FCC RF Test Report

APPLICANT	:	Motorola Mobility LLC
EQUIPMENT	:	Mobile Cellular Phone
BRAND NAME	:	Motorola
MODEL NAME	:	XT2141-2
FCC ID	:	IHDT56ZP2
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	Jun. 08, 2021 ~ Jul. 01, 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

ACCREDITED Cert #5145.01

Sporton International (ShenZhen) Inc.

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

People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR151701-01E	Rev. 01	Initial issue of report	Jul. 09, 2021

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	N/A	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 3.03 dB at 5350.080 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 17.69 dB at 0.300 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
3.7	15.203 & 15.407(a)	Antenna Requirement	N/A	N/A	-

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

1 General Description

1.1 Applicant

Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.2 Manufacturer

Motorola Mobility LLC
222 W,Merchandise Mart Plaza, Chicago IL 60654 USA

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	XT2141-2
FCC ID	IHDT56ZP2
EUT supports Radios application	GSM/WCDMA/LTE/5G NR WLAN 2.4GHz 802.11b/g/n HT20 WLAN 2.4GHz 802.11ac/ax VHT20/HE20 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80/VHT160 WLAN 5GHz 802.11ax HE20/HE40/HE80/HE160 WLAN 6GHz 802.11a/n HT20/HT40 WLAN 6GHz 802.11ac VHT20/VHT40/VHT80/VHT160 WLAN 6GHz 802.11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE NFC and GNSS
IMEI Code	Conducted: 354398490012366 Conduction: 354398490013232 Radiation: 354398490013265
HW Version	DVT2
SW Version	RRM31.43
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 ~ 5250 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5700 MHz
Maximum Output Power to Antenna	**<5180 MHz ~ 5250 MHz>** 802.11a : 20.11 dBm / 0.1026 W 802.11n HT20 : 19.75 dBm / 0.0944 W 802.11n HT40 : 19.48 dBm / 0.0887 W 802.11ac VHT20 : 19.68 dBm / 0.0929 W 802.11ac VHT40 : 19.41 dBm / 0.0873 W 802.11ac VHT80 : 18.54 dBm / 0.0714 W 802.11ac VHT160 : 17.41 dBm / 0.0551 W 802.11ax HE20 : 19.95 dBm / 0.0989 W 802.11ax HE 40 : 19.18 dBm / 0.0828 W 802.11ax HE 80 : 18.51 dBm / 0.0710 W 802.11ax HE 160 : 17.48 dBm / 0.0560 W **<5260 MHz ~ 5320 MHz>** 802.11a : 20.17 dBm / 0.1040 W 802.11n HT20 : 19.80 dBm / 0.0955 W 802.11n HT40 : 19.62 dBm / 0.0916 W 802.11ac VHT20 : 19.73 dBm / 0.0940 W 802.11ac VHT40 : 19.55 dBm / 0.0902 W 802.11ac VHT80 : 18.48 dBm / 0.0705 W 802.11ax HE20 : 20.03 dBm / 0.1007 W 802.11ax HE 40 : 19.28 dBm / 0.0847 W 802.11ax HE 80 : 18.42 dBm / 0.0695 W **<5500 MHz ~ 5700 MHz >** 802.11a : 20.38 dBm / 0.1091 W 802.11n HT20 : 20.00 dBm / 0.1000 W 802.11n HT40 : 19.76 dBm / 0.0946 W 802.11ac VHT20 : 19.93 dBm / 0.0984 W 802.11ac VHT40 : 19.69 dBm / 0.0931 W 802.11ac VHT80 : 18.63 dBm / 0.0729 W 802.11ax HE20 : 20.20 dBm / 0.1047 W 802.11ax HE 40 : 19.46 dBm / 0.0883 W 802.11ax HE 80 : 18.58 dBm / 0.0721 W
99% Occupied Bandwidth	**<5180 MHz ~ 5250 MHz>** 802.11a : 16.93 MHz 802.11n HT20 : 19.88 MHz 802.11n HT40 : 36.16 MHz 802.11ac VHT80 : 74.93 MHz 802.11ac VHT160 : 153.93 MHz 802.11ax HE20 : 19.38 MHz 802.11ax HE40 : 37.86 MHz 802.11ax HE80 : 76.72 MHz 802.11ax HE160 : 154.65 MHz **<5260 MHz ~ 5320 MHz>** 802.11a : 16.88 MHz 802.11n HT20 : 18.03 MHz 802.11n HT40 : 36.16 MHz 802.11ac VHT80 : 75.04 MHz 802.11ax HE20 : 19.33 MHz 802.11ax HE40 : 37.86 MHz 802.11ax HE80 : 76.84 MHz

<table>
<tr><td></td><td><5500 MHz ~ 5700 MHz >
802.11a : 16.98 MHz
802.11n HT20 : 18.13 MHz
802.11n HT40 : 36.16 MHz
802.11ac VHT80 : 74.93 MHz
802.11ax HE20 : 19.48 MHz
802.11ax HE 40 : 37.96 MHz
802.11ax HE 80 : 76.72 MHz</td></tr>
<tr><td>Antenna Type / Gain</td><td><5180 MHz ~ 5250 MHz >
<Ant. 1> : PIFA Antenna with gain -3.71 dBi
<Ant. 2> : PIFA Antenna with gain -5.64 dBi
<5260 MHz ~ 5320 MHz >
<Ant. 1> : PIFA Antenna with gain -2.11 dBi
<Ant. 2> : PIFA Antenna with gain -2.82 dBi
<5500 MHz ~ 5700 MHz >
<Ant. 1> : PIFA Antenna with gain -2.83 dBi
<Ant. 2> : PIFA Antenna with gain -5.36 dBi</td></tr>
<tr><td>Type of Modulation</td><td>802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)
802.11ac/ax : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM/1024)QAM</td></tr>
<tr><td>Antenna Function Description</td><td><table><tr><td></td><td>Ant. 1</td><td>Ant. 2</td></tr><tr><td>802.11 a/n/ac/ax MIMO</td><td>V</td><td>V</td></tr></table></td></tr>
</table>

Note:

1. WLAN operation in 5600 MHz ~ 5650 MHz is notched.
2. 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.
3. The EUT supports for MIMO mode only.

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.**
	03CH03-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a
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.

1.9 Specification of Accessory

Specification of Accessory				
AC Adapter 1	**Brand Name**	Motorola (Salom)	**Model Name**	MC-301
AC Adapter 2	**Brand Name**	Motorola (Acbel)	**Model Name**	MC-301
Battery	**Brand Name**	Motorola (ATL)	**Model Name**	MB50
USB Cable 1	**Brand Name**	Motorola (Luxshare)	**Model Name**	SC18D13217
USB Cable 2	**Brand Name**	Motorola (Saibao)	**Model Name**	SC18D13215
USB Cable 3	**Brand Name**	Motorola (Cabletech)	**Model Name**	SC18D13216

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 (Z plane) were recorded in this report.

b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5180-5250 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)
5260-5320 MHz U-NII-2A	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5500-5700 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)
Straddle Channel	50$	5250		

Note:

1. The above Frequency and Channel in "*" were 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel in "#" were 802.11ac VHT80 and 802.11ax HE80.
3. The above Frequency and Channel in "$" were 802.11ac VHT160 and 802.11ax HE160.

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

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

Ch. #		U-NII-1：5180-5250 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5700MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		U-NII-1：5180-5250 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5700MHz
		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-1：5180-5250 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5700MHz
		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-1：5180-5250 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5700MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	-
M	Middle	42	58	106
H	High	-	-	-

Ch. #		U-NII-1：5150-5250 MHz
		802.11ac VHT160
L	Low	-
M	Middle	50
H	High	-

Ch. #		U-NII-1：5180-5250 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5700MHz
		802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

