



FCC RF Test Report

APPLICANT : OnePlus Technology (Shenzhen) Co.,Ltd.
EQUIPMENT : Smart Phone
BRAND NAME : ONEPLUS
MODEL NAME : NE2217,NE2215
FCC ID : 2ABZ2-AA438
STANDARD : FCC Part 15 Subpart E §15.407
CLASSIFICATION : (NII) Unlicensed National Information Infrastructure
TEST DATE(S) : Oct. 30, 2021 ~ Nov. 28, 2021

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

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

Reviewed by: Derreck Chen / Supervisor

Approved by: Eric Shih / Manager



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People's Republic of China



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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR1O1920F	Rev. 01	Initial issue of report	Dec. 17, 2021

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	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass	Under limit 3.67 dB at 5460.000 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 10.05 dB at 0.150 MHz
3.6	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

OnePlus Technology (Shenzhen) Co.,Ltd.

18C02,18C03,18C04,18C05,Shum Yip Terra Building, Binhe Avenue North,Futian District, Shenzhen, Guangdong, China.

1.2 Manufacturer

OnePlus Technology (Shenzhen) Co.,Ltd.

18C02,18C03,18C04,18C05,Shum Yip Terra Building, Binhe Avenue North,Futian District, Shenzhen, Guangdong, China.

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Smart Phone
Brand Name	ONEPLUS
Model Name	NE2217,NE2215
FCC ID	2ABZ2-AA438
IMEI Code	Conducted: 861679050031201 Conduction: 861679050034163 Radiation: 861679050034189
HW Version	11
SW Version	NE2217_11_A.02
EUT Stage	Identical Prototype

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

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5700 MHz
Maximum Output Power to Antenna	<MIMO Ant. 1+2> <5180 MHz ~ 5240 MHz> 802.11a : 20.76 dBm / 0.1191 W 802.11n HT20 : 20.72 dBm / 0.1180 W 802.11n HT40 : 20.64 dBm / 0.1159 W 802.11ac VHT20 : 20.66 dBm / 0.1164 W 802.11ac VHT40 : 20.61 dBm / 0.1151 W 802.11ac VHT80 : 20.28 dBm / 0.1067 W 802.11ac VHT160 : 17.82 dBm / 0.0605 W 802.11ax HE20 : 20.60 dBm / 0.1148 W 802.11ax HE40 : 20.47 dBm / 0.1114 W 802.11ax HE80 : 20.56 dBm / 0.1138 W



	802.11ax HE160 : 18.94 dBm / 0.0783 W <5260 MHz ~ 5320 MHz> 802.11a : 20.65 dBm / 0.1161 W 802.11n HT20 : 20.67 dBm / 0.1167 W 802.11n HT40 : 20.54 dBm / 0.1132 W 802.11ac VHT20 : 20.65 dBm / 0.1161 W 802.11ac VHT40 : 20.66 dBm / 0.1164 W 802.11ac VHT80 : 19.41 dBm / 0.0873 W 802.11ax HE20 : 20.52 dBm / 0.1127 W 802.11ax HE40 : 20.31 dBm / 0.1074 W 802.11ax HE80 : 20.11 dBm / 0.1026 W <5500 MHz ~ 5700 MHz > 802.11a : 20.68 dBm / 0.1169 W 802.11n HT20 : 20.63 dBm / 0.1156 W 802.11n HT40 : 20.68 dBm / 0.1169 W 802.11ac VHT20 : 20.60 dBm / 0.1148 W 802.11ac VHT40 : 20.66 dBm / 0.1164 W 802.11ac VHT80 : 20.49 dBm / 0.1119 W 802.11ac VHT160 : 18.67 dBm / 0.0736 W 802.11ax HE20 : 20.53 dBm / 0.1130 W 802.11ax HE40 : 20.72 dBm / 0.1180 W 802.11ax HE80 : 20.99 dBm / 0.1256 W 802.11ax HE160 : 19.53 dBm / 0.0897 W
99% Occupied Bandwidth	<5180 MHz ~ 5240 MHz> 802.11a : 16.43 MHz 802.11n HT20 : 17.63 MHz 802.11n HT40 : 36.16 MHz 802.11ac VHT80 : 75.28 MHz 802.11ac VHT160 : 154.65 MHz 802.11ax HE20 : 18.93 MHz 802.11ax HE40 : 37.76 MHz 802.11ax HE80 : 76.96 MHz 802.11ax HE160 : 155.84 MHz <5260 MHz ~ 5320 MHz> 802.11a : 16.43 MHz 802.11n HT20 : 17.63 MHz 802.11n HT40 : 36.16 MHz 802.11ac VHT80 : 75.28 MHz 802.11ax HE20 : 18.93 MHz 802.11ax HE40 : 37.76 MHz 802.11ax HE80 : 76.96 MHz <5500 MHz ~ 5700 MHz > 802.11a : 16.43 MHz 802.11n HT20 : 17.63 MHz 802.11n HT40 : 36.16 MHz 802.11ac VHT80 : 75.40 MHz 802.11ac VHT160 : 154.65 MHz 802.11ax HE20 : 18.93 MHz 802.11ax HE40 : 37.86 MHz 802.11ax HE80 : 77.08 MHz 802.11ax HE160 : 156.08 MHz
Antenna Type / Gain	<5150 MHz ~ 5250 MHz> <Ant. 1> : Fixed Internal Antenna with gain 0.50 dBi <Ant. 2> : Fixed Internal Antenna with gain -1.50 dBi <5250 MHz ~ 5350 MHz>

	<Ant. 1> : Fixed Internal Antenna with gain 0.50 dBi <Ant. 2> : Fixed Internal Antenna with gain -1.50 dBi <5470 MHz ~ 5725 MHz> <Ant. 1> : Fixed Internal Antenna with gain -1.50 dBi <Ant. 2> : Fixed Internal Antenna with gain -1.50 dBi		
Type of Modulation	802.11a/n: OFDM (BPSK / QPSK / 16QAM / 64QAM) 802.11ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM) 802.11ax: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM / 1024QAM / 4096QAM)		
Antenna Function Description		Ant. 1	Ant. 2
	802.11 a/n/ac/ax SISO/MIMO	V	V

Note:

1. WLAN 5G Ant. 1 / Ant. 2 corresponding to EUT Photo Ant. 13 / Ant. 9
2. WLAN operation in 5600 MHz ~ 5650 MHz is notched.
3. 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.
4. 802.11ax support full RU tone and partial RU tone, both full RU and partial RU-left (for low CH) and partial RU-right (for high CH) are tested, only the worse data were reported.
5. WLAN 5G supports MIMO and SISO mode, the whole testing have assessed the MIMO mode by referring to their maximum conducted power.

1.5 Modification of EUT

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



1.6 Testing Location

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

Test Firm	Sporton International (Shenzhen) Inc.		
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.
	CO01-SZ TH01-SZ	CN1256	421272

Test Firm	Sporton International (Shenzhen) Inc.		
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.
	03CH01-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH01-SZ	AUDIX	E3	6.2009-8-24
2.	CO01-SZ	AUDIX	E3	6.120613b



1.8 Applicable Standards

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

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

Remark:

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 (Y plane) were recorded in this report.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 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)
5250-5350 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)
5470-5725 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

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
802.11ac VHT160	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0
802.11ax HE160	MCS0

Co-location
802.11ax HE40 CH62 TX + LTE Band 48 Link
802.11n HT40 CH03 TX + 802.11ax HE40 CH62 TX + LTE Band 48 Link

Test Cases	
AC Conducted Emission	Mode 1 : GSM850 Idle + Bluetooth Link + WLAN(5G)Link + USB Cable 1(Charging from Adapter1) + Battery1
Remark: For Radiated Test Cases, The tests were performance with Adapter 1, Battery 1, USB Cable 1	



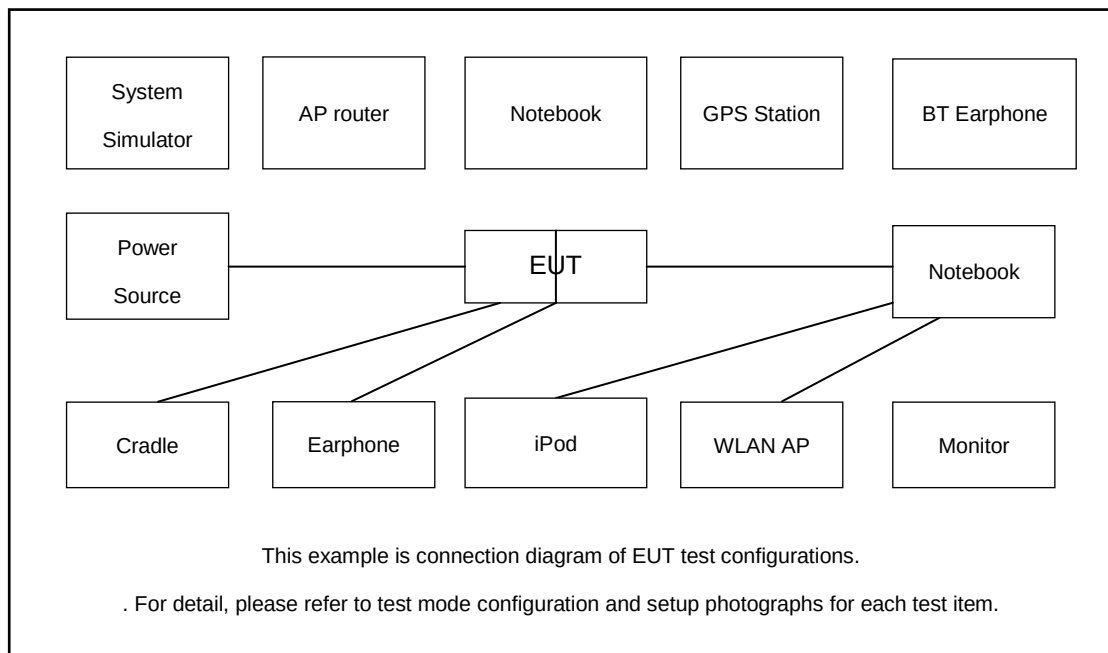
Ch. #		U-NII-1 : 5150-5250 MHz	U-NII-2A : 5250-5350 MHz	U-NII-2C : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		U-NII-1 : 5150-5250 MHz	U-NII-2A : 5250-5350 MHz	U-NII-2C : 5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		U-NII-1 : 5150-5250 MHz	U-NII-2A : 5250-5350 MHz	U-NII-2C : 5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

Ch. #		U-NII-1 : 5150-5250 MHz	U-NII-2A : 5250-5350 MHz	U-NII-2C : 5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	-
M	Middle	42	58	106
H	High	-	-	-

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station(LTE)	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	Notebook	Lenovo	E540	FCC DoC	AC I/P : Unshielded, 1.2m DC O/P : Shielded, 1.8m	N/A
3.	Bluetooth Earphone	Samsung	EO-MG900	PYAHS-107W	N/A	N/A
4.	WLAN AP	Dlink	DIR-820L	KA2IR820LA1	N/A	Unshielded,1.8m



2.5 EUT Operation Test Setup

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

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

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss 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.

$$\begin{aligned}\text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)} \\ &= 2.8 + 10 = 12.8 \text{ (dB)}\end{aligned}$$

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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.

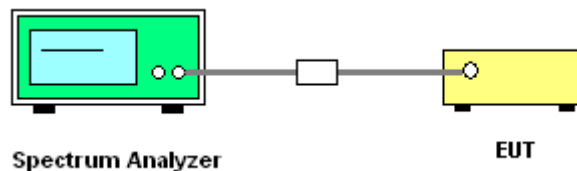
3.1.2 Measuring Instruments

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 1MHz and set the Video bandwidth (VBW) $\geq 3 * \text{RBW}$.
8. Measure and record the results in the test report.

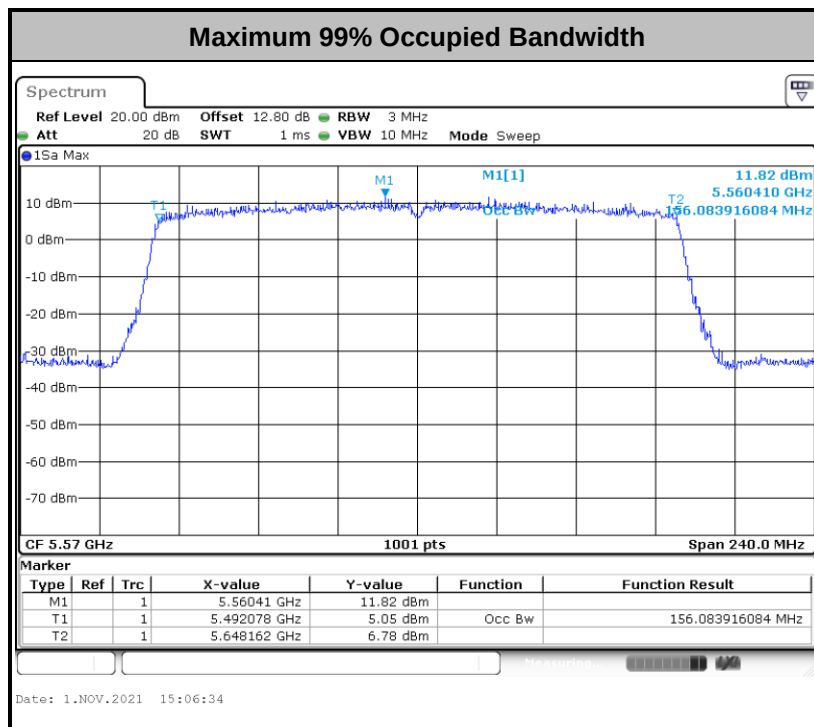
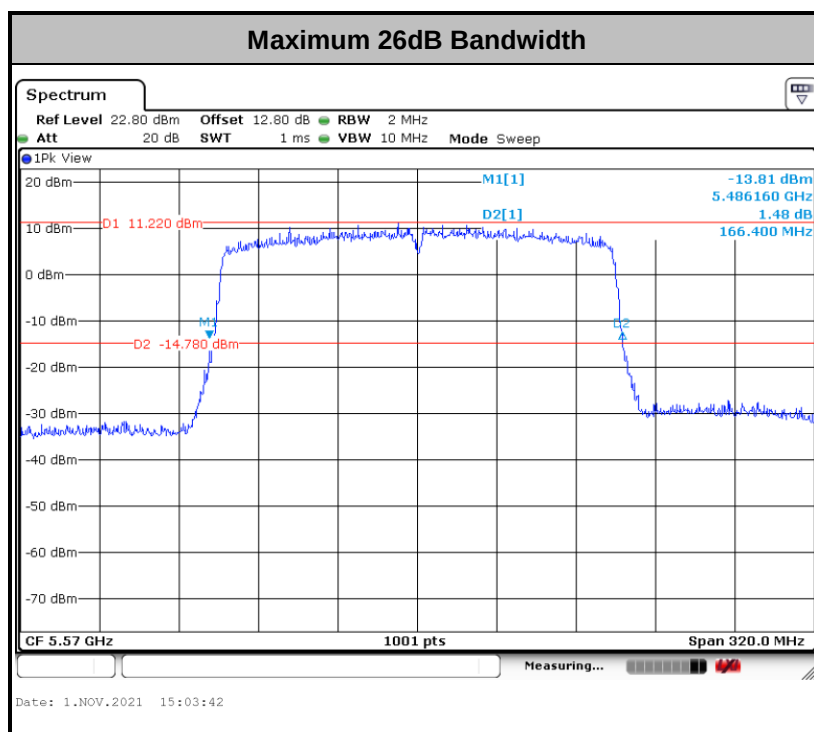
3.1.4 Test Setup





3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.



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



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW.

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 $10 \log B$, where B is the 26 dB emission bandwidth in megahertz.

For the 5.47–5.6 GHz and 5.65–5.725 GHz band, the maximum conducted output power shall not exceed 250 mW or $11 + 10 \log_{10} B$, dBm, whichever power is less. The maximum e.i.r.p. shall not exceed 1.0 W or $17 + 10 \log_{10} B$, dBm, whichever is less. B is the 99% emission bandwidth in megahertz.

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.

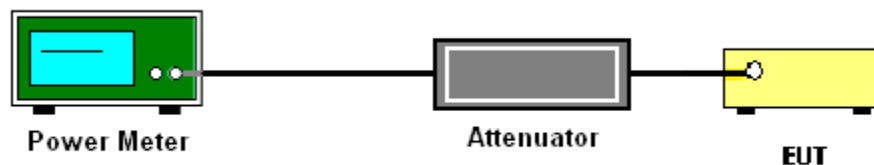
3.2.3 Test Procedures

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.

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.

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

3.3.2 Measuring Instruments

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



3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

Method SA-2

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

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW $\geq$ 3 MHz.
 - Number of points in sweep $\geq$ 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

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

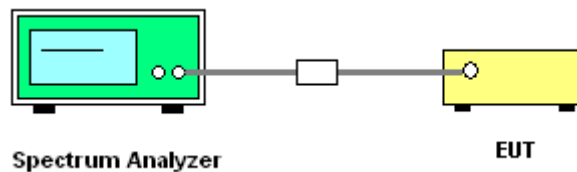
Method (b): Measure and sum spectral maxima across the outputs.

The measurement on each individual output were performed with the same span and number on each individual output. The maximum value (peak) of each spectrum is determined. These maximum values are then summed mathematically in linear power units across the outputs.

Method (c): Measure and add $10 \log(N_{\text{ANT}})$ dB, where N_{ANT} is the number of outputs.

The measurement on each individual output were performed with the same span and number on each individual output. The quantity $10 \log(N_{\text{ANT}})$ dB is added to each spectrum value before comparing to the emission limit.

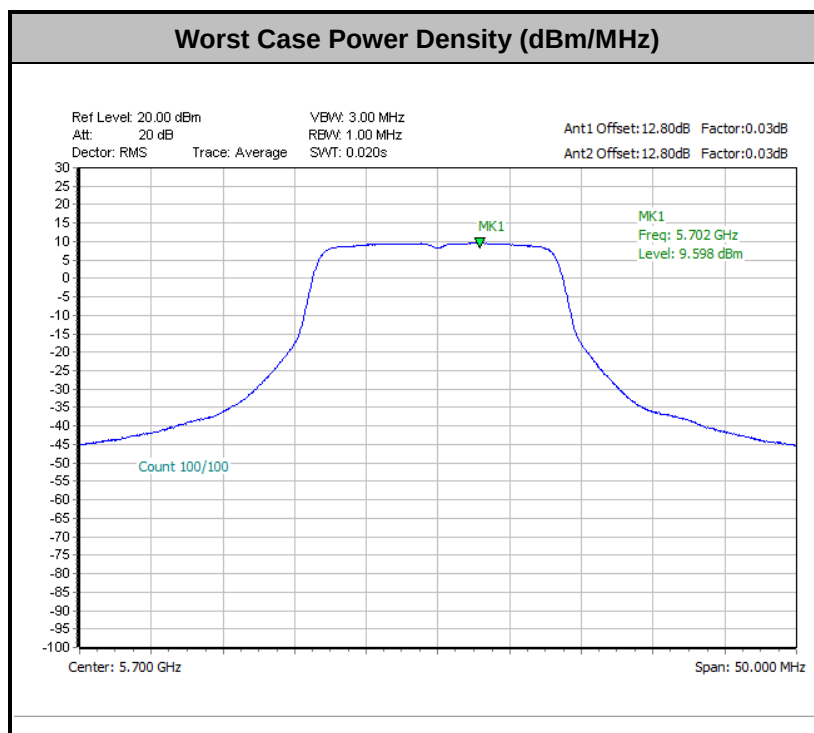
3.3.4 Test Setup





3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.



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.

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

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) ANSI C63.10-2013 clause 12.7.3 note 97

As specified by regulatory requirements, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit. However, an out-of-band emission that complies with both the average and peak general regulatory limits is not required to satisfy the peak emission limit.

3.4.2 Measuring Instruments

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

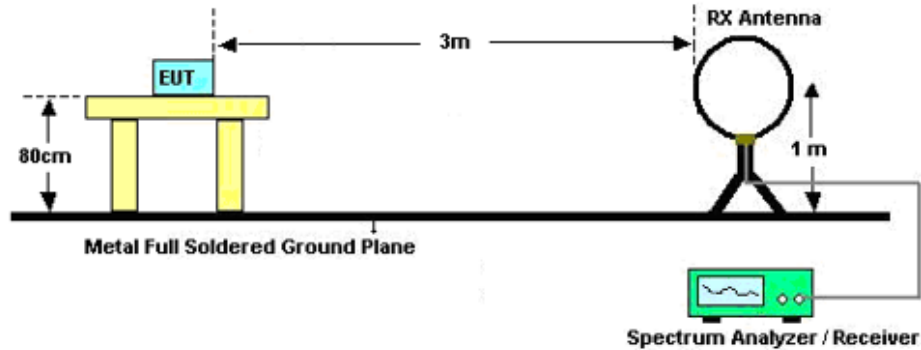


3.4.3 Test Procedures

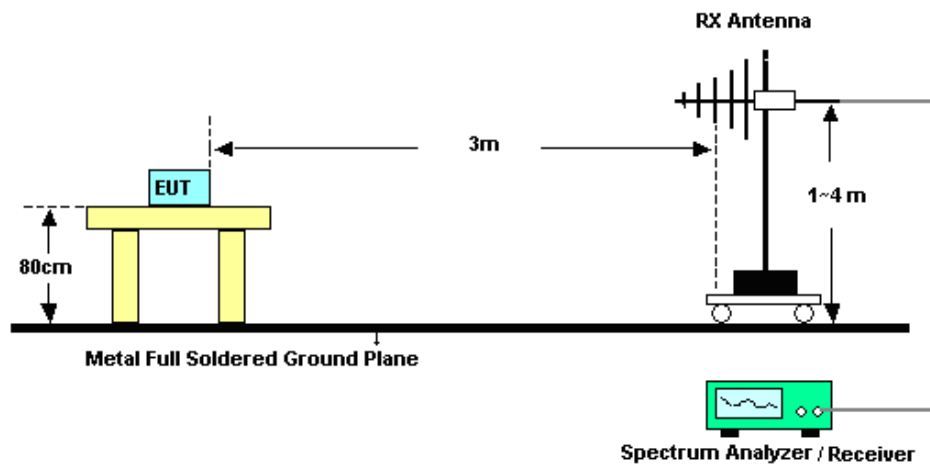
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section G) Unwanted emissions measurement.
 - (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
 - RBW = 120 kHz
 - VBW = 300 kHz
 - Detector = Peak
 - Trace mode = max hold
 - (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
 - RBW = 1 MHz
 - VBW $\geq$ 3 MHz
 - Detector = Peak
 - Sweep time = auto
 - Trace mode = max hold
 - (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
 - RBW = 1 MHz
 - VBW = 10 Hz, when duty cycle is no less than 98 percent.
 - VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
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

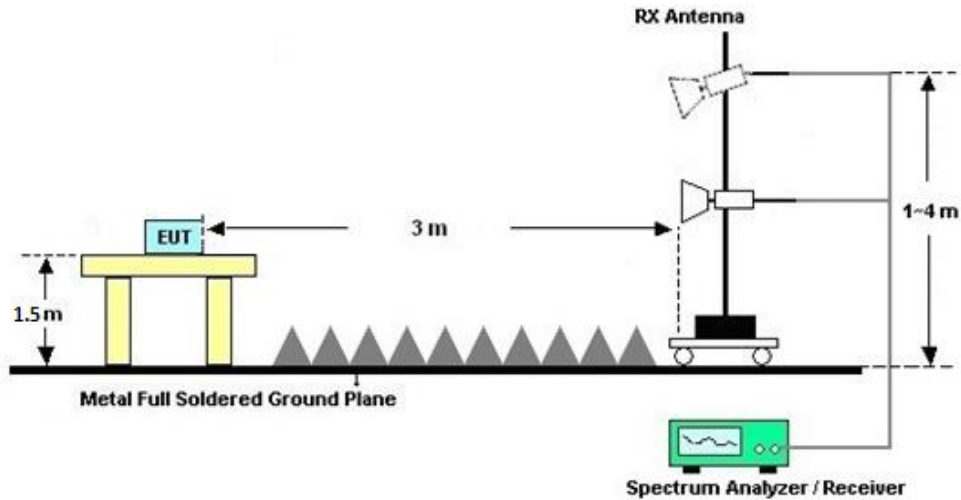
For radiated emissions below 30MHz



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.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

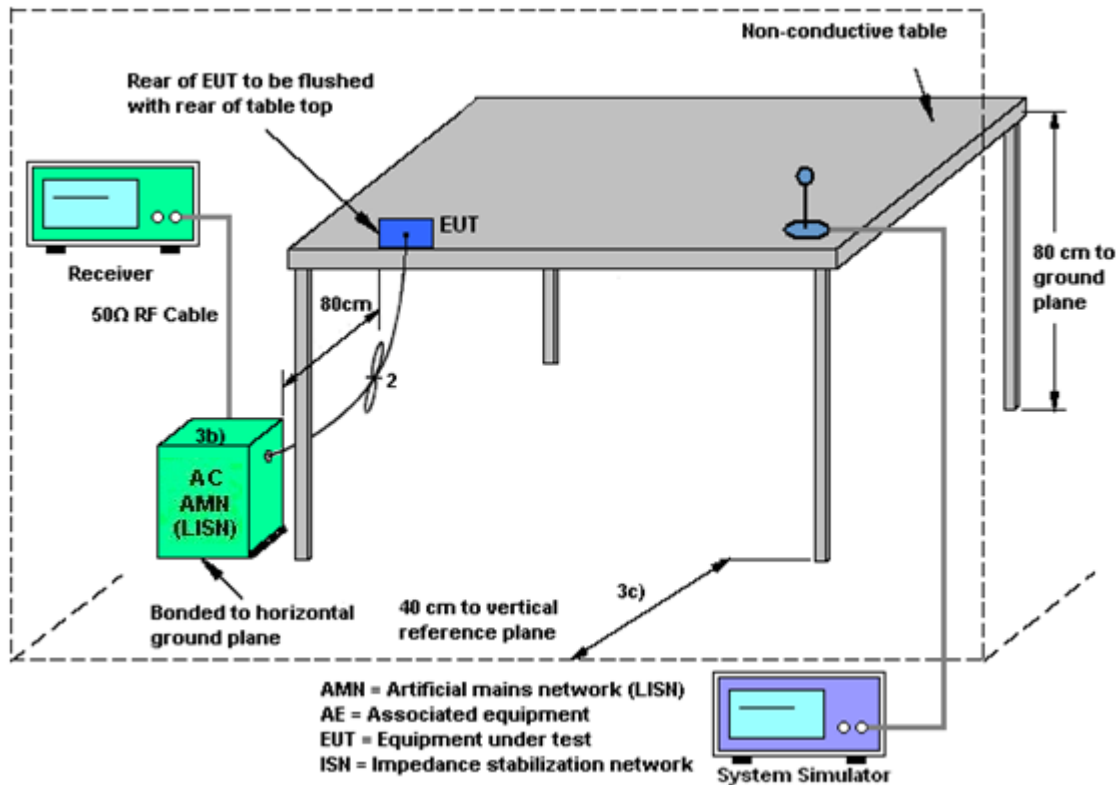
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 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.

