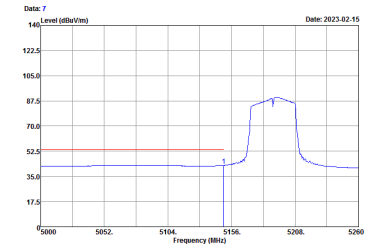
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 6 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5359.68 52.12 -21.88 74.00 38.20 34.58 9.84 30.50 390 359 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 6 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5460.00 41.22 -12.78 54.00 27.18 34.66 9.88 30.50 390 359 Average	Left blank

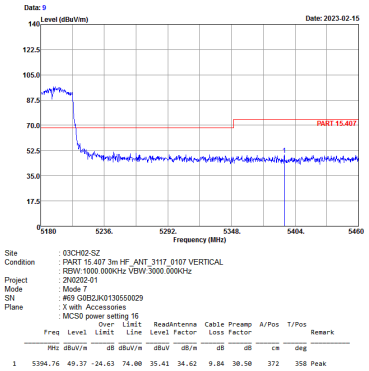
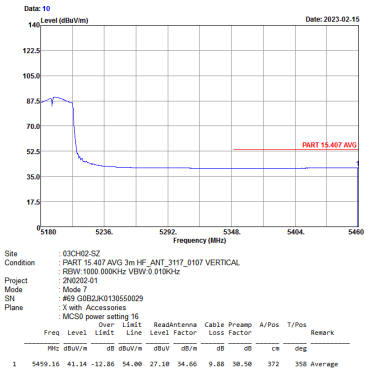
Band 1 5150~5250MHz

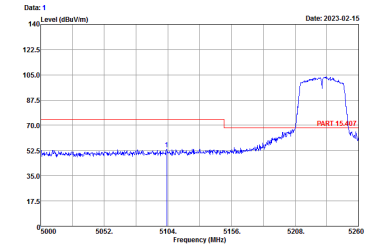
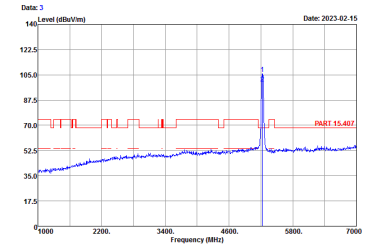
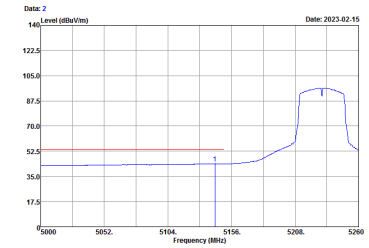
WIFI 802.11n HT40 (Band Edge @ 3m)

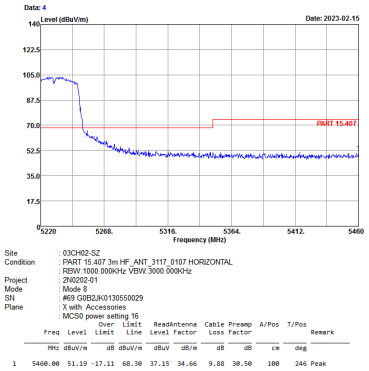
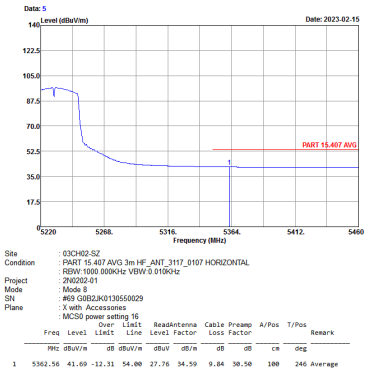
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

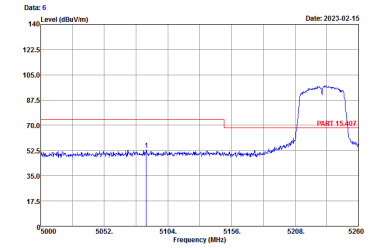
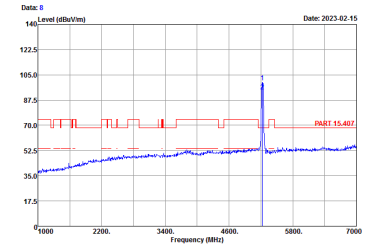
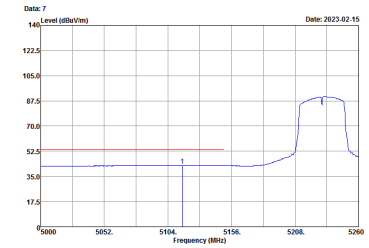
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 7 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5356.68 50.28 -23.72 74.00 36.36 34.58 9.84 30.50 100 249 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 7 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5459.16 41.26 -12.74 54.00 27.22 34.66 9.88 30.50 100 249 Average	Left blank

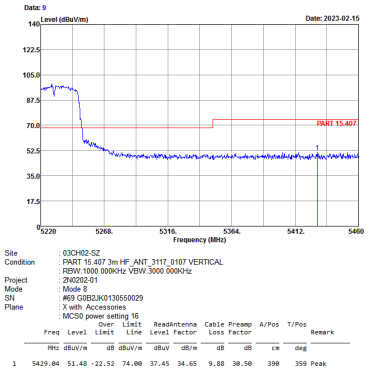
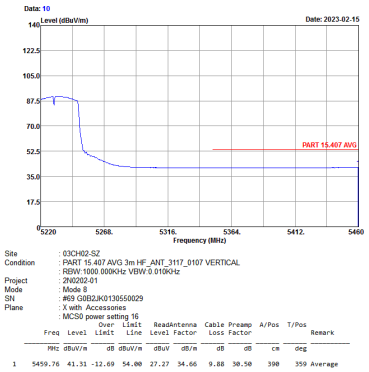
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 7 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5062.92 53.23 -20.77 74.00 39.72 34.35 9.66 30.50 372 358 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 7 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5190.00 99.07 30.77 68.30 85.34 34.45 9.78 30.50 372 358 Peak 2 5190.00 92.33 ------ ------ 78.60 34.45 9.78 30.50 372 358 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 7 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5149.50 42.69 -11.31 54.00 29.03 34.42 9.74 30.50 372 358 Average	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 7 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dBuV dB/m dB dB cm deg 1 5394.76 49.37 -24.63 74.00 35.41 34.62 9.84 30.50 372 358 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 7 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dBuV dB/m dB dB cm deg 1 5459.16 41.14 -12.86 54.00 27.10 34.66 9.88 30.50 372 358 Average	Left blank

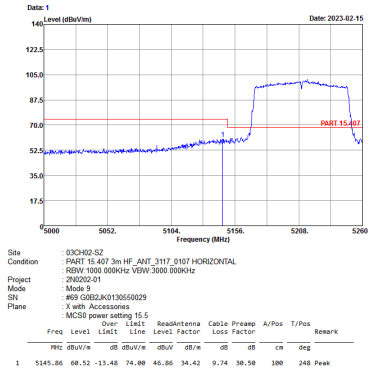
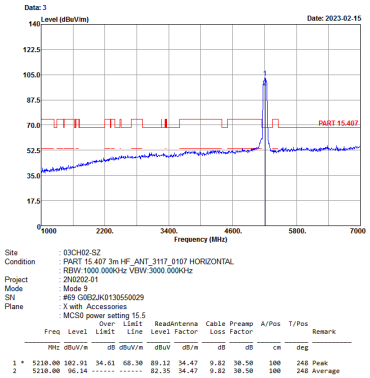
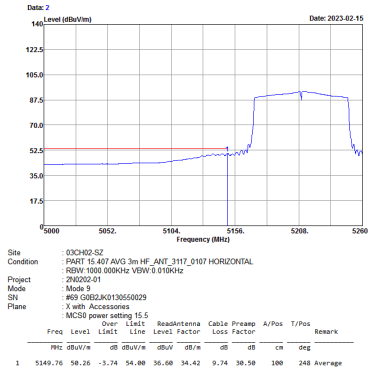
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 8 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5102.96 53.41 -20.59 74.00 39.83 34.38 9.70 30.50 100 246 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 8 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5230.00 105.82 37.52 68.30 92.01 34.49 9.82 30.50 100 246 Peak 2 5230.00 99.15 ------ ------ 85.34 34.49 9.82 30.50 100 246 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 8 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5142.48 43.89 -10.11 54.00 30.23 34.42 9.74 30.50 100 246 Average	Left blank

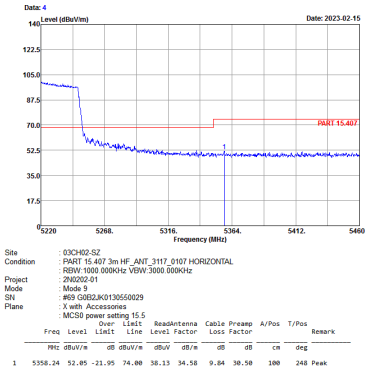
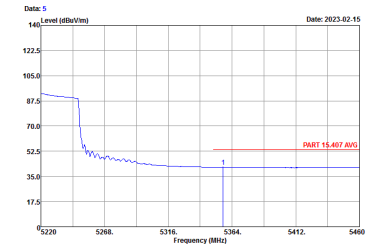
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 8 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5460.00 51.19 -17.11 68.30 37.15 34.66 9.88 30.50 100 246 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 8 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5362.56 41.69 -12.31 54.00 27.76 34.59 9.84 30.50 100 246 Average	Left blank

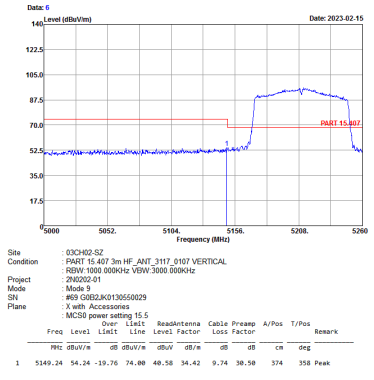
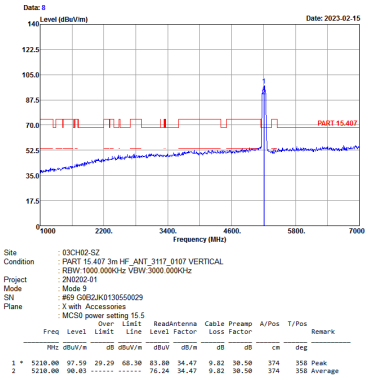
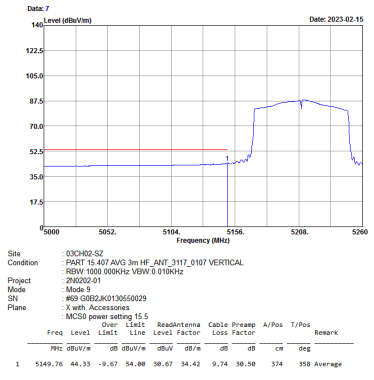
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 8 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5086.32 53.16 -20.84 74.00 39.59 34.37 9.70 30.50 390 359 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 8 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5230.00 99.86 31.56 68.30 86.05 34.49 9.82 30.50 390 359 Peak 2 5230.00 93.42 ------ ------ 79.61 34.49 9.82 30.50 390 359 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 8 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5115.96 42.63 -11.37 54.00 29.00 34.39 9.74 30.50 390 359 Average	Left blank