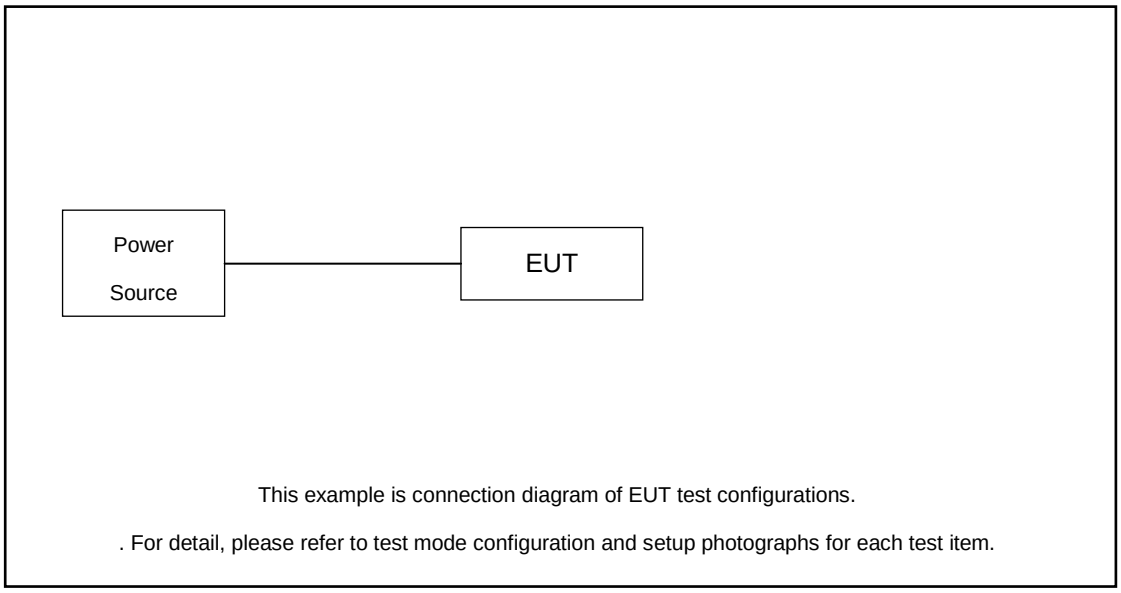
Ch. #		U-NII-1：5180-5250 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5700MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134

Ch. #		U-NII-1：5180-5250 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5700MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	-
M	Middle	42	58	106
H	High	-	-	-

Ch. #		U-NII-1：5180-5250 MHz
		802.11ax HE160
L	Low	-
M	Middle	50
H	High	-

2.3 Connection Diagram of Test System

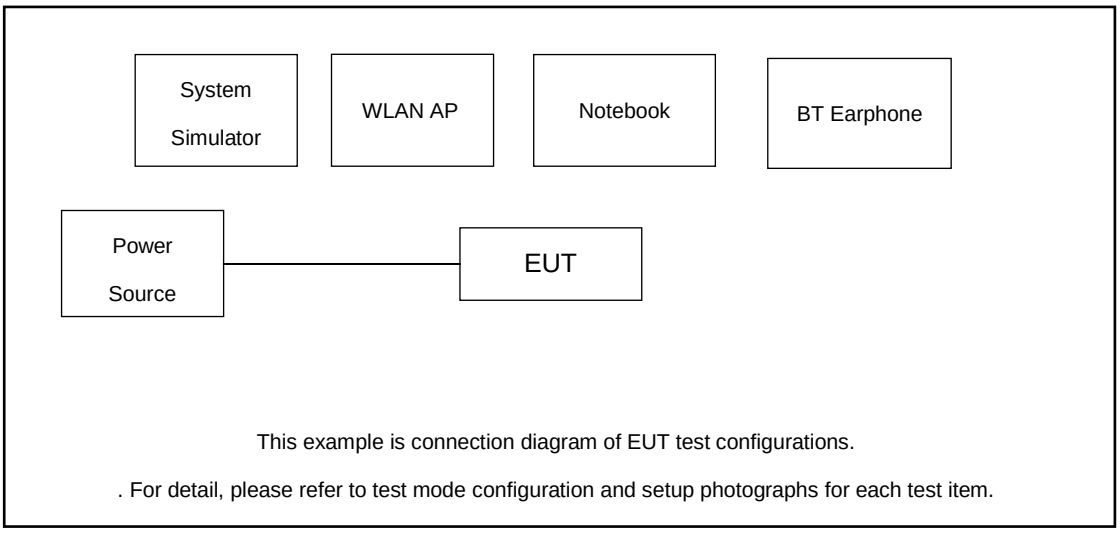
For Radiated Emission



This example is connection diagram of EUT test configurations.

. For detail, please refer to test mode configuration and setup photographs for each test item.

For Conducted Emission



This example is connection diagram of EUT test configurations.

. For detail, please refer to test mode configuration and setup photographs for each test item.

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	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	Bluetooth Earphone	Samsung	EO-MG900	N/A	N/A	N/A
3.	Notebook	Lenovo	E540	FCC DoC	N/A	AC I/P Unshielded,1.2m DC O/P : Shielded, 1.8m
4.	WLAN AP	D-Link	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 4.70 dB and 20dB attenuator.

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

=4.70 + 20 = 24.70(dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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-1 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

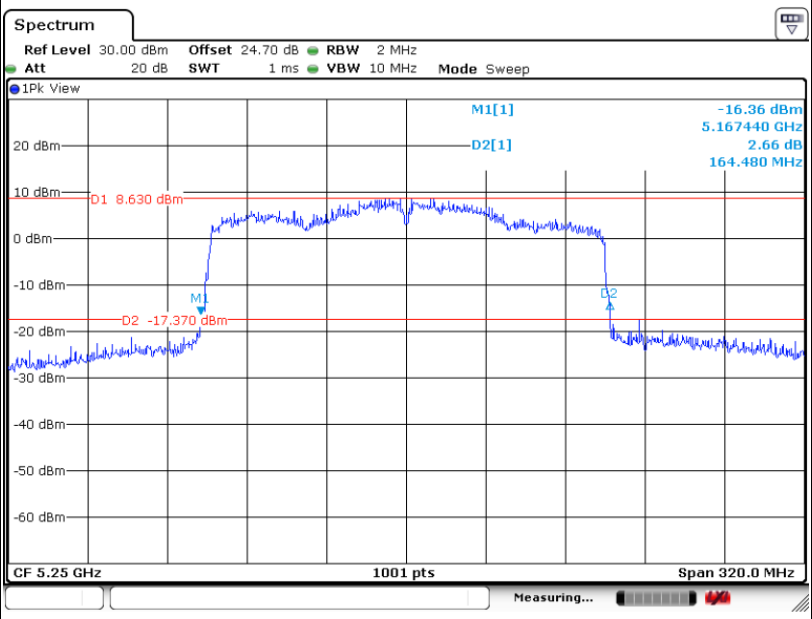
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB 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) ≥ 3 * RBW.
8. Measure and record the results in the test report.

3.1.4 Test Setup

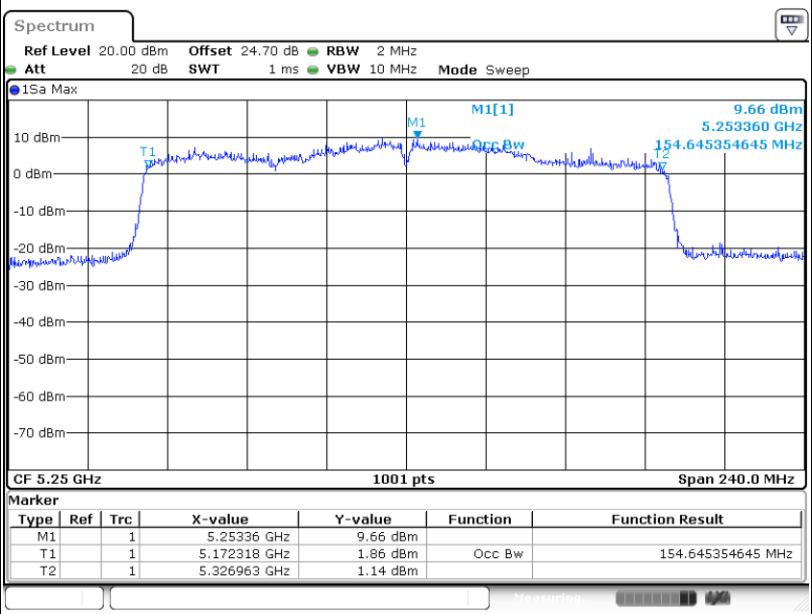
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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 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-1 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

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

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

3.2.2 Measuring Instruments

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

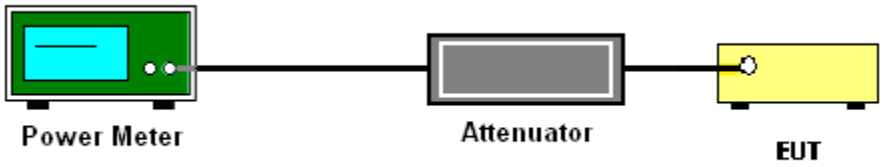
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11dBm in any 1 megahertz band.

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

For Straddle Channel, According to KDB 789033 D02 General UNII Test Procedures New Rules v02r01, If the power and PSD of the devices are uniform and comply with the lower limits specified for the U-NII-1 bands, a single measurement over the entire emission bandwidth can be performed to show compliance.