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>						
			DG for Power	DG for PSD	Power Limit Reduction	PSD Limit Reduction
	Ant. 1 (dBi)	Ant. 2 (dBi)	(dBi)	(dBi)	(dB)	(dB)
Band I	0.50	-1.50	0.50	2.57	0.00	0.00
Band II	0.50	-1.50	0.50	2.57	0.00	0.00
Band III	-1.50	-1.50	-1.50	1.51	0.00	0.00

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

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



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 08, 2021	Oct. 31, 2021~ Nov. 01, 2021	Apr. 07, 2022	Conducted (TH01-SZ)
Pulse Power Sensor	Anritsu	MA2411B	1207253	30MHz~40GHz	Dec. 25, 2020	Oct. 31, 2021~ Nov. 01, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Dec. 25, 2020	Oct. 31, 2021~ Nov. 01, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Dec. 03, 2020	Nov. 28, 2021	Dec. 02, 2021	Radiation (03CH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 21, 2021	Nov. 28, 2021	Jul. 20, 2022	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jun. 22, 2020	Nov. 28, 2021	Jun. 21, 2022	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Jul. 15, 2021	Nov. 28, 2021	Jul. 14, 2022	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 25, 2021	Nov. 28, 2021	Jul. 24, 2022	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz-40GHz	Apr.11, 2021	Nov. 28, 2021	Apr.10, 2022	Radiation (03CH01-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000MHz	Apr. 07, 2021	Nov. 28, 2021	Apr. 06, 2022	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-0010 1800-30-10P-R	1943528	1GHz~18GHz	Oct. 16, 2021	Nov. 28, 2021	Oct. 15, 2022	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5GHz	Oct. 16, 2021	Nov. 28, 2021	Oct. 15, 2022	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 21, 2021	Nov. 28, 2021	Jul. 20, 2022	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	NCR	Nov. 28, 2021	NCR	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Nov. 28, 2021	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Nov. 28, 2021	NCR	Radiation (03CH01-SZ)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Mar. 08, 2021	Oct. 30, 2021	Mar. 07, 2022	Conduction (CO01-SZ)
AC LISN	R&S	ENV216	100063	9kHz~30MHz	Sep. 1, 2021	Oct. 30, 2021	Aug. 31, 2022	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 28, 2021	Oct. 30, 2021	Oct. 27, 2022	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Jul. 14, 2021	Oct. 30, 2021	Jul. 13, 2022	Conduction (CO01-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 Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.2dB
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.2dB
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.0dB
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Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.3dB
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----- THE END -----



Appendix A. Conducted Test Results

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Chen Hong	Temperature:	21~25	°C
Test Date:	2021/10/31~2021/11/1	Relative Humidity:	51~54	%

TEST RESULTS DATA
Average Power Table

FCC Band I															
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	Full	5180	0.03	0.03	18.12	17.34	20.76	24.00	0.50		Pass	
11a	6Mbps	2	44	Full	5220	0.03	0.03	17.62	17.54	20.59	24.00	0.50		Pass	
11a	6Mbps	2	48	Full	5240	0.03	0.03	17.44	17.68	20.57	24.00	0.50		Pass	
HT20	MCS0	2	36	Full	5180	0.00	0.00	17.82	17.31	20.58	24.00	0.50		Pass	
HT20	MCS0	2	44	Full	5220	0.00	0.00	17.22	17.27	20.26	24.00	0.50		Pass	
HT20	MCS0	2	48	Full	5240	0.00	0.00	17.55	17.86	20.72	24.00	0.50		Pass	
HT40	MCS0	2	38	Full	5190	0.00	0.00	17.60	17.24	20.43	24.00	0.50		Pass	
HT40	MCS0	2	46	Full	5230	0.00	0.00	17.49	17.76	20.64	24.00	0.50		Pass	
VHT20	MCS0	2	36	Full	5180	0.00	0.00	17.76	17.28	20.54	24.00	0.50		Pass	
VHT20	MCS0	2	44	Full	5220	0.00	0.00	17.20	17.22	20.22	24.00	0.50		Pass	
VHT20	MCS0	2	48	Full	5240	0.00	0.00	17.46	17.83	20.66	24.00	0.50		Pass	
VHT40	MCS0	2	38	Full	5190	0.00	0.00	17.56	17.23	20.41	24.00	0.50		Pass	
VHT40	MCS0	2	46	Full	5230	0.00	0.00	17.46	17.73	20.61	24.00	0.50		Pass	
VHT80	MCS0	2	42	Full	5210	0.00	0.00	17.28	17.26	20.28	24.00	0.50		Pass	
VHT160	MCS0	2	50	Full	5250	0.00	0.00	14.64	14.98	17.82	24.00	0.50		Pass	
HE20	MCS0	2	36	Full	5180	0.00	0.00	17.90	17.25	20.60	24.00	0.50		Pass	
				26/0		0.00	0.00	8.26	8.04	11.16	24.00	0.50		Pass	
				52/37		0.00	0.00	11.21	11.01	14.12	24.00	0.50		Pass	
				106/53		0.00	0.00	14.50	14.42	17.47	24.00	0.50		Pass	
			44	Full	5220	0.00	0.00	17.40	17.39	20.41	24.00	0.50		Pass	
				Full		0.00	0.00	17.25	17.55	20.41	24.00	0.50		Pass	
				26/8		0.00	0.00	7.82	8.05	10.95	24.00	0.50		Pass	
				52/40		0.00	0.00	10.63	10.86	13.76	24.00	0.50		Pass	
			48	106/54	0.00	0.00	14.02	14.28	17.16	24.00	0.50		Pass		
				Full	0.00	0.00	17.65	17.24	20.46	24.00	0.50		Pass		
HE40	MCS0	2	38	242/61	5190	0.00	0.00	17.57	17.34	20.47	24.00	0.50		Pass	
				Full		0.00	0.00	17.22	17.33	20.29	24.00	0.50		Pass	
HE80	MCS0	2	42	242/62	5230	0.00	0.00	17.12	17.29	20.22	24.00	0.50		Pass	
				Full		0.00	0.00	17.52	17.57	20.56	24.00	0.50		Pass	
				484/65		0.00	0.00	16.22	16.14	19.19	24.00	0.50		Pass	
HE160	MCS0	2	50	484/66	5210	0.00	0.00	17.35	17.11	20.24	24.00	0.50		Pass	
				Full		0.00	0.00	14.95	15.38	18.18	24.00	0.50		Pass	
				996/67		0.00	0.00	15.67	16.18	18.94	24.00	0.50		Pass	

TEST RESULTS DATA
Average Power Table

FCC Band II																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	Full	5260	0.03	0.03	17.56	17.35	20.47	23.98		0.50		26.99	Pass
11a	6Mbps	2	60	Full	5300	0.03	0.03	17.34	17.35	20.36	23.98		0.50		26.99	Pass
11a	6Mbps	2	64	Full	5320	0.03	0.03	17.80	17.48	20.65	23.96		0.50		26.99	Pass
HT20	MCS0	2	52	Full	5260	0.00	0.00	17.70	17.62	20.67	23.98		0.50		26.99	Pass
HT20	MCS0	2	60	Full	5300	0.00	0.00	17.46	17.63	20.56	23.98		0.50		26.99	Pass
HT20	MCS0	2	64	Full	5320	0.00	0.00	17.56	17.32	20.45	23.98		0.50		26.99	Pass
HT40	MCS0	2	54	Full	5270	0.00	0.00	17.48	17.57	20.54	23.98		0.50		26.99	Pass
HT40	MCS0	2	62	Full	5310	0.00	0.00	16.68	16.37	19.54	23.98		0.50		26.99	Pass
VHT20	MCS0	2	52	Full	5260	0.00	0.00	17.68	17.60	20.65	23.98		0.50		26.99	Pass
VHT20	MCS0	2	60	Full	5300	0.00	0.00	17.43	17.61	20.53	23.98		0.50		26.99	Pass
VHT20	MCS0	2	64	Full	5320	0.00	0.00	17.53	17.30	20.43	23.98		0.50		26.99	Pass
VHT40	MCS0	2	54	Full	5270	0.00	0.00	17.44	17.54	20.50	23.98		0.50		26.99	Pass
VHT40	MCS0	2	62	Full	5310	0.00	0.00	17.75	17.55	20.66	23.98		0.50		26.99	Pass
VHT80	MCS0	2	58	Full	5290	0.00	0.00	16.37	16.42	19.41	23.98		0.50		26.99	Pass
HE20	MCS0	2	52	Full	5260	0.00	0.00	17.38	17.26	20.33	23.98		0.50		26.99	Pass
				26/0		0.00	0.00	7.85	7.67	10.77	23.98		0.50		26.99	Pass
				52/37		0.00	0.00	10.66	10.58	13.63	23.98		0.50		26.99	Pass
				106/53		0.00	0.00	14.09	13.84	16.98	23.98		0.50		26.99	Pass
			64	Full	5320	0.00	0.00	17.27	17.25	20.27	23.98		0.50		26.99	Pass
				Full		0.00	0.00	17.63	17.38	20.52	23.98		0.50		26.99	Pass
				26/8		0.00	0.00	8.11	7.81	10.97	23.98		0.50		26.99	Pass
				52/40		0.00	0.00	11.16	10.75	13.97	23.98		0.50		26.99	Pass
HE40	MCS0	2	54	Full	5270	0.00	0.00	17.23	17.28	20.27	23.98		0.50		26.99	Pass
				242/61		0.00	0.00	17.09	17.14	20.13	23.98		0.50		26.99	Pass
			62	Full	5310	0.00	0.00	16.76	16.42	19.60	23.98		0.50		26.99	Pass
				242/62		0.00	0.00	17.52	17.06	20.31	23.98		0.50		26.99	Pass
HE80	MCS0	2	58	Full	5290	0.00	0.00	15.46	15.52	18.50	23.98		0.50		26.99	Pass
				484/65		0.00	0.00	17.08	17.12	20.11	23.98		0.50		26.99	Pass
				484/66		0.00	0.00	15.12	14.72	17.93	23.98		0.50		26.99	Pass

TEST RESULTS DATA
Average Power Table

FCC Band III																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	Full	5500	0.03	0.03	17.59	17.24	20.43	23.96		-1.50	26.99	Pass	
11a	6Mbps	2	116	Full	5580	0.03	0.03	17.41	17.40	20.42	23.96		-1.50	26.99	Pass	
11a	6Mbps	2	140	Full	5700	0.03	0.03	17.81	17.52	20.68	23.97		-1.50	26.99	Pass	
HT20	MCS0	2	100	Full	5500	0.00	0.00	17.66	17.58	20.63	23.98		-1.50	26.99	Pass	
HT20	MCS0	2	116	Full	5580	0.00	0.00	17.51	17.68	20.61	23.98		-1.50	26.99	Pass	
HT20	MCS0	2	140	Full	5700	0.00	0.00	17.52	17.30	20.42	23.98		-1.50	26.99	Pass	
HT40	MCS0	2	102	Full	5510	0.00	0.00	17.44	17.28	20.37	23.98		-1.50	26.99	Pass	
HT40	MCS0	2	110	Full	5550	0.00	0.00	17.61	17.56	20.60	23.98		-1.50	26.99	Pass	
HT40	MCS0	2	134	Full	5670	0.00	0.00	17.82	17.51	20.68	23.98		-1.50	26.99	Pass	
VHT20	MCS0	2	100	Full	5500	0.00	0.00	17.64	17.53	20.60	23.98		-1.50	26.99	Pass	
VHT20	MCS0	2	116	Full	5580	0.00	0.00	17.48	17.66	20.58	23.98		-1.50	26.99	Pass	
VHT20	MCS0	2	140	Full	5700	0.00	0.00	17.50	17.28	20.40	23.98		-1.50	26.99	Pass	
VHT40	MCS0	2	102	Full	5510	0.00	0.00	17.42	17.26	20.35	23.98		-1.50	26.99	Pass	
VHT40	MCS0	2	110	Full	5550	0.00	0.00	17.58	17.54	20.57	23.98		-1.50	26.99	Pass	
VHT40	MCS0	2	134	Full	5670	0.00	0.00	17.80	17.50	20.66	23.98		-1.50	26.99	Pass	
VHT80	MCS0	2	106	Full	5530	0.00	0.00	17.49	17.46	20.49	23.98		-1.50	26.99	Pass	
VHT80	MCS0	2	122	Full	5610	0.00	0.00	17.42	17.40	20.42	23.98		-1.50	26.99	Pass	
VHT160	MCS0	2	114	Full	5570	0.00	0.00	15.83	15.49	18.67	23.98		-1.50	26.99	Pass	
HE20	MCS0	2	100	Full	5500	0.00	0.00	17.35	17.22	20.30	23.98		-1.50	26.99	Pass	
				26/0		0.00	0.00	7.96	7.62	10.80	23.98		-1.50	26.99	Pass	
				52/37		0.00	0.00	11.02	10.54	13.80	23.98		-1.50	26.99	Pass	
				106/53		0.00	0.00	14.27	13.62	16.97	23.98		-1.50	26.99	Pass	
			140	Full	5700	0.00	0.00	17.24	17.23	20.25	23.98		-1.50	26.99	Pass	
				26/8		0.00	0.00	7.68	7.37	10.54	23.98		-1.50	26.99	Pass	
				52/40		0.00	0.00	10.82	10.23	13.55	23.98		-1.50	26.99	Pass	
				106/54		0.00	0.00	13.96	13.43	16.71	23.98		-1.50	26.99	Pass	
HE40	MCS0	2	102	Full	5510	0.00	0.00	17.58	17.31	20.46	23.98		-1.50	26.99	Pass	
				242/61		0.00	0.00	17.14	17.05	20.11	23.98		-1.50	26.99	Pass	
		2	110	Full	5550	0.00	0.00	17.22	17.26	20.25	23.98		-1.50	26.99	Pass	
				242/62		0.00	0.00	17.82	17.54	20.69	23.98		-1.50	26.99	Pass	
HE80	MCS0	2	106	Full	5530	0.00	0.00	17.33	17.28	20.32	23.98		-1.50	26.99	Pass	
				484/65		0.00	0.00	15.28	14.76	18.04	23.98		-1.50	26.99	Pass	
		2	122	Full	5610	0.00	0.00	17.23	17.35	20.30	23.98		-1.50	26.99	Pass	
				484/66		0.00	0.00	18.01	17.94	20.99	23.98		-1.50	26.99	Pass	
HE160	MCS0	2	114	Full	5570	0.00	0.00	16.47	16.27	19.38	23.98		-1.50	26.99	Pass	
			114	996/67	5570	0.00	0.00	16.73	16.30	19.53	23.98		-1.50	26.99	Pass	

TEST RESULTS DATA
26dB and 99% OBW

Band I														
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)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	16.43	16.38	20.60	19.65	-	-	22.14	-		
11a	6Mbps	2	44	5220	16.43	16.38	20.45	19.85	-	-	22.14	-		
11a	6Mbps	2	48	5240	16.43	16.43	20.45	19.90	-	-	22.16	-		
HT20	MCS0	2	36	5180	17.63	17.53	21.50	20.90	-	-	22.44	-		
HT20	MCS0	2	44	5220	17.58	17.53	21.25	21.20	-	-	22.44	-		
HT20	MCS0	2	48	5240	17.63	17.53	21.30	21.40	-	-	22.44	-		
HT40	MCS0	2	38	5190	36.16	36.06	39.87	39.60	-	-	23.01	-		
HT40	MCS0	2	46	5230	36.16	36.06	39.96	39.60	-	-	23.01	-		
VHT80	MCS0	2	42	5210	75.28	75.16	83.84	82.24	-	-	23.01	-		
VHT160	MCS0	2	50	5250	154.65	154.17	165.76	164.80	-	-	23.01	-		
HE20	MCS0	2	36	5180	18.93	18.88	21.70	21.30	-	-	22.76	-		
HE20	MCS0	2	44	5220	18.88	18.88	21.80	21.35	-	-	22.76	-		
HE20	MCS0	2	48	5240	18.88	18.83	21.60	21.35	-	-	22.75	-		
HE40	MCS0	2	38	5190	37.76	37.76	40.50	40.32	-	-	23.01	-		
HE40	MCS0	2	46	5230	37.76	37.76	39.87	40.32	-	-	23.01	-		
HE80	MCS0	2	42	5210	76.96	76.96	82.08	81.92	-	-	23.01	-		
HE160	MCS0	2	50	5250	155.84	155.84	165.76	165.12	-	-	23.01	-		

TEST RESULTS DATA
26dB and 99% OBW

Band II															
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
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	16.43	16.38	20.50	19.90	23.14		29.14		23.98		
11a	6Mbps	2	60	5300	16.38	16.38	20.15	20.10	23.14		29.14		23.98		
11a	6Mbps	2	64	5320	16.43	16.38	20.40	19.75	23.14		29.14		23.96		
HT20	MCS0	2	52	5260	17.63	17.53	21.65	21.10	23.44		29.44		23.98		
HT20	MCS0	2	60	5300	17.58	17.53	21.65	20.90	23.44		29.44		23.98		
HT20	MCS0	2	64	5320	17.63	17.53	21.45	20.85	23.44		29.44		23.98		
HT40	MCS0	2	54	5270	36.06	36.06	39.42	39.24	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.16	36.06	39.60	39.69	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	75.28	75.16	83.68	82.08	23.98		30.00		23.98		
HE20	MCS0	2	52	5260	18.93	18.83	21.70	21.05	23.75		29.75		23.98		
HE20	MCS0	2	60	5300	18.88	18.88	21.20	21.55	23.76		29.76		23.98		
HE20	MCS0	2	64	5320	18.93	18.83	21.75	21.30	23.75		29.75		23.98		
HE40	MCS0	2	54	5270	37.76	37.76	40.32	40.32	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	37.76	37.76	40.14	39.87	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	76.96	76.96	82.88	82.56	23.98		30.00		23.98		

TEST RESULTS DATA
26dB and 99% OBW

Band III															
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
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	100	5500	16.43	16.38	20.55	19.75	23.14		29.14		23.96		
11a	6Mbps	2	116	5580	16.43	16.38	20.45	19.75	23.14		29.14		23.96		
11a	6Mbps	2	140	5700	16.43	16.38	20.20	19.80	23.14		29.14		23.97		
HT20	MCS0	2	100	5500	17.63	17.53	21.40	20.90	23.44		29.44		23.98		
HT20	MCS0	2	116	5580	17.63	17.53	21.35	21.30	23.44		29.44		23.98		
HT20	MCS0	2	140	5700	17.58	17.53	21.70	20.90	23.44		29.44		23.98		
HT40	MCS0	2	102	5510	36.16	36.06	39.69	39.78	23.98		30.00		23.98		
HT40	MCS0	2	110	5550	36.16	36.16	39.51	39.42	23.98		30.00		23.98		
HT40	MCS0	2	134	5670	36.16	36.06	40.05	39.60	23.98		30.00		23.98		
VHT80	MCS0	2	106	5530	75.40	75.16	82.56	82.08	23.98		30.00		23.98		
VHT80	MCS0	2	122	5610	75.28	75.28	82.56	81.44	23.98		30.00		23.98		
VHT160	MCS0	2	114	5570	154.65	154.41	165.12	164.16	23.98		30.00		23.98		
HE20	MCS0	2	100	5500	18.93	18.83	21.30	21.15	23.75		29.75		23.98		
HE20	MCS0	2	116	5580	18.93	18.83	21.80	21.25	23.75		29.75		23.98		
HE20	MCS0	2	140	5700	18.88	18.83	21.65	21.40	23.75		29.75		23.98		
HE40	MCS0	2	102	5510	37.86	37.66	40.32	40.23	23.98		30.00		23.98		
HE40	MCS0	2	110	5550	37.76	37.76	40.05	40.23	23.98		30.00		23.98		
HE40	MCS0	2	134	5670	37.76	37.76	40.14	40.32	23.98		30.00		23.98		
HE80	MCS0	2	106	5530	77.08	76.96	82.40	82.08	23.98		30.00		23.98		
HE80	MCS0	2	122	5610	77.08	77.08	82.24	82.24	23.98		30.00		23.98		
HE160	MCS0	2	114	5570	155.84	156.08	166.40	165.12	23.98		30.00		23.98		

TEST RESULTS DATA
Power Spectral Density

FCC Band I																
Mod.	Data Rate	N _{TX}	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	Full	5180	0.03	0.03			9.23	11.00		2.57		Pass	
11a	6Mbps	2	44	Full	5220	0.03	0.03			9.32	11.00		2.57		Pass	
11a	6Mbps	2	48	Full	5240	0.03	0.03			9.33	11.00		2.57		Pass	
HT20	MCS0	2	36	Full	5180	0.00	0.00			9.01	11.00		2.57		Pass	
HT20	MCS0	2	44	Full	5220	0.00	0.00			8.77	11.00		2.57		Pass	
HT20	MCS0	2	48	Full	5240	0.00	0.00			9.33	11.00		2.57		Pass	
HT40	MCS0	2	38	Full	5190	0.00	0.00			5.93	11.00		2.57		Pass	
HT40	MCS0	2	46	Full	5230	0.00	0.00			6.21	11.00		2.57		Pass	
VHT80	MCS0	2	42	Full	5210	0.00	0.00			2.69	11.00		2.57		Pass	
VHT160	MCS0	2	50	Full	5250	0.00	0.00			-0.81	11.00		2.57		Pass	
HE20	MCS0	2	36	Full	5180	0.00	0.00			8.92	11.00		2.57		Pass	
				26/0		0.00	0.00			8.25	11.00		2.57		Pass	
				52/37		0.00	0.00			8.34	11.00		2.57		Pass	
				106/53		0.00	0.00			8.60	11.00		2.57		Pass	
HE20	MCS0	2	44	Full	5220	0.00	0.00			8.72	11.00		2.57		Pass	
HE20	MCS0	2	48	Full	5240	0.00	0.00			8.73	11.00		2.57		Pass	
				26/8		0.00	0.00		8.06	11.00		2.57	Pass			
				52/40		0.00	0.00		8.03	11.00		2.57	Pass			
				106/54		0.00	0.00		8.34	11.00		2.57	Pass			
HE40	MCS0	2	38	Full	5190	0.00	0.00		5.90	11.00		2.57	Pass			
				242/61		0.00	0.00		8.16	11.00		2.57	Pass			
HE40	MCS0	2	46	Full	5230	0.00	0.00		5.69	11.00		2.57	Pass			
				242/62		0.00	0.00		7.98	11.00		2.57	Pass			
HE80	MCS0	2	42	Full	5210	0.00	0.00		3.09	11.00		2.57	Pass			
				484/65		0.00	0.00		4.83	11.00		2.57	Pass			
				484/66		0.00	0.00		4.94	11.00		2.57	Pass			
HE160	MCS0	2	50	Full	5250	0.00	0.00		-0.91	11.00		2.57	Pass			
				996/67		0.00	0.00		2.51	11.00		2.57	Pass			