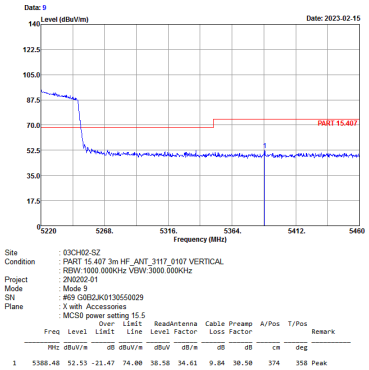
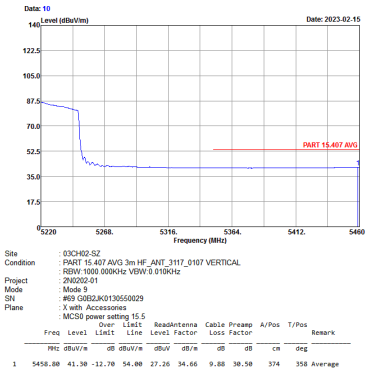
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 8 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5429.04 51.48 -22.52 74.00 37.45 34.65 9.88 30.50 390 359 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 8 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5459.76 41.31 -12.69 54.00 27.27 34.66 9.88 30.50 390 359 Average	Left blank

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

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 9 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 15.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5358.24 52.05 -21.95 74.00 38.13 34.58 9.84 30.50 100 248 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 9 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 15.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5357.28 41.54 -12.46 54.00 27.62 34.58 9.84 30.50 100 248 Average	Left blank

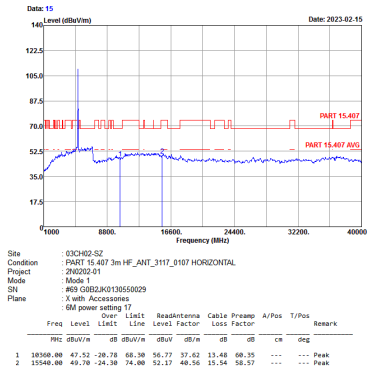
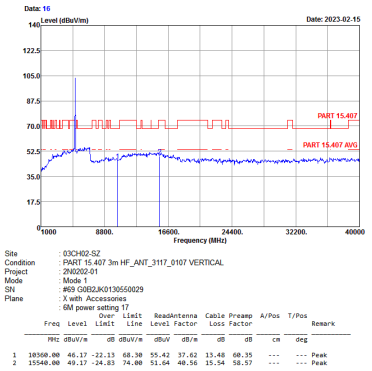
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 2N0202-01 Mode : Mode 9 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 15.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5149.24 54.24 -19.76 74.00 40.58 34.42 9.74 30.50 374 358 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 2N0202-01 Mode : Mode 9 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 15.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5210.00 97.59 29.29 68.30 83.80 34.47 9.82 30.50 374 358 Peak 2 5210.00 90.03 ------ ------ 76.24 34.47 9.82 30.50 374 358 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 2N0202-01 Mode : Mode 9 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 15.5 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5149.76 44.33 -9.67 54.00 30.67 34.42 9.74 30.50 374 358 Average	Left blank

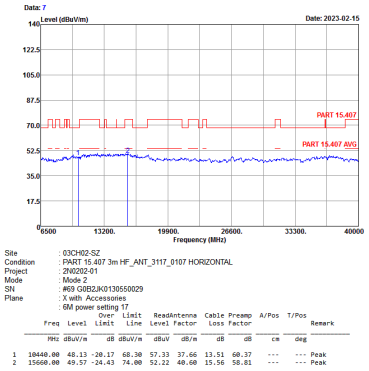
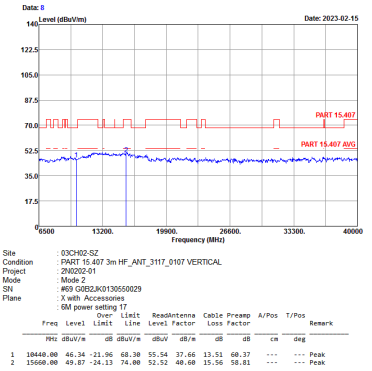
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 9 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 15.5 Over Limit Read Antenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5388.48 52.53 -21.47 74.00 38.58 34.61 9.84 30.50 374 358 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 9 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 15.5 Over Limit Read Antenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5458.80 41.30 -12.70 54.00 27.26 34.66 9.88 30.50 374 358 Average	Left blank

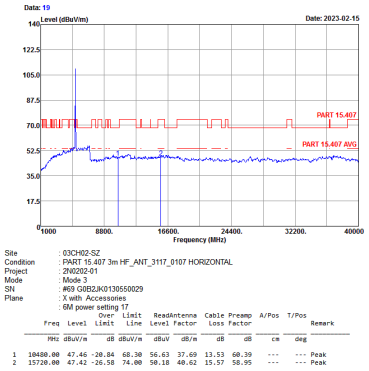
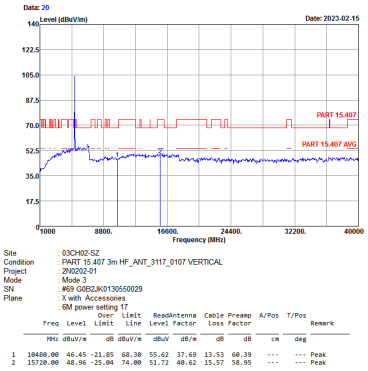
Band 1 5150~5250MHz

Band 1 - 5150~5250MHz

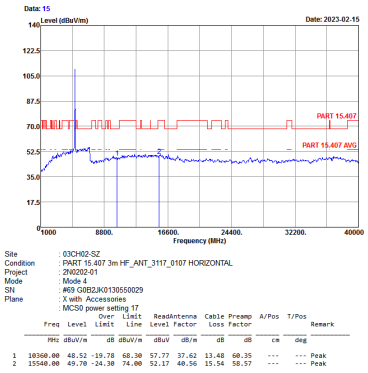
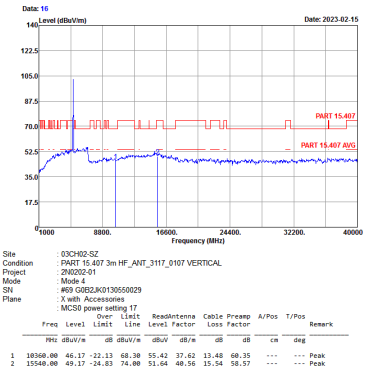
WIFI 802.11a (Harmonic @ 3m)

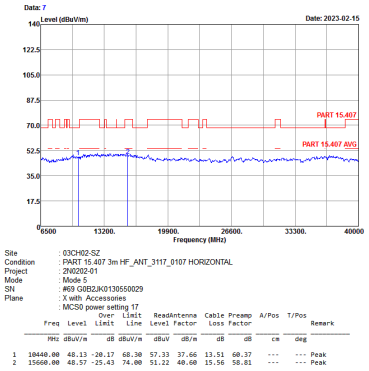
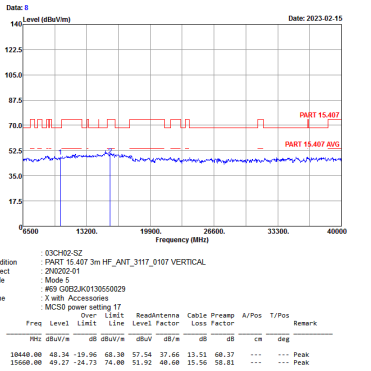
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

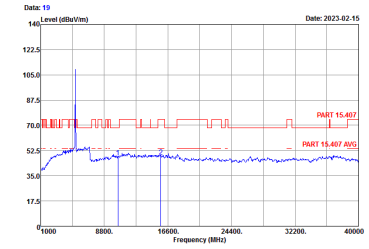
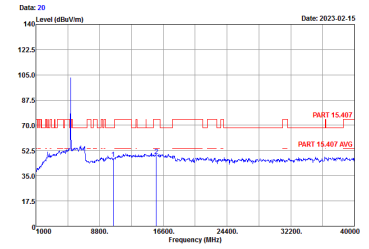
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : ZN0202-01 Mode : Mode 2 SN : #69 GBBJK0130550029 Plane : X with Accessories : 6M power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10440.00 48.13 -20.17 68.30 57.33 37.66 13.51 60.37 --- --- Peak 2 15660.00 49.57 -24.43 74.00 52.22 40.60 15.56 58.81 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : ZN0202-01 Mode : Mode 2 SN : #69 GBBJK0130550029 Plane : X with Accessories : 6M power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10440.00 46.34 -21.96 68.30 55.54 37.66 13.51 60.37 --- --- Peak 2 15660.00 49.07 -24.13 74.00 52.52 40.60 15.56 58.81 --- --- Peak

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

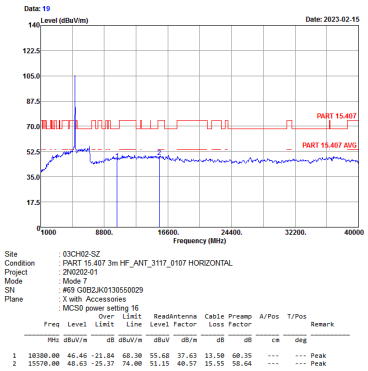
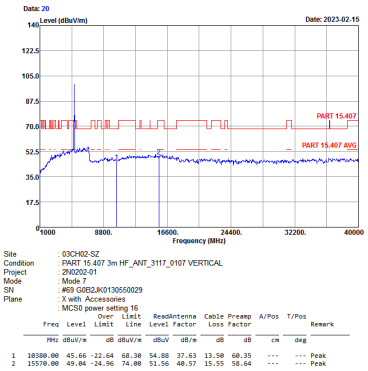
Band 1 5150~5250MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

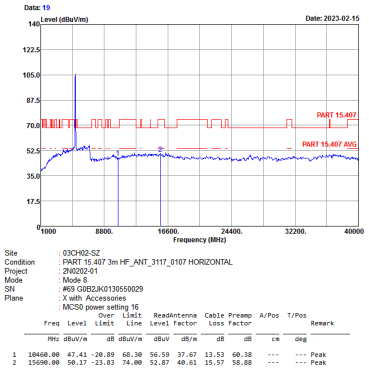
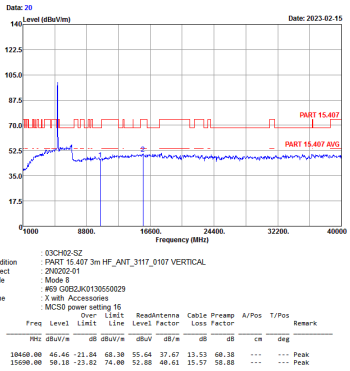
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : ZN0202-01 Mode : Mode 5 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp Factor / A/Pos / T/Pos / Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10440.00 48.13 -20.17 68.30 57.33 37.66 13.51 60.37 --- --- Peak 2 15660.00 48.57 -25.43 74.00 51.22 40.60 15.56 58.81 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : ZN0202-01 Mode : Mode 5 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Factor / Preamp Factor / A/Pos / T/Pos / Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10440.00 48.34 -19.96 68.30 57.54 37.66 13.51 60.37 --- --- Peak 2 15660.00 49.27 -24.73 74.00 51.92 40.60 15.56 58.81 --- --- Peak