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section F) Maximum power spectral density.

 # Method SA-2 #

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

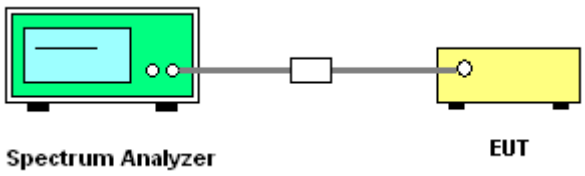
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x),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

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

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

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

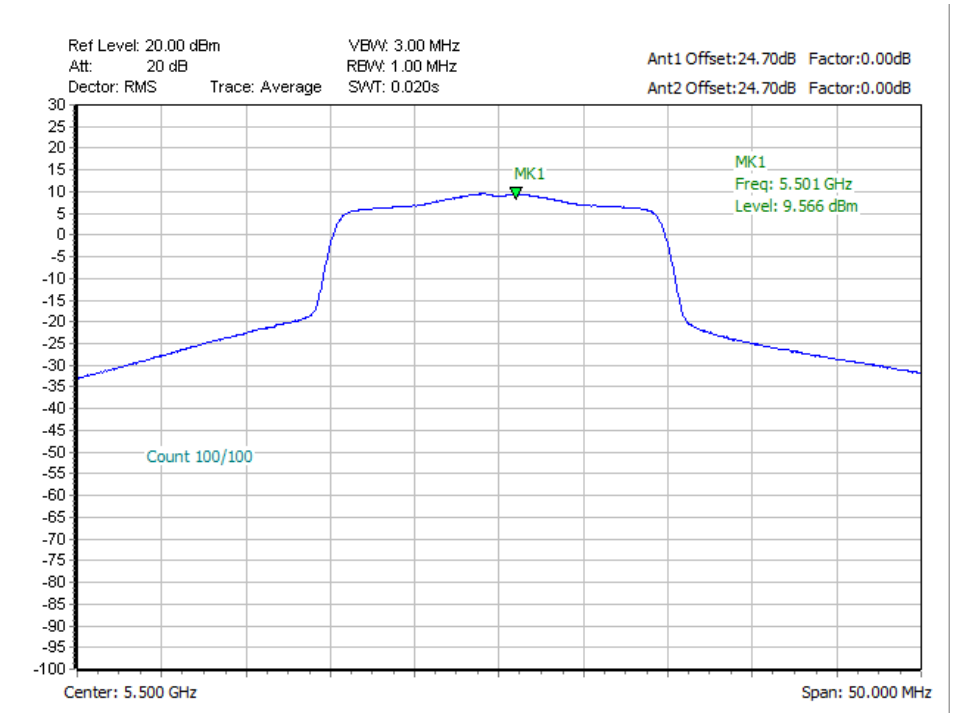
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



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.

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

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

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

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

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

where

EIRP is the equivalent isotropically radiated power, in dBm

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

d_{Meas} is the measurement distance, in m

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

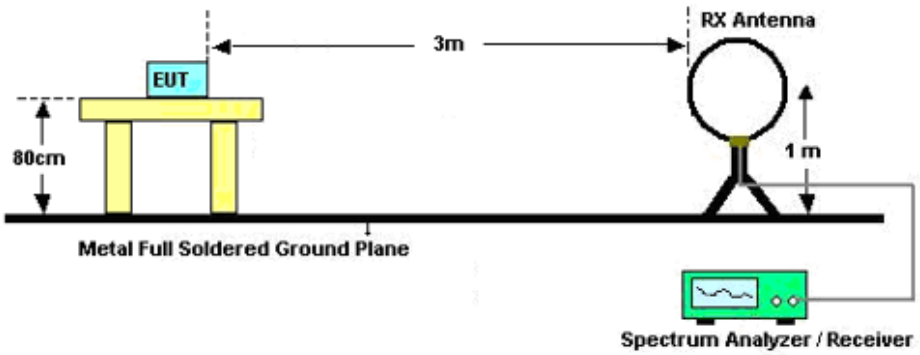
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

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

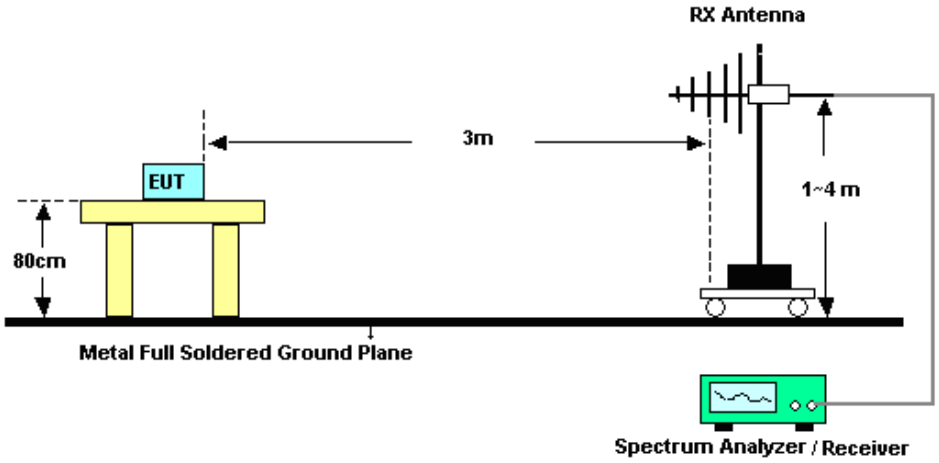
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

3.4.4 Test Setup

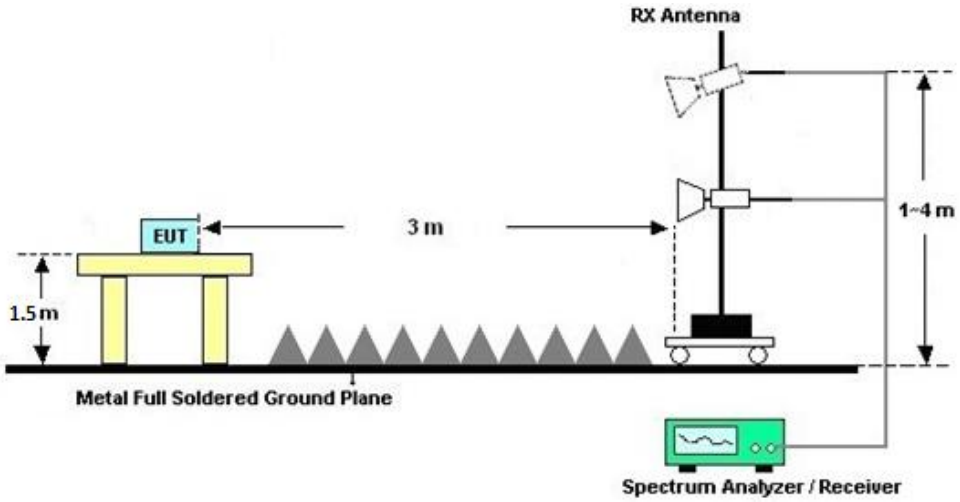
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

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

*Decreases with the logarithm of the frequency.

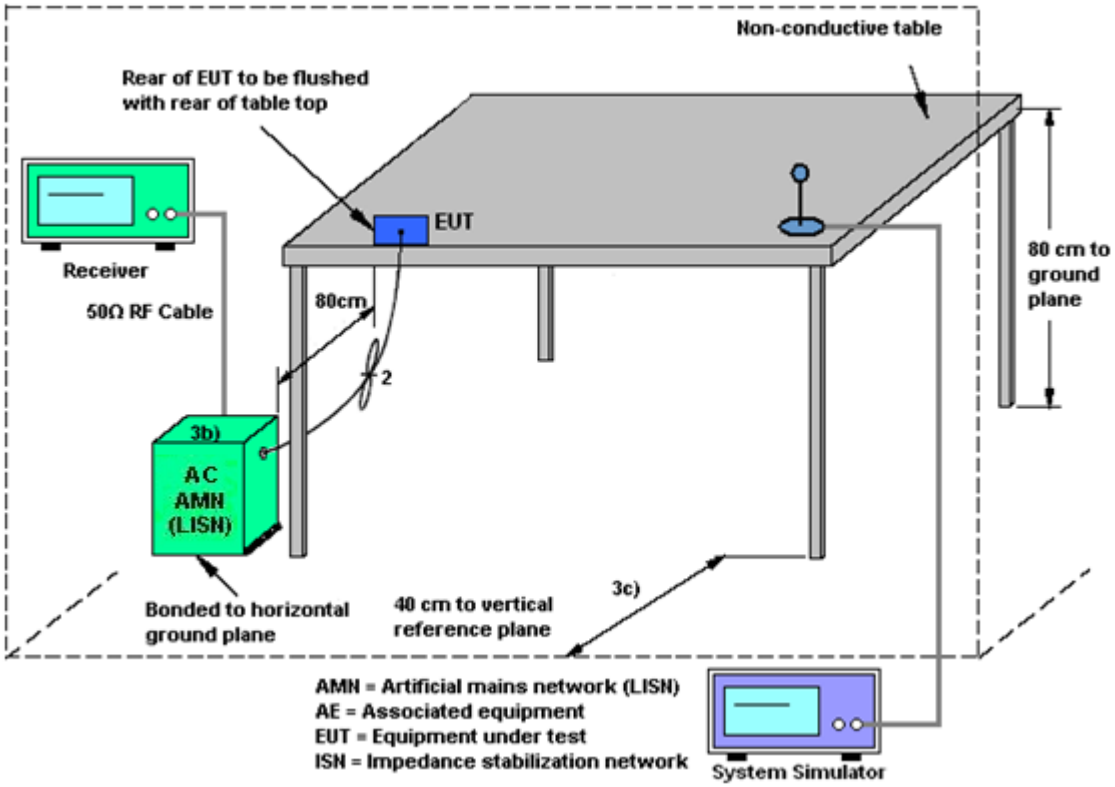
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