TEST RESULTS DATA
Power Spectral Density

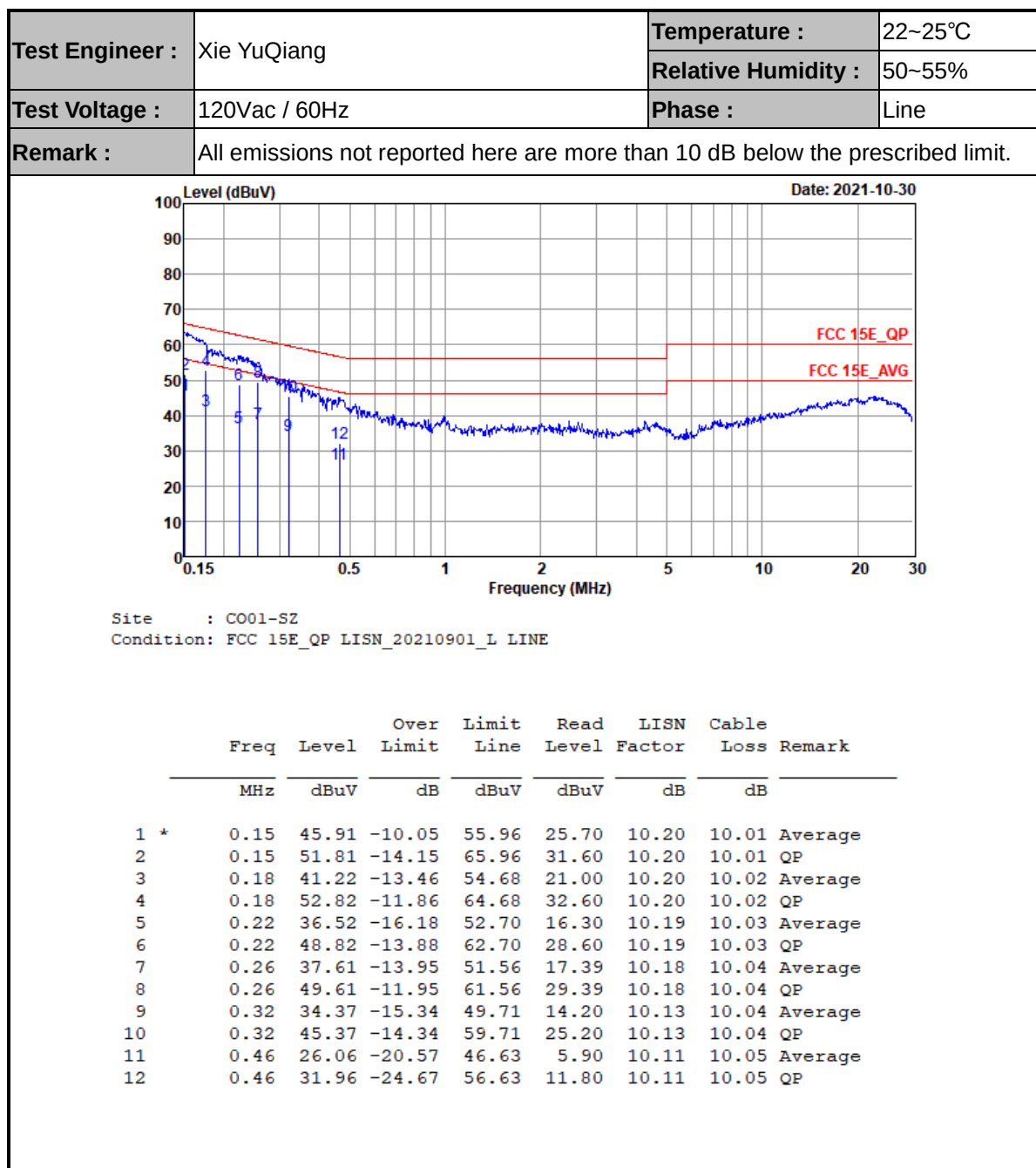
FCC Band II																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	Full	5260	0.03	0.03			9.26	11.00	2.57			Pass	
11a	6Mbps	2	60	Full	5300	0.03	0.03			9.25	11.00	2.57			Pass	
11a	6Mbps	2	64	Full	5320	0.03	0.03			9.60	11.00	2.57			Pass	
HT20	MCS0	2	52	Full	5260	0.00	0.00			9.19	11.00	2.57			Pass	
HT20	MCS0	2	60	Full	5300	0.00	0.00			9.11	11.00	2.57			Pass	
HT20	MCS0	2	64	Full	5320	0.00	0.00			8.93	11.00	2.57			Pass	
HT40	MCS0	2	54	Full	5270	0.00	0.00			6.11	11.00	2.57			Pass	
HT40	MCS0	2	62	Full	5310	0.00	0.00			6.37	11.00	2.57			Pass	
VHT80	MCS0	2	58	Full	5290	0.00	0.00			3.06	11.00	2.57			Pass	
HE20	MCS0	2	52	Full	5260	0.00	0.00			8.65	11.00	2.57			Pass	
				26/0		0.00	0.00	7.95	11.00	2.57		Pass				
				52/37		0.00	0.00	8.07	11.00	2.57		Pass				
				106/53		0.00	0.00	8.31	11.00	2.57		Pass				
HE20	MCS0	2	60	Full	5300	0.00	0.00	8.53	11.00	2.57		Pass				
HE20	MCS0	2	64	Full	5320	0.00	0.00	8.88	11.00	2.57		Pass				
				26/8		0.00	0.00	8.23	11.00	2.57		Pass				
				52/40		0.00	0.00	8.42	11.00	2.57		Pass				
				106/54		0.00	0.00	8.54	11.00	2.57		Pass				
HE40	MCS0	2	54	Full	5270	0.00	0.00	5.59	11.00	2.57		Pass				
				242/61		0.00	0.00	7.83	11.00	2.57		Pass				
HE40	MCS0	2	62	Full	5310	0.00	0.00	5.88	11.00	2.57		Pass				
				242/62		0.00	0.00	8.09	11.00	2.57		Pass				
HE80	MCS0	2	58	Full	5290	0.00	0.00	2.92	11.00	2.57		Pass				
				484/65		0.00	0.00	4.73	11.00	2.57		Pass				
				484/66		0.00	0.00	4.70	11.00	2.57		Pass				

TEST RESULTS DATA
Power Spectral Density

FCC Band III																
Mod.	Data Rate	NTX	CH.		Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	Full	5500	0.03	0.03			9.24	11.00		1.51		Pass	
11a	6Mbps	2	116	Full	5580	0.03	0.03			9.34	11.00		1.51		Pass	
11a	6Mbps	2	140	Full	5700	0.03	0.03			9.60	11.00		1.51		Pass	
HT20	MCS0	2	100	Full	5500	0.00	0.00			9.11	11.00		1.51		Pass	
HT20	MCS0	2	116	Full	5580	0.00	0.00			9.19	11.00		1.51		Pass	
HT20	MCS0	2	140	Full	5700	0.00	0.00			9.00	11.00		1.51		Pass	
HT40	MCS0	2	102	Full	5510	0.00	0.00			5.93	11.00		1.51		Pass	
HT40	MCS0	2	110	Full	5550	0.00	0.00			6.25	11.00		1.51		Pass	
HT40	MCS0	2	134	Full	5670	0.00	0.00			6.24	11.00		1.51		Pass	
VHT80	MCS0	2	106	Full	5530	0.00	0.00			3.04	11.00		1.51		Pass	
VHT80	MCS0	2	122	Full	5610	0.00	0.00			2.91	11.00		1.51		Pass	
VHT160	MCS0	2	114	Full	5570	0.00	0.00			-0.91	11.00		1.51		Pass	
HE20	MCS0	2	100	Full	5500	0.00	0.00			8.58	11.00		1.51		Pass	
				26/0		0.00	0.00			8.06	11.00		1.51		Pass	
				52/37		0.00	0.00			8.10	11.00		1.51		Pass	
				106/53		0.00	0.00			8.23	11.00		1.51		Pass	
HE20	MCS0	2	116	Full	5580	0.00	0.00		8.69	11.00		1.51	Pass			
HE20	MCS0	2	140	Full	5700	0.00	0.00		8.93	11.00		1.51	Pass			
				26/8		0.00	0.00		7.89	11.00		1.51	Pass			
				52/40		0.00	0.00		8.00	11.00		1.51	Pass			
				106/54		0.00	0.00		8.13	11.00		1.51	Pass			
HE40	MCS0	2	102	Full	5510	0.00	0.00		5.97	11.00		1.51	Pass			
				242/61		0.00	0.00		7.72	11.00		1.51	Pass			
HE40	MCS0	2	110	Full	5550	0.00	0.00		5.79	11.00		1.51	Pass			
HE40	MCS0	2	134	Full	5670	0.00	0.00		6.15	11.00		1.51	Pass			
				242/62		0.00	0.00		8.33	11.00		1.51	Pass			
HE80	MCS0	2	106	Full	5530	0.00	0.00		2.86	11.00		1.51	Pass			
				484/65		0.00	0.00		4.65	11.00		1.51	Pass			
HE80	MCS0	2	122	Full	5610	0.00	0.00		2.77	11.00		1.51	Pass			
				484/66		0.00	0.00		5.49	11.00		1.51	Pass			
HE160	MCS0	2	114	Full	5570	0.00	0.00		-0.98	11.00		1.51	Pass			
				996/67		0.00	0.00		2.35	11.00		1.51	Pass			

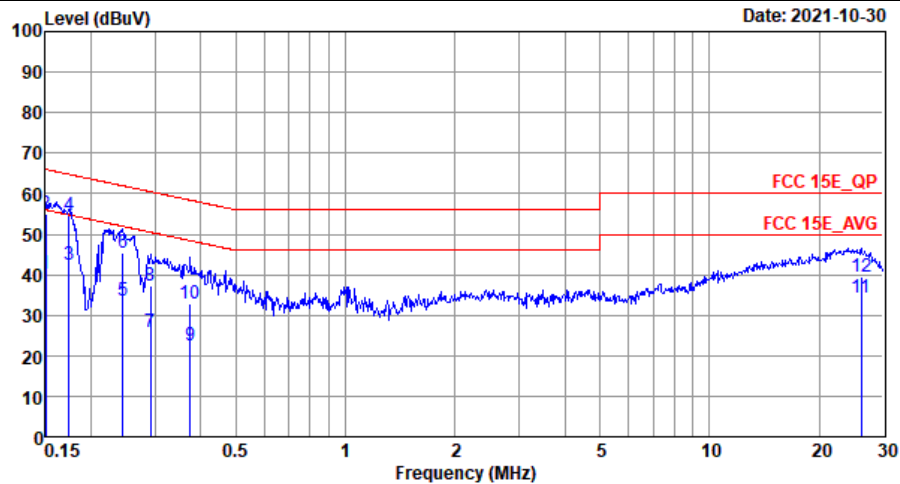


Appendix B. AC Conducted Emission Test Results





Test Engineer :	Xie YuQiang	Temperature :	22~25°C
		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.		



Site : CO01-SZ
Condition: FCC 15E_QP LISN_20210901_N NEUTRAL

	Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1	0.15	40.22	-15.78	56.00	19.90	10.31	10.01	Average
2	0.15	54.82	-11.18	66.00	34.50	10.31	10.01	QP
3	0.17	42.53	-12.24	54.77	22.20	10.31	10.02	Average
4 *	0.17	54.63	-10.14	64.77	34.30	10.31	10.02	QP
5	0.24	33.49	-18.46	51.95	13.21	10.25	10.03	Average
6	0.24	45.49	-16.46	61.95	25.21	10.25	10.03	QP
7	0.29	25.96	-24.54	50.50	5.70	10.22	10.04	Average
8	0.29	37.16	-23.34	60.50	16.90	10.22	10.04	QP
9	0.38	22.62	-25.77	48.39	2.40	10.18	10.04	Average
10	0.38	32.72	-25.67	58.39	12.50	10.18	10.04	QP
11	26.14	34.42	-15.58	50.00	13.60	10.22	10.60	Average
12	26.14	39.52	-20.48	60.00	18.70	10.22	10.60	QP

Note:

1. Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
2. Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission

Test Engineer :	Zhaohui Liang	Temperature :	24~25°C
		Relative Humidity :	48~49%

U-NII-1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5036.4	52.99	-21.01	74	39.58	33.8	12.12	32.51	310	360	P	H
		5150	43.45	-10.55	54	29.83	34	12.15	32.53	310	360	A	H
		5180	108.44	-	-	94.69	34.13	12.16	32.54	310	360	P	H
		5180	100.86	-	-	87.11	34.13	12.16	32.54	310	360	A	H
		5117	52.33	-21.67	74	38.79	33.93	12.14	32.53	100	348	P	V
		5128.7	43.31	-10.69	54	29.72	33.97	12.15	32.53	100	348	A	V
		5180	103.6	-	-	89.85	34.13	12.16	32.54	100	348	P	V
		5180	97.26	-	-	83.51	34.13	12.16	32.54	100	348	A	V
802.11a CH 44 5220MHz		5104	53.38	-20.62	74	39.86	33.9	12.14	32.52	291	350	P	H
		5100.36	43.58	-10.42	54	30.06	33.9	12.14	32.52	291	350	A	H
		5220	109.96	-	-	96.11	34.23	12.17	32.55	291	350	P	H
		5220	102.65	-	-	88.8	34.23	12.17	32.55	291	350	A	H
		5381.76	52.7	-21.3	74	38.66	34.4	12.22	32.58	291	350	P	H
		5376.72	42.86	-11.14	54	28.82	34.4	12.22	32.58	291	350	A	H
		5087.62	53.36	-20.64	74	39.88	33.87	12.13	32.52	100	348	P	V
		5128.44	43.34	-10.66	54	29.75	33.97	12.15	32.53	100	348	A	V
		5220	104.63	-	-	90.78	34.23	12.17	32.55	100	348	P	V
		5220	98.06	-	-	84.21	34.23	12.17	32.55	100	348	A	V
		5368.56	51.52	-22.48	74	37.48	34.4	12.21	32.57	100	348	P	V
		5457.36	42.31	-11.69	54	28.26	34.4	12.24	32.59	100	348	A	V



802.11a CH 48 5240MHz		5084.5	53.36	-20.64	74	39.88	33.87	12.13	32.52	287	360	P	H
		5109.2	43.57	-10.43	54	30.02	33.93	12.14	32.52	287	360	A	H
		5240	108.88	-	-	94.98	34.27	12.18	32.55	287	360	P	H
		5240	101.7	-	-	87.8	34.27	12.18	32.55	287	360	A	H
		5385.36	51.77	-22.23	74	37.73	34.4	12.22	32.58	287	360	P	H
		5418.24	42.8	-11.2	54	28.75	34.4	12.23	32.58	287	360	A	H
		5024.7	53.27	-20.73	74	39.86	33.8	12.12	32.51	100	353	P	V
		5105.82	43.4	-10.6	54	29.85	33.93	12.14	32.52	100	353	A	V
		5240	105.7	-	-	91.8	34.27	12.18	32.55	100	353	P	V
		5240	98.2	-	-	84.3	34.27	12.18	32.55	100	353	A	V
		5416.8	52.22	-21.78	74	38.17	34.4	12.23	32.58	100	353	P	V
		5457.6	42.35	-11.65	54	28.3	34.4	12.24	32.59	100	353	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	47.22	-21.08	68.3	45.57	37.39	15.31	51.05	-	-	P	H
		15540	46.02	-27.98	74	40.84	40.08	17.76	52.66	-	-	P	H
		10360	46.73	-21.57	68.3	45.08	37.39	15.31	51.05	-	-	P	V
		15540	47.21	-26.79	74	42.03	40.08	17.76	52.66	-	-	P	V
802.11a CH 44 5220MHz		10440	47.68	-20.62	68.3	45.98	37.45	15.32	51.07	-	-	P	H
		15660	47.18	-26.82	74	42.04	40.19	17.83	52.88	-	-	P	H
		10440	46.65	-21.65	68.3	44.95	37.45	15.32	51.07	-	-	P	V
		15660	47.89	-26.11	74	42.75	40.19	17.83	52.88	-	-	P	V
802.11a CH 48 5240MHz		10480	46.43	-21.87	68.3	44.71	37.49	15.32	51.09	-	-	P	H
		15720	47.05	-26.95	74	41.93	40.25	17.87	53	-	-	P	H
		10480	47.31	-20.99	68.3	45.59	37.49	15.32	51.09	-	-	P	V
		15720	47.73	-26.27	74	42.61	40.25	17.87	53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5036.14	53.36	-20.64	74	39.95	33.8	12.12	32.51	310	360	P	H
		5150	43.51	-10.49	54	29.89	34	12.15	32.53	310	360	A	H
		5180	110.11	-	-	96.36	34.13	12.16	32.54	310	360	P	H
		5180	102.86	-	-	89.11	34.13	12.16	32.54	310	360	A	H
		5063.18	52.87	-21.13	74	39.43	33.83	12.13	32.52	238	0	P	V
		5127.14	43.44	-10.56	54	29.85	33.97	12.15	32.53	238	0	A	V
		5180	105.58	-	-	91.83	34.13	12.16	32.54	238	0	P	V
		5180	98.46	-	-	84.71	34.13	12.16	32.54	238	0	A	V
802.11n HT20 CH 44 5220MHz		5038.74	52.63	-21.37	74	39.22	33.8	12.12	32.51	266	352	P	H
		5108.42	43.63	-10.37	54	30.08	33.93	12.14	32.52	266	352	A	H
		5220	110.07	-	-	96.22	34.23	12.17	32.55	266	352	P	H
		5220	102.44	-	-	88.59	34.23	12.17	32.55	266	352	A	H
		5426.4	52.76	-21.24	74	38.71	34.4	12.23	32.58	266	352	P	H
		5371.68	43.08	-10.92	54	29.04	34.4	12.21	32.57	266	352	A	H
		5072.28	52.31	-21.69	74	38.83	33.87	12.13	32.52	237	0	P	V
		5102.7	43.51	-10.49	54	29.99	33.9	12.14	32.52	237	0	A	V
		5220	104.07	-	-	90.22	34.23	12.17	32.55	237	0	P	V
		5220	97.06	-	-	83.21	34.23	12.17	32.55	237	0	A	V
		5420.88	51.42	-22.58	74	37.37	34.4	12.23	32.58	237	0	P	V
		5458.56	42.41	-11.59	54	28.36	34.4	12.24	32.59	237	0	A	V



802.11n HT20 CH 48 5240MHz		5054.6	53.01	-20.99	74	39.56	33.83	12.13	32.51	266	352	P	H
		5108.16	43.69	-10.31	54	30.14	33.93	12.14	32.52	266	352	A	H
		5240	109.35	-	-	95.45	34.27	12.18	32.55	266	352	P	H
		5240	102.6	-	-	88.7	34.27	12.18	32.55	266	352	A	H
		5419.68	52.87	-21.13	74	38.82	34.4	12.23	32.58	266	352	P	H
		5401.92	43.14	-10.86	54	29.1	34.4	12.22	32.58	266	352	A	H
		5102.18	53.13	-20.87	74	39.61	33.9	12.14	32.52	235	0	P	V
		5109.98	43.5	-10.5	54	29.95	33.93	12.14	32.52	235	0	A	V
		5240	104.47	-	-	90.57	34.27	12.18	32.55	235	0	P	V
		5240	98.11	-	-	84.21	34.27	12.18	32.55	235	0	A	V
		5362.32	51.39	-22.61	74	37.35	34.4	12.21	32.57	235	0	P	V
		5456.88	42.33	-11.67	54	28.28	34.4	12.24	32.59	235	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	46.97	-21.33	68.3	45.32	37.39	15.31	51.05	-	-	P	H
		15540	46.72	-27.28	74	41.54	40.08	17.76	52.66	-	-	P	H
		10360	46.74	-21.56	68.3	45.09	37.39	15.31	51.05	-	-	P	V
		15540	47.92	-26.08	74	42.74	40.08	17.76	52.66	-	-	P	V
802.11n HT20 CH 44 5220MHz		10440	45.78	-22.52	68.3	44.08	37.45	15.32	51.07	-	-	P	H
		15660	47.7	-26.3	74	42.56	40.19	17.83	52.88	-	-	P	H
		10440	46.28	-22.02	68.3	44.58	37.45	15.32	51.07	-	-	P	V
		15660	47.29	-26.71	74	42.15	40.19	17.83	52.88	-	-	P	V
802.11n HT20 CH 48 5240MHz		10480	47.38	-20.92	68.3	45.66	37.49	15.32	51.09	-	-	P	H
		15720	46.32	-27.68	74	41.2	40.25	17.87	53	-	-	P	H
		10480	47.31	-20.99	68.3	45.59	37.49	15.32	51.09	-	-	P	V
		15720	46.88	-27.12	74	41.76	40.25	17.87	53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5145.08	53.42	-20.58	74	39.8	34	12.15	32.53	242	5	P	H
		5150	45.91	-8.09	54	32.29	34	12.15	32.53	242	5	A	H
		5190	107.03	-	-	93.28	34.13	12.16	32.54	242	5	P	H
		5190	100.91	-	-	87.16	34.13	12.16	32.54	242	5	A	H
		5350.8	52.15	-21.85	74	38.11	34.4	12.21	32.57	242	5	P	H
		5353.88	43.14	-10.86	54	29.1	34.4	12.21	32.57	242	5	A	H
		5142.22	53.04	-20.96	74	39.42	34	12.15	32.53	246	356	P	V
		5147.16	44.46	-9.54	54	30.84	34	12.15	32.53	246	356	A	V
		5190	102.2	-	-	88.45	34.13	12.16	32.54	246	356	P	V
		5190	96.13	-	-	82.38	34.13	12.16	32.54	246	356	A	V
		5383.84	52.15	-21.85	74	38.11	34.4	12.22	32.58	246	356	P	V
		5356.4	42.29	-11.71	54	28.25	34.4	12.21	32.57	246	356	A	V
802.11n HT40 CH 46 5230MHz		5067.34	54.21	-19.79	74	40.77	33.83	12.13	32.52	217	340	P	H
		5098.8	43.52	-10.48	54	30	33.9	12.14	32.52	217	340	A	H
		5230	107.78	-	-	93.89	34.27	12.17	32.55	217	340	P	H
		5230	101.68	-	-	87.79	34.27	12.17	32.55	217	340	A	H
		5434.56	52.12	-21.88	74	38.08	34.4	12.23	32.59	217	340	P	H
		5402.88	42.92	-11.08	54	28.88	34.4	12.22	32.58	217	340	A	H
		5056.94	54.29	-19.71	74	40.84	33.83	12.13	32.51	217	344	P	V
		5101.14	43.41	-10.59	54	29.89	33.9	12.14	32.52	217	344	A	V
		5230	104.63	-	-	90.74	34.27	12.17	32.55	217	344	P	V
		5230	98.54	-	-	84.65	34.27	12.17	32.55	217	344	A	V
		5455.44	51.65	-22.35	74	37.6	34.4	12.24	32.59	217	344	P	V
		5458.08	42.24	-11.76	54	28.19	34.4	12.24	32.59	217	344	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	48.51	-19.79	68.3	46.83	37.41	15.32	51.05	-	-	P	H
		15570	47.25	-26.75	74	42.08	40.11	17.78	52.72	-	-	P	H
		10380	48.47	-19.83	68.3	46.79	37.41	15.32	51.05	-	-	P	V
		15570	47.26	-26.74	74	42.09	40.11	17.78	52.72	-	-	P	V
802.11n HT40 CH 46 5230MHz		10460	48.99	-19.31	68.3	47.29	37.46	15.32	51.08	-	-	P	H
		15690	46.89	-27.11	74	41.76	40.22	17.85	52.94	-	-	P	H
		10460	48.09	-20.21	68.3	46.39	37.46	15.32	51.08	-	-	P	V
		15690	47.24	-26.76	74	42.11	40.22	17.85	52.94	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5148.72	56.41	-17.59	74	42.79	34	12.15	32.53	228	360	P	H
		5150	46.62	-7.38	54	33	34	12.15	32.53	228	360	A	H
		5210	104	-	-	90.14	34.23	12.17	32.54	228	360	P	H
		5210	96.66	-	-	82.8	34.23	12.17	32.54	228	360	A	H
		5376	52.28	-21.72	74	38.24	34.4	12.22	32.58	228	360	P	H
		5352.96	42.89	-11.11	54	28.85	34.4	12.21	32.57	228	360	A	H
		5141.7	55.78	-18.22	74	42.16	34	12.15	32.53	243	360	P	V
		5149.5	45.86	-8.14	54	32.24	34	12.15	32.53	243	360	A	V
		5210	99.77	-	-	85.91	34.23	12.17	32.54	243	360	P	V
		5210	92.29	-	-	78.43	34.23	12.17	32.54	243	360	A	V
		5391.84	51.88	-22.12	74	37.84	34.4	12.22	32.58	243	360	P	V
		5458.8	42.21	-11.79	54	28.16	34.4	12.24	32.59	243	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**U-NII-1 5150~5250MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10420	48.81	-19.49	68.3	47.13	37.43	15.32	51.07	-	-	P	H
VHT80		15630	47.41	-26.59	74	42.27	40.17	17.82	52.85	-	-	P	H
CH 42		10420	49.83	-18.47	68.3	48.15	37.43	15.32	51.07	-	-	P	V
5210MHz		15630	46.63	-27.37	74	41.49	40.17	17.82	52.85	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5026	52.94	-21.06	74	39.53	33.8	12.12	32.51	294	349	P	H
		5106.08	43.73	-10.27	54	30.18	33.93	12.14	32.52	294	349	A	H
		5260	108.59	-	-	94.63	34.33	12.18	32.55	294	349	P	H
		5260	100.99	-	-	87.03	34.33	12.18	32.55	294	349	A	H
		5407.2	52.03	-21.97	74	37.99	34.4	12.22	32.58	294	349	P	H
		5436.24	42.93	-11.07	54	28.89	34.4	12.23	32.59	294	349	A	H
		5111.54	52.86	-21.14	74	39.31	33.93	12.14	32.52	100	353	P	V
		5107.12	43.44	-10.56	54	29.89	33.93	12.14	32.52	100	353	A	V
		5260	105.15	-	-	91.19	34.33	12.18	32.55	100	353	P	V
		5260	98.46	-	-	84.5	34.33	12.18	32.55	100	353	A	V
		5457.12	52.97	-21.03	74	38.92	34.4	12.24	32.59	100	353	P	V
		5456.64	42.34	-11.66	54	28.29	34.4	12.24	32.59	100	353	A	V
802.11a CH 60 5300MHz		5050.75	53.33	-20.67	74	39.92	33.8	12.12	32.51	294	349	P	H
		5129.15	43.86	-10.14	54	30.27	33.97	12.15	32.53	294	349	A	H
		5300	109.07	-	-	95.04	34.4	12.19	32.56	294	349	P	H
		5300	102.13	-	-	88.1	34.4	12.19	32.56	294	349	A	H
		5455.92	51.86	-22.14	74	37.81	34.4	12.24	32.59	294	349	P	H
		5458.56	42.94	-11.06	54	28.89	34.4	12.24	32.59	294	349	A	H
		5135.8	53.09	-20.91	74	39.5	33.97	12.15	32.53	162	220	P	V
		5127.05	43.66	-10.34	54	30.07	33.97	12.15	32.53	162	220	A	V
		5300	104.86	-	-	90.83	34.4	12.19	32.56	162	220	P	V
		5300	97.57	-	-	83.54	34.4	12.19	32.56	162	220	A	V
		5397.6	51.47	-22.53	74	37.43	34.4	12.22	32.58	162	220	P	V
		5459.28	42.52	-11.48	54	28.47	34.4	12.24	32.59	162	220	A	V