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : ZN0202-01 Mode : Mode 6 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Preamp Factor / A/Pos / T/Pos / Remark 1 10480.00 47.94 -20.36 68.30 57.11 37.69 13.53 60.39 --- --- Peak 2 15720.00 48.42 -25.58 74.00 51.18 40.62 15.57 58.95 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : ZN0202-01 Mode : Mode 6 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Loss Preamp Factor / A/Pos / T/Pos / Remark 1 10480.00 46.71 -21.59 68.30 55.88 37.69 13.53 60.39 --- --- Peak 2 15720.00 48.91 -25.09 74.00 51.67 40.62 15.57 58.95 --- --- Peak

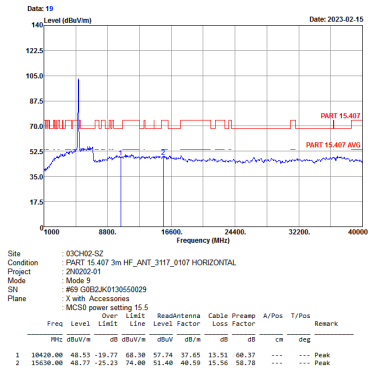
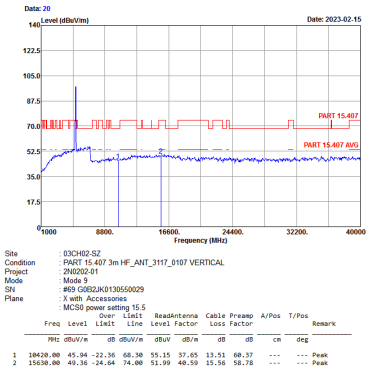
Band 1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : ZN0202-01 Mode : Mode 8 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10460.00 47.41 -20.89 68.30 56.59 37.67 13.53 60.38 --- --- Peak 2 15690.00 50.17 -23.83 74.00 52.87 40.61 15.57 58.88 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : ZN0202-01 Mode : Mode 8 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10460.00 46.46 -21.84 68.30 55.64 37.67 13.53 60.38 --- --- Peak 2 15690.00 50.18 -23.82 74.00 52.88 40.61 15.57 58.88 --- --- Peak

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.		

Site : 03CH02-SZ
Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL
Project : 2N0202-01
Mode : Mode 9
SN : #69 G0B2JK0130550029
Plane : X with Accessories
: MCS0 power setting 15.5

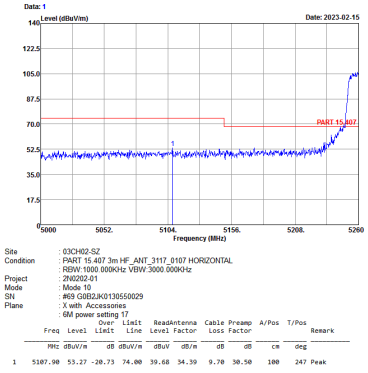
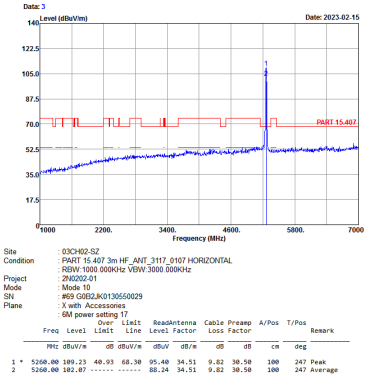
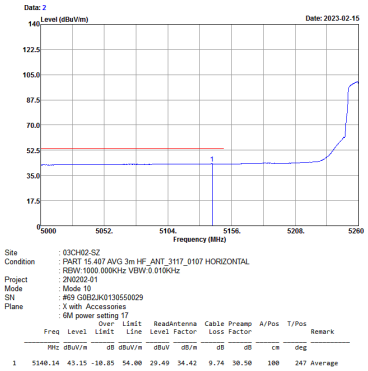
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	10420.00	48.53	-19.77	68.30	57.74	37.65	13.51	60.37	---	---	Peak
2	15630.00	48.77	-25.23	74.00	51.40	40.59	15.56	58.78	---	---	Peak

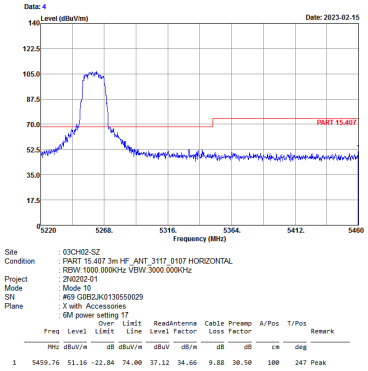
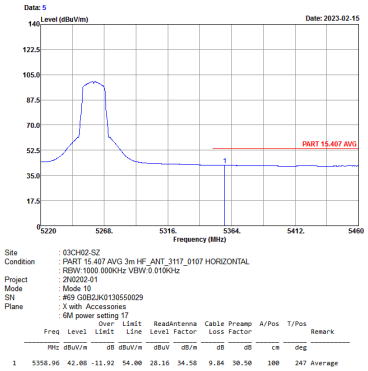
Site : 03CH02-SZ
Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL
Project : 2N0202-01
Mode : Mode 9
SN : #69 G0B2JK0130550029
Plane : X with Accessories
: MCS0 power setting 15.5

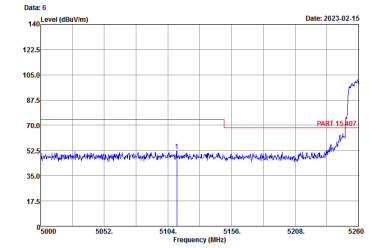
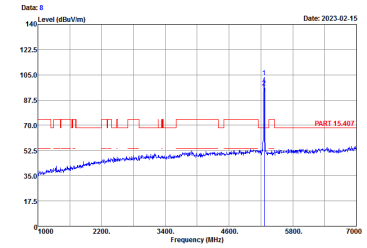
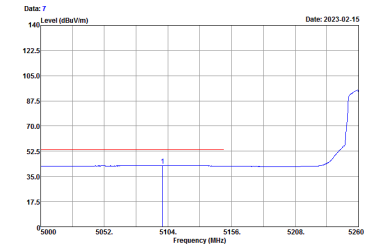
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	A/Pos	T/Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	10420.00	45.94	-22.36	68.30	55.15	37.65	13.51	60.37	---	---	Peak
2	15630.00	49.36	-24.64	74.00	51.99	40.59	15.56	58.78	---	---	Peak

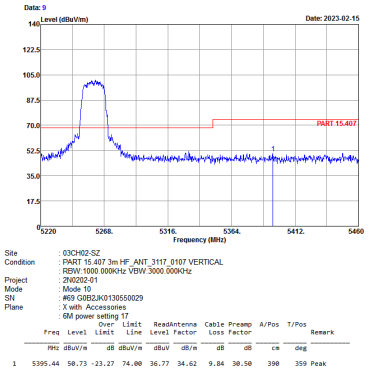
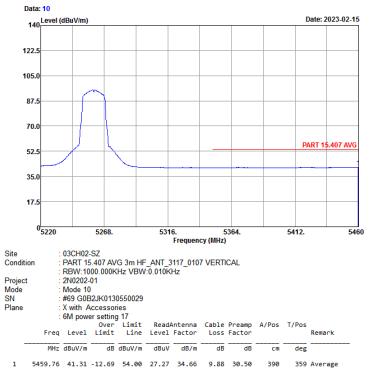
Band 2 - 5250~5350MHz

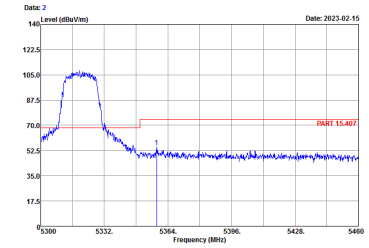
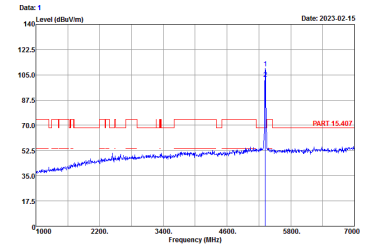
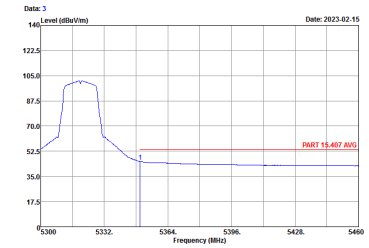
WIFI 802.11a (Band Edge @ 3m)

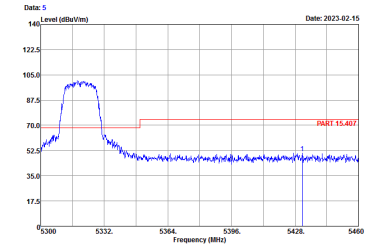
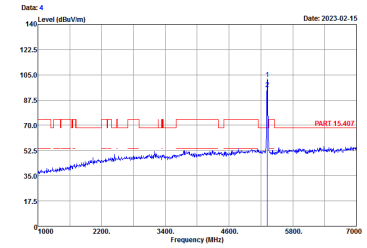
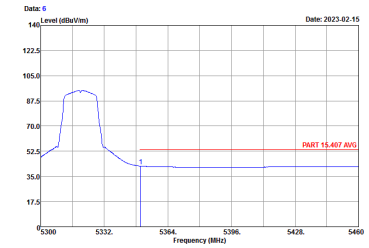
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : 2N0202-01 Mode : Mode 10 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5459.76 51.16 -22.84 74.00 37.12 34.66 9.88 30.50 100 247 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : 2N0202-01 Mode : Mode 10 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5358.96 42.08 -11.92 54.00 28.16 34.58 9.84 30.50 100 247 Average	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 10 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5111.28 52.25 -21.75 74.00 38.66 34.39 9.70 30.50 390 359 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 10 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5260.00 103.40 35.10 68.30 89.57 34.51 9.82 30.50 390 359 Peak 2 5260.00 96.28 ------ ------ 82.45 34.51 9.82 30.50 390 359 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 10 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5099.58 42.46 -11.54 54.00 28.88 34.38 9.70 30.50 390 359 Average	Left blank