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

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

Array Gain = 10 log(NANT/NSS=1) dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for NANT ≤ 4.

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

The EUT supports CDD mode.

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

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

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

The directional gain “DG” is calculated as following table.

<CDD Modes>

	Ant. 1 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-3.71	-5.64	-3.71	-1.61	0.00	0.00
Band II	-2.11	-2.82	-2.11	0.55	0.00	0.00
Band III	-2.83	-5.36	-2.83	-0.99	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
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Mar. 07, 2021	Jun. 08, 2021	Mar. 06, 2022	Conduction (CO01-SZ)
AC LISN	EMCO	3816/2 LISN	00103912	9kHz~30MHz	Dec. 25, 2020	Jun. 08, 2021	Dec. 24, 2021	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 15, 2020	Jun. 08, 2021	Oct. 14, 2021	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Jul. 21, 2020	Jun. 08, 2021	Jul. 20, 2021	Conduction (CO01-SZ)
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 08, 2021	Jun. 11, 2021~ Jun. 25, 2021	Apr. 07, 2022	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1207253	30MHz~40GHz	Dec. 25, 2020	Jun. 11, 2021~ Jun. 25, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Dec. 25, 2020	Jun. 11, 2021~ Jun. 25, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
EMI Test Receiver&SA	KEYSIGHT	N9038A	MY54450083	20Hz~8.4GHz	Apr. 17, 2021	Jul. 01, 2021	Apr. 16, 2022	Radiation (03CH03-SZ)
EXA Spectrum Anaiyzer	KEYSIGHT	N9010A	MY55150246	10Hz~44GHz;	Apr. 17, 2021	Jul. 01, 2021	Apr. 16, 2022	Radiation (03CH03-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jun. 22, 2021	Jul. 01, 2021	Jun. 21, 2022	Radiation (03CH03-SZ)
Bilog Antenna	TESEQ	CBL6112D	23183	25MHz~2GHz	Jan. 07, 2021	Jul. 01, 2021	Jan. 06, 2022	Radiation (03CH03-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1355	1GHz~18GHz	Apr. 25, 2021	Jul. 01, 2021	Apr. 24, 2022	Radiation (03CH03-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 23, 2021	Jul. 01, 2021	Apr. 22, 2022	Radiation (03CH03-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz ~3000MHz	Oct. 17, 2020	Jul. 01, 2021	Oct. 16, 2021	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 16, 2020	Jul. 01, 2021	Oct. 15, 2021	Radiation (03CH03-SZ)
Amplifier	Agilent Technologies	83017A	MY39501302	500MHz~26.5GHz	Dec. 25, 2020	Jul. 01, 2021	Dec. 24, 2021	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 21, 2020	Jul. 01, 2021	Jul. 20, 2021	Radiation (03CH03-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	NCR	Jul. 01, 2021	NCR	Radiation (03CH03-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jul. 01, 2021	NCR	Radiation (03CH03-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jul. 01, 2021	NCR	Radiation (03CH03-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**

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.9dB**

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

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

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

Appendix A. Conducted Test Results

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Zhang Xue Yi	Temperature:	21~25	°C
Test Date:	2021/6/11-2021/6/25	Relative Humidity:	51~54	%

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TEST RESULTS DATA
26dB and 99% OBW

U-NII-1													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	16.78	16.88	20.35	20.15	-		22.25			
11a	6Mbps	2	44	5220	16.78	16.88	20.50	20.20	-		22.25			
11a	6Mbps	2	48	5240	16.78	16.93	20.50	20.00	-		22.25			
HT20	MCS0	2	36	5180	17.98	17.93	21.95	21.30	-		22.54			
HT20	MCS0	2	44	5220	18.03	17.98	21.60	21.30	-		22.55			
HT20	MCS0	2	48	5240	17.98	19.88	21.80	21.35	-		22.55			
HT40	MCS0	2	38	5190	36.16	36.06	40.68	40.41	-		23.01			
HT40	MCS0	2	46	5230	36.16	36.06	40.50	40.41	-		23.01			
VHT80	MCS0	2	42	5210	74.93	74.81	81.28	80.64	-		23.01			
VHT160	MCS0	2	50	5250	153.93	153.21	163.76	162.48	-		23.01			
HE20	MCS0	2	36	5180	19.38	19.28	22.35	22.45	-		22.85			
HE20	MCS0	2	44	5220	19.28	19.28	22.25	22.50	-		22.85			
HE20	MCS0	2	48	5240	19.28	19.38	22.35	22.55	-		22.85			
HE40	MCS0	2	38	5190	37.76	37.86	41.04	41.31	-		23.01			
HE40	MCS0	2	46	5230	37.76	37.76	41.67	41.22	-		23.01			
HE80	MCS0	2	42	5210	76.72	76.72	81.76	81.28	-		23.01			
HE160	MCS0	2	50	5250	154.65	154.41	164.48	163.44	-		23.01			

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TEST RESULTS DATA
Average Power Table

FCC U-NII-1																
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	17.40	16.59	20.02	24.00		-3.71			Pass
11a	6Mbps	2	44	Full	5220	0.03	0.03	17.54	16.62	20.11	24.00		-3.71			Pass
11a	6Mbps	2	48	Full	5240	0.03	0.03	17.27	16.55	19.94	24.00		-3.71			Pass
HT20	MCS0	2	36	Full	5180	0.00	0.00	17.06	16.22	19.67	24.00		-3.71			Pass
HT20	MCS0	2	44	Full	5220	0.00	0.00	17.16	16.28	19.75	24.00		-3.71			Pass
HT20	MCS0	2	48	Full	5240	0.00	0.00	16.98	16.21	19.62	24.00		-3.71			Pass
HT40	MCS0	2	38	Full	5190	0.00	0.00	16.76	16.02	19.42	24.00		-3.71			Pass
HT40	MCS0	2	46	Full	5230	0.00	0.00	16.89	16.00	19.48	24.00		-3.71			Pass
VHT20	MCS0	2	36	Full	5180	0.00	0.00	16.99	16.15	19.60	24.00		-3.71			Pass
VHT20	MCS0	2	44	Full	5220	0.00	0.00	17.09	16.21	19.68	24.00		-3.71			Pass
VHT20	MCS0	2	48	Full	5240	0.00	0.00	16.91	16.14	19.55	24.00		-3.71			Pass
VHT40	MCS0	2	38	Full	5190	0.00	0.00	16.69	15.95	19.35	24.00		-3.71			Pass
VHT40	MCS0	2	46	Full	5230	0.00	0.00	16.82	15.93	19.41	24.00		-3.71			Pass
VHT80	MCS0	2	42	Full	5210	0.00	0.00	16.14	14.82	18.54	24.00		-3.71			Pass
VHT160	MCS0	2	50	Full	5250	0.00	0.00	15.32	13.24	17.41	24.00		-3.71			Pass
HE20	MCS0	2	36	Full	5180	0.00	0.00	17.42	16.25	19.88	24.00		-3.71			Pass
				26/0		0.00	0.00	8.63	9.38	12.03	24.00		-3.71			Pass
				52/37		0.00	0.00	11.73	11.82	14.79	24.00		-3.71			Pass
				106/53		0.00	0.00	14.92	14.86	17.90	24.00		-3.71			Pass
			44	Full	5220	0.00	0.00	17.47	16.34	19.95	24.00		-3.71			Pass
			48	Full	5240	0.00	0.00	17.32	16.23	19.82	24.00		-3.71			Pass
				26/8		0.00	0.00	8.06	8.55	11.32	24.00		-3.71			Pass
				52/40		0.00	0.00	11.11	11.67	14.41	24.00		-3.71			Pass
				106/54		0.00	0.00	14.27	14.62	17.46	24.00		-3.71			Pass
HE40	MCS0	2	38	Full	5190	0.00	0.00	16.63	15.53	19.13	24.00		-3.71			Pass
				242/61		0.00	0.00	14.66	14.77	17.73	24.00		-3.71			Pass
			46	Full	5230	0.00	0.00	16.68	15.58	19.18	24.00		-3.71			Pass
				242/62		0.00	0.00	14.11	14.63	17.39	24.00		-3.71			Pass
HE80	MCS0	2	42	Full	5210	0.00	0.00	16.08	14.83	18.51	24.00		-3.71			Pass
				484/65		0.00	0.00	14.08	14.10	17.10	24.00		-3.71			Pass
				484/66		0.00	0.00	11.67	11.52	14.61	24.00		-3.71			Pass
HE160	MCS0	2	50	Full	5250	0.00	0.00	15.41	13.27	17.48	24.00		-3.71			Pass
				996/67		0.00	0.00	11.30	12.16	14.76	24.00		-3.71			Pass
				996/S67		0.00	0.00	13.75	12.37	16.12	24.00		-3.71			Pass