802.11a CH 64 5320MHz		5320	109.97	-	-	95.93	34.4	12.2	32.56	185	348	P	H
		5320	102.83	-	-	88.79	34.4	12.2	32.56	185	348	A	H
		5436.64	52.54	-21.46	74	38.5	34.4	12.23	32.59	185	348	P	H
		5459.04	43.38	-10.62	54	29.33	34.4	12.24	32.59	185	348	A	H
		5320	105.52	-	-	91.48	34.4	12.2	32.56	162	220	P	V
		5320	99.5	-	-	85.46	34.4	12.2	32.56	162	220	A	V
		5352.64	53.03	-20.97	74	38.99	34.4	12.21	32.57	162	220	P	V
		5459.84	42.54	-11.46	54	28.49	34.4	12.24	32.59	162	220	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	47.68	-20.62	68.3	45.91	37.51	15.37	51.11	-	-	P	H
		15780	47.59	-26.41	74	42.49	40.3	17.9	53.1	-	-	P	H
		10520	47.82	-20.48	68.3	46.05	37.51	15.37	51.11	-	-	P	V
		15780	47.38	-26.62	74	42.28	40.3	17.9	53.1	-	-	P	V
802.11a CH 60 5300MHz		10600	47.4	-26.6	74	45.45	37.56	15.55	51.16	-	-	P	H
		15900	46.31	-27.69	74	41.24	40.41	17.97	53.31	-	-	P	H
		10600	47.32	-26.68	74	45.37	37.56	15.55	51.16	-	-	P	V
		15900	47.8	-26.2	74	42.73	40.41	17.97	53.31	-	-	P	V
802.11a CH 64 5320MHz		10640	45.92	-28.08	74	43.87	37.58	15.65	51.18	-	-	P	H
		15960	46.65	-27.35	74	41.61	40.47	18.01	53.44	-	-	P	H
		10640	46.4	-27.6	74	44.35	37.58	15.65	51.18	-	-	P	V
		15960	47.65	-26.35	74	42.61	40.47	18.01	53.44	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5128.18	54.04	-19.96	74	40.45	33.97	12.15	32.53	266	352	P	H
		5128.18	43.74	-10.26	54	30.15	33.97	12.15	32.53	266	352	A	H
		5260	109.11	-	-	95.15	34.33	12.18	32.55	266	352	P	H
		5260	101.04	-	-	87.08	34.33	12.18	32.55	266	352	A	H
		5422.56	51.67	-22.33	74	37.62	34.4	12.23	32.58	266	352	P	H
		5423.52	42.95	-11.05	54	28.9	34.4	12.23	32.58	266	352	A	H
		5103.48	52.69	-21.31	74	39.17	33.9	12.14	32.52	235	0	P	V
		5113.36	43.59	-10.41	54	30.04	33.93	12.14	32.52	235	0	A	V
		5260	104.14	-	-	90.18	34.33	12.18	32.55	235	0	P	V
		5260	98.17	-	-	84.21	34.33	12.18	32.55	235	0	A	V
		5432.64	52.05	-21.95	74	38.01	34.4	12.23	32.59	235	0	P	V
		5459.28	42.39	-11.61	54	28.34	34.4	12.24	32.59	235	0	A	V
802.11n HT20 CH 60 5300MHz		5129.85	53.9	-20.1	74	40.31	33.97	12.15	32.53	266	352	P	H
		5128.45	43.92	-10.08	54	30.33	33.97	12.15	32.53	266	352	A	H
		5300	109.94	-	-	95.91	34.4	12.19	32.56	266	352	P	H
		5300	102.93	-	-	88.9	34.4	12.19	32.56	266	352	A	H
		5381.28	51.78	-22.22	74	37.74	34.4	12.22	32.58	266	352	P	H
		5460	43.08	-10.92	54	29.03	34.4	12.24	32.59	266	352	A	H
		5102.55	53.38	-20.62	74	39.86	33.9	12.14	32.52	220	333	P	V
		5124.6	43.63	-10.37	54	30.05	33.97	12.14	32.53	220	333	A	V
		5300	105.79	-	-	91.76	34.4	12.19	32.56	220	333	P	V
		5300	99.13	-	-	85.1	34.4	12.19	32.56	220	333	A	V
		5377.92	52.14	-21.86	74	38.1	34.4	12.22	32.58	220	333	P	V
		5458.32	42.42	-11.58	54	28.37	34.4	12.24	32.59	220	333	A	V



802.11n HT20 CH 64 5320MHz		5320	111	-	-	96.96	34.4	12.2	32.56	266	352	P	H
		5320	103.84	-	-	89.8	34.4	12.2	32.56	266	352	A	H
		5404.48	51.74	-22.26	74	37.7	34.4	12.22	32.58	266	352	P	H
		5350.4	43.01	-10.99	54	28.97	34.4	12.21	32.57	266	352	A	H
		5320	106.06	-	-	92.02	34.4	12.2	32.56	220	333	P	V
		5320	99.56	-	-	85.52	34.4	12.2	32.56	220	333	A	V
		5384.32	51.49	-22.51	74	37.45	34.4	12.22	32.58	220	333	P	V
		5457.92	42.4	-11.6	54	28.35	34.4	12.24	32.59	220	333	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	48.16	-20.14	68.3	46.39	37.51	15.37	51.11	-	-	P	H
		15780	47.87	-26.13	74	42.77	40.3	17.9	53.1	-	-	P	H
		10520	49.54	-18.76	68.3	47.77	37.51	15.37	51.11	-	-	P	V
		15780	47.72	-26.28	74	42.62	40.3	17.9	53.1	-	-	P	V
802.11n HT20 CH 60 5300MHz		10600	46.86	-27.14	74	44.91	37.56	15.55	51.16	-	-	P	H
		15900	47.41	-26.59	74	42.34	40.41	17.97	53.31	-	-	P	H
		10600	46.13	-27.87	74	44.18	37.56	15.55	51.16	-	-	P	V
		15900	47.12	-26.88	74	42.05	40.41	17.97	53.31	-	-	P	V
802.11n HT20 CH 64 5320MHz		10640	47.54	-26.46	74	45.49	37.58	15.65	51.18	-	-	P	H
		15960	47.19	-26.81	74	42.15	40.47	18.01	53.44	-	-	P	H
		10640	46.38	-27.62	74	44.33	37.58	15.65	51.18	-	-	P	V
		15960	47.08	-26.92	74	42.04	40.47	18.01	53.44	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5147.7	53.85	-20.15	74	40.23	34	12.15	32.53	210	344	P	H
		5109.9	43.68	-10.32	54	30.13	33.93	12.14	32.52	210	344	A	H
		5270	108.55	-	-	94.58	34.33	12.19	32.55	210	344	P	H
		5270	102.43	-	-	88.46	34.33	12.19	32.55	210	344	A	H
		5375.04	52.13	-21.87	74	38.09	34.4	12.22	32.58	210	344	P	H
		5402.64	42.9	-11.1	54	28.86	34.4	12.22	32.58	210	344	A	H
		5130.9	52.38	-21.62	74	38.79	33.97	12.15	32.53	209	348	P	V
		5121.1	43.46	-10.54	54	29.92	33.93	12.14	32.53	209	348	A	V
		5270	102.48	-	-	88.51	34.33	12.19	32.55	209	348	P	V
		5270	96.44	-	-	82.47	34.33	12.19	32.55	209	348	A	V
		5350.8	51.86	-22.14	74	37.82	34.4	12.21	32.57	209	348	P	V
		5459.28	42.36	-11.64	54	28.31	34.4	12.24	32.59	209	348	A	V
802.11n HT40 CH 62 5310MHz		5084	52.79	-21.21	74	39.31	33.87	12.13	32.52	228	357	P	H
		5141.05	43.69	-10.31	54	30.07	34	12.15	32.53	228	357	A	H
		5310	106.07	-	-	92.03	34.4	12.2	32.56	228	357	P	H
		5310	99.49	-	-	85.45	34.4	12.2	32.56	228	357	A	H
		5355.6	52.55	-21.45	74	38.51	34.4	12.21	32.57	228	357	P	H
		5350.08	45.87	-8.13	54	31.83	34.4	12.21	32.57	228	357	A	H
		5123.2	52.35	-21.65	74	38.77	33.97	12.14	32.53	215	347	P	V
		5125.3	43.45	-10.55	54	29.86	33.97	12.15	32.53	215	347	A	V
		5310	103.44	-	-	89.4	34.4	12.2	32.56	215	347	P	V
		5310	96.46	-	-	82.42	34.4	12.2	32.56	215	347	A	V
		5353.92	53.52	-20.48	74	39.48	34.4	12.21	32.57	215	347	P	V
		5351.04	44.32	-9.68	54	30.28	34.4	12.21	32.57	215	347	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10540	47.8	-20.5	68.3	45.99	37.52	15.41	51.12	-	-	P	H
HT40		15810	47.95	-26.05	74	42.86	40.33	17.92	53.16	-	-	P	H
CH 54		10540	48.98	-19.32	68.3	47.17	37.52	15.41	51.12	-	-	P	V
5270MHz		15810	46.68	-27.32	74	41.59	40.33	17.92	53.16	-	-	P	V
802.11n		10620	47.5	-26.5	74	45.5	37.57	15.6	51.17	-	-	P	H
HT40		15930	47.88	-26.12	74	42.83	40.44	17.99	53.38	-	-	P	H
CH 62		10620	46.94	-27.06	74	44.94	37.57	15.6	51.17	-	-	P	V
5310MHz		15930	47.34	-26.66	74	42.29	40.44	17.99	53.38	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5073.5	52.51	-21.49	74	39.03	33.87	12.13	32.52	224	356	P	H
		5122.5	43.69	-10.31	54	30.15	33.93	12.14	32.53	224	356	A	H
		5290	103.18	-	-	89.18	34.37	12.19	32.56	224	356	P	H
		5290	96.07	-	-	82.07	34.37	12.19	32.56	224	356	A	H
		5360.4	55.45	-18.55	74	41.41	34.4	12.21	32.57	224	356	P	H
		5355.6	46.98	-7.02	54	32.94	34.4	12.21	32.57	224	356	A	H
		5116.2	53.94	-20.06	74	40.4	33.93	12.14	32.53	175	341	P	V
		5122.15	43.33	-10.67	54	29.79	33.93	12.14	32.53	175	341	A	V
		5290	101.08	-	-	87.08	34.37	12.19	32.56	175	341	P	V
		5290	94.68	-	-	80.68	34.37	12.19	32.56	175	341	A	V
		5352.24	54.12	-19.88	74	40.08	34.4	12.21	32.57	175	341	P	V
		5352.72	45.08	-8.92	54	31.04	34.4	12.21	32.57	175	341	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**U-NII-2A 5250~5350MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10580	49.07	-19.23	68.3	47.16	37.55	15.51	51.15	-	-	P	H
VHT80		15870	47.61	-26.39	74	42.55	40.39	17.95	53.28	-	-	P	H
CH 58		10580	50.02	-18.28	68.3	48.11	37.55	15.51	51.15	-	-	P	V
5290MHz		15870	47.56	-26.44	74	42.5	40.39	17.95	53.28	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz
WIFI 802.11ac VHT160 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT160 CH 50 5250MHz		5109.46	55.72	-18.28	74	42.17	33.93	12.14	32.52	238	353	P	H
		5140.4	45.58	-8.42	54	31.96	34	12.15	32.53	238	353	A	H
		5250	99	-	-	85.07	34.3	12.18	32.55	238	353	P	H
		5250	92.07	-	-	78.14	34.3	12.18	32.55	238	353	A	H
		5396.16	58.25	-15.75	74	44.21	34.4	12.22	32.58	238	353	P	H
		5398.8	47.37	-6.63	54	33.33	34.4	12.22	32.58	238	353	A	H
		5106.86	53.72	-20.28	74	40.17	33.93	12.14	32.52	225	345	P	V
		5126.1	44.7	-9.3	54	31.11	33.97	12.15	32.53	225	345	A	V
		5250	94.78	-	-	80.85	34.3	12.18	32.55	225	345	P	V
		5250	87.1	-	-	73.17	34.3	12.18	32.55	225	345	A	V
		5363.28	53.42	-20.58	74	39.38	34.4	12.21	32.57	225	345	P	V
		5351.76	44.27	-9.73	54	30.23	34.4	12.21	32.57	225	345	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**U-NII-2A 5250~5350MHz****WIFI 802.11ac VHT160 (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10500	46.87	-21.43	68.3	45.15	37.5	15.32	51.1	-	-	P	H
VHT160		15750	47.54	-26.46	74	42.44	40.28	17.89	53.07	-	-	P	H
CH 50		10500	48.73	-19.57	68.3	47.01	37.5	15.32	51.1	-	-	P	V
5250MHz		15750	47.74	-26.26	74	42.64	40.28	17.89	53.07	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5399.76	53.83	-20.17	74	39.79	34.4	12.22	32.58	290	360	P	H
		5460.4	50.86	-17.44	68.3	36.81	34.4	12.24	32.59	290	360	P	H
		5352.4	42.95	-11.05	54	28.91	34.4	12.21	32.57	290	360	A	H
		5500	110.05	-	-	96	34.4	12.25	32.6	290	360	P	H
		5500	101.93	-	-	87.88	34.4	12.25	32.6	290	360	A	H
		5395.12	51.43	-22.57	74	37.39	34.4	12.22	32.58	100	242	P	V
		5466.32	50.2	-18.1	68.3	36.15	34.4	12.24	32.59	100	242	P	V
		5457.68	42.44	-11.56	54	28.39	34.4	12.24	32.59	100	242	A	V
		5500	102.46	-	-	88.41	34.4	12.25	32.6	100	242	P	V
		5500	95.93	-	-	81.88	34.4	12.25	32.6	100	242	A	V
802.11a CH 116 5580MHz		5385.28	52.43	-21.57	74	38.39	34.4	12.22	32.58	291	360	P	H
		5466.88	51.79	-16.51	68.3	37.74	34.4	12.24	32.59	291	360	P	H
		5427.28	42.9	-11.1	54	28.86	34.4	12.23	32.59	291	360	A	H
		5580	109.92	-	-	95.95	34.3	12.27	32.6	291	360	P	H
		5580	101.55	-	-	87.58	34.3	12.27	32.6	291	360	A	H
		5759.645	52.84	-15.46	68.3	38.57	34.57	12.3	32.6	291	360	P	H
		5442.4	52.63	-21.37	74	38.59	34.4	12.23	32.59	100	187	P	V
		5467.84	51.11	-17.19	68.3	37.06	34.4	12.24	32.59	100	187	P	V
		5459.68	42.43	-11.57	54	28.38	34.4	12.24	32.59	100	187	A	V
		5580	101.95	-	-	87.98	34.3	12.27	32.6	100	187	P	V
		5580	94.67	-	-	80.7	34.3	12.27	32.6	100	187	A	V
		5761.22	51.67	-16.63	68.3	37.4	34.57	12.3	32.6	100	187	P	V



802.11a CH 140 5700MHz		5700	108.42	-	-	94.33	34.4	12.29	32.6	276	360	P	H
		5700	101.1	-	-	87.01	34.4	12.29	32.6	276	360	A	H
		5727.24	52.87	-15.43	68.3	38.7	34.47	12.3	32.6	276	360	P	H
		5700	101.05	-	-	86.96	34.4	12.29	32.6	100	159	P	V
		5700	94.79	-	-	80.7	34.4	12.29	32.6	100	159	A	V
		5761.4	54.61	-13.69	68.3	40.34	34.57	12.3	32.6	100	159	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	46.75	-27.25	74	43.86	37.8	16.49	51.4	-	-	P	H
		16500	47.85	-20.45	68.3	41.04	41.31	18.2	52.7	-	-	P	H
		11000	47.61	-26.39	74	44.72	37.8	16.49	51.4	-	-	P	V
		16500	46.79	-21.51	68.3	39.98	41.31	18.2	52.7	-	-	P	V
802.11a CH 116 5580MHz		11160	45.87	-28.13	74	42.7	37.94	16.5	51.27	-	-	P	H
		16740	46.63	-21.67	68.3	39.79	41.69	18.28	53.13	-	-	P	H
		11160	46.25	-27.75	74	43.08	37.94	16.5	51.27	-	-	P	V
		16740	46.92	-21.38	68.3	40.08	41.69	18.28	53.13	-	-	P	V
802.11a CH 140 5700MHz		11400	47.53	-26.47	74	43.96	38.13	16.52	51.08	-	-	P	H
		17100	46.41	-21.89	68.3	39.52	42	18.41	53.52	-	-	P	H
		11400	47.69	-26.31	74	44.12	38.13	16.52	51.08	-	-	P	V
		17100	47.97	-20.33	68.3	41.08	42	18.41	53.52	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5425.52	51.97	-22.03	74	37.92	34.4	12.23	32.58	206	355	P	H
		5469.68	51.99	-16.31	68.3	37.94	34.4	12.24	32.59	206	355	P	H
		5352.08	43.38	-10.62	54	29.34	34.4	12.21	32.57	206	355	A	H
		5500	111.54	-	-	97.49	34.4	12.25	32.6	206	355	P	H
		5500	105.31	-	-	91.26	34.4	12.25	32.6	206	355	A	H
		5366.48	51.63	-22.37	74	37.59	34.4	12.21	32.57	226	168	P	V
		5463.12	52.9	-15.4	68.3	38.85	34.4	12.24	32.59	226	168	P	V
		5459.76	42.5	-11.5	54	28.45	34.4	12.24	32.59	226	168	A	V
		5500	104.59	-	-	90.54	34.4	12.25	32.6	226	168	P	V
		5500	98.42	-	-	84.37	34.4	12.25	32.6	226	168	A	V
802.11n HT20 CH 116 5580MHz		5401.36	53.28	-20.72	74	39.24	34.4	12.22	32.58	202	359	P	H
		5461.36	51.16	-17.14	68.3	37.11	34.4	12.24	32.59	202	359	P	H
		5434.72	43.08	-10.92	54	29.04	34.4	12.23	32.59	202	359	A	H
		5580	109.68	-	-	95.71	34.3	12.27	32.6	202	359	P	H
		5580	103.61	-	-	89.64	34.3	12.27	32.6	202	359	A	H
		5759.645	51.64	-16.66	68.3	37.37	34.57	12.3	32.6	202	359	P	H
		5425.36	52.32	-21.68	74	38.27	34.4	12.23	32.58	202	12	P	V
		5463.52	50.42	-17.88	68.3	36.37	34.4	12.24	32.59	202	12	P	V
		5457.52	42.33	-11.67	54	28.28	34.4	12.24	32.59	202	12	A	V
		5580	103.22	-	-	89.25	34.3	12.27	32.6	202	12	P	V
		5580	97.13	-	-	83.16	34.3	12.27	32.6	202	12	A	V
		5729.09	53.18	-15.12	68.3	39.01	34.47	12.3	32.6	202	12	P	V