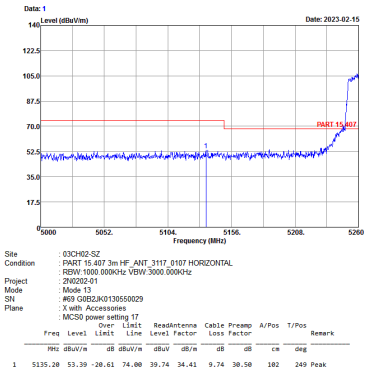
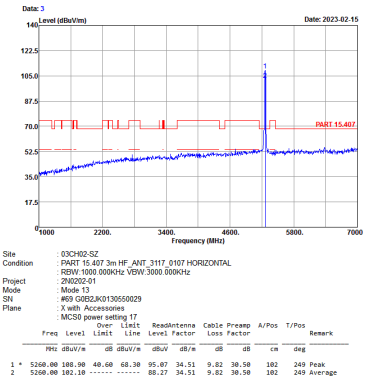
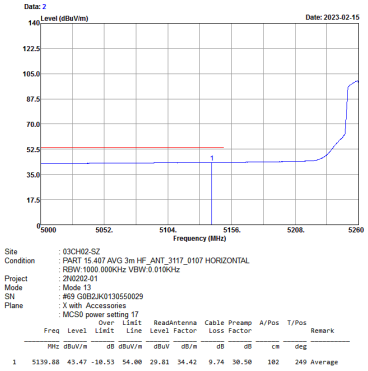
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 10 SN : #69 G8B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5395.44 50.73 -23.27 74.00 36.77 34.62 9.84 30.50 390 359 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 10 SN : #69 G8B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5459.76 41.31 -12.69 54.00 27.27 34.66 9.88 30.50 390 359 Average	Left blank

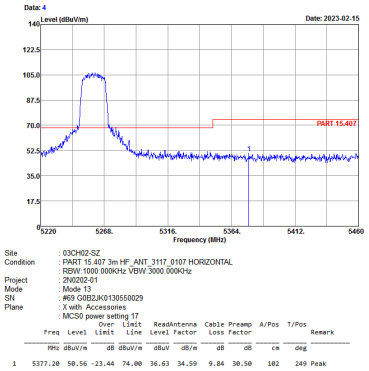
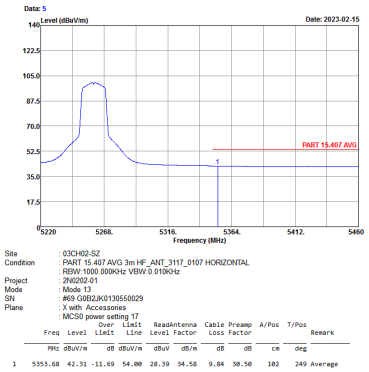
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 12 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5358.40 55.07 -18.93 74.00 41.15 34.58 9.84 30.50 100 248 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 12 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5320.00 109.52 41.22 68.30 95.64 34.55 9.83 30.50 100 248 Peak 2 5320.00 102.12 ------ ------ 88.24 34.55 9.83 30.50 100 248 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 12 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.08 45.33 -8.67 54.00 31.41 34.58 9.84 30.50 100 248 Average	Left blank

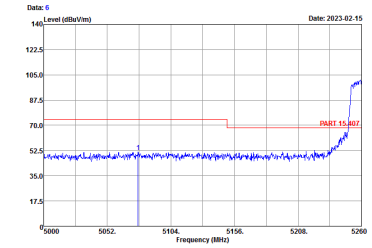
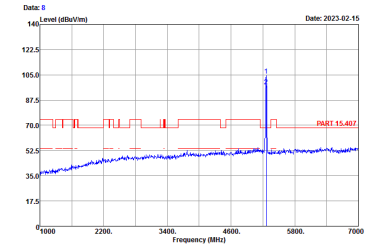
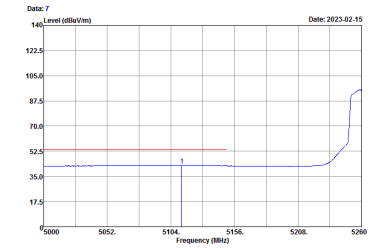
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 12 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5431.68 50.88 -23.12 74.00 36.85 34.65 9.88 30.50 381 360 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 12 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5320.00 102.20 33.90 68.30 88.32 34.55 9.83 30.50 381 360 Peak 2 5320.00 95.15 ------ ------ 81.27 34.55 9.83 30.50 381 360 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 12 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.24 42.19 -11.81 54.00 28.27 34.58 9.84 30.50 381 360 Average	Left blank

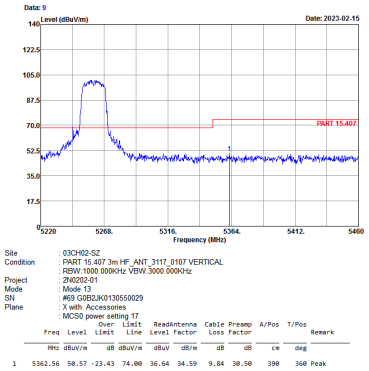
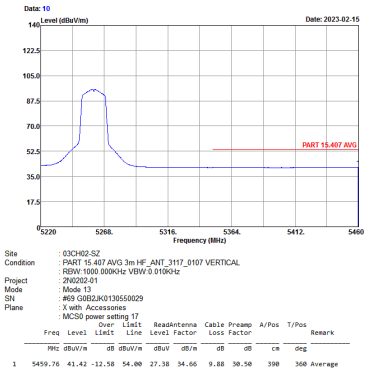
Band 2 5250~5350MHz

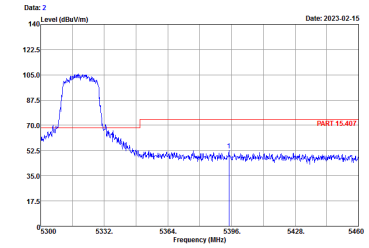
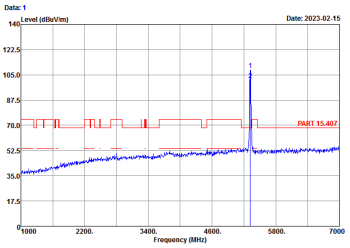
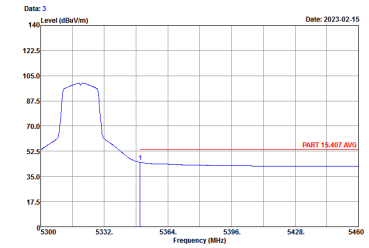
WIFI 802.11n HT20 (Band Edge @ 3m)

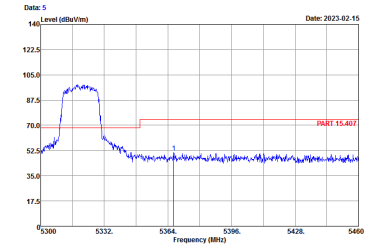
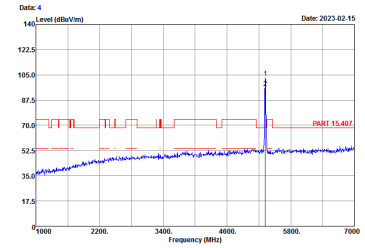
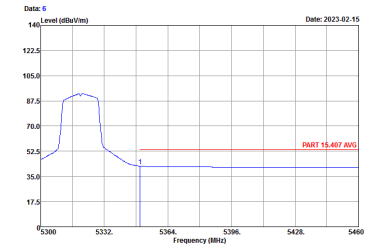
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 13 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5377.20 50.56 -23.44 74.00 36.63 34.59 9.84 30.50 102 249 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 13 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5353.68 42.31 -11.69 54.00 28.39 34.58 9.84 30.50 102 249 Average	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 13 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5077.22 51.42 -22.58 74.00 37.85 34.37 9.70 30.50 390 360 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 13 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5260.00 104.51 36.21 68.30 90.68 34.51 9.82 30.50 390 360 Peak 2 5260.00 97.05 ------ ------ 83.22 34.51 9.82 30.50 390 360 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 13 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5112.84 42.57 -11.43 54.00 28.98 34.39 9.70 30.50 390 360 Average	Left blank

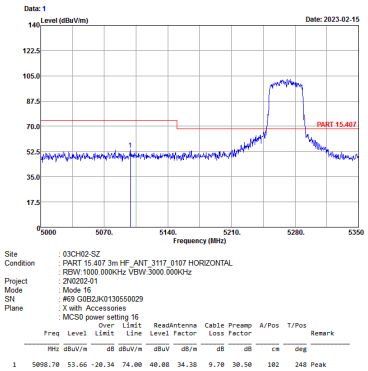
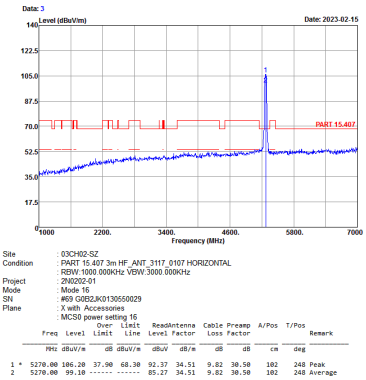
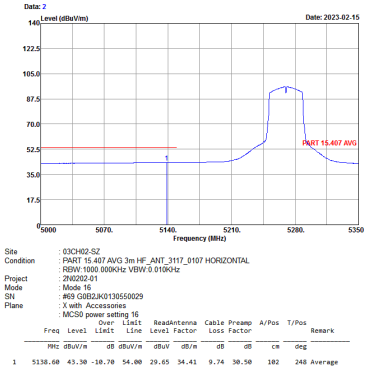
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 13 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5362.56 50.57 -23.43 74.00 36.64 34.59 9.84 30.50 390 360 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 13 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5459.76 41.42 -12.58 54.00 27.38 34.66 9.88 30.50 390 360 Average	Left blank

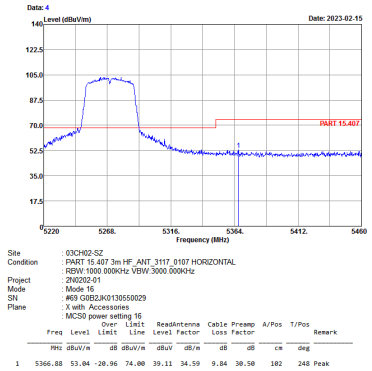
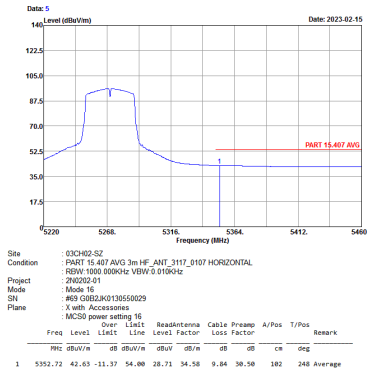
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 15 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5394.72 52.80 -21.20 74.00 38.84 34.62 9.84 30.50 100 247 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 15 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5320.00 100.48 40.18 68.30 94.60 34.55 9.83 30.50 100 247 Peak 2 5320.00 101.53 ------ ------ 87.65 34.55 9.83 30.50 100 247 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 15 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.08 44.82 -9.18 54.00 30.90 34.58 9.84 30.50 100 247 Average	Left blank