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TEST RESULTS DATA
Power Spectral Density

FCC U-NII-1																
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	36	Full	5180	0.03	0.03			8.98	11.00		-1.61			Pass
11a	6Mbps	2	44	Full	5220	0.03	0.03			8.97	11.00		-1.61			Pass
11a	6Mbps	2	48	Full	5240	0.03	0.03			8.84	11.00		-1.61			Pass
HT20	MCS0	2	36	Full	5180	0.00	0.00			8.22	11.00		-1.61			Pass
HT20	MCS0	2	44	Full	5220	0.00	0.00			8.25	11.00		-1.61			Pass
HT20	MCS0	2	48	Full	5240	0.00	0.00			8.10	11.00		-1.61			Pass
HT40	MCS0	2	38	Full	5190	0.00	0.00			5.20	11.00		-1.61			Pass
HT40	MCS0	2	46	Full	5230	0.00	0.00			5.25	11.00		-1.61			Pass
VHT80	MCS0	2	42	Full	5210	0.00	0.00			2.00	11.00		-1.61			Pass
VHT160	MCS0	2	50	Full	5250	0.00	0.00			-2.51	11.00		-1.61			Pass
HE20	MCS0	2	36	Full	5180	0.00	0.00			9.44	11.00		-1.61			Pass
				26/0		0.00	0.00			9.34	11.00		-1.61			Pass
				52/37		0.00	0.00			9.09	11.00		-1.61			Pass
				106/53		0.00	0.00			9.22	11.00		-1.61			Pass
HE20	MCS0	2	44	Full	5220	0.00	0.00			9.50	11.00		-1.61			Pass
HE20	MCS0	2	48	Full	5240	0.00	0.00			9.15	11.00		-1.61			Pass
				26/8		0.00	0.00			8.78	11.00		-1.61			Pass
				52/40		0.00	0.00			8.81	11.00		-1.61			Pass
				106/54		0.00	0.00			8.77	11.00		-1.61			Pass
HE40	MCS0	2	38	Full	5190	0.00	0.00			5.82	11.00		-1.61			Pass
				242/61		0.00	0.00			5.52	11.00		-1.61			Pass
HE40	MCS0	2	46	Full	5230	0.00	0.00			5.61	11.00		-1.61			Pass
				242/62		0.00	0.00			5.24	11.00		-1.61			Pass
HE80	MCS0	2	42	Full	5210	0.00	0.00			2.66	11.00		-1.61			Pass
				484/65		0.00	0.00			1.92	11.00		-1.61			Pass
				484/66		0.00	0.00			2.06	11.00		-1.61			Pass
HE160	MCS0	2	50	Full	5250	0.00	0.00			-1.75	11.00		-1.61			Pass
				996/67		0.00	0.00			-1.96	11.00		-1.61			Pass
				996/S67		0.00	0.00			-2.38	11.00		-1.61			Pass

Report Number : FR151701-01E

TEST RESULTS DATA
26dB and 99% OBW

U-NII-2A															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					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	16.78	16.88	20.50	20.15	23.25		29.25		23.98		
11a	6Mbps	2	60	5300	16.78	16.88	20.40	20.10	23.25		29.25		23.98		
11a	6Mbps	2	64	5320	16.78	16.88	20.70	20.10	23.25		29.25		23.98		
HT20	MCS0	2	52	5260	17.98	17.98	21.65	21.30	23.55		29.55		23.98		
HT20	MCS0	2	60	5300	18.03	17.98	21.95	21.75	23.55		29.55		23.98		
HT20	MCS0	2	64	5320	18.03	17.98	21.85	21.30	23.55		29.55		23.98		
HT40	MCS0	2	54	5270	36.16	35.96	40.68	40.32	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.16	36.06	40.86	40.41	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	75.04	74.93	82.24	80.80	23.98		30.00		23.98		
HE20	MCS0	2	52	5260	19.28	19.33	22.35	22.40	23.85		29.85		23.98		
HE20	MCS0	2	60	5300	19.28	19.33	22.40	22.50	23.85		29.85		23.98		
HE20	MCS0	2	64	5320	19.33	19.33	22.15	22.65	23.86		29.86		23.98		
HE40	MCS0	2	54	5270	37.76	37.86	41.22	41.22	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	37.86	37.76	41.22	41.13	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	76.84	76.72	82.08	81.92	23.98		30.00		23.98		

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TEST RESULTS DATA
Average Power Table

FCC U-NII-2A																	
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	17.36	16.74	20.07	23.98		-2.11		26.99	Pass
11a	6Mbps	2	60	Full	5300	0.03	0.03	17.04	17.09	20.08	23.98		-2.11		26.99	Pass
11a	6Mbps	2	64	Full	5320	0.03	0.03	17.17	17.14	20.17	23.98		-2.11		26.99	Pass
HT20	MCS0	2	52	Full	5260	0.00	0.00	17.04	16.38	19.73	23.98		-2.11		26.99	Pass
HT20	MCS0	2	60	Full	5300	0.00	0.00	16.68	16.73	19.72	23.98		-2.11		26.99	Pass
HT20	MCS0	2	64	Full	5320	0.00	0.00	16.82	16.75	19.80	23.98		-2.11		26.99	Pass
HT40	MCS0	2	54	Full	5270	0.00	0.00	16.84	16.13	19.51	23.98		-2.11		26.99	Pass
HT40	MCS0	2	62	Full	5310	0.00	0.00	16.68	16.53	19.62	23.98		-2.11		26.99	Pass
VHT20	MCS0	2	52	Full	5260	0.00	0.00	16.97	16.31	19.66	23.98		-2.11		26.99	Pass
VHT20	MCS0	2	60	Full	5300	0.00	0.00	16.61	16.66	19.65	23.98		-2.11		26.99	Pass
VHT20	MCS0	2	64	Full	5320	0.00	0.00	16.75	16.68	19.73	23.98		-2.11		26.99	Pass
VHT40	MCS0	2	54	Full	5270	0.00	0.00	16.77	16.06	19.44	23.98		-2.11		26.99	Pass
VHT40	MCS0	2	62	Full	5310	0.00	0.00	16.61	16.46	19.55	23.98		-2.11		26.99	Pass
VHT80	MCS0	2	58	Full	5290	0.00	0.00	15.62	15.32	18.48	23.98		-2.11		26.99	Pass
HE20	MCS0	2	52	Full	5260	0.00	0.00	17.32	16.42	19.90	23.98		-2.11		26.99	Pass
				26/0		0.00	0.00	8.58	8.47	11.54	23.98		-2.11		26.99	Pass
				52/37		0.00	0.00	11.54	11.07	14.32	23.98		-2.11		26.99	Pass
				106/53		0.00	0.00	14.23	14.30	17.28	23.98		-2.11		26.99	Pass
			60	Full	5300	0.00	0.00	17.06	16.75	19.92	23.98		-2.11		26.99	Pass
			64	Full	5320	0.00	0.00	17.21	16.82	20.03	23.98		-2.11		26.99	Pass
				26/8		0.00	0.00	8.30	8.10	11.21	23.98		-2.11		26.99	Pass
				52/40		0.00	0.00	11.40	11.11	14.27	23.98		-2.11		26.99	Pass
				106/54		0.00	0.00	14.32	14.16	17.25	23.98		-2.11		26.99	Pass
HE40	MCS0	2	54	Full	5270	0.00	0.00	16.64	15.62	19.17	23.98		-2.11		26.99	Pass
				242/61		0.00	0.00	14.53	13.67	17.13	23.98		-2.11		26.99	Pass
			62	Full	5310	0.00	0.00	16.48	16.05	19.28	23.98		-2.11		26.99	Pass
				242/62		0.00	0.00	13.73	13.83	16.79	23.98		-2.11		26.99	Pass
HE80	MCS0	2	58	Full	5290	0.00	0.00	15.57	15.24	18.42	23.98		-2.11		26.99	Pass
				484/65		0.00	0.00	14.74	14.95	17.86	23.98		-2.11		26.99	Pass
				484/66		0.00	0.00	12.17	12.34	15.27	23.98		-2.11		26.99	Pass