802.11n HT20 CH 140 5700MHz		5700	108.05	-	-	93.96	34.4	12.29	32.6	244	43	P	H
		5700	101.98	-	-	87.89	34.4	12.29	32.6	244	43	A	H
		5764.76	53.07	-15.23	68.3	38.8	34.57	12.3	32.6	244	43	P	H
		5700	102.56	-	-	88.47	34.4	12.29	32.6	178	4	P	V
		5700	96.46	-	-	82.37	34.4	12.29	32.6	178	4	A	V
		5732.6	51.74	-16.56	68.3	37.57	34.47	12.3	32.6	178	4	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11000	47.6	-26.4	74	44.71	37.8	16.49	51.4	-	-	P	H
HT20		16500	48.76	-19.54	68.3	41.95	41.31	18.2	52.7	-	-	P	H
CH 100		11000	46.66	-27.34	74	43.77	37.8	16.49	51.4	-	-	P	V
5500MHz		16500	48.69	-19.61	68.3	41.88	41.31	18.2	52.7	-	-	P	V
802.11n		11160	46.16	-27.84	74	42.99	37.94	16.5	51.27	-	-	P	H
HT20		16740	47.69	-20.61	68.3	40.85	41.69	18.28	53.13	-	-	P	H
CH 116		11160	47.16	-26.84	74	43.99	37.94	16.5	51.27	-	-	P	V
5580MHz		16740	48.6	-19.7	68.3	41.76	41.69	18.28	53.13	-	-	P	V
802.11n		11400	46.64	-27.36	74	43.07	38.13	16.52	51.08	-	-	P	H
HT20		17100	49.61	-18.69	68.3	42.72	42	18.41	53.52	-	-	P	H
CH 140		11400	47.56	-26.44	74	43.99	38.13	16.52	51.08	-	-	P	V
5700MHz		17100	49.66	-18.64	68.3	42.77	42	18.41	53.52	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5434.72	52.36	-21.64	74	38.32	34.4	12.23	32.59	211	359	P	H
		5470	53.74	-14.56	68.3	39.69	34.4	12.24	32.59	211	359	P	H
		5459.92	43.43	-10.57	54	29.38	34.4	12.24	32.59	211	359	A	H
		5510	107.51	-	-	93.46	34.4	12.25	32.6	211	359	P	H
		5510	100.78	-	-	86.73	34.4	12.25	32.6	211	359	A	H
		5728.145	52.64	-15.66	68.3	38.47	34.47	12.3	32.6	211	359	P	H
		5446.96	51.28	-22.72	74	37.23	34.4	12.24	32.59	187	358	P	V
		5464.24	52.59	-15.71	68.3	38.54	34.4	12.24	32.59	187	358	P	V
		5459.92	42.49	-11.51	54	28.44	34.4	12.24	32.59	187	358	A	V
		5510	101.28	-	-	87.23	34.4	12.25	32.6	187	358	P	V
		5510	95.07	-	-	81.02	34.4	12.25	32.6	187	358	A	V
		5740.745	51.78	-16.52	68.3	37.58	34.5	12.3	32.6	187	358	P	V
802.11n HT40 CH 110 5550MHz		5439.52	53.5	-20.5	74	39.46	34.4	12.23	32.59	200	360	P	H
		5465.92	50.3	-18	68.3	36.25	34.4	12.24	32.59	200	360	P	H
		5382.64	42.77	-11.23	54	28.73	34.4	12.22	32.58	200	360	A	H
		5550	107.04	-	-	93.08	34.3	12.26	32.6	200	360	P	H
		5550	100.6	-	-	86.64	34.3	12.26	32.6	200	360	A	H
		5731.295	52.6	-15.7	68.3	38.43	34.47	12.3	32.6	200	360	P	H
		5368.96	52.43	-21.57	74	38.39	34.4	12.21	32.57	185	360	P	V
		5466.4	50.48	-17.82	68.3	36.43	34.4	12.24	32.59	185	360	P	V
		5458.72	42.28	-11.72	54	28.23	34.4	12.24	32.59	185	360	A	V
		5550	102.15	-	-	88.19	34.3	12.26	32.6	185	360	P	V
		5550	95.31	-	-	81.35	34.3	12.26	32.6	185	360	A	V
		5756.18	52.42	-15.88	68.3	38.15	34.57	12.3	32.6	185	360	P	V



802.11n HT40 CH 134 5670MHz		5358.4	51.68	-22.32	74	37.64	34.4	12.21	32.57	207	360	P	H
		5463.05	51.24	-17.06	68.3	37.19	34.4	12.24	32.59	207	360	P	H
		5459.9	42.58	-11.42	54	28.53	34.4	12.24	32.59	207	360	A	H
		5670	106.08	-	-	92	34.4	12.28	32.6	207	360	P	H
		5670	98.54	-	-	84.46	34.4	12.28	32.6	207	360	A	H
		5756.95	51.69	-16.61	68.3	37.42	34.57	12.3	32.6	207	360	P	H
		5375.55	51.41	-22.59	74	37.37	34.4	12.22	32.58	176	360	P	V
		5466.2	50.54	-17.76	68.3	36.49	34.4	12.24	32.59	176	360	P	V
		5459.9	42.3	-11.7	54	28.25	34.4	12.24	32.59	176	360	A	V
		5670	100.88	-	-	86.8	34.4	12.28	32.6	176	360	P	V
		5670	94.17	-	-	80.09	34.4	12.28	32.6	176	360	A	V
		5739.625	52.19	-16.11	68.3	37.99	34.5	12.3	32.6	176	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11020	47.38	-26.62	74	44.47	37.81	16.49	51.39	-	-	P	H
HT40		16530	48.13	-20.17	68.3	41.31	41.37	18.21	52.76	-	-	P	H
CH 102		11020	47.8	-26.2	74	44.89	37.81	16.49	51.39	-	-	P	V
5510MHz		16530	49.3	-19	68.3	42.48	41.37	18.21	52.76	-	-	P	V
802.11n		11100	46.48	-27.52	74	43.42	37.88	16.5	51.32	-	-	P	H
HT40		16650	49.35	-18.95	68.3	42.52	41.56	18.25	52.98	-	-	P	H
CH 110		11100	47.54	-26.46	74	44.48	37.88	16.5	51.32	-	-	P	V
5550MHz		16650	48.46	-19.84	68.3	41.63	41.56	18.25	52.98	-	-	P	V
802.11n		11340	46.31	-27.69	74	42.85	38.07	16.52	51.13	-	-	P	H
HT40		17010	49.26	-19.04	68.3	42.4	42.08	18.37	53.59	-	-	P	H
CH 134		11340	47.57	-26.43	74	44.11	38.07	16.52	51.13	-	-	P	V
5670MHz		17010	49.18	-19.12	68.3	42.32	42.08	18.37	53.59	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5458.48	54.91	-19.09	74	40.86	34.4	12.24	32.59	184	359	P	H
		5461.84	55.44	-12.86	68.3	41.39	34.4	12.24	32.59	184	359	P	H
		5459.44	46.09	-7.91	54	32.04	34.4	12.24	32.59	184	359	A	H
		5530	104.29	-	-	90.26	34.37	12.26	32.6	184	359	P	H
		5530	97.33	-	-	83.3	34.37	12.26	32.6	184	359	A	H
		5746.415	51.08	-17.22	68.3	36.88	34.5	12.3	32.6	184	359	P	H
		5450.8	51.12	-22.88	74	37.07	34.4	12.24	32.59	185	360	P	V
		5466.64	52.19	-16.11	68.3	38.14	34.4	12.24	32.59	185	360	P	V
		5459.92	43.48	-10.52	54	29.43	34.4	12.24	32.59	185	360	A	V
		5530	97.4	-	-	83.37	34.37	12.26	32.6	185	360	P	V
		5530	90.51	-	-	76.48	34.37	12.26	32.6	185	360	A	V
		5729.09	52.6	-15.7	68.3	38.43	34.47	12.3	32.6	185	360	P	V
802.11ac VHT80 CH 122 5610MHz		5372.8	52.62	-21.38	74	38.58	34.4	12.21	32.57	184	360	P	H
		5461.6	50.83	-17.47	68.3	36.78	34.4	12.24	32.59	184	360	P	H
		5459.92	43.14	-10.86	54	29.09	34.4	12.24	32.59	184	360	A	H
		5610	103.21	-	-	89.24	34.3	12.27	32.6	184	360	P	H
		5610	96.5	-	-	82.53	34.3	12.27	32.6	184	360	A	H
		5751.175	51.36	-16.94	68.3	37.16	34.5	12.3	32.6	184	360	P	H
		5363.2	52.33	-21.67	74	38.29	34.4	12.21	32.57	164	360	P	V
		5466.88	49.98	-18.32	68.3	35.93	34.4	12.24	32.59	164	360	P	V
		5458.48	42.33	-11.67	54	28.28	34.4	12.24	32.59	164	360	A	V
		5610	95.97	-	-	82	34.3	12.27	32.6	164	360	P	V
		5610	88.8	-	-	74.83	34.3	12.27	32.6	164	360	A	V
		5725.8	51.21	-17.09	68.3	37.04	34.47	12.3	32.6	164	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11060	47.89	-26.11	74	44.9	37.85	16.49	51.35	-	-	P	H
VHT80		16590	48.78	-19.52	68.3	41.96	41.45	18.23	52.86	-	-	P	H
CH 106		11060	47.85	-26.15	74	44.86	37.85	16.49	51.35	-	-	P	V
5530MHz		16590	50.08	-18.22	68.3	43.26	41.45	18.23	52.86	-	-	P	V
802.11ac		11220	47.31	-26.69	74	44.05	37.98	16.51	51.23	-	-	P	H
VHT80		16830	48.42	-19.88	68.3	41.57	41.83	18.31	53.29	-	-	P	H
CH 122		11220	46.57	-27.43	74	43.31	37.98	16.51	51.23	-	-	P	V
5610MHz		16830	49.14	-19.16	68.3	42.29	41.83	18.31	53.29	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz

WIFI 802.11ac VHT160 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT160 CH 114 5570MHz		5458.24	55.41	-18.59	74	41.36	34.4	12.24	32.59	190	360	P	H
		5469.76	53.48	-14.82	68.3	39.43	34.4	12.24	32.59	190	360	P	H
		5434.24	47.69	-6.31	54	33.65	34.4	12.23	32.59	190	360	A	H
		5570	98.76	-	-	84.8	34.3	12.26	32.6	190	360	P	H
		5570	91.78	-	-	77.82	34.3	12.26	32.6	190	360	A	H
		5745.155	52.84	-15.46	68.3	38.64	34.5	12.3	32.6	190	360	P	H
		5422	51.81	-22.19	74	37.76	34.4	12.23	32.58	201	178	P	V
		5460.4	51.96	-16.34	68.3	37.91	34.4	12.24	32.59	201	178	P	V
		5455.84	45.98	-8.02	54	31.93	34.4	12.24	32.59	201	178	A	V
		5570	92.3	-	-	78.34	34.3	12.26	32.6	201	178	P	V
		5570	85.45	-	-	71.49	34.3	12.26	32.6	201	178	A	V
		5753.66	52.35	-15.95	68.3	38.08	34.57	12.3	32.6	201	178	P	V



U-NII-2C 5470~5725MHz
WIFI 802.11ac VHT160 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11140	47.97	-26.03	74	44.85	37.91	16.5	51.29	-	-	P	H
VHT160		16710	47.28	-21.02	68.3	40.44	41.64	18.27	53.07	-	-	P	H
CH 114		11140	47.51	-26.49	74	44.39	37.91	16.5	51.29	-	-	P	V
5570MHz		16710	47.46	-20.84	68.3	40.62	41.64	18.27	53.07	-	-	P	V



U-NII-2C 5470~5725MHz

Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preampl Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		30.97	23.89	-16.11	40	31.05	24.7	0.54	32.4	100	117	P	H
		95.96	19.81	-23.69	43.5	35.32	15.6	0.99	32.1	-	-	P	H
		158.04	26.46	-17.04	43.5	40.66	16.7	1.28	32.18	-	-	P	H
		315.18	23.61	-22.39	46	33.95	19.5	1.86	31.7	-	-	P	H
		565.44	28.17	-17.83	46	30.02	26.5	2.49	30.84	-	-	P	H
		967.02	33.52	-20.48	54	30.31	31.3	3.26	31.35	-	-	P	H
		33.88	25.55	-14.45	40	34.29	23.1	0.56	32.4	-	-	P	V
		72.68	21.53	-18.47	40	40.33	12.7	0.85	32.35	-	-	P	V
		170.65	32.96	-10.54	43.5	48.09	15.7	1.33	32.16	100	247	P	V
		316.15	27.07	-18.93	46	37.41	19.5	1.86	31.7	-	-	P	V
		557.68	28.92	-17.08	46	30.92	26.38	2.48	30.86	-	-	P	V
		972.84	33.57	-20.43	54	30.35	31.24	3.27	31.29	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



U-NII-1 - 5150~5250MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Full CH 36 5180MHz		5014.04	53.22	-20.78	74	39.82	33.8	12.11	32.51	228	355	P	H
		5150	43.72	-10.28	54	30.1	34	12.15	32.53	228	355	A	H
		5180	110.33	-	-	96.58	34.13	12.16	32.54	228	355	P	H
		5180	103.69	-	-	89.94	34.13	12.16	32.54	228	355	A	H
		5107.9	52.19	-21.81	74	38.64	33.93	12.14	32.52	235	223	P	V
		5149.76	43.31	-10.69	54	29.69	34	12.15	32.53	235	223	A	V
		5180	105.38	-	-	91.63	34.13	12.16	32.54	235	223	P	V
		5180	99.35	-	-	85.6	34.13	12.16	32.54	235	223	A	V
802.11ax HE20 Full CH 44 5220MHz		5060.58	52.77	-21.23	74	39.32	33.83	12.13	32.51	226	356	P	H
		5104.26	43.61	-10.39	54	30.09	33.9	12.14	32.52	226	356	A	H
		5220	111.18	-	-	97.33	34.23	12.17	32.55	226	356	P	H
		5220	103.92	-	-	90.07	34.23	12.17	32.55	226	356	A	H
		5361.6	54.04	-19.96	74	40	34.4	12.21	32.57	226	356	P	H
		5375.04	43.04	-10.96	54	29	34.4	12.22	32.58	226	356	A	H
		5145.6	52.79	-21.21	74	39.17	34	12.15	32.53	234	360	P	V
		5105.04	43.51	-10.49	54	29.99	33.9	12.14	32.52	234	360	A	V
		5220	107.19	-	-	93.34	34.23	12.17	32.55	234	360	P	V
		5220	100.31	-	-	86.46	34.23	12.17	32.55	234	360	A	V
		5412.72	51.7	-22.3	74	37.65	34.4	12.23	32.58	234	360	P	V
		5459.04	42.33	-11.67	54	28.28	34.4	12.24	32.59	234	360	A	V



802.11ax HE20 Full CH 48 5240MHz		5050.44	52.55	-21.45	74	39.14	33.8	12.12	32.51	200	342	P	H
		5099.32	43.62	-10.38	54	30.1	33.9	12.14	32.52	200	342	A	H
		5240	109.63	-	-	95.73	34.27	12.18	32.55	200	342	P	H
		5240	102.24	-	-	88.34	34.27	12.18	32.55	200	342	A	H
		5355.12	51.93	-22.07	74	37.89	34.4	12.21	32.57	200	342	P	H
		5399.76	42.77	-11.23	54	28.73	34.4	12.22	32.58	200	342	A	H
		5004.16	53.14	-20.86	74	39.73	33.8	12.11	32.5	201	360	P	V
		5099.58	43.44	-10.56	54	29.92	33.9	12.14	32.52	201	360	A	V
		5240	107	-	-	93.1	34.27	12.18	32.55	201	360	P	V
		5240	100.04	-	-	86.14	34.27	12.18	32.55	201	360	A	V
		5374.08	52.46	-21.54	74	38.42	34.4	12.21	32.57	201	360	P	V
		5435.76	42.44	-11.56	54	28.4	34.4	12.23	32.59	201	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10360	48.15	-20.15	68.3	46.5	37.39	15.31	51.05	-	-	P	H
HE20 Full		15540	47.09	-26.91	74	41.91	40.08	17.76	52.66	-	-	P	H
CH 36		10360	49.32	-18.98	68.3	47.67	37.39	15.31	51.05	-	-	P	V
5180MHz		15540	47.59	-26.41	74	42.41	40.08	17.76	52.66	-	-	P	V
802.11ax		10440	49.01	-19.29	68.3	47.31	37.45	15.32	51.07	-	-	P	H
HE20 Full		15660	46.41	-27.59	74	41.27	40.19	17.83	52.88	-	-	P	H
CH 44		10440	48.12	-20.18	68.3	46.42	37.45	15.32	51.07	-	-	P	V
5220MHz		15660	47.35	-26.65	74	42.21	40.19	17.83	52.88	-	-	P	V
802.11ax		10480	49.31	-18.99	68.3	47.59	37.49	15.32	51.09	-	-	P	H
HE20 Full		15720	47.62	-26.38	74	42.5	40.25	17.87	53	-	-	P	H
CH 48		10480	48.09	-20.21	68.3	46.37	37.49	15.32	51.09	-	-	P	V
5240MHz		15720	47.83	-26.17	74	42.71	40.25	17.87	53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		5023.66	54.57	-19.43	74	41.16	33.8	12.12	32.51	217	342	P	H
		5144.3	45.06	-8.94	54	31.44	34	12.15	32.53	217	342	A	H
		5190	107.1	-	-	93.35	34.13	12.16	32.54	217	342	P	H
		5190	100.13	-	-	86.38	34.13	12.16	32.54	217	342	A	H
		5418	51.83	-22.17	74	37.78	34.4	12.23	32.58	217	342	P	H
		5354.72	42.87	-11.13	54	28.83	34.4	12.21	32.57	217	342	A	H
		5062.14	53.35	-20.65	74	39.9	33.83	12.13	32.51	216	344	P	V
		5150	45.09	-8.91	54	31.47	34	12.15	32.53	216	344	A	V
		5190	103.04	-	-	89.29	34.13	12.16	32.54	216	344	P	V
		5190	96.39	-	-	82.64	34.13	12.16	32.54	216	344	A	V
		5375.16	51.55	-22.45	74	37.51	34.4	12.22	32.58	216	344	P	V
		5353.88	42.31	-11.69	54	28.27	34.4	12.21	32.57	216	344	A	V
802.11ax HE40 Full CH 46 5230MHz		5130.78	53.17	-20.83	74	39.58	33.97	12.15	32.53	229	355	P	H
		5102.44	43.85	-10.15	54	30.33	33.9	12.14	32.52	229	355	A	H
		5230	109.77	-	-	95.88	34.27	12.17	32.55	229	355	P	H
		5230	102.64	-	-	88.75	34.27	12.17	32.55	229	355	A	H
		5443.92	52.41	-21.59	74	38.37	34.4	12.23	32.59	229	355	P	H
		5388.96	43.16	-10.84	54	29.12	34.4	12.22	32.58	229	355	A	H
		5043.16	53.11	-20.89	74	39.7	33.8	12.12	32.51	229	343	P	V
		5103.22	43.74	-10.26	54	30.22	33.9	12.14	32.52	229	343	A	V
		5230	104.91	-	-	91.02	34.27	12.17	32.55	229	343	P	V
		5230	100.12	-	-	86.23	34.27	12.17	32.55	229	343	A	V
		5426.4	51.33	-22.67	74	37.28	34.4	12.23	32.58	229	343	P	V
		5458.08	42.49	-11.51	54	28.44	34.4	12.24	32.59	229	343	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10380	49.52	-18.78	68.3	47.84	37.41	15.32	51.05	-	-	P	H
HE40 Full		15570	47.86	-26.14	74	42.69	40.11	17.78	52.72	-	-	P	H
CH 38		10380	50.08	-18.22	68.3	48.4	37.41	15.32	51.05	-	-	P	V
5190MHz		15570	47.94	-26.06	74	42.77	40.11	17.78	52.72	-	-	P	V
802.11ax		10460	48.39	-19.91	68.3	46.69	37.46	15.32	51.08	-	-	P	H
HE40 Full		15690	47.47	-26.53	74	42.34	40.22	17.85	52.94	-	-	P	H
CH 46		10460	48.27	-20.03	68.3	46.57	37.46	15.32	51.08	-	-	P	V
5230MHz		15690	47.08	-26.92	74	41.95	40.22	17.85	52.94	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5094.9	52.55	-21.45	74	39.03	33.9	12.14	32.52	254	352	P	H
		5150	43.82	-10.18	54	30.2	34	12.15	32.53	254	352	A	H
		5210	107.09	-	-	93.23	34.23	12.17	32.54	254	352	P	H
		5210	100.31	-	-	86.45	34.23	12.17	32.54	254	352	A	H
		5393.04	51.27	-22.73	74	37.23	34.4	12.22	32.58	254	352	P	H
		5359.44	43.1	-10.9	54	29.06	34.4	12.21	32.57	254	352	A	H
		5099.84	53.85	-20.15	74	40.33	33.9	12.14	32.52	231	342	P	V
		5116.48	43.62	-10.38	54	30.08	33.93	12.14	32.53	231	342	A	V
		5210	104.67	-	-	90.81	34.23	12.17	32.54	231	342	P	V
		5210	97.52	-	-	83.66	34.23	12.17	32.54	231	342	A	V
		5415.36	51.48	-22.52	74	37.43	34.4	12.23	32.58	231	342	P	V
		5352.48	42.46	-11.54	54	28.42	34.4	12.21	32.57	231	342	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**U-NII-1 5150~5250MHz****WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10420	48.83	-19.47	68.3	47.15	37.43	15.32	51.07	-	-	P	H
HE80 Full		15630	47.03	-26.97	74	41.89	40.17	17.82	52.85	-	-	P	H
CH 42		10420	48.64	-19.66	68.3	46.96	37.43	15.32	51.07	-	-	P	V
5210MHz		15630	47.81	-26.19	74	42.67	40.17	17.82	52.85	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 50 5250MHz		5110.5	55.52	-18.48	74	41.97	33.93	12.14	32.52	204	360	P	H
		5131.04	46.09	-7.91	54	32.5	33.97	12.15	32.53	204	360	A	H
		5250	99.47	-	-	85.54	34.3	12.18	32.55	204	360	P	H
		5250	92.28	-	-	78.35	34.3	12.18	32.55	204	360	A	H
		5397.12	56.62	-17.38	74	42.58	34.4	12.22	32.58	204	360	P	H
		5377.2	47.71	-6.29	54	33.67	34.4	12.22	32.58	204	360	A	H
		5076.44	55.39	-18.61	74	41.91	33.87	12.13	32.52	213	360	P	V
		5104.78	45.03	-8.97	54	31.51	33.9	12.14	32.52	213	360	A	V
		5250	96.47	-	-	82.54	34.3	12.18	32.55	213	360	P	V
		5250	89.11	-	-	75.18	34.3	12.18	32.55	213	360	A	V
		5379.36	54.04	-19.96	74	40	34.4	12.22	32.58	213	360	P	V
		5351.28	44.93	-9.07	54	30.89	34.4	12.21	32.57	213	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ax HE160 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10500	47.71	-20.59	68.3	45.99	37.5	15.32	51.1	-	-	P	H
HE160 Full		15750	47.61	-26.39	74	42.51	40.28	17.89	53.07	-	-	P	H
CH 50		10500	47.62	-20.68	68.3	45.9	37.5	15.32	51.1	-	-	P	V
5250MHz		15750	47.7	-26.3	74	42.6	40.28	17.89	53.07	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A - 5250~5350MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 52 5260MHz		5042.64	53.54	-20.46	74	40.13	33.8	12.12	32.51	173	343	P	H
		5105.04	43.82	-10.18	54	30.3	33.9	12.14	32.52	173	343	A	H
		5260	109.74	-	-	95.78	34.33	12.18	32.55	173	343	P	H
		5260	102.72	-	-	88.76	34.33	12.18	32.55	173	343	A	H
		5446.56	53.55	-20.45	74	39.5	34.4	12.24	32.59	173	343	P	H
		5439.12	43.11	-10.89	54	29.07	34.4	12.23	32.59	173	343	A	H
		5099.32	53.21	-20.79	74	39.69	33.9	12.14	32.52	229	357	P	V
		5100.36	43.67	-10.33	54	30.15	33.9	12.14	32.52	229	357	A	V
		5260	107.04	-	-	93.08	34.33	12.18	32.55	229	357	P	V
		5260	100.17	-	-	86.21	34.33	12.18	32.55	229	357	A	V
		5413.92	52	-22	74	37.95	34.4	12.23	32.58	229	357	P	V
		5459.52	42.45	-11.55	54	28.4	34.4	12.24	32.59	229	357	A	V
802.11ax HE20 Full CH 60 5300MHz		5149.45	52.76	-21.24	74	39.14	34	12.15	32.53	224	357	P	H
		5121.8	43.97	-10.03	54	30.43	33.93	12.14	32.53	224	357	A	H
		5300	110.41	-	-	96.38	34.4	12.19	32.56	224	357	P	H
		5300	103.08	-	-	89.05	34.4	12.19	32.56	224	357	A	H
		5426.4	52.55	-21.45	74	38.5	34.4	12.23	32.58	224	357	P	H
		5457.12	43.38	-10.62	54	29.33	34.4	12.24	32.59	224	357	A	H
		5017.85	53	-21	74	39.6	33.8	12.11	32.51	211	360	P	V
		5126.35	43.59	-10.41	54	30	33.97	12.15	32.53	211	360	A	V
		5300	107.54	-	-	93.51	34.4	12.19	32.56	211	360	P	V
		5300	100.15	-	-	86.12	34.4	12.19	32.56	211	360	A	V
		5365.68	51.37	-22.63	74	37.33	34.4	12.21	32.57	211	360	P	V
		5459.52	42.62	-11.38	54	28.57	34.4	12.24	32.59	211	360	A	V