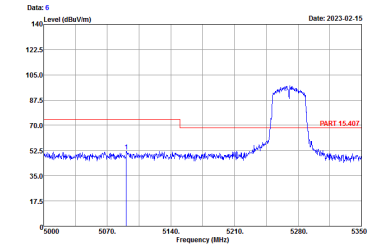
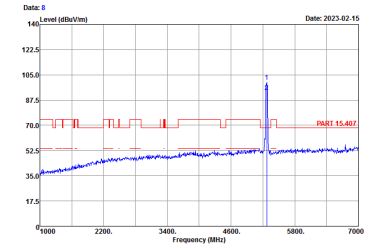
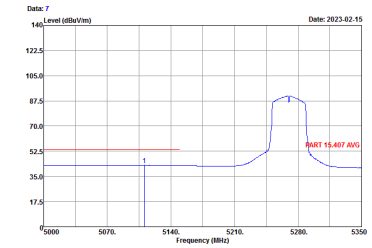
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 15 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5366.88 50.96 -23.04 74.00 37.03 34.59 9.84 30.50 390 360 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 15 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5320.00 102.98 34.68 68.30 89.10 34.55 9.83 30.50 390 360 Peak 2 5320.00 96.05 ------ ------ 82.17 34.55 9.83 30.50 390 360 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 15 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.08 42.15 -11.85 54.00 28.23 34.58 9.84 30.50 390 360 Average	Left blank

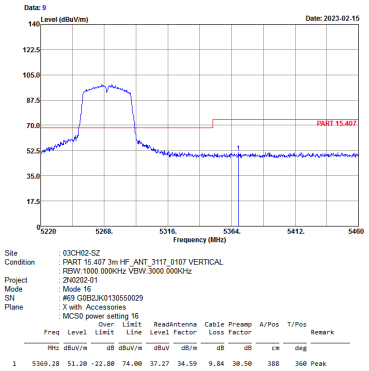
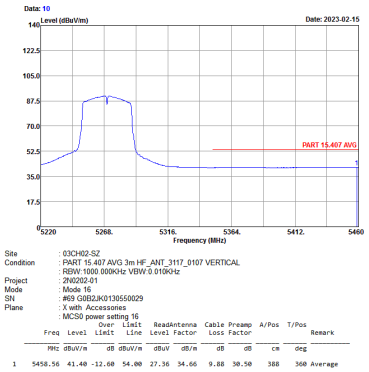
Band 2 5250~5350MHz

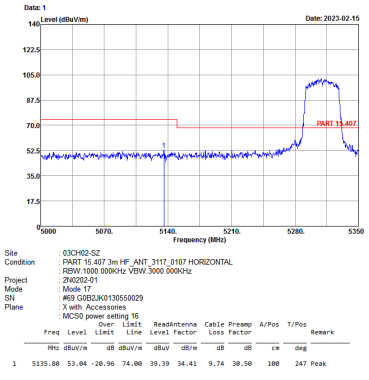
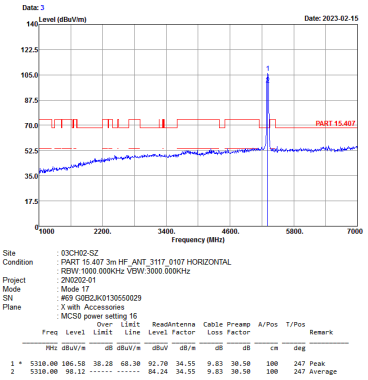
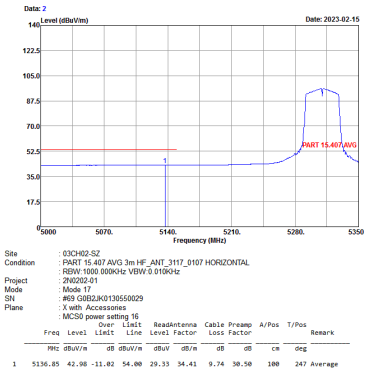
WIFI 802.11n HT40 (Band Edge @ 3m)

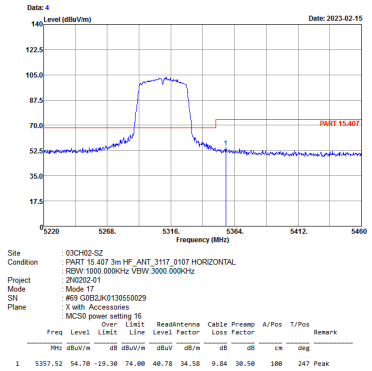
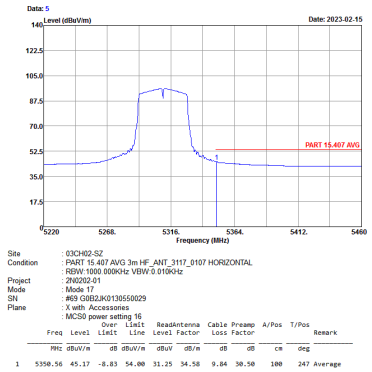
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

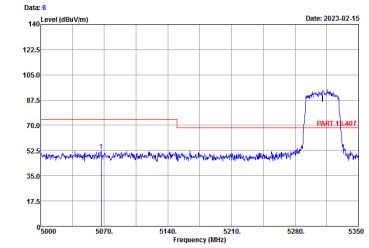
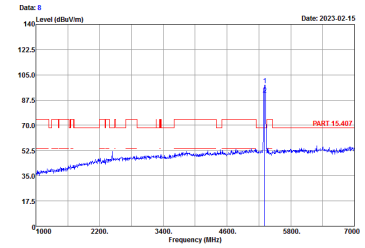
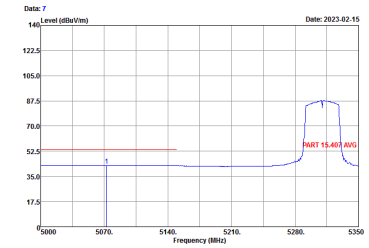
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 16 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5366.88 53.04 -20.96 74.00 39.11 34.59 9.84 30.50 102 248 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 16 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5352.72 42.63 -11.37 54.00 28.71 34.58 9.84 30.50 102 248 Average	Left blank

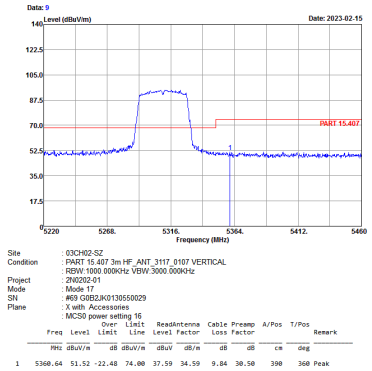
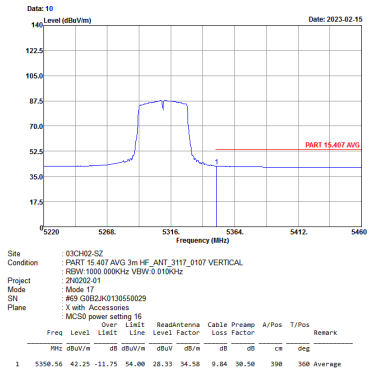
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - L	
1	Vertical	Vertical
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 16 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5091.00 51.82 -22.18 74.00 38.24 34.38 9.70 30.50 388 360 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 16 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5270.00 100.35 32.05 68.30 86.52 34.51 9.82 30.50 388 360 Peak 2 5270.00 93.10 ------ ------ 79.27 34.51 9.82 30.50 388 360 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 16 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5110.95 42.71 -11.29 54.00 29.12 34.39 9.70 30.50 388 360 Average	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH54 5270 - R	
1	Vertical	Vertical
Peak		Left blank
Avg.		Left blank

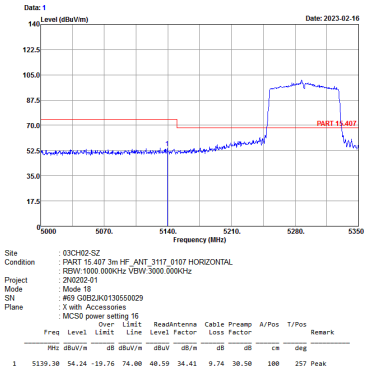
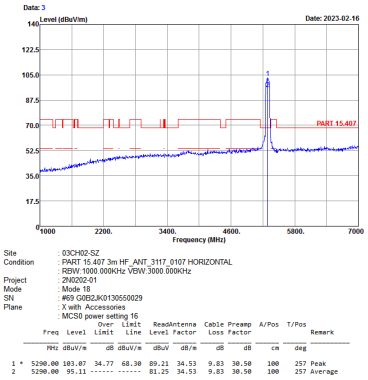
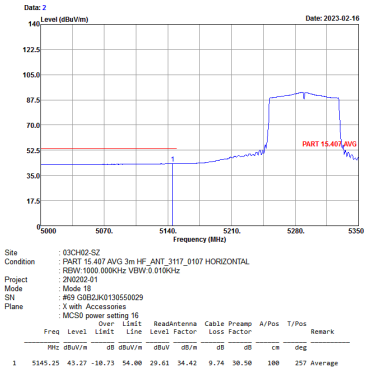
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 17 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5135.80 53.04 -20.96 74.00 39.39 34.41 9.74 30.50 100 247 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 17 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5310.00 106.58 38.28 68.30 92.70 34.55 9.83 30.50 100 247 Peak 2 5310.00 98.12 ------ ------ 84.24 34.55 9.83 30.50 100 247 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 17 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5136.85 42.98 -11.02 54.00 29.33 34.41 9.74 30.50 100 247 Average	Left blank

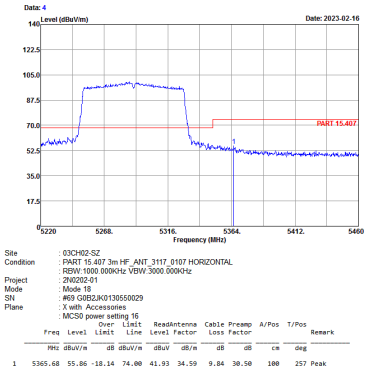
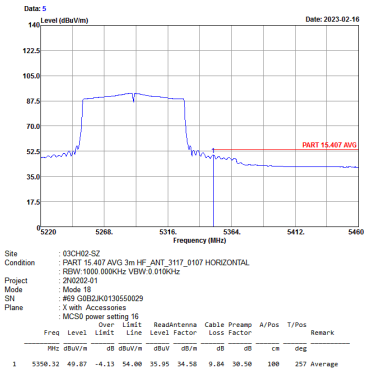
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 17 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dBuV dB/m dB dB cm deg 1 5357.52 54.70 -19.30 74.00 40.78 34.58 9.84 30.50 100 247 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 17 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dBuV dB/m dB dB cm deg 1 5350.56 45.17 -8.83 54.00 31.25 34.58 9.84 30.50 100 247 Average	Left blank