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TEST RESULTS DATA
Power Spectral Density

U-NII-2A																
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			8.98	11.00		0.55			Pass
11a	6Mbps	2	60	Full	5300	0.03	0.03			9.05	11.00		0.55			Pass
11a	6Mbps	2	64	Full	5320	0.03	0.03			9.17	11.00		0.55			Pass
HT20	MCS0	2	52	Full	5260	0.00	0.00			8.13	11.00		0.55			Pass
HT20	MCS0	2	60	Full	5300	0.00	0.00			7.95	11.00		0.55			Pass
HT20	MCS0	2	64	Full	5320	0.00	0.00			8.04	11.00		0.55			Pass
HT40	MCS0	2	54	Full	5270	0.00	0.00			5.24	11.00		0.55			Pass
HT40	MCS0	2	62	Full	5310	0.00	0.00			5.33	11.00		0.55			Pass
VHT80	MCS0	2	58	Full	5290	0.00	0.00			1.80	11.00		0.55			Pass
HE20	MCS0	2	52	Full	5260	0.00	0.00			8.98	11.00		0.55			Pass
				26/0		0.00	0.00			8.83	11.00		0.55			Pass
				52/37		0.00	0.00			8.75	11.00		0.55			Pass
				106/53		0.00	0.00			8.71	11.00		0.55			Pass
HE20	MCS0	2	60	Full	5300	0.00	0.00			9.03	11.00		0.55			Pass
HE20	MCS0	2	64	Full	5320	0.00	0.00			9.19	11.00		0.55			Pass
				26/8		0.00	0.00			8.60	11.00		0.55			Pass
				52/40		0.00	0.00			8.70	11.00		0.55			Pass
				106/54		0.00	0.00			8.76	11.00		0.55			Pass
HE40	MCS0	2	54	Full	5270	0.00	0.00			5.76	11.00		0.55			Pass
				242/61		0.00	0.00			5.19	11.00		0.55			Pass
HE40	MCS0	2	62	Full	5310	0.00	0.00			5.86	11.00		0.55			Pass
				242/62		0.00	0.00			5.37	11.00		0.55			Pass
HE80	MCS0	2	58	Full	5290	0.00	0.00			2.59	11.00		0.55			Pass
				484/65		0.00	0.00			2.54	11.00		0.55			Pass
				484/66		0.00	0.00			2.51	11.00		0.55			Pass

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TEST RESULTS DATA
26dB and 99% OBW

U-NII-2C															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					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	16.83	16.83	20.55	20.15	23.26		29.26		23.98		
11a	6Mbps	2	116	5580	16.83	16.93	20.50	20.05	23.26		29.26		23.98		
11a	6Mbps	2	140	5700	16.98	16.93	20.90	20.30	23.29		29.29		23.98		
HT20	MCS0	2	100	5500	18.13	17.98	21.95	21.80	23.55		29.55		23.98		
HT20	MCS0	2	116	5580	18.03	17.98	21.75	21.40	23.55		29.55		23.98		
HT20	MCS0	2	140	5700	18.13	17.98	22.50	21.50	23.55		29.55		23.98		
HT40	MCS0	2	102	5510	36.16	36.06	41.31	40.50	23.98		30.00		23.98		
HT40	MCS0	2	110	5550	36.16	36.06	41.13	40.68	23.98		30.00		23.98		
HT40	MCS0	2	134	5670	36.16	36.06	40.86	40.32	23.98		30.00		23.98		
VHT80	MCS0	2	106	5530	74.93	74.93	81.44	80.80	23.98		30.00		23.98		
HE20	MCS0	2	100	5500	19.38	19.38	22.25	22.60	23.87		29.87		23.98		
HE20	MCS0	2	116	5580	19.33	19.38	22.40	22.55	23.86		29.86		23.98		
HE20	MCS0	2	140	5700	19.48	19.28	22.85	22.35	23.85		29.85		23.98		
HE40	MCS0	2	102	5510	37.96	37.86	41.31	41.22	23.98		30.00		23.98		
HE40	MCS0	2	110	5550	37.76	37.86	41.40	41.04	23.98		30.00		23.98		
HE40	MCS0	2	134	5670	37.86	37.86	41.40	41.13	23.98		30.00		23.98		
HE80	MCS0	2	106	5530	76.72	76.60	81.60	81.44	23.98		30.00		23.98		

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TEST RESULTS DATA
Average Power Table

FCC U-NII-2C																
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	17.88	16.79	20.38	23.98		-2.83		26.99	Pass
11a	6Mbps	2	116	Full	5580	0.03	0.03	16.86	16.97	19.93	23.98		-2.83		26.99	Pass
11a	6Mbps	2	140	Full	5700	0.03	0.03	17.68	16.77	20.26	23.98		-2.83		26.99	Pass
HT20	MCS0	2	100	Full	5500	0.00	0.00	17.51	16.39	20.00	23.98		-2.83		26.99	Pass
HT20	MCS0	2	116	Full	5580	0.00	0.00	16.52	16.59	19.57	23.98		-2.83		26.99	Pass
HT20	MCS0	2	140	Full	5700	0.00	0.00	17.30	16.39	19.88	23.98		-2.83		26.99	Pass
HT40	MCS0	2	102	Full	5510	0.00	0.00	17.22	16.15	19.73	23.98		-2.83		26.99	Pass
HT40	MCS0	2	110	Full	5550	0.00	0.00	17.19	16.25	19.76	23.98		-2.83		26.99	Pass
HT40	MCS0	2	134	Full	5670	0.00	0.00	16.56	15.95	19.28	23.98		-2.83		26.99	Pass
VHT20	MCS0	2	100	Full	5500	0.00	0.00	17.44	16.32	19.93	23.98		-2.83		26.99	Pass
VHT20	MCS0	2	116	Full	5580	0.00	0.00	16.45	16.52	19.50	23.98		-2.83		26.99	Pass
VHT20	MCS0	2	140	Full	5700	0.00	0.00	17.23	16.32	19.81	23.98		-2.83		26.99	Pass
VHT40	MCS0	2	102	Full	5510	0.00	0.00	17.15	16.08	19.66	23.98		-2.83		26.99	Pass
VHT40	MCS0	2	110	Full	5550	0.00	0.00	17.12	16.18	19.69	23.98		-2.83		26.99	Pass
VHT40	MCS0	2	134	Full	5670	0.00	0.00	16.49	15.88	19.21	23.98		-2.83		26.99	Pass
VHT80	MCS0	2	106	Full	5530	0.00	0.00	16.23	14.92	18.63	23.98		-2.83		26.99	Pass
HE20	MCS0	2	100	Full	5500	0.00	0.00	17.84	16.42	20.20	23.98		-2.83		26.99	Pass
				26/0		0.00	0.00	10.13	7.92	12.17	23.98		-2.83		26.99	Pass
				52/37		0.00	0.00	12.79	10.72	14.89	23.98		-2.83		26.99	Pass
				106/53		0.00	0.00	15.49	13.05	17.45	23.98		-2.83		26.99	Pass
			116	Full	5580	0.00	0.00	16.83	16.62	19.74	23.98		-2.83		26.99	Pass
			140	Full	5700	0.00	0.00	17.66	16.39	20.08	23.98		-2.83		26.99	Pass
				26/8		0.00	0.00	9.62	7.23	11.60	23.98		-2.83		26.99	Pass
				52/40		0.00	0.00	12.74	10.05	14.61	23.98		-2.83		26.99	Pass
				106/54		0.00	0.00	11.53	10.46	14.04	23.98		-2.83		26.99	Pass
HE40	MCS0	2	102	Full	5510	0.00	0.00	17.05	15.62	19.40	23.98		-2.83		26.99	Pass
				242/61		0.00	0.00	12.98	10.77	15.02	23.98		-2.83		26.99	Pass
			110	Full	5550	0.00	0.00	17.03	15.78	19.46	23.98		-2.83		26.99	Pass
			134	Full	5670	0.00	0.00	16.41	15.40	18.94	23.98		-2.83		26.99	Pass
				242/62		0.00	0.00	10.23	8.90	12.63	23.98		-2.83		26.99	Pass
HE80	MCS0	2	106	Full	5530	0.00	0.00	16.16	14.88	18.58	23.98		-2.83		26.99	Pass
				484/65		0.00	0.00	15.53	13.20	17.53	23.98		-2.83		26.99	Pass
				484/66		0.00	0.00	13.27	10.75	15.20	23.98		-2.83		26.99	Pass