802.11ax HE20 Full CH 64 5320MHz		5320	111.81	-	-	97.77	34.4	12.2	32.56	220	353	P	H
		5320	104.37	-	-	90.33	34.4	12.2	32.56	220	353	A	H
		5350.08	54.4	-19.6	74	40.36	34.4	12.21	32.57	220	353	P	H
		5350.08	43.45	-10.55	54	29.41	34.4	12.21	32.57	220	353	A	H
		5320	106.85	-	-	92.81	34.4	12.2	32.56	201	360	P	V
		5320	100.16	-	-	86.12	34.4	12.2	32.56	201	360	A	V
		5360.48	51.8	-22.2	74	37.76	34.4	12.21	32.57	201	360	P	V
		5456.16	42.55	-11.45	54	28.5	34.4	12.24	32.59	201	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10520	49	-19.3	68.3	47.23	37.51	15.37	51.11	-	-	P	H
HE20 Full		15780	47.65	-26.35	74	42.55	40.3	17.9	53.1	-	-	P	H
CH 52		10520	49.7	-18.6	68.3	47.93	37.51	15.37	51.11	-	-	P	V
5260MHz		15780	47.42	-26.58	74	42.32	40.3	17.9	53.1	-	-	P	V
802.11ax		10600	47.86	-26.14	74	45.91	37.56	15.55	51.16	-	-	P	H
HE20 Full		15900	46.51	-27.49	74	41.44	40.41	17.97	53.31	-	-	P	H
CH 60		10600	46.96	-27.04	74	45.01	37.56	15.55	51.16	-	-	P	V
5300MHz		15900	47.87	-26.13	74	42.8	40.41	17.97	53.31	-	-	P	V
802.11ax		10640	46.92	-27.08	74	44.87	37.58	15.65	51.18	-	-	P	H
HE20 Full		15960	47.69	-26.31	74	42.65	40.47	18.01	53.44	-	-	P	H
CH 64		10640	47.68	-26.32	74	45.63	37.58	15.65	51.18	-	-	P	V
5320MHz		15960	47.7	-26.3	74	42.66	40.47	18.01	53.44	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		5107.1	53.33	-20.67	74	39.78	33.93	12.14	32.52	217	354	P	H
		5128.1	43.97	-10.03	54	30.38	33.97	12.15	32.53	217	354	A	H
		5270	108.21	-	-	94.24	34.33	12.19	32.55	217	354	P	H
		5270	100.3	-	-	86.33	34.33	12.19	32.55	217	354	A	H
		5422.56	53.71	-20.29	74	39.66	34.4	12.23	32.58	217	354	P	H
		5432.16	43.34	-10.66	54	29.3	34.4	12.23	32.59	217	354	A	H
		5083.3	52.44	-21.56	74	38.96	33.87	12.13	32.52	226	360	P	V
		5110.95	43.82	-10.18	54	30.27	33.93	12.14	32.52	226	360	A	V
		5270	104.47	-	-	90.5	34.33	12.19	32.55	226	360	P	V
		5270	97.17	-	-	83.2	34.33	12.19	32.55	226	360	A	V
		5353.68	51.9	-22.1	74	37.86	34.4	12.21	32.57	226	360	P	V
802.11ax HE40 Full CH 62 5310MHz		5141.05	54.15	-19.85	74	40.53	34	12.15	32.53	226	356	P	H
		5149.8	44.03	-9.97	54	30.41	34	12.15	32.53	226	356	A	H
		5310	106.85	-	-	92.81	34.4	12.2	32.56	226	356	P	H
		5310	99.66	-	-	85.62	34.4	12.2	32.56	226	356	A	H
		5351.76	55.76	-18.24	74	41.72	34.4	12.21	32.57	226	356	P	H
		5350.08	47.93	-6.07	54	33.89	34.4	12.21	32.57	226	356	A	H
		5083.65	53.45	-20.55	74	39.97	33.87	12.13	32.52	232	360	P	V
		5149.8	43.8	-10.2	54	30.18	34	12.15	32.53	232	360	A	V
		5310	102.66	-	-	88.62	34.4	12.2	32.56	232	360	P	V
		5310	95.72	-	-	81.68	34.4	12.2	32.56	232	360	A	V
		5350.08	52.29	-21.71	74	38.25	34.4	12.21	32.57	232	360	P	V
		5350.56	44.61	-9.39	54	30.57	34.4	12.21	32.57	232	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10540	49.1	-19.2	68.3	47.29	37.52	15.41	51.12	-	-	P	H
HE40 Full		15810	47.24	-26.76	74	42.15	40.33	17.92	53.16	-	-	P	H
CH 54		10540	48.91	-19.39	68.3	47.1	37.52	15.41	51.12	-	-	P	V
5270MHz		15810	47.07	-26.93	74	41.98	40.33	17.92	53.16	-	-	P	V
802.11ax		10620	46.78	-27.22	74	44.78	37.57	15.6	51.17	-	-	P	H
HE40 Full		15930	47.97	-26.03	74	42.92	40.44	17.99	53.38	-	-	P	H
CH 62		10620	47.09	-26.91	74	45.09	37.57	15.6	51.17	-	-	P	V
5310MHz		15930	47.2	-26.8	74	42.15	40.44	17.99	53.38	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5131.25	52.88	-21.12	74	39.29	33.97	12.15	32.53	231	354	P	H
		5149.45	43.83	-10.17	54	30.21	34	12.15	32.53	231	354	A	H
		5290	103.48	-	-	89.48	34.37	12.19	32.56	231	354	P	H
		5290	96.71	-	-	82.71	34.37	12.19	32.56	231	354	A	H
		5355.6	55.29	-18.71	74	41.25	34.4	12.21	32.57	231	354	P	H
		5355.84	47.1	-6.9	54	33.06	34.4	12.21	32.57	231	354	A	H
		5136.5	52.61	-21.39	74	39.02	33.97	12.15	32.53	197	347	P	V
		5127.05	43.7	-10.3	54	30.11	33.97	12.15	32.53	197	347	A	V
		5290	99.41	-	-	85.41	34.37	12.19	32.56	197	347	P	V
		5290	93.26	-	-	79.26	34.37	12.19	32.56	197	347	A	V
		5350.56	53.12	-20.88	74	39.08	34.4	12.21	32.57	197	347	P	V
		5351.28	44.59	-9.41	54	30.55	34.4	12.21	32.57	197	347	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**U-NII-2A 5250~5350MHz****WIFI 802.11ax HE80 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10580	48.11	-20.19	68.3	46.2	37.55	15.51	51.15	-	-	P	H
HE80 Full		15870	47.33	-26.67	74	42.27	40.39	17.95	53.28	-	-	P	H
CH 58		10580	48.84	-19.46	68.3	46.93	37.55	15.51	51.15	-	-	P	V
5290MHz		15870	47.15	-26.85	74	42.09	40.39	17.95	53.28	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C - 5470~5725MHz

WIFI 802.11ax HE20 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 100 5500MHz		5350.16	52.6	-21.4	74	38.56	34.4	12.21	32.57	186	360	P	H
		5461.68	52.16	-16.14	68.3	38.11	34.4	12.24	32.59	186	360	P	H
		5352.08	42.83	-11.17	54	28.79	34.4	12.21	32.57	186	360	A	H
		5500	110.13	-	-	96.08	34.4	12.25	32.6	186	360	P	H
		5500	103.71	-	-	89.66	34.4	12.25	32.6	186	360	A	H
		5423.6	51.7	-22.3	74	37.65	34.4	12.23	32.58	198	358	P	V
		5460.72	51.34	-16.96	68.3	37.29	34.4	12.24	32.59	198	358	P	V
		5459.76	42.45	-11.55	54	28.4	34.4	12.24	32.59	198	358	A	V
		5500	105.24	-	-	91.19	34.4	12.25	32.6	198	358	P	V
		5500	98.5	-	-	84.45	34.4	12.25	32.6	198	358	A	V
802.11ax HE20 Full CH 116 5580MHz		5413.84	52.16	-21.84	74	38.11	34.4	12.23	32.58	187	360	P	H
		5460.16	50.54	-17.76	68.3	36.49	34.4	12.24	32.59	187	360	P	H
		5426.08	42.98	-11.02	54	28.93	34.4	12.23	32.58	187	360	A	H
		5580	110.41	-	-	96.44	34.3	12.27	32.6	187	360	P	H
		5580	103.34	-	-	89.37	34.3	12.27	32.6	187	360	A	H
		5760.59	52.56	-15.74	68.3	38.29	34.57	12.3	32.6	187	360	P	H
		5446.96	52.2	-21.8	74	38.15	34.4	12.24	32.59	192	358	P	V
		5468.32	51.29	-17.01	68.3	37.24	34.4	12.24	32.59	192	358	P	V
		5458.48	42.41	-11.59	54	28.36	34.4	12.24	32.59	192	358	A	V
		5580	103.72	-	-	89.75	34.3	12.27	32.6	192	358	P	V
		5580	96.33	-	-	82.36	34.3	12.27	32.6	192	358	A	V
		5755.55	51.33	-16.97	68.3	37.06	34.57	12.3	32.6	192	358	P	V



802.11ax HE20 Full CH 140 5700MHz		5700	109.71	-	-	95.62	34.4	12.29	32.6	204	34	P	H
		5700	102.85	-	-	88.76	34.4	12.29	32.6	204	34	A	H
		5750.76	52.24	-16.06	68.3	38.04	34.5	12.3	32.6	204	34	P	H
		5700	102.33	-	-	88.24	34.4	12.29	32.6	147	168	P	V
		5700	95.43	-	-	81.34	34.4	12.29	32.6	147	168	A	V
		5741.72	52.81	-15.49	68.3	38.61	34.5	12.3	32.6	147	168	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11000	47.28	-26.72	74	44.39	37.8	16.49	51.4	-	-	P	H
HE20 Full		16500	49.39	-18.91	68.3	42.58	41.31	18.2	52.7	-	-	P	H
CH 100		11000	47.17	-26.83	74	44.28	37.8	16.49	51.4	-	-	P	V
5500MHz		16500	50.46	-17.84	68.3	43.65	41.31	18.2	52.7	-	-	P	V
802.11ax		11160	47.31	-26.69	74	44.14	37.94	16.5	51.27	-	-	P	H
HE20 Full		16740	49.62	-18.68	68.3	42.78	41.69	18.28	53.13	-	-	P	H
CH 116		11160	47.41	-26.59	74	44.24	37.94	16.5	51.27	-	-	P	V
5580MHz		16740	50.03	-18.27	68.3	43.19	41.69	18.28	53.13	-	-	P	V
802.11ax		11400	47.42	-26.58	74	43.85	38.13	16.52	51.08	-	-	P	H
HE20 Full		17100	48.46	-19.84	68.3	41.57	42	18.41	53.52	-	-	P	H
CH 140		11400	47.64	-26.36	74	44.07	38.13	16.52	51.08	-	-	P	V
5700MHz		17100	48.31	-19.99	68.3	41.42	42	18.41	53.52	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		5454.88	52.57	-21.43	74	38.52	34.4	12.24	32.59	172	360	P	H
		5468.8	55.65	-12.65	68.3	41.6	34.4	12.24	32.59	172	360	P	H
		5459.44	43.75	-10.25	54	29.7	34.4	12.24	32.59	172	360	A	H
		5510	108.29	-	-	94.24	34.4	12.25	32.6	172	360	P	H
		5510	101.08	-	-	87.03	34.4	12.25	32.6	172	360	A	H
		5762.48	52.51	-15.79	68.3	38.24	34.57	12.3	32.6	172	360	P	H
		5364.64	53.24	-20.76	74	39.2	34.4	12.21	32.57	184	345	P	V
		5463.76	52.29	-16.01	68.3	38.24	34.4	12.24	32.59	184	345	P	V
		5459.92	42.69	-11.31	54	28.64	34.4	12.24	32.59	184	345	A	V
		5510	100.81	-	-	86.76	34.4	12.25	32.6	184	345	P	V
		5510	93.87	-	-	79.82	34.4	12.25	32.6	184	345	A	V
		5743.265	53.11	-15.19	68.3	38.91	34.5	12.3	32.6	184	345	P	V
802.11ax HE40 Full CH 110 5550MHz		5415.52	53.79	-20.21	74	39.74	34.4	12.23	32.58	171	360	P	H
		5462.8	52.11	-16.19	68.3	38.06	34.4	12.24	32.59	171	360	P	H
		5402.08	42.96	-11.04	54	28.92	34.4	12.22	32.58	171	360	A	H
		5550	110.75	-	-	96.79	34.3	12.26	32.6	171	360	P	H
		5550	103.83	-	-	89.87	34.3	12.26	32.6	171	360	A	H
		5760.275	52.58	-15.72	68.3	38.31	34.57	12.3	32.6	171	360	P	H
		5358.64	51.62	-22.38	74	37.58	34.4	12.21	32.57	157	345	P	V
		5466.88	51.34	-16.96	68.3	37.29	34.4	12.24	32.59	157	345	P	V
		5459.92	42.51	-11.49	54	28.46	34.4	12.24	32.59	157	345	A	V
		5550	101.98	-	-	88.02	34.3	12.26	32.6	157	345	P	V
		5550	95.04	-	-	81.08	34.3	12.26	32.6	157	345	A	V
		5735.075	52.51	-15.79	68.3	38.31	34.5	12.3	32.6	157	345	P	V



802.11ax HE40 Full CH 134 5670MHz		5362.25	53.56	-20.44	74	39.52	34.4	12.21	32.57	276	359	P	H
		5462	51.02	-17.28	68.3	36.97	34.4	12.24	32.59	276	359	P	H
		5458.85	42.65	-11.35	54	28.6	34.4	12.24	32.59	276	359	A	H
		5670	109.1	-	-	95.02	34.4	12.28	32.6	276	359	P	H
		5670	102.23	-	-	88.15	34.4	12.28	32.6	276	359	A	H
		5754.5	52.72	-15.58	68.3	38.45	34.57	12.3	32.6	276	359	P	H
		5435.4	51.69	-22.31	74	37.65	34.4	12.23	32.59	171	360	P	V
		5459.9	50.1	-23.9	68.3	36.05	34.4	12.24	32.59	171	360	P	V
		5458.5	42.47	-11.53	54	28.42	34.4	12.24	32.59	171	360	A	V
		5670	103.01	-	-	88.93	34.4	12.28	32.6	171	360	P	V
		5670	95.22	-	-	81.14	34.4	12.28	32.6	171	360	A	V
		5759.225	51.42	-16.88	68.3	37.15	34.57	12.3	32.6	171	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11020	47.44	-26.56	74	44.53	37.81	16.49	51.39	-	-	P	H
HE40 Full		16530	48.9	-19.4	68.3	42.08	41.37	18.21	52.76	-	-	P	H
CH 102		11020	47.05	-26.95	74	44.14	37.81	16.49	51.39	-	-	P	V
5510MHz		16530	50.34	-17.96	68.3	43.52	41.37	18.21	52.76	-	-	P	V
802.11ax		11100	47.37	-26.63	74	44.31	37.88	16.5	51.32	-	-	P	H
HE40 Full		16650	48.86	-19.44	68.3	42.03	41.56	18.25	52.98	-	-	P	H
CH 110		11100	47.39	-26.61	74	44.33	37.88	16.5	51.32	-	-	P	V
5550MHz		16650	48.98	-19.32	68.3	42.15	41.56	18.25	52.98	-	-	P	V
802.11ax		11340	47.56	-26.44	74	44.1	38.07	16.52	51.13	-	-	P	H
HE40 Full		17010	49.26	-19.04	68.3	42.4	42.08	18.37	53.59	-	-	P	H
CH 134		11340	47.87	-26.13	74	44.41	38.07	16.52	51.13	-	-	P	V
5670MHz		17010	48.76	-19.54	68.3	41.9	42.08	18.37	53.59	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz
WIFI 802.11ax HE80 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		5457.04	56.29	-17.71	74	42.24	34.4	12.24	32.59	217	360	P	H
		5467.12	56.84	-11.46	68.3	42.79	34.4	12.24	32.59	217	360	P	H
		5459.68	47.43	-6.57	54	33.38	34.4	12.24	32.59	217	360	A	H
		5530	104.53	-	-	90.5	34.37	12.26	32.6	217	360	P	H
		5530	96.9	-	-	82.87	34.37	12.26	32.6	217	360	A	H
		5760.275	51.44	-16.86	68.3	37.17	34.57	12.3	32.6	217	360	P	H
		5443.6	52	-22	74	37.96	34.4	12.23	32.59	270	208	P	V
		5460	51.46	-16.84	68.3	37.41	34.4	12.24	32.59	270	208	P	V
		5459.68	43.02	-10.98	54	28.97	34.4	12.24	32.59	270	208	A	V
		5530	100.3	-	-	86.27	34.37	12.26	32.6	270	208	P	V
		5530	93.57	-	-	79.54	34.37	12.26	32.6	270	208	A	V
		5732.87	52.06	-16.24	68.3	37.89	34.47	12.3	32.6	270	208	P	V
802.11ax HE80 Full CH 122 5610MHz		5459.68	52.87	-21.13	74	38.82	34.4	12.24	32.59	217	360	P	H
		5460.16	51	-17.3	68.3	36.95	34.4	12.24	32.59	217	360	P	H
		5458.72	43.27	-10.73	54	29.22	34.4	12.24	32.59	217	360	A	H
		5610	105.56	-	-	91.59	34.3	12.27	32.6	217	360	P	H
		5610	97.44	-	-	83.47	34.3	12.27	32.6	217	360	A	H
		5760.8	52.03	-16.27	68.3	37.76	34.57	12.3	32.6	217	360	P	H
		5390.32	51.87	-22.13	74	37.83	34.4	12.22	32.58	207	176	P	V
		5464.24	50.86	-17.44	68.3	36.81	34.4	12.24	32.59	207	176	P	V
		5459.44	42.43	-11.57	54	28.38	34.4	12.24	32.59	207	176	A	V
		5610	99.22	-	-	85.25	34.3	12.27	32.6	207	176	P	V
		5610	91.56	-	-	77.59	34.3	12.27	32.6	207	176	A	V
		5762.375	52.38	-15.92	68.3	38.11	34.57	12.3	32.6	207	176	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11060	47.84	-26.16	74	44.85	37.85	16.49	51.35	-	-	P	H
HE80 Full		16590	50.47	-17.83	68.3	43.65	41.45	18.23	52.86	-	-	P	H
CH 106		11060	47.48	-26.52	74	44.49	37.85	16.49	51.35	-	-	P	V
5530MHz		16590	49.78	-18.52	68.3	42.96	41.45	18.23	52.86	-	-	P	V
802.11ax		11220	47.45	-26.55	74	44.19	37.98	16.51	51.23	-	-	P	H
HE80 Full		16830	50.31	-17.99	68.3	43.46	41.83	18.31	53.29	-	-	P	H
CH 122		11220	47.87	-26.13	74	44.61	37.98	16.51	51.23	-	-	P	V
5610MHz		16830	50.02	-18.28	68.3	43.17	41.83	18.31	53.29	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz

WIFI 802.11ax HE160 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Full CH 114 5570MHz		5439.76	53.93	-20.07	74	39.89	34.4	12.23	32.59	271	360	P	H
		5467.84	53.67	-14.63	68.3	39.62	34.4	12.24	32.59	271	360	P	H
		5448.16	47.74	-6.26	54	33.69	34.4	12.24	32.59	271	360	A	H
		5570	101.01	-	-	87.05	34.3	12.26	32.6	271	360	P	H
		5570	93.41	-	-	79.45	34.3	12.26	32.6	271	360	A	H
		5725.31	53.69	-14.61	68.3	39.52	34.47	12.3	32.6	271	360	P	H
		5370.16	52.83	-21.17	74	38.79	34.4	12.21	32.57	265	177	P	V
		5469.04	52.63	-15.67	68.3	38.58	34.4	12.24	32.59	265	177	P	V
		5448.88	46.3	-7.7	54	32.25	34.4	12.24	32.59	265	177	A	V
		5570	93.36	-	-	79.4	34.3	12.26	32.6	265	177	P	V
		5570	86.59	-	-	72.63	34.3	12.26	32.6	265	177	A	V
		5755.865	53.5	-14.8	68.3	39.23	34.57	12.3	32.6	265	177	P	V

**U-NII-2C 5470~5725MHz****WIFI 802.11ax HE160 Full (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11140	47.01	-26.99	74	43.89	37.91	16.5	51.29	-	-	P	H
HE160 Full		16710	49.69	-18.61	68.3	42.85	41.64	18.27	53.07	-	-	P	H
CH 114		11140	47.07	-26.93	74	43.95	37.91	16.5	51.29	-	-	P	V
5570MHz		16710	48.44	-19.86	68.3	41.6	41.64	18.27	53.07	-	-	P	V



U-NII-1 - 5150~5250MHz

WIFI 802.11ax HE20 Partial RU (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial RU CH 36 5180MHz		5137.02	53.91	-20.09	74	40.32	33.97	12.15	32.53	230	332	P	H
		5129.22	43.6	-10.4	54	30.01	33.97	12.15	32.53	230	332	A	H
		5180	110.8	-	-	97.05	34.13	12.16	32.54	230	332	P	H
		5180	104.61	-	-	90.86	34.13	12.16	32.54	230	332	A	H
		5115.7	53.95	-20.05	74	40.41	33.93	12.14	32.53	229	360	P	V
		5123.76	43.62	-10.38	54	30.04	33.97	12.14	32.53	229	360	A	V
		5180	109.7	-	-	95.95	34.13	12.16	32.54	229	360	P	V
		5180	103.55	-	-	89.8	34.13	12.16	32.54	229	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial RU CH 48 5240MHz		5098.8	54.05	-19.95	74	40.53	33.9	12.14	32.52	236	332	P	H
		5102.44	43.68	-10.32	54	30.16	33.9	12.14	32.52	236	332	A	H
		5240	110.88	-	-	96.98	34.27	12.18	32.55	236	332	P	H
		5240	104.48	-	-	90.58	34.27	12.18	32.55	236	332	A	H
		5424.72	53.35	-20.65	74	39.3	34.4	12.23	32.58	236	332	P	H
		5459.28	42.44	-11.56	54	28.39	34.4	12.24	32.59	236	332	A	H
		5093.6	53.82	-20.18	74	40.3	33.9	12.14	32.52	210	347	P	V
		5102.96	43.58	-10.42	54	30.06	33.9	12.14	32.52	210	347	A	V
		5240	107.47	-	-	93.57	34.27	12.18	32.55	210	347	P	V
		5240	101.39	-	-	87.49	34.27	12.18	32.55	210	347	A	V
		5431.68	53.42	-20.58	74	39.38	34.4	12.23	32.59	210	347	P	V
		5459.28	42.42	-11.58	54	28.37	34.4	12.24	32.59	210	347	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ax HE20 Partial RU (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial RU CH 36 5180MHz		10360	48.22	-20.08	68.3	46.57	37.39	15.31	51.05	-	-	P	H
		15540	47.79	-26.21	74	42.61	40.08	17.76	52.66	-	-	P	H
		10360	49.05	-19.25	68.3	47.4	37.39	15.31	51.05	-	-	P	V
		15540	47.11	-26.89	74	41.93	40.08	17.76	52.66	-	-	P	V
802.11ax HE20 Partial RU CH 48 5240MHz		10480	49.51	-18.79	68.3	47.79	37.49	15.32	51.09	-	-	P	H
		15720	47.54	-26.46	74	42.42	40.25	17.87	53	-	-	P	H
		10480	48.78	-19.52	68.3	47.06	37.49	15.32	51.09	-	-	P	V
		15720	46.51	-27.49	74	41.39	40.25	17.87	53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ax HE40 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 38 5190MHz		5147.42	63.31	-10.69	74	49.69	34	12.15	32.53	368	347	P	H
		5150	44.07	-9.93	54	30.45	34	12.15	32.53	368	347	A	H
		5190	106.63	-	-	92.88	34.13	12.16	32.54	368	347	P	H
		5190	100.35	-	-	86.6	34.13	12.16	32.54	368	347	A	H
		5442.08	54.1	-19.9	74	40.06	34.4	12.23	32.59	368	347	P	H
		5351.64	42.3	-11.7	54	28.26	34.4	12.21	32.57	368	347	A	H
		5115.44	54.1	-19.9	74	40.56	33.93	12.14	32.53	361	360	P	V
		5147.94	43.98	-10.02	54	30.36	34	12.15	32.53	361	360	A	V
		5190	107.34	-	-	93.59	34.13	12.16	32.54	361	360	P	V
		5190	101.19	-	-	87.44	34.13	12.16	32.54	361	360	A	V
		5447.96	53.91	-20.09	74	39.86	34.4	12.24	32.59	361	360	P	V
		5457.76	42.24	-11.76	54	28.19	34.4	12.24	32.59	361	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 46 5230MHz		5056.16	53.65	-20.35	74	40.2	33.83	12.13	32.51	378	345	P	H
		5125.84	43.61	-10.39	54	30.02	33.97	12.15	32.53	378	345	A	H
		5230	108.45	-	-	94.56	34.27	12.17	32.55	378	345	P	H
		5230	102.32	-	-	88.43	34.27	12.17	32.55	378	345	A	H
		5388	54.56	-19.44	74	40.52	34.4	12.22	32.58	378	345	P	H
		5459.52	42.33	-11.67	54	28.28	34.4	12.24	32.59	378	345	A	H
		5076.18	53.96	-20.04	74	40.48	33.87	12.13	32.52	389	352	P	V
		5106.6	43.47	-10.53	54	29.92	33.93	12.14	32.52	389	352	A	V
		5230	104.18	-	-	90.29	34.27	12.17	32.55	389	352	P	V
		5230	98.05	-	-	84.16	34.27	12.17	32.55	389	352	A	V
		5438.16	52.78	-21.22	74	38.74	34.4	12.23	32.59	389	352	P	V
		5459.76	42.28	-11.72	54	28.23	34.4	12.24	32.59	389	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ax HE40 Partial RU (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 38 5190MHz		10380	48.94	-19.36	68.3	47.26	37.41	15.32	51.05	-	-	P	H
		15570	47.12	-26.88	74	41.95	40.11	17.78	52.72	-	-	P	H
		10380	49.33	-18.97	68.3	47.65	37.41	15.32	51.05	-	-	P	V
		15570	46.7	-27.3	74	41.53	40.11	17.78	52.72	-	-	P	V
802.11ax HE40 Partial RU CH 46 5230MHz		10460	47.28	-21.02	68.3	45.58	37.46	15.32	51.08	-	-	P	H
		15690	46.9	-27.1	74	41.77	40.22	17.85	52.94	-	-	P	H
		10460	48.2	-20.1	68.3	46.5	37.46	15.32	51.08	-	-	P	V
		15690	47.26	-26.74	74	42.13	40.22	17.85	52.94	-	-	P	V