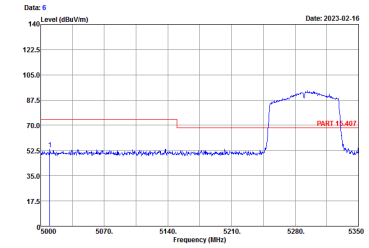
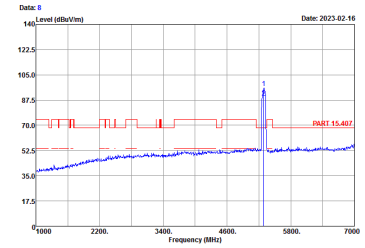
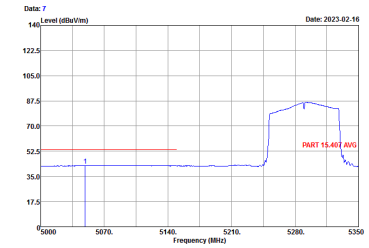
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 17 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5066.50 52.23 -21.77 74.00 38.72 34.35 9.66 30.50 390 360 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 17 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5310.00 98.01 29.71 68.30 84.13 34.55 9.83 30.50 390 360 Peak 2 5310.00 91.15 ------ ------ 77.27 34.55 9.83 30.50 390 360 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 17 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5072.45 42.62 -11.38 54.00 29.09 34.37 9.66 30.50 390 360 Average	Left blank

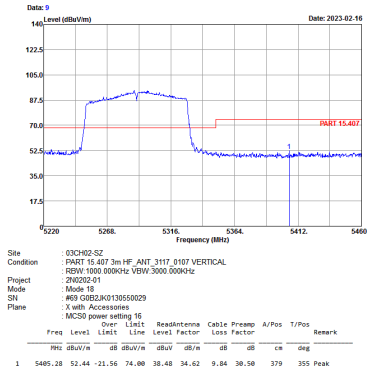
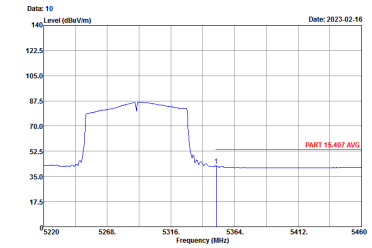
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT40 CH62 5310 - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 17 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5360.64 51.52 -22.48 74.00 37.59 34.59 9.84 30.50 390 360 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 17 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.56 42.25 -11.75 54.00 28.33 34.58 9.84 30.50 390 360 Average	Left blank

Band 2 5250~5350MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

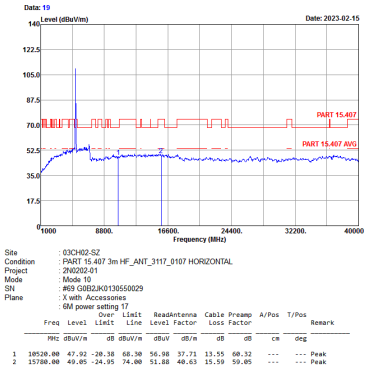
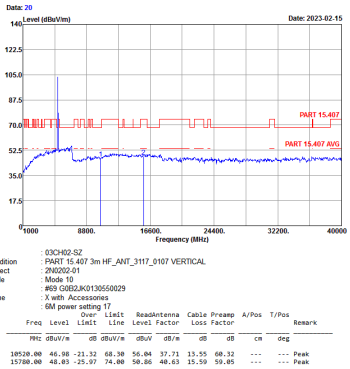
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 18 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5365.68 55.86 -18.14 74.00 41.93 34.59 9.84 30.50 100 257 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 18 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.32 49.87 -4.13 54.00 35.95 34.58 9.84 30.50 100 257 Average	Left blank

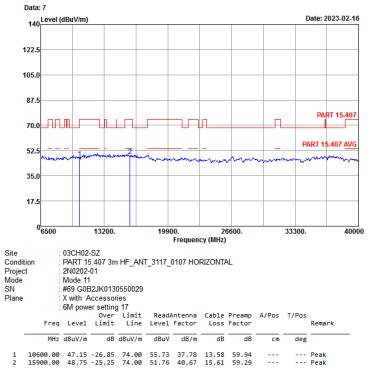
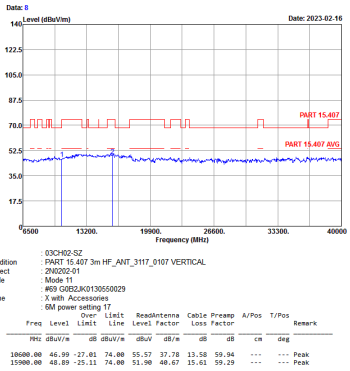
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 18 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5010.15 53.58 -20.42 74.00 40.15 34.31 9.62 30.50 379 355 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 18 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5290.00 95.93 27.63 68.30 82.07 34.53 9.83 30.50 379 355 Peak 2 5290.00 89.20 ------ ------ 75.34 34.53 9.83 30.50 379 355 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 18 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5049.00 42.47 -11.53 54.00 28.97 34.34 9.66 30.50 379 355 Average	Left blank

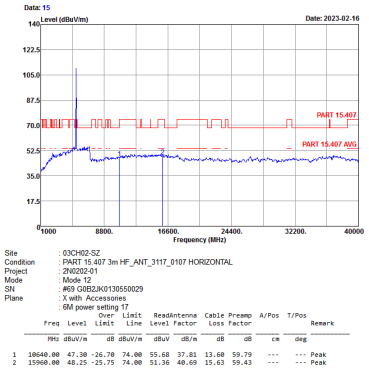
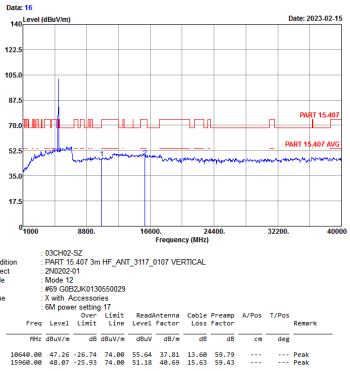
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 18 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5405.28 52.44 -21.56 74.00 38.48 34.62 9.84 30.50 379 355 Peak	Left blank
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 18 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5350.32 42.41 -11.59 54.00 28.49 34.58 9.84 30.50 379 355 Average	Left blank

Band 2 - 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

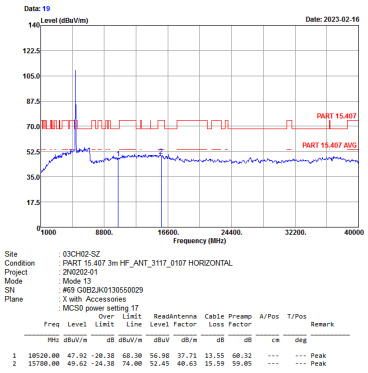
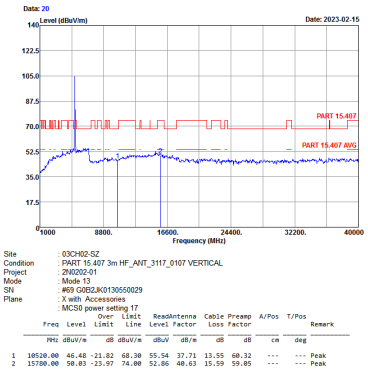
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : ZN0202-01 Mode : Mode 10 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10520.00 47.92 -20.38 68.30 56.98 37.71 13.55 60.32 --- --- Peak 2 15780.00 49.05 -24.95 74.00 51.88 40.63 15.59 59.05 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : ZN0202-01 Mode : Mode 10 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Factor Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10520.00 46.98 -21.32 68.30 56.04 37.71 13.55 60.32 --- --- Peak 2 15780.00 48.03 -25.97 74.00 50.86 40.63 15.59 59.05 --- --- Peak

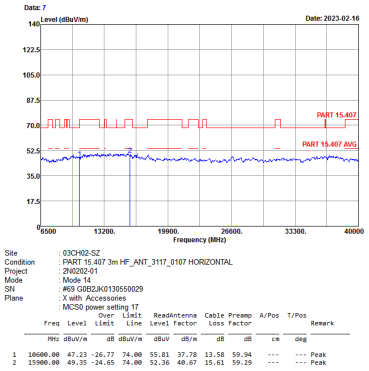
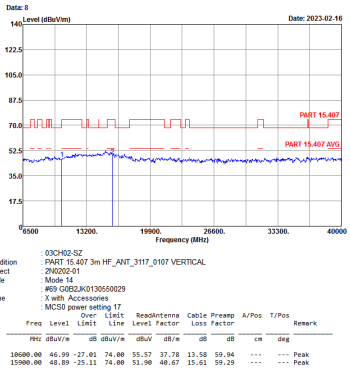
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : ZN0202-01 Mode : Mode 11 SN : #69 GB2JK0130550029 Plane : X with Accessories : 6M power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10600.00 47.15 -26.85 74.00 55.73 37.78 13.58 59.94 --- --- Peak 2 15900.00 48.75 -25.25 74.00 51.76 40.67 15.61 59.29 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : ZN0202-01 Mode : Mode 11 SN : #69 GB2JK0130550029 Plane : X with Accessories : 6M power setting 17 Over Limit ReadAntenna Cable Preamp A/Pos T/Pos Freq Level Limit Line Level Factor Loss Factor Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10600.00 46.99 -27.01 74.00 55.57 37.78 13.58 59.94 --- --- Peak 2 15900.00 48.89 -25.11 74.00 51.90 40.67 15.61 59.29 --- --- Peak

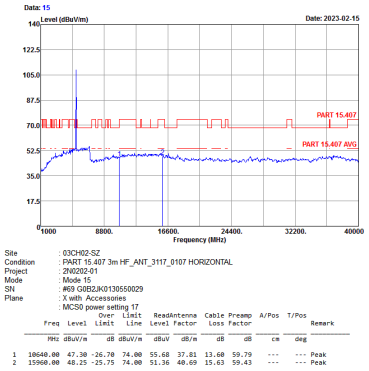
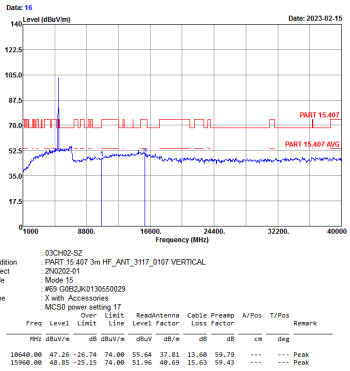
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : ZN0202-01 Mode : Mode 12 SN : #69 GB62JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10640.00 47.30 -26.70 74.00 55.68 37.81 13.60 59.79 --- --- Peak 2 15960.00 48.25 -25.75 74.00 51.36 40.69 15.63 59.43 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : ZN0202-01 Mode : Mode 12 SN : #69 GB62JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10640.00 47.26 -26.74 74.00 55.64 37.81 13.60 59.79 --- --- Peak 2 15960.00 48.07 -25.93 74.00 51.18 40.69 15.63 59.43 --- --- Peak

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

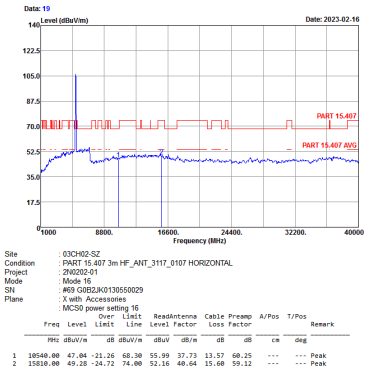
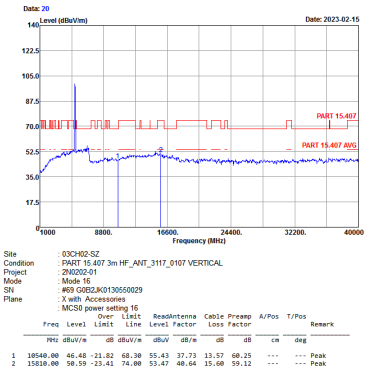
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH52 5260MHz	
1	Horizontal	Vertical
Peak Avg.		