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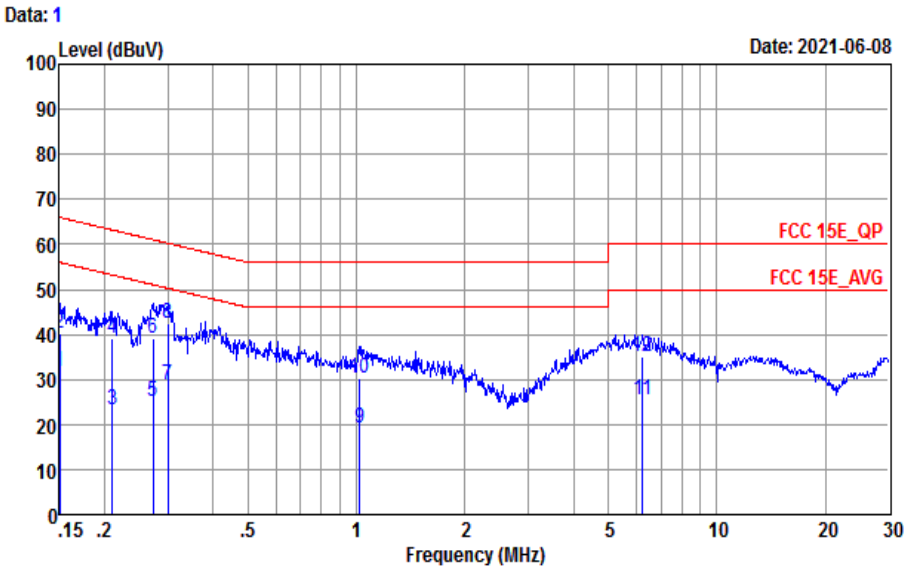
TEST RESULTS DATA
Power Spectral Density

U-NII-2C																
Mod.	Data Rate	NTX	CH.		Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						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			9.38	11.00		-0.99			Pass
11a	6Mbps	2	116	Full	5580	0.03	0.03			9.06	11.00		-0.99			Pass
11a	6Mbps	2	140	Full	5700	0.03	0.03			9.18	11.00		-0.99			Pass
HT20	MCS0	2	100	Full	5500	0.00	0.00			8.42	11.00		-0.99			Pass
HT20	MCS0	2	116	Full	5580	0.00	0.00			7.91	11.00		-0.99			Pass
HT20	MCS0	2	140	Full	5700	0.00	0.00			8.30	11.00		-0.99			Pass
HT40	MCS0	2	102	Full	5510	0.00	0.00			5.69	11.00		-0.99			Pass
HT40	MCS0	2	110	Full	5550	0.00	0.00			5.76	11.00		-0.99			Pass
HT40	MCS0	2	134	Full	5670	0.00	0.00			5.04	11.00		-0.99			Pass
VHT80	MCS0	2	106	Full	5530	0.00	0.00			2.18	11.00		-0.99			Pass
HE20	MCS0	2	100	Full	5500	0.00	0.00			9.57	11.00		-0.99			Pass
				26/0		0.00	0.00			9.46	11.00		-0.99			Pass
				52/37		0.00	0.00			9.18	11.00		-0.99			Pass
				106/53		0.00	0.00			9.26	11.00		-0.99			Pass
HE20	MCS0	2	116	Full	5580	0.00	0.00			8.79	11.00		-0.99			Pass
HE20	MCS0	2	140	Full	5700	0.00	0.00			9.09	11.00		-0.99			Pass
				26/8		0.00	0.00			8.81	11.00		-0.99			Pass
				52/40		0.00	0.00			8.94	11.00		-0.99			Pass
				106/54		0.00	0.00			8.58	11.00		-0.99			Pass
HE40	MCS0	2	102	Full	5510	0.00	0.00			6.06	11.00		-0.99			Pass
				242/61		0.00	0.00			5.94	11.00		-0.99			Pass
HE40	MCS0	2	110	Full	5550	0.00	0.00			5.93	11.00		-0.99			Pass
HE40	MCS0	2	134	Full	5670	0.00	0.00			5.18	11.00		-0.99			Pass
				242/62		0.00	0.00			4.62	11.00		-0.99			Pass
HE80	MCS0	2	106	Full	5530	0.00	0.00			2.69	11.00		-0.99			Pass
				484/65		0.00	0.00			2.23	11.00		-0.99			Pass
				484/66		0.00	0.00			2.48	11.00		-0.99			Pass

Appendix B. AC Conducted Emission Test Results

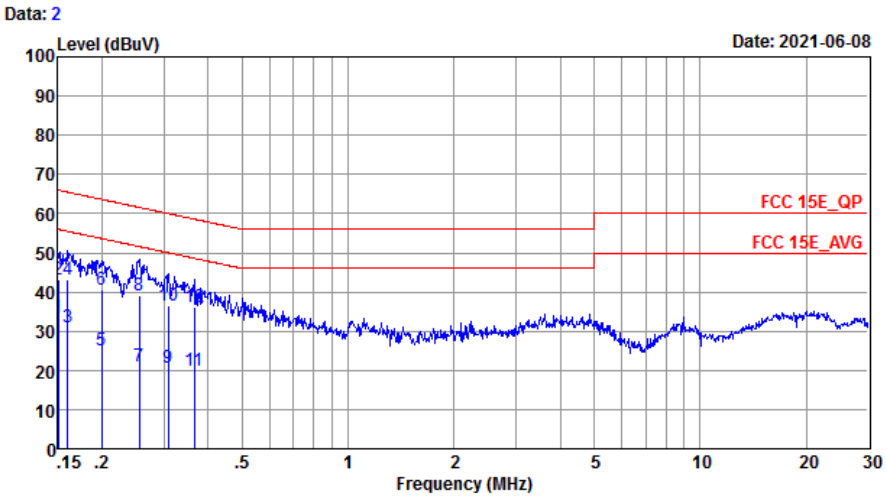
Test Engineer :	Xie YuQiang	**Temperature :**	22~25℃
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-SZ
Condition: FCC 15E_QP LISN_20201030_L LINE

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.15	31.69	-24.31	56.00	21.60	0.08	10.01	Average
2		0.15	40.39	-25.61	66.00	30.30	0.08	10.01	QP
3		0.21	23.30	-29.88	53.18	13.20	0.07	10.03	Average
4		0.21	39.10	-24.08	63.18	29.00	0.07	10.03	QP
5		0.27	25.26	-25.77	51.03	15.19	0.03	10.04	Average
6		0.27	39.06	-21.97	61.03	28.99	0.03	10.04	QP
7		0.30	28.85	-21.39	50.24	18.80	0.01	10.04	Average
8	*	0.30	42.55	-17.69	60.24	32.50	0.01	10.04	QP
9		1.02	19.22	-26.78	46.00	9.10	0.10	10.02	Average
10		1.02	30.22	-25.78	56.00	20.10	0.10	10.02	QP
11		6.22	25.60	-24.40	50.00	15.30	0.06	10.24	Average
12		6.22	35.20	-24.80	60.00	24.90	0.06	10.24	QP