U-NII-1 5150~5250MHz

WIFI 802.11ax HE80 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial RU484 65 CH 42 5210MHz		5149.24	62.62	-11.38	74	49	34	12.15	32.53	377	332	P	H
		5149.76	45.18	-8.82	54	31.56	34	12.15	32.53	377	332	A	H
		5210	103.54	-	-	89.68	34.23	12.17	32.54	377	332	P	H
		5210	97.43	-	-	83.57	34.23	12.17	32.54	377	332	A	H
		5445.12	53.95	-20.05	74	39.91	34.4	12.23	32.59	377	332	P	H
		5356.56	42.4	-11.6	54	28.36	34.4	12.21	32.57	377	332	A	H
		5149.24	60.2	-13.8	74	46.58	34	12.15	32.53	382	360	P	V
		5149.76	44.28	-9.72	54	30.66	34	12.15	32.53	382	360	A	V
		5210	101.41	-	-	87.55	34.23	12.17	32.54	382	360	P	V
		5210	95.23	-	-	81.37	34.23	12.17	32.54	382	360	A	V
		5458.56	55.35	-18.65	74	41.3	34.4	12.24	32.59	382	360	P	V
		5458.32	42.2	-11.8	54	28.15	34.4	12.24	32.59	382	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial RU484 66 CH 42 5210MHz		5141.7	62.34	-11.66	74	48.72	34	12.15	32.53	393	327	P	H
		5145.34	44.09	-9.91	54	30.47	34	12.15	32.53	393	327	A	H
		5210	104.32	-	-	90.46	34.23	12.17	32.54	393	327	P	H
		5210	98.23	-	-	84.37	34.23	12.17	32.54	393	327	A	H
		5401.92	52.1	-21.9	74	38.06	34.4	12.22	32.58	393	327	P	H
		5356.32	42.38	-11.62	54	28.34	34.4	12.21	32.57	393	327	A	H
		5144.04	61.12	-12.88	74	47.5	34	12.15	32.53	386	360	P	V
		5148.2	43.93	-10.07	54	30.31	34	12.15	32.53	386	360	A	V
		5210	101.7	-	-	87.84	34.23	12.17	32.54	386	360	P	V
		5210	95.55	-	-	81.69	34.23	12.17	32.54	386	360	A	V
		5433.12	52.29	-21.71	74	38.25	34.4	12.23	32.59	386	360	P	V
		5456.16	42.21	-11.79	54	28.16	34.4	12.24	32.59	386	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-1 5150~5250MHz

WIFI 802.11ax HE80 Partial RU (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10420	50.07	-18.23	68.3	48.39	37.43	15.32	51.07	-	-	P	H
HE80		15630	47.6	-26.4	74	42.46	40.17	17.82	52.85	-	-	P	H
Partial		10420	49.73	-18.57	68.3	48.05	37.43	15.32	51.07	-	-	P	V
RU484 65													
CH 42		15630	47.92	-26.08	74	42.78	40.17	17.82	52.85	-	-	P	V
5210MHz													
802.11ax		10420	49.84	-18.46	68.3	48.16	37.43	15.32	51.07	-	-	P	H
HE80		15630	47.22	-26.78	74	42.08	40.17	17.82	52.85	-	-	P	H
Partial		10420	48.37	-19.93	68.3	46.69	37.43	15.32	51.07	-	-	P	V
RU484 66													
CH 42		15630	47.77	-26.23	74	42.63	40.17	17.82	52.85	-	-	P	V
5210MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A - 5250~5350MHz

WIFI 802.11ax HE20 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial RU CH 52 5320MHz		5099.32	54.45	-19.55	74	40.93	33.9	12.14	32.52	237	335	P	H
		5115.44	43.73	-10.27	54	30.19	33.93	12.14	32.53	237	335	A	H
		5260	110.88	-	-	96.92	34.33	12.18	32.55	237	335	P	H
		5260	104.81	-	-	90.85	34.33	12.18	32.55	237	335	A	H
		5355.36	53.14	-20.86	74	39.1	34.4	12.21	32.57	237	335	P	H
		5459.52	42.46	-11.54	54	28.41	34.4	12.24	32.59	237	335	A	H
		5103.48	53.56	-20.44	74	40.04	33.9	12.14	32.52	210	345	P	V
		5125.84	43.64	-10.36	54	30.05	33.97	12.15	32.53	210	345	A	V
		5260	107.78	-	-	93.82	34.33	12.18	32.55	210	345	P	V
		5260	101.66	-	-	87.7	34.33	12.18	32.55	210	345	A	V
		5390.4	53.68	-20.32	74	39.64	34.4	12.22	32.58	210	345	P	V
		5459.04	42.33	-11.67	54	28.28	34.4	12.24	32.59	210	345	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial RU CH 64 5320MHz		5320	108.48	-	-	94.44	34.4	12.2	32.56	245	328	P	H
		5320	102.27	-	-	88.23	34.4	12.2	32.56	245	328	A	H
		5442.4	53.24	-20.76	74	39.2	34.4	12.23	32.59	245	328	P	H
		5459.04	42.46	-11.54	54	28.41	34.4	12.24	32.59	245	328	A	H
		5320	106.6	-	-	92.56	34.4	12.2	32.56	215	347	P	V
		5320	100.52	-	-	86.48	34.4	12.2	32.56	215	347	A	V
		5361.76	53.04	-20.96	74	39	34.4	12.21	32.57	215	347	P	V
		5458.4	42.38	-11.62	54	28.33	34.4	12.24	32.59	215	347	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz

WIFI 802.11ax HE20 Partial RU (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial RU CH 52 5260MHz		10520	48.15	-20.15	68.3	46.38	37.51	15.37	51.11	-	-	P	H
		15780	47.11	-26.89	74	42.01	40.3	17.9	53.1	-	-	P	H
		10520	49.87	-18.43	68.3	48.1	37.51	15.37	51.11	-	-	P	V
		15780	46.11	-27.89	74	41.01	40.3	17.9	53.1	-	-	P	V
802.11ax HE20 Partial RU CH 64 5320MHz		10640	47.83	-26.17	74	45.78	37.58	15.65	51.18	-	-	P	H
		15960	46.26	-27.74	74	41.22	40.47	18.01	53.44	-	-	P	H
		10640	46.05	-27.95	74	44	37.58	15.65	51.18	-	-	P	V
		15960	47.59	-26.41	74	42.55	40.47	18.01	53.44	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz

WIFI 802.11ax HE40 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 54 5270MHz		5040.25	54.13	-19.87	74	40.72	33.8	12.12	32.51	390	337	P	H
		5124.25	43.61	-10.39	54	30.03	33.97	12.14	32.53	390	337	A	H
		5270	107.09	-	-	93.12	34.33	12.19	32.55	390	337	P	H
		5270	100.91	-	-	86.94	34.33	12.19	32.55	390	337	A	H
		5449.44	52.58	-21.42	74	38.53	34.4	12.24	32.59	390	337	P	H
		5459.52	42.34	-11.66	54	28.29	34.4	12.24	32.59	390	337	A	H
		5094.85	54.22	-19.78	74	40.7	33.9	12.14	32.52	383	352	P	V
		5103.6	43.47	-10.53	54	29.95	33.9	12.14	32.52	383	352	A	V
		5270	102.92	-	-	88.95	34.33	12.19	32.55	383	352	P	V
		5270	96.76	-	-	82.79	34.33	12.19	32.55	383	352	A	V
		5444.4	52.76	-21.24	74	38.72	34.4	12.23	32.59	383	352	P	V
		5458.08	42.28	-11.72	54	28.23	34.4	12.24	32.59	383	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WiFi Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 62 5310MHz		5141.05	54.13	-19.87	74	40.51	34	12.15	32.53	366	355	P	H
		5128.1	43.54	-10.46	54	29.95	33.97	12.15	32.53	366	355	A	H
		5310	108	-	-	93.96	34.4	12.2	32.56	366	355	P	H
		5310	101.68	-	-	87.64	34.4	12.2	32.56	366	355	A	H
		5350.32	67.11	-6.89	74	53.07	34.4	12.21	32.57	366	355	P	H
		5350.08	45.76	-8.24	54	31.72	34.4	12.21	32.57	366	355	A	H
		5107.45	53.82	-20.18	74	40.27	33.93	12.14	32.52	377	356	P	V
		5125.65	43.57	-10.43	54	29.98	33.97	12.15	32.53	377	356	A	V
		5310	105.8	-	-	91.76	34.4	12.2	32.56	377	356	P	V
		5310	99.66	-	-	85.62	34.4	12.2	32.56	377	356	A	V
		5352	63.51	-10.49	74	49.47	34.4	12.21	32.57	377	356	P	V
		5352	46.23	-7.77	54	32.19	34.4	12.21	32.57	377	356	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz

WIFI 802.11ax HE40 Partial RU (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 54 5270MHz		10540	49.29	-19.01	68.3	47.48	37.52	15.41	51.12	-	-	P	H
		15810	47.27	-26.73	74	42.18	40.33	17.92	53.16	-	-	P	H
		10540	49.68	-18.62	68.3	47.87	37.52	15.41	51.12	-	-	P	V
		15810	47.8	-26.2	74	42.71	40.33	17.92	53.16	-	-	P	V
802.11ax HE40 Partial RU CH 62 5310MHz		10620	47.42	-26.58	74	45.42	37.57	15.6	51.17	-	-	P	H
		15930	46.25	-27.75	74	41.2	40.44	17.99	53.38	-	-	P	H
		10620	47.97	-26.03	74	45.97	37.57	15.6	51.17	-	-	P	V
		15930	47.56	-26.44	74	42.51	40.44	17.99	53.38	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz

WIFI 802.11ax HE80 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial RU484 65 CH 58 5290MHz		5148.4	55.89	-18.11	74	42.27	34	12.15	32.53	393	345	P	H
		5124.6	43.92	-10.08	54	30.34	33.97	12.14	32.53	393	345	A	H
		5290	105.48	-	-	91.48	34.37	12.19	32.56	393	345	P	H
		5290	99.37	-	-	85.37	34.37	12.19	32.56	393	345	A	H
		5376.96	66.87	-7.13	74	52.83	34.4	12.22	32.58	393	345	P	H
		5372.16	47.23	-6.77	54	33.19	34.4	12.21	32.57	393	345	A	H
		5102.9	54.25	-19.75	74	40.73	33.9	12.14	32.52	398	352	P	V
		5123.2	43.78	-10.22	54	30.2	33.97	12.14	32.53	398	352	A	V
		5290	103.5	-	-	89.5	34.37	12.19	32.56	398	352	P	V
		5290	97.46	-	-	83.46	34.37	12.19	32.56	398	352	A	V
		5372.16	62.1	-11.9	74	48.06	34.4	12.21	32.57	398	352	P	V
		5357.28	42.51	-11.49	54	28.47	34.4	12.21	32.57	398	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE80 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial RU484 66 CH 58 5290MHz		5036.05	53.7	-20.3	74	40.29	33.8	12.12	32.51	368	360	P	H
		5126.35	43.75	-10.25	54	30.16	33.97	12.15	32.53	368	360	A	H
		5290	103.85	-	-	89.85	34.37	12.19	32.56	368	360	P	H
		5290	97.67	-	-	83.67	34.37	12.19	32.56	368	360	A	H
		5374.8	65.12	-8.88	74	51.08	34.4	12.21	32.57	368	360	P	H
		5350.08	46.46	-7.54	54	32.42	34.4	12.21	32.57	368	360	A	H
		5134.4	55	-19	74	41.41	33.97	12.15	32.53	397	360	P	V
		5127.05	43.73	-10.27	54	30.14	33.97	12.15	32.53	397	360	A	V
		5290	99.43	-	-	85.43	34.37	12.19	32.56	397	360	P	V
		5290	93.38	-	-	79.38	34.37	12.19	32.56	397	360	A	V
		5420.4	54.58	-19.42	74	40.53	34.4	12.23	32.58	397	360	P	V
		5355.6	42.57	-11.43	54	28.53	34.4	12.21	32.57	397	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz

WIFI 802.11ax HE80 Partial 242 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial RU484 65 CH 58 5290MHz		10580	48.58	-19.72	68.3	46.67	37.55	15.51	51.15	-	-	P	H
		15870	47.46	-26.54	74	42.4	40.39	17.95	53.28	-	-	P	H
		10580	49.68	-18.62	68.3	47.77	37.55	15.51	51.15	-	-	P	V
		15870	47.5	-26.5	74	42.44	40.39	17.95	53.28	-	-	P	V
802.11ax HE80 Partial RU484 66 CH 58 5290MHz		10580	49.44	-18.86	68.3	47.53	37.55	15.51	51.15	-	-	P	H
		15870	46.91	-27.09	74	41.85	40.39	17.95	53.28	-	-	P	H
		10580	48.38	-19.92	68.3	46.47	37.55	15.51	51.15	-	-	P	V
		15870	47.89	-26.11	74	42.83	40.39	17.95	53.28	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE160 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial RU996 67 CH 50 5250MHz		5125.84	65.52	-8.48	74	51.93	33.97	12.15	32.53	242	353	P	H
		5141.7	46	-8	54	32.38	34	12.15	32.53	242	353	A	H
		5250	103.15	-	-	89.22	34.3	12.18	32.55	242	353	P	H
		5250	96.24	-	-	82.31	34.3	12.18	32.55	242	353	A	H
		5398.56	69.15	-4.85	74	55.11	34.4	12.22	32.58	242	353	P	H
		5398.8	48.74	-5.26	54	34.7	34.4	12.22	32.58	242	353	A	H
		5077.48	54.56	-19.44	74	41.08	33.87	12.13	32.52	100	164	P	V
		5144.56	44.35	-9.65	54	30.73	34	12.15	32.53	100	164	A	V
		5250	94.75	-	-	80.82	34.3	12.18	32.55	100	164	P	V
		5250	87.03	-	-	73.1	34.3	12.18	32.55	100	164	A	V
		5396.64	62.14	-11.86	74	48.1	34.4	12.22	32.58	100	164	P	V
		5392.08	42.9	-11.1	54	28.86	34.4	12.22	32.58	100	164	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE160 Partial 996 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10500	47.54	-20.76	68.3	45.82	37.5	15.32	51.1	-	-	P	H
HE160		15750	47.33	-26.67	74	42.23	40.28	17.89	53.07	-	-	P	H
Partial		10500	47.76	-20.54	68.3	46.04	37.5	15.32	51.1	-	-	P	V
RU996 67													
CH 50		15750	47.74	-26.26	74	42.64	40.28	17.89	53.07	-	-	P	V
5250MHz													



U-NII-2C - 5470~5725MHz

WIFI 802.11ax HE20 Partial RU (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 Partial RU CH 100 5260MHz		5404.4	52.98	-21.02	74	38.94	34.4	12.22	32.58	376	360	P	H
		5460.24	52.34	-15.96	68.3	38.29	34.4	12.24	32.59	376	360	P	H
		5459.12	42.35	-11.65	54	28.3	34.4	12.24	32.59	376	360	A	H
		5500	108.75	-	-	94.7	34.4	12.25	32.6	376	360	P	H
		5500	102.67	-	-	88.62	34.4	12.25	32.6	376	360	A	H
		5408.72	52.31	-21.69	74	38.27	34.4	12.22	32.58	365	345	P	V
		5469.52	52.27	-16.03	68.3	38.22	34.4	12.24	32.59	365	345	P	V
		5456.88	42.28	-11.72	54	28.23	34.4	12.24	32.59	365	345	A	V
		5500	104.53	-	-	90.48	34.4	12.25	32.6	365	345	P	V
		5500	98.42	-	-	84.37	34.4	12.25	32.6	365	345	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial RU CH 140 5700MHz		5700	105.23	-	-	91.14	34.4	12.29	32.6	377	307	P	H
		5700	99.05	-	-	84.96	34.4	12.29	32.6	377	307	A	H
		5757.32	52.73	-15.57	68.3	38.46	34.57	12.3	32.6	377	307	P	H
		5700	102.93	-	-	88.84	34.4	12.29	32.6	358	360	P	V
		5700	96.76	-	-	82.67	34.4	12.29	32.6	358	360	A	V
		5752.04	53.84	-14.46	68.3	39.57	34.57	12.3	32.6	358	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz

WIFI 802.11ax HE20 Partial 26 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial RU CH 100 5500MHz		11000	46.96	-27.04	74	44.07	37.8	16.49	51.4	-	-	P	H
		16500	50.33	-17.97	68.3	43.52	41.31	18.2	52.7	-	-	P	H
		11000	47.96	-26.04	74	45.07	37.8	16.49	51.4	-	-	P	V
		16500	49.86	-18.44	68.3	43.05	41.31	18.2	52.7	-	-	P	V
802.11ax HE20 Partial RU CH 140 5700MHz		11400	47.22	-26.78	74	43.65	38.13	16.52	51.08	-	-	P	H
		17100	49.53	-18.77	68.3	42.64	42	18.41	53.52	-	-	P	H
		11400	47.92	-26.08	74	44.35	38.13	16.52	51.08	-	-	P	V
		17100	48.87	-19.43	68.3	41.98	42	18.41	53.52	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz

WIFI 802.11ax HE40 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 102 5510MHz		5454.64	52.85	-21.15	74	38.8	34.4	12.24	32.59	394	357	P	H
		5470	54.93	-13.37	68.3	40.88	34.4	12.24	32.59	394	357	P	H
		5459.68	42.82	-11.18	54	28.77	34.4	12.24	32.59	394	357	A	H
		5510	106.68	-	-	92.63	34.4	12.25	32.6	394	357	P	H
		5510	100.57	-	-	86.52	34.4	12.25	32.6	394	357	A	H
		5765	52.63	-15.67	68.3	38.36	34.57	12.3	32.6	394	357	P	H
		5459.44	53.46	-20.54	74	39.41	34.4	12.24	32.59	383	350	P	V
		5461.84	53.24	-15.06	68.3	39.19	34.4	12.24	32.59	383	350	P	V
		5458.48	42.28	-11.72	54	28.23	34.4	12.24	32.59	383	350	A	V
		5510	103.84	-	-	89.79	34.4	12.25	32.6	383	350	P	V
		5510	97.69	-	-	83.64	34.4	12.25	32.6	383	350	A	V
		5727.2	53.29	-15.01	68.3	39.12	34.47	12.3	32.6	383	350	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 134 5670MHz		5430.15	52.54	-21.46	74	38.5	34.4	12.23	32.59	386	360	P	H
		5463.05	51.13	-17.17	68.3	37.08	34.4	12.24	32.59	386	360	P	H
		5458.15	42.35	-11.65	54	28.3	34.4	12.24	32.59	386	360	A	H
		5670	104.44	-	-	90.36	34.4	12.28	32.6	386	360	P	H
		5670	98.33	-	-	84.25	34.4	12.28	32.6	386	360	A	H
		5756.775	52.63	-15.67	68.3	38.36	34.57	12.3	32.6	386	360	P	H
		5459.55	52.45	-21.55	74	38.4	34.4	12.24	32.59	394	319	P	V
		5460.6	51.56	-16.74	68.3	37.51	34.4	12.24	32.59	394	319	P	V
		5457.45	42.22	-11.78	54	28.17	34.4	12.24	32.59	394	319	A	V
		5670	101.57	-	-	87.49	34.4	12.28	32.6	394	319	P	V
		5670	95.4	-	-	81.32	34.4	12.28	32.6	394	319	A	V
		5725.275	53.17	-15.13	68.3	39	34.47	12.3	32.6	394	319	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz

WIFI 802.11ax HE40 Partial 242 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 102 5510MHz		11020	47.2	-26.8	74	44.29	37.81	16.49	51.39	-	-	P	H
		16530	49.5	-18.8	68.3	42.68	41.37	18.21	52.76	-	-	P	H
		11020	46.52	-27.48	74	43.61	37.81	16.49	51.39	-	-	P	V
		16530	48.44	-19.86	68.3	41.62	41.37	18.21	52.76	-	-	P	V
802.11ax HE40 Partial RU CH 134 5670MHz		11340	47.38	-26.62	74	43.92	38.07	16.52	51.13	-	-	P	H
		17010	49.01	-19.29	68.3	42.15	42.08	18.37	53.59	-	-	P	H
		11340	47.01	-26.99	74	43.55	38.07	16.52	51.13	-	-	P	V
		17010	49.15	-19.15	68.3	42.29	42.08	18.37	53.59	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz

WIFI 802.11ax HE80 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial RU CH 106 5530MHz		5453.44	57.07	-16.93	74	43.02	34.4	12.24	32.59	374	360	P	H
		5465.44	62.17	-6.13	68.3	48.12	34.4	12.24	32.59	374	360	P	H
		5459.92	43.42	-10.58	54	29.37	34.4	12.24	32.59	374	360	A	H
		5530	104.69	-	-	90.66	34.37	12.26	32.6	374	360	P	H
		5530	98.55	-	-	84.52	34.37	12.26	32.6	374	360	A	H
		5757.44	53.52	-14.78	68.3	39.25	34.57	12.3	32.6	374	360	P	H
		5423.92	52.88	-21.12	74	38.83	34.4	12.23	32.58	379	239	P	V
		5469.04	52.93	-15.37	68.3	38.88	34.4	12.24	32.59	379	239	P	V
		5459.2	42.36	-11.64	54	28.31	34.4	12.24	32.59	379	239	A	V
		5530	96.91	-	-	82.88	34.37	12.26	32.6	379	239	P	V
		5530	90.61	-	-	76.58	34.37	12.26	32.6	379	239	A	V
		5740.43	53.37	-14.93	68.3	39.17	34.5	12.3	32.6	379	239	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WiFi Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial RU CH 122 5610MHz		5405.2	53.89	-20.11	74	39.85	34.4	12.22	32.58	374	360	P	H
		5462.56	52.89	-15.41	68.3	38.84	34.4	12.24	32.59	374	360	P	H
		5459.92	42.73	-11.27	54	28.68	34.4	12.24	32.59	374	360	A	H
		5610	105.15	-	-	91.18	34.3	12.27	32.6	374	360	P	H
		5610	98.73	-	-	84.76	34.3	12.27	32.6	374	360	A	H
		5751.35	53.01	-15.29	68.3	38.81	34.5	12.3	32.6	374	360	P	H
		5428.48	53.12	-20.88	74	39.08	34.4	12.23	32.59	379	339	P	V
		5469.04	51.57	-16.73	68.3	37.52	34.4	12.24	32.59	379	339	P	V
		5458.96	42.23	-11.77	54	28.18	34.4	12.24	32.59	379	339	A	V
		5610	102.22	-	-	88.25	34.3	12.27	32.6	379	339	P	V
		5610	96.13	-	-	82.16	34.3	12.27	32.6	379	339	A	V
		5748.025	54.68	-13.62	68.3	40.48	34.5	12.3	32.6	379	339	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2C 5470~5725MHz