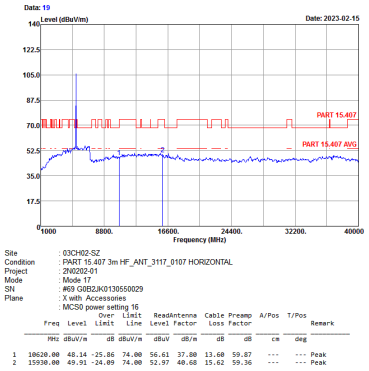
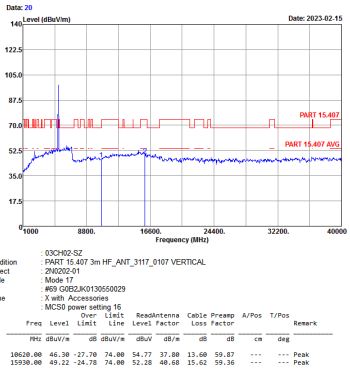
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH60 5300MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : ZN0202-01 Mode : Mode 14 SN : #69 GB62JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10600.00 47.23 -26.77 74.00 55.81 37.78 13.58 59.94 --- --- Peak 2 15900.00 49.35 -24.65 74.00 52.36 40.67 15.61 59.29 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : ZN0202-01 Mode : Mode 14 SN : #69 GB62JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10600.00 46.99 -27.01 74.00 55.57 37.78 13.58 59.94 --- --- Peak 2 15900.00 48.89 -25.11 74.00 51.90 40.67 15.61 59.29 --- --- Peak

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT20 CH64 5320MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : ZN0202-01 Mode : Mode 15 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10640.00 47.30 -26.70 74.00 55.68 37.81 13.60 59.79 --- --- Peak 2 15960.00 48.25 -25.75 74.00 51.36 40.69 15.63 59.43 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : ZN0202-01 Mode : Mode 15 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10640.00 47.26 -26.74 74.00 55.64 37.81 13.60 59.79 --- --- Peak 2 15960.00 48.85 -25.15 74.00 51.96 40.69 15.63 59.43 --- --- Peak

Band 2 5250~5350MHz

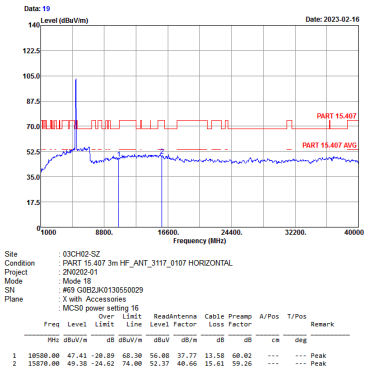
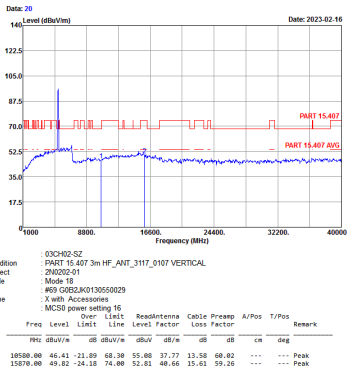
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH54 5270	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11n HT40 CH62 5310	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : ZN0202-01 Mode : Mode 17 SN : #69 GB62JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10620.00 48.14 -25.86 74.00 56.61 37.80 13.60 59.87 --- --- Peak 2 15930.00 49.91 -24.09 74.00 52.97 40.68 15.62 59.36 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : ZN0202-01 Mode : Mode 17 SN : #69 GB62JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10620.00 46.30 -27.70 74.00 54.77 37.80 13.60 59.87 --- --- Peak 2 15930.00 49.22 -24.78 74.00 52.28 40.68 15.62 59.36 --- --- Peak

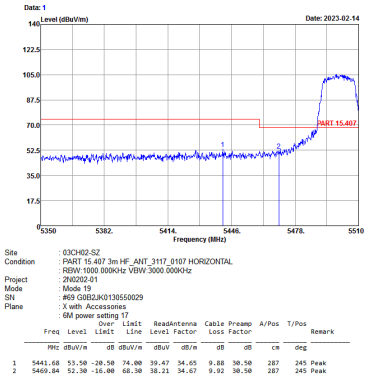
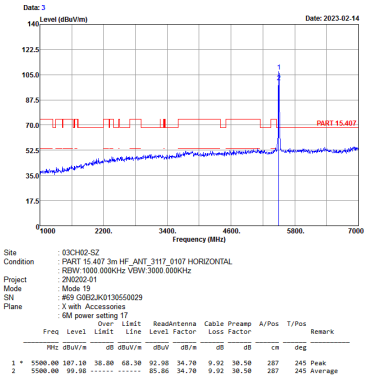
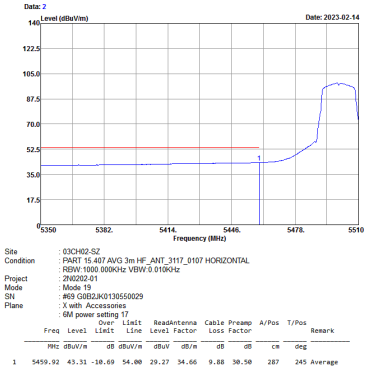
Band 2 5250~5350MHz

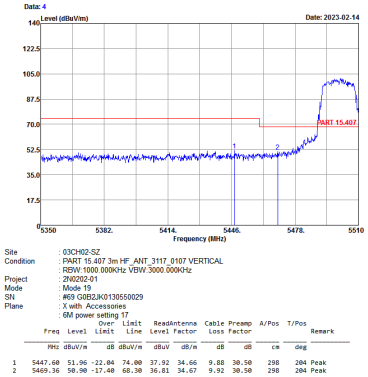
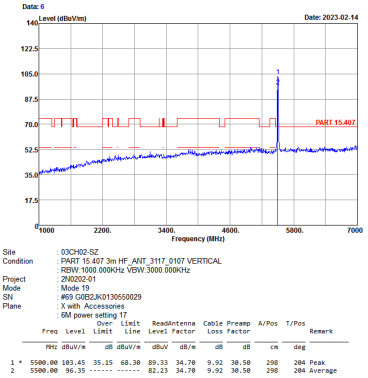
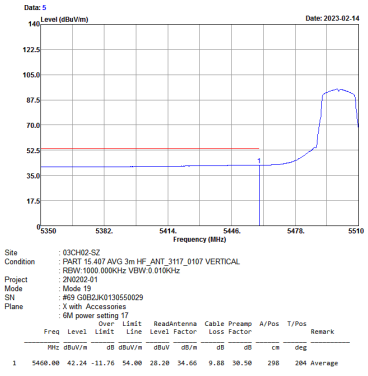
WIFI 802.11ac VHT80 (Harmonic @ 3m)

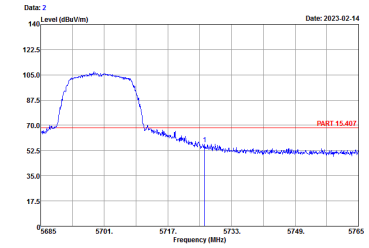
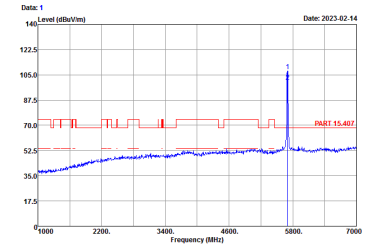
WIFI	Band 2 5250~5350MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH58 5290MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL Project : ZN0202-01 Mode : Mode 18 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10580.00 47.41 -20.89 68.30 56.08 37.77 13.58 60.02 --- --- Peak 2 15870.00 49.38 -24.62 74.00 52.37 40.66 15.61 59.26 --- --- Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL Project : ZN0202-01 Mode : Mode 18 SN : #69 G0B2JK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 10580.00 46.41 -21.89 68.30 55.08 37.77 13.58 60.02 --- --- Peak 2 15870.00 49.82 -24.18 74.00 52.81 40.66 15.61 59.26 --- --- Peak

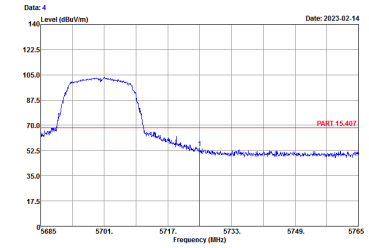
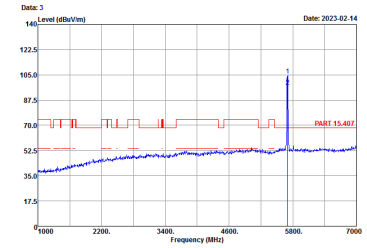
Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

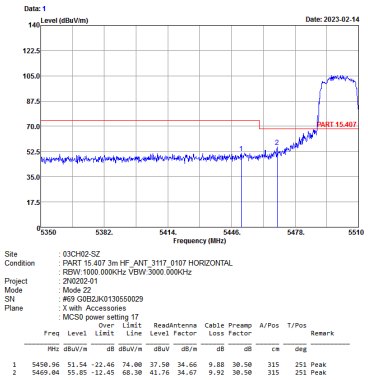
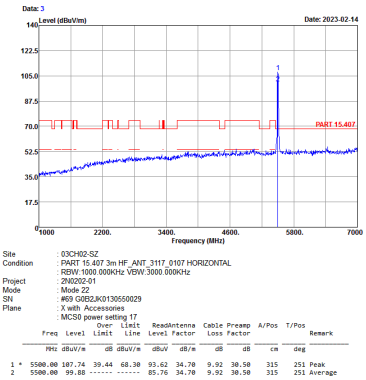
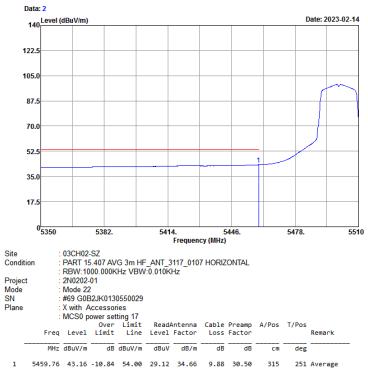
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH100 5500MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 2N0202-01 Mode : Mode 19 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5447.60 51.96 -22.04 74.00 37.92 34.66 9.88 30.50 298 204 Peak 2 5469.36 50.90 -17.40 68.30 36.81 34.67 9.92 30.50 298 204 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 2N0202-01 Mode : Mode 19 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5500.00 103.45 35.15 68.30 89.33 34.70 9.92 30.50 298 204 Peak 2 5500.00 96.35 ------ ------ 82.23 34.70 9.92 30.50 298 204 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : 2N0202-01 Mode : Mode 19 SN : #69 G0B2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5460.00 42.24 -11.76 54.00 28.20 34.66 9.88 30.50 298 204 Average	Left blank