WIFI 802.11ax HE80 Partial RU (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11060	47.17	-26.83	74	44.18	37.85	16.49	51.35	-	-	P	H
HE80		16590	49.51	-18.79	68.3	42.69	41.45	18.23	52.86	-	-	P	H
Partial RU		11060	46.97	-27.03	74	43.98	37.85	16.49	51.35	-	-	P	V
CH 106 5530MHz		16590	48.69	-19.61	68.3	41.87	41.45	18.23	52.86	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax		11220	47.3	-26.7	74	44.04	37.98	16.51	51.23	-	-	P	H
HE80		16830	49.07	-19.23	68.3	42.22	41.83	18.31	53.29	-	-	P	H
Partial RU		11220	47.58	-26.42	74	44.32	37.98	16.51	51.23	-	-	P	V
CH 122		16830	48.08	-20.22	68.3	41.23	41.83	18.31	53.29	-	-	P	V
5610MHz													
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI 802.11ax HE160 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE160 Partial RU CH 114 5570MHz		5437.6	67.19	-6.81	74	53.15	34.4	12.23	32.59	237	360	P	H
		5460	64.63	-3.67	68.3	50.58	34.4	12.24	32.59	237	360	P	H
		5459.2	49.36	-4.64	54	35.31	34.4	12.24	32.59	237	360	A	H
		5570	102.63	-	-	88.67	34.3	12.26	32.6	237	360	P	H
		5570	94.53	-	-	80.57	34.3	12.26	32.6	237	360	A	H
		5726.885	62.14	-6.16	68.3	47.97	34.47	12.3	32.6	237	360	P	H
		5409.04	52.73	-21.27	74	38.69	34.4	12.22	32.58	100	164	P	V
		5464.48	53.92	-14.38	68.3	39.87	34.4	12.24	32.59	100	164	P	V
		5457.52	43.62	-10.38	54	29.57	34.4	12.24	32.59	100	164	A	V
		5570	94.69	-	-	80.73	34.3	12.26	32.6	100	164	P	V
		5570	86.85	-	-	72.89	34.3	12.26	32.6	100	164	A	V
		5728.145	59.66	-8.64	68.3	45.49	34.47	12.3	32.6	100	164	P	V

**WIFI 802.11ax HE160 Partial RU (Harmonic @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11140	47.01	-26.99	74	43.89	37.91	16.5	51.29	-	-	P	H
HE160		16710	49.61	-18.69	68.3	42.77	41.64	18.27	53.07	-	-	P	H
Partial RU		11140	47.84	-26.16	74	44.72	37.91	16.5	51.29	-	-	P	V
CH 114 5570MHz		16710	48.5	-19.8	68.3	41.66	41.64	18.27	53.07	-	-	P	V



Co-location:

U-NII-2A 5250~5350MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax40 _Tx_Ch62+ LTE Band48 Link	*	5113.75	53.16	-20.84	74	39.61	33.93	12.14	32.52	246	349	P	H
	*	5148.05	43.88	-10.12	54	30.26	34	12.15	32.53	246	349	A	H
		5310	104.92	-	-	90.88	34.4	12.2	32.56	246	349	P	H
		5310	98.53	-	-	84.49	34.4	12.2	32.56	246	349	A	H
		5351.28	55.22	-18.78	74	41.18	34.4	12.21	32.57	246	349	P	H
		5350.08	47.51	-6.49	54	33.47	34.4	12.21	32.57	246	349	A	H
	*	5109.9	53.19	-20.81	74	39.64	33.93	12.14	32.52	100	6	P	V
	*	5126.35	43.71	-10.29	54	30.12	33.97	12.15	32.53	100	6	A	V
		5310	102.88	-	-	88.84	34.4	12.2	32.56	100	6	P	V
		5310	95.42	-	-	81.38	34.4	12.2	32.56	100	6	A	V
		5454	51.83	-22.17	74	37.78	34.4	12.24	32.59	100	6	P	V
		5350.08	43.84	-10.16	54	29.8	34.4	12.21	32.57	100	6	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n40 Tx_Ch03+1 1ax40_Tx_ Ch62+LTE Band48 Link	*	2389.8	57.95	-16.05	74	49.01	32	9.64	32.7	189	39	P	H
	*	2389.94	47.56	-6.44	54	38.62	32	9.64	32.7	189	39	A	H
		2422	109.43	-	74	100.25	32.2	9.68	32.7	189	39	P	H
		2422	101.47	-	54	92.29	32.2	9.68	32.7	189	39	A	H
		2493.28	55.74	-18.26	74	46.58	32.1	9.76	32.7	189	39	P	H
		2483.97	44.5	-9.5	54	35.28	32.17	9.75	32.7	189	39	A	H
	*	2341.08	55.73	-18.27	74	46.75	32.1	9.58	32.7	192	279	P	V
	*	2387.28	45.9	-8.1	54	36.97	32	9.63	32.7	192	279	A	V
		2422	110.22	-	74	101.04	32.2	9.68	32.7	192	279	P	V
		2422	101.2	-	54	92.02	32.2	9.68	32.7	192	279	A	V
		2489.43	56.33	-17.67	74	47.17	32.1	9.76	32.7	192	279	P	V
		2483.55	44.74	-9.26	54	35.52	32.17	9.75	32.7	192	279	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



U-NII-2A 5250~5350MHz

WIFI 802.11ax HE40 Full (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n40 Tx_Ch03+1 1ax40_Tx Ch62+LTE Band48 Link	*	5144.2	52.76	-21.24	74	39.14	34	12.15	32.53	100	350	P	H
	*	5122.5	43.59	-10.41	54	30.05	33.93	12.14	32.53	100	350	A	H
		5310	105.55	-	-	91.51	34.4	12.2	32.56	100	350	P	H
		5310	98.32	-	-	84.28	34.4	12.2	32.56	100	350	A	H
		5356.56	57.11	-16.89	74	43.07	34.4	12.21	32.57	100	350	P	H
		5350.08	47.81	-6.19	54	33.77	34.4	12.21	32.57	100	350	A	H
	*	5039.9	53.32	-20.68	74	39.91	33.8	12.12	32.51	100	0	P	V
	*	5122.85	43.59	-10.41	54	30.01	33.97	12.14	32.53	100	0	A	V
		5310	103.69	-	-	89.65	34.4	12.2	32.56	100	0	P	V
		5310	95.45	-	-	81.41	34.4	12.2	32.56	100	0	A	V
Remark		5350.8	52.97	-21.03	74	38.93	34.4	12.21	32.57	100	0	P	V
		5350.08	46.19	-7.81	54	32.15	34.4	12.21	32.57	100	0	A	V
1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



U-NII-2A 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n40 Tx_Ch03+1 1ax40_Tx_ Ch62+LTE Band48 Link	*	7332	45.99	-28.01	74	47.81	35.77	14.18	51.77	-	-	P	H
	*	10620	47.36	-26.64	74	45.36	37.57	15.6	51.17	-	-	A	H
		10998	47.55	-26.45	74	44.66	37.8	16.49	51.4	-	-	P	H
		14664	46.16	-22.14	68.3	41.96	39.26	17.34	52.4	-	-	A	H
		15930	47.32	-26.68	74	42.27	40.44	17.99	53.38	-	-	P	H
	*	7332	47.14	-26.86	74	48.96	35.77	14.18	51.77	-	-	P	V
	*	10620	47.52	-26.48	74	45.52	37.57	15.6	51.17	-	-	A	V
		10998	47.83	-26.17	74	44.94	37.8	16.49	51.4	-	-	P	V
		14664	46.86	-21.44	68.3	42.66	39.26	17.34	52.4	-	-	A	V
		15930	46.7	-27.3	74	41.65	40.44	17.99	53.38	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

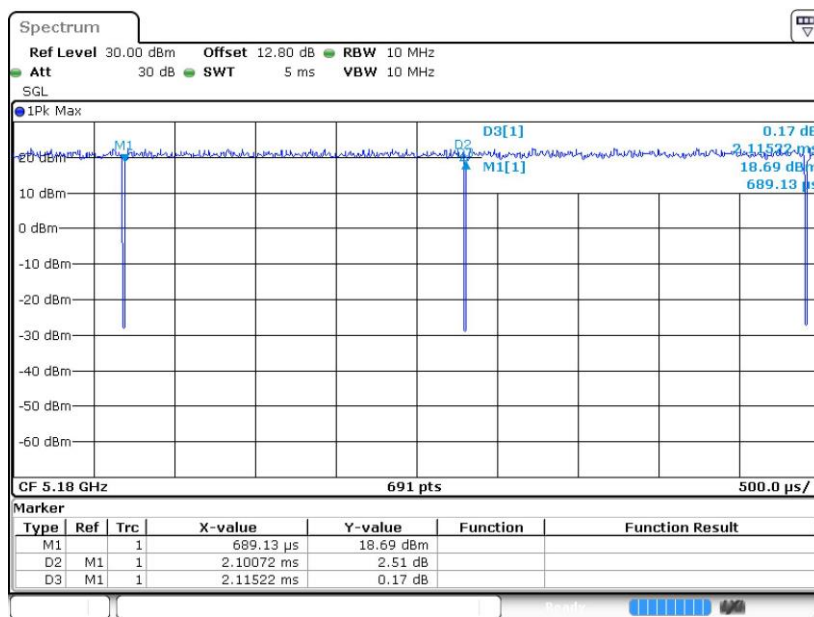
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n40 Tx_Ch03+1 1ax40_Tx_ Ch62+LTE Band48 Link		4844	44.51	-29.49	74	50.8	33.8	12.03	52.12	-	-	P	H
		7266	47.13	-26.87	74	49.05	35.76	14.14	51.82	-	-	P	H
		7332	45.82	-28.18	74	47.64	35.77	14.18	51.77	-	-	P	H
		10620	47.07	-26.93	74	45.07	37.57	15.6	51.17	-	-	P	H
		10998	47.56	-26.44	74	44.67	37.8	16.49	51.4	-	-	P	H
		14664	47.61	-20.69	68.3	43.41	39.26	17.34	52.4	-	-	P	H
		15930	47.13	-26.87	74	42.08	40.44	17.99	53.38	-	-	P	H
		4844	44.91	-29.09	74	51.2	33.8	12.03	52.12	-	-	P	V
		7266	47.64	-26.36	74	49.56	35.76	14.14	51.82	-	-	P	V
		7332	45.76	-28.24	74	47.58	35.77	14.18	51.77	-	-	P	V
		10620	47.91	-26.09	74	45.91	37.57	15.6	51.17	-	-	P	V
		10998	47.37	-26.63	74	44.48	37.8	16.49	51.4	-	-	P	V
		14664	47.17	-21.13	68.3	42.97	39.26	17.34	52.4	-	-	P	V
		15930	47.29	-26.71	74	42.24	40.44	17.99	53.38	-	-	P	V
Remark		1. No other spurious found.											
		2. All results are PASS against Peak and Average limit line.											

Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	99.31	-	-	10Hz
802.11n HT20	100	-	-	10Hz
802.11n HT40	100	-	-	10Hz
802.11ac VHT80	100	-	-	10Hz
802.11ac VHT160	100	-	-	10Hz
802.11ax HE20	100	-	-	10Hz
802.11ax HE40	100	-	-	10Hz
802.11ax HE80	100	-	-	10Hz
802.11ax HE160	100	-	-	10Hz

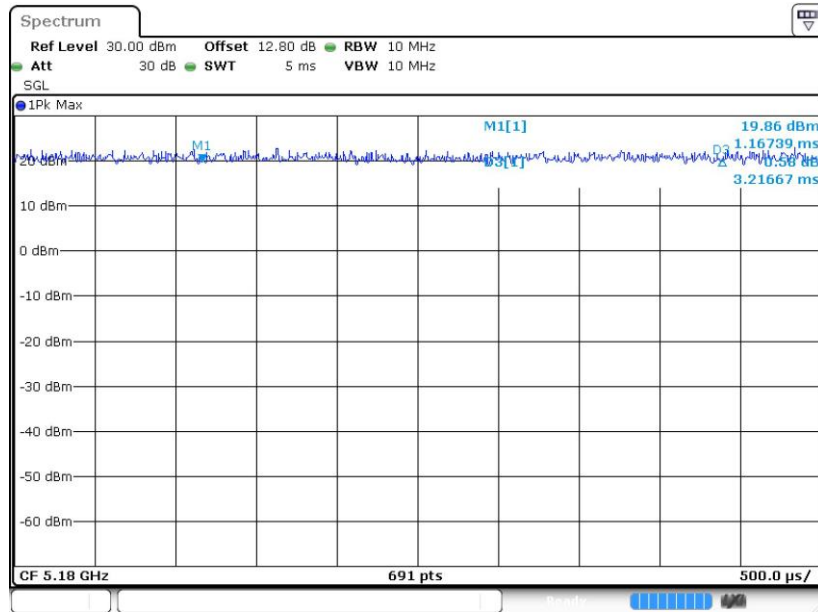
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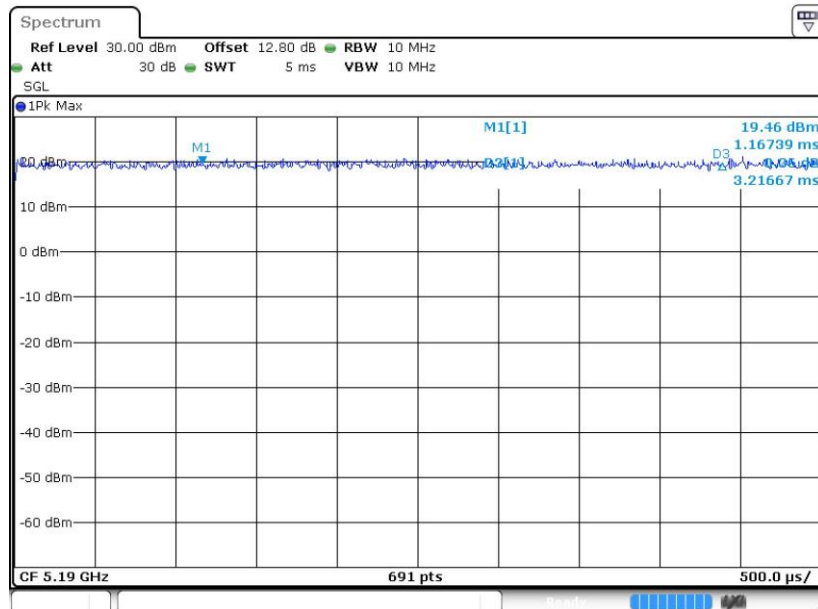


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Date: 29.OCT.2021 15:55:09

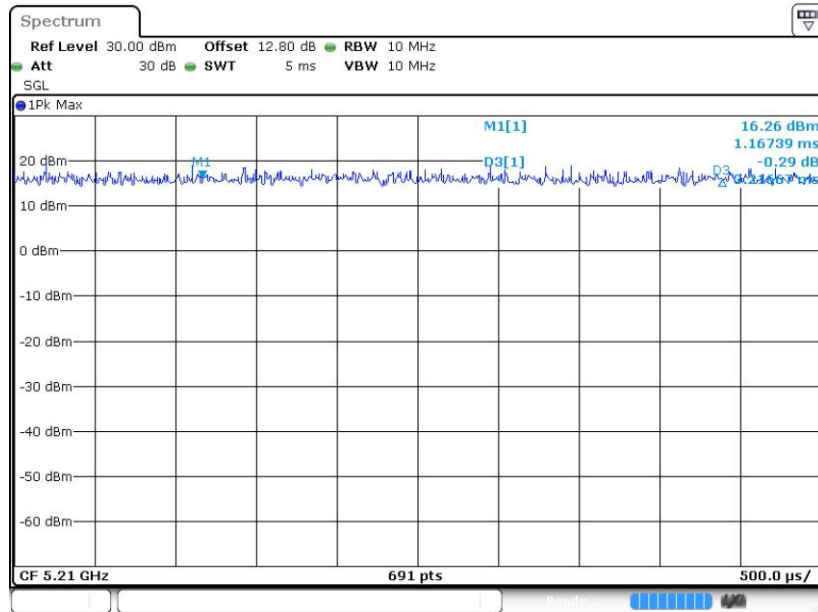
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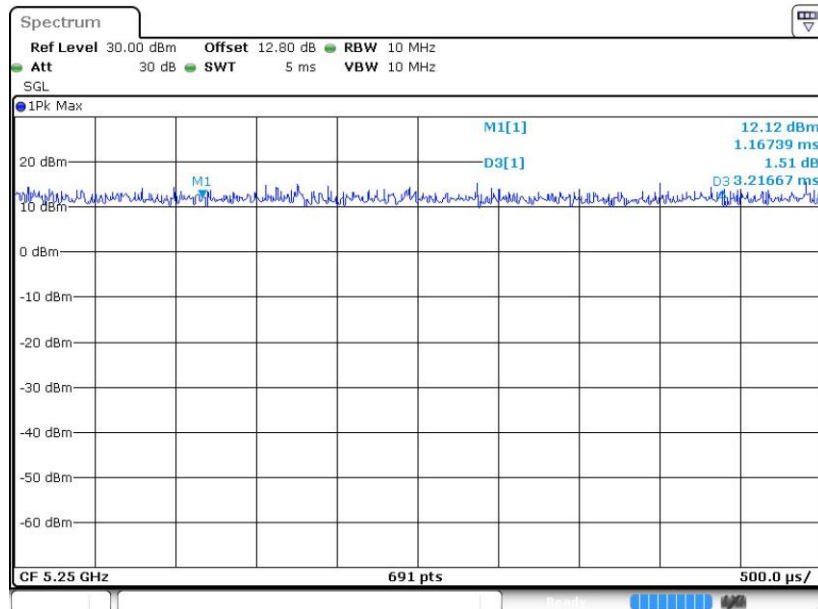


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Date: 29.OCT.2021 15:51:06

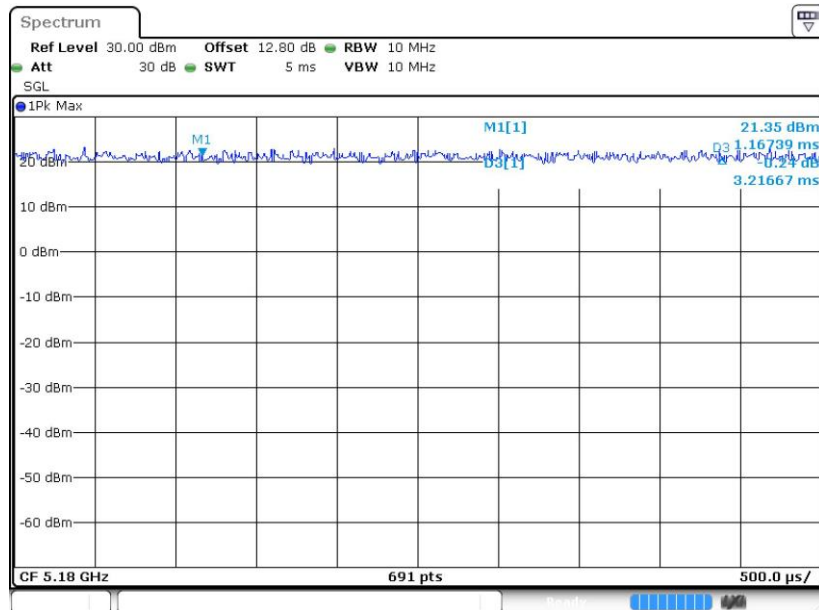
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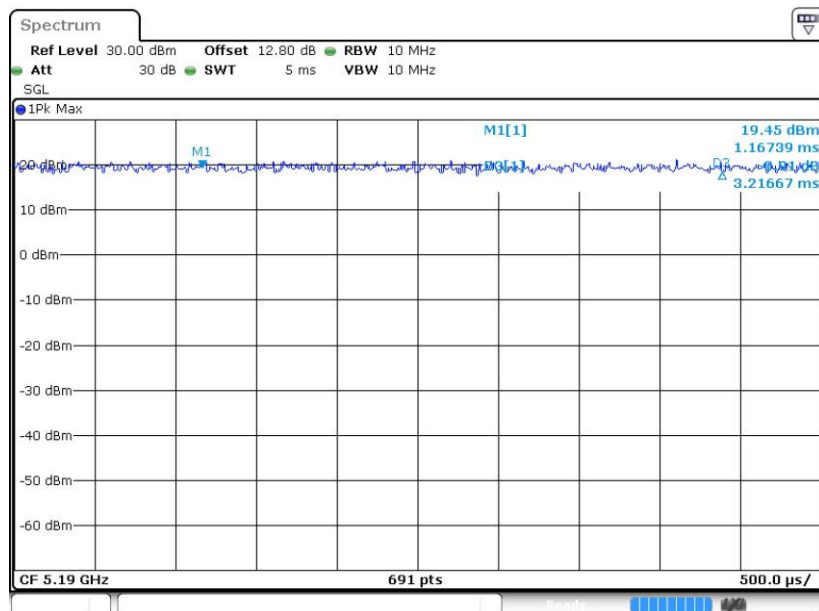


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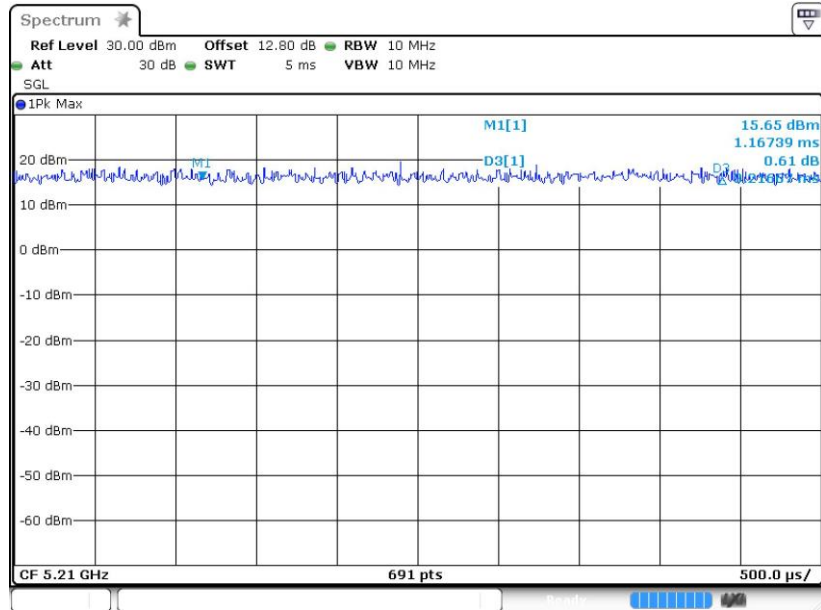
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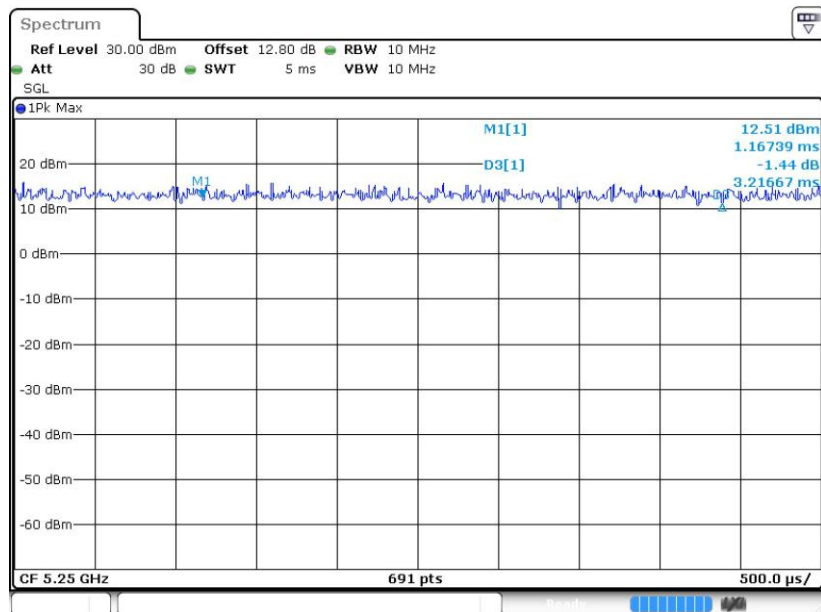
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Date: 29.OCT.2021 15:50:11

802.11ax HE160



Date: 29.OCT.2021 15:49:33