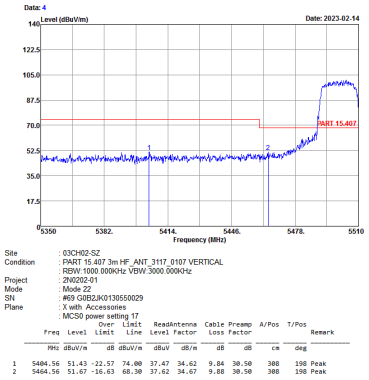
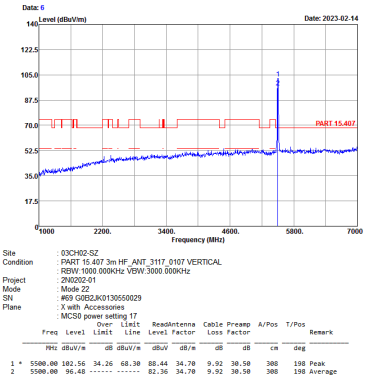
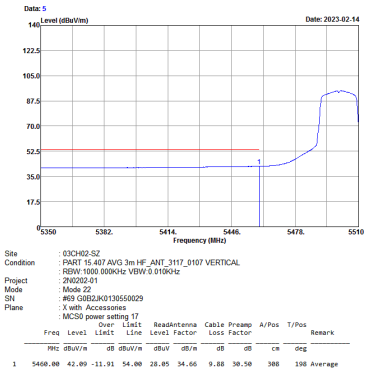
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 21 SN : #69 GIB2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq / Level / Over Limit / Limit Line / ReadAntenna Level / Cable Factor / Preamp Loss / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 5726.20 56.94 -11.36 68.30 42.35 35.06 10.12 30.59 285 224 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 21 SN : #69 GIB2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq / Level / Over Limit / Limit Line / ReadAntenna Level / Cable Factor / Preamp Loss / A/Pos / T/Pos / Remark MHz / dBuV/m / dB / dBuV/m / dBuV / dB/m / dB / dB / cm / deg 1 * 5700.00 107.53 39.23 68.30 92.99 35.00 10.12 30.58 285 224 Peak 2 5700.00 100.10 ------ ------ 85.56 35.00 10.12 30.58 285 224 Average

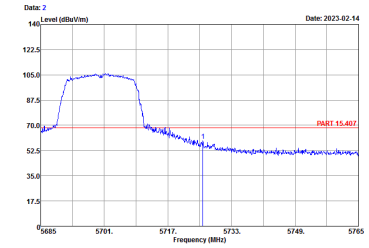
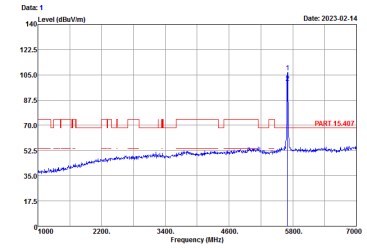
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11a CH140 5700MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 2N0202-01 Mode : Mode 21 SN : #69 GIB2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5725.00 54.39 -13.91 68.30 39.80 35.06 10.12 30.59 386 180 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : 2N0202-01 Mode : Mode 21 SN : #69 GIB2JK0130550029 Plane : X with Accessories : 6M power setting 17 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5700.00 104.37 36.07 68.30 89.83 35.00 10.12 30.58 386 180 Peak 2 5700.00 96.74 ------ ------ 82.20 35.00 10.12 30.58 386 180 Average

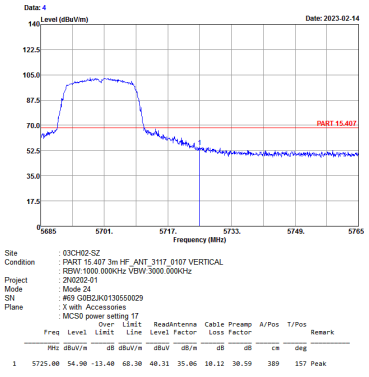
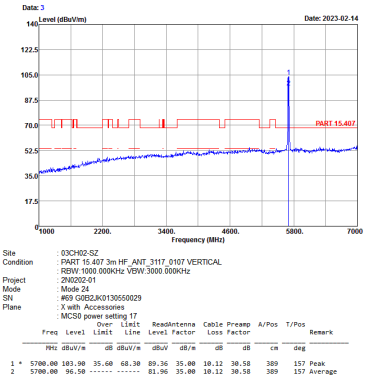
Band 3 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

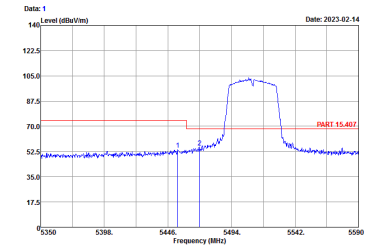
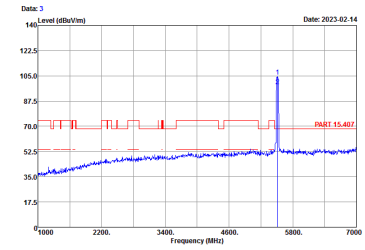
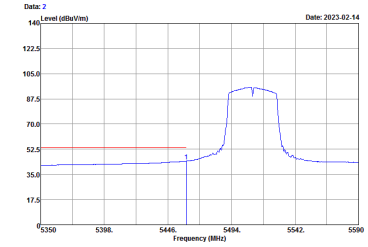
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH100 5500MHz	
12	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 22 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Preamp Loss Factor / A/Pos / T/Pos / Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5404.56 51.43 -22.57 74.00 37.47 34.62 9.84 30.50 308 198 Peak 2 5464.56 51.67 -16.63 68.30 37.62 34.67 9.88 30.50 308 198 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 22 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Preamp Loss Factor / A/Pos / T/Pos / Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5500.00 102.56 34.26 68.30 88.44 34.70 9.92 30.50 308 198 Peak 2 5500.00 96.48 ------ ------ 82.36 34.70 9.92 30.50 308 198 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 22 SN : #69 G8B2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq / Level / Over Limit / Limit Line / ReadAntenna Level Factor / Cable Preamp Loss Factor / A/Pos / T/Pos / Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5460.00 42.09 -11.91 54.00 28.05 34.66 9.88 30.50 308 198 Average	Left blank

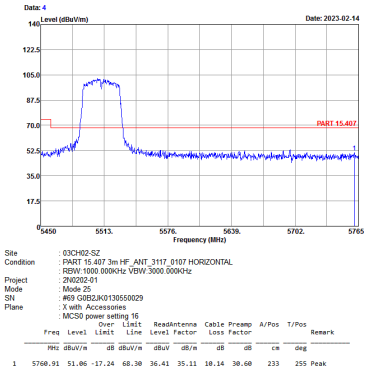
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 24 SN : #69 GIB2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5725.80 59.44 -8.86 68.30 44.85 35.06 10.12 30.59 330 214 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 24 SN : #69 GIB2JK0130550029 Plane : X with Accessories : MCS0 power setting 17 Freq Level Over Limit Limit ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5700.00 107.01 38.71 68.30 92.47 35.00 10.12 30.58 330 214 Peak 2 5700.00 99.57 ------ ------ 85.03 35.00 10.12 30.58 330 214 Average

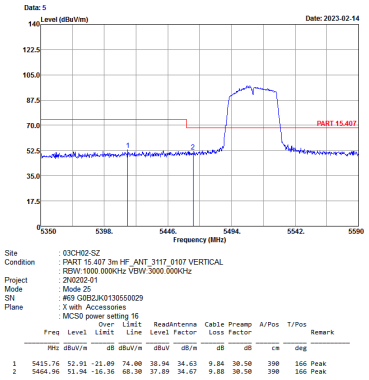
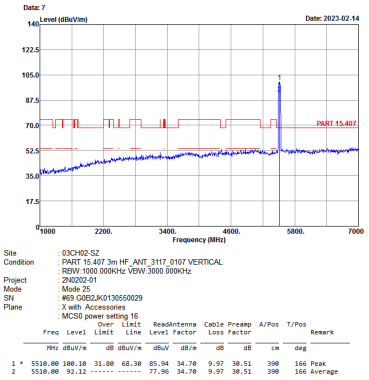
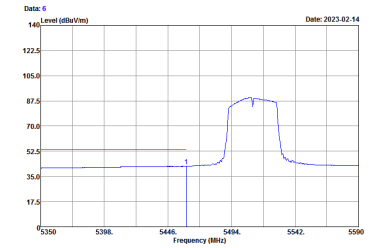
WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT20 CH140 5700MHz	
1	Vertical	Fundamental
Peak.		

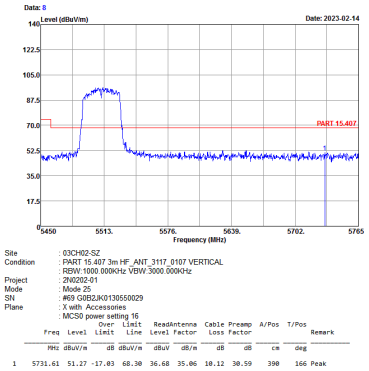
Band 3 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 HORIZONTAL : RBW: 1000.000KHz VBW: 3000.000KHz Project : ZN0202-01 Mode : Mode 25 SN : #69 GI8DJK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5760.91 51.06 -17.24 68.30 36.41 35.11 10.14 30.60 233 255 Peak	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 25 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5415.76 52.91 -21.09 74.00 38.94 34.63 9.84 30.50 390 166 Peak 2 5464.96 51.94 -16.36 68.30 37.89 34.67 9.88 30.50 390 166 Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz Project : ZN0202-01 Mode : Mode 25 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 * 5510.00 100.10 31.00 68.30 85.94 34.70 9.97 30.51 390 166 Peak 2 5510.00 92.12 ------ ------ 77.96 34.70 9.97 30.51 390 166 Average
Avg.	 Site : 03CH02-SZ Condition : PART 15.407 AVG 3m HF_ANT_3117_0107 VERTICAL : RBW:1000.000KHz VBW:0.010KHz Project : ZN0202-01 Mode : Mode 25 SN : #69 GBBJK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit ReadAntenna Level Cable Factor Preamp Loss Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5459.92 42.03 -11.97 54.00 27.99 34.66 9.88 30.50 390 166 Average	Left blank

WIFI	Band 3 5470~5725MHz Band Edge @ 3m	
ANT	802.11n HT40 CH102 5510MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH02-SZ Condition : PART 15.407 3m HF_ANT_3117_0107 VERTICAL : RBW: 1000.000KHz VBW: 3000.000KHz Project : ZN0202-01 Mode : Mode 25 SN : #69 GI8DJK0130550029 Plane : X with Accessories : MCS0 power setting 16 Freq Level Over Limit Limit Line ReadAntenna Level Factor Cable Loss Preamp Factor A/Pos T/Pos Remark MHz dBuV/m dB dBuV/m dBuV dB/m dB dB cm deg 1 5731.61 51.27 -17.03 68.30 36.68 35.06 10.12 30.59 390 166 Peak	Left blank