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



Site : CO01-SZ
Condition: FCC 15E_QP LISN_20201030_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	33.59	-22.41	56.00	23.50	0.08	10.01	Average
2		0.15	43.19	-22.81	66.00	33.10	0.08	10.01	QP
3		0.16	30.89	-24.58	55.47	20.80	0.08	10.01	Average
4	*	0.16	43.29	-22.18	65.47	33.20	0.08	10.01	QP
5		0.20	25.11	-28.51	53.62	15.00	0.08	10.03	Average
6		0.20	40.51	-23.11	63.62	30.40	0.08	10.03	QP
7		0.25	21.17	-30.43	51.60	11.09	0.04	10.04	Average
8		0.25	39.27	-22.33	61.60	29.19	0.04	10.04	QP
9		0.31	20.66	-29.36	50.02	10.60	0.02	10.04	Average
10		0.31	36.66	-23.36	60.02	26.60	0.02	10.04	QP
11		0.37	19.90	-28.71	48.61	9.80	0.06	10.04	Average
12		0.37	36.20	-22.41	58.61	26.10	0.06	10.04	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 :	Yuwei Li	**Temperature :**	24~25°C
		Relative Humidity :	48~49%

Band 1 - 5150~5250MHz

WIFI 802.11a (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)
802.11a CH 36 5180MHz		5148.72	51.46	-22.54	74	44.59	32.24	7.48	32.85	118	95	P	H
		5148.98	43.9	-10.1	54	37.03	32.24	7.48	32.85	118	95	A	H
	*	5180	105.63	-	-	98.74	32.25	7.53	32.89	118	95	P	H
		5180	94.5	------	------	87.61	32.25	7.53	32.89	118	95	A	H
		5147.16	51.36	-22.64	74	44.49	32.24	7.48	32.85	107	0	P	V
		5150	42.82	-11.18	54	35.95	32.24	7.48	32.85	107	0	A	V
	*	5180	104.28	-	-	97.39	32.25	7.53	32.89	107	0	P	V
		5180	93.03	------	------	86.14	32.25	7.53	32.89	107	0	A	V
802.11a CH 44 5220MHz		5086.58	47.18	-26.82	74	40.31	32.22	7.38	32.73	108	92	P	H
		5150	37.82	-16.18	54	30.95	32.24	7.48	32.85	108	92	A	H
	*	5220	104.57	-	-	97.72	32.26	7.57	32.98	108	92	P	H
		5220	93.02	------	------	86.17	32.26	7.57	32.98	108	92	A	H
		5413.92	44.81	-29.19	74	38	32.33	7.75	33.27	108	92	P	H
		5444.4	35.3	-18.7	54	28.49	32.34	7.79	33.32	108	92	A	H
		5112.32	46.32	-27.68	74	39.43	32.23	7.43	32.77	133	0	P	V
		5150	37.06	-16.94	54	30.19	32.24	7.48	32.85	133	0	A	V
	*	5220	102.32	-	-	95.47	32.26	7.57	32.98	133	0	P	V
		5220	92.02	------	------	85.17	32.26	7.57	32.98	133	0	A	V
		5419.68	44.88	-29.12	74	38.07	32.33	7.75	33.27	133	0	P	V
		5443.2	35.31	-18.69	54	28.5	32.34	7.79	33.32	133	0	A	V

802.11a CH 48 5240MHz		5106.08	47.62	-26.38	74	40.73	32.23	7.43	32.77	109	96	P	H
		5072.8	36.89	-17.11	54	30.02	32.22	7.38	32.73	109	96	A	H
	*	5240	105.94	-	-	99.06	32.27	7.59	32.98	109	96	P	H
		5240	95.32	------	------	88.44	32.27	7.59	32.98	109	96	A	H
		5382.48	44.54	-29.46	74	37.75	32.32	7.7	33.23	109	96	P	H
		5352	35.37	-18.63	54	28.57	32.31	7.68	33.19	109	96	A	H
		5046.02	47.02	-26.98	74	40.17	32.21	7.32	32.68	124	20	P	V
		5073.32	36.92	-17.08	54	30.05	32.22	7.38	32.73	124	20	A	V
	*	5240	103.04	-	-	96.16	32.27	7.59	32.98	124	20	P	V
		5240	92.05	------	------	85.17	32.27	7.59	32.98	124	20	A	V
		5404.8	43.37	-30.63	74	36.61	32.32	7.71	33.27	124	20	P	V
		5445.84	35.31	-18.69	54	28.45	32.34	7.84	33.32	124	20	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11a CH 36 5180MHz		10360	48.35	-19.95	68.3	57.82	38.72	10.8	58.99	152	260	P	H
		15540	49.87	-24.13	74	56.43	38.7	13.67	58.93	189	238	P	H
		10360	48.69	-19.61	68.3	58.16	38.72	10.8	58.99	152	260	P	V
		15540	49.41	-24.59	74	55.97	38.7	13.67	58.93	189	238	P	V
802.11a CH 44 5220MHz		10440	48.75	-19.55	68.3	58.01	38.82	10.84	58.92	150	230	P	H
		15660	48.88	-25.12	74	55.85	38.33	13.76	59.06	160	225	P	H
		10440	51.49	-16.81	68.3	60.75	38.82	10.84	58.92	150	230	P	V
		15660	49.59	-24.41	74	56.56	38.33	13.76	59.06	160	225	P	V
802.11a CH 48 5240MHz		10480	49.69	-18.61	68.3	58.79	38.89	10.87	58.86	150	289	P	H
		15720	48.25	-25.75	74	55.43	38.13	13.81	59.12	150	291	P	H
		10480	50.05	-18.25	68.3	59.15	38.89	10.87	58.86	150	289	P	V
		15720	49.87	-24.13	74	57.05	38.13	13.81	59.12	150	291	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+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)
		5146.12	50.11	-23.89	74	43.24	32.24	7.48	32.85	100	99	P	H
		5150	40.9	-13.1	54	34.03	32.24	7.48	32.85	100	99	A	H
802.11n	*	5180	103.63	------	------	96.74	32.25	7.53	32.89	100	99	P	H
HT20		5180	90.31	------	------	83.42	32.25	7.53	32.89	100	99	A	H
CH 36		5147.68	50.52	-23.48	74	43.65	32.24	7.48	32.85	133	22	P	V
5180MHz		5150	42.9	-11.1	54	36.03	32.24	7.48	32.85	133	22	A	V
	*	5180	102.06	------	------	95.17	32.25	7.53	32.89	133	22	P	V
		5180	90.34	------	------	83.45	32.25	7.53	32.89	133	22	A	V
		5083.2	48.11	-25.89	74	41.24	32.22	7.38	32.73	112	94	P	H
		5149.76	36.94	-17.06	54	30.07	32.24	7.48	32.85	112	94	A	H
	*	5220	103.99	------	------	97.14	32.26	7.57	32.98	112	94	P	H
		5220	92.07	------	------	85.22	32.26	7.57	32.98	112	94	A	H
802.11n		5444.4	44.55	-29.45	74	37.74	32.34	7.79	33.32	112	94	P	H
HT20		5439.12	35.31	-18.69	54	28.5	32.34	7.79	33.32	112	94	A	H
CH 44		5100.36	46.61	-27.39	74	39.74	32.23	7.41	32.77	118	18	P	V
5220MHz		5149.76	36.96	-17.04	54	30.09	32.24	7.48	32.85	118	18	A	V
	*	5220	101.5	------	------	94.65	32.26	7.57	32.98	118	18	P	V
		5220	90.92	------	------	84.07	32.26	7.57	32.98	118	18	A	V
		5376.24	45.43	-28.57	74	38.66	32.31	7.69	33.23	118	18	P	V
		5444.88	35.29	-18.71	54	28.48	32.34	7.79	33.32	118	18	A	V

		5132.34	46.9	-27.1	74	40.01	32.24	7.46	32.81	100	107	P	H
		5074.62	36.94	-17.06	54	30.07	32.22	7.38	32.73	100	107	A	H
	*	5240	103.99	------	------	97.11	32.27	7.59	32.98	100	107	P	H
		5240	92.03	------	------	85.15	32.27	7.59	32.98	100	107	A	H
802.11n		5441.04	44.79	-29.21	74	37.98	32.34	7.79	33.32	100	107	P	H
HT20		5440.8	35.38	-18.62	54	28.57	32.34	7.79	33.32	100	107	A	H
CH 48		5041.86	47.02	-26.98	74	40.17	32.21	7.32	32.68	100	23	P	V
5240MHz		5075.66	36.93	-17.07	54	30.06	32.22	7.38	32.73	100	23	A	V
	*	5240	102.3	------	------	95.42	32.27	7.59	32.98	100	23	P	V
		5240	91.4	------	------	84.52	32.27	7.59	32.98	100	23	A	V
		5389.92	45.01	-28.99	74	38.22	32.32	7.7	33.23	100	23	P	V
		5445.12	35.34	-18.66	54	28.53	32.34	7.79	33.32	100	23	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11n		10360	48.35	-19.95	68.3	57.82	38.72	10.8	58.99	152	260	P	H
HT20		15540	49.87	-24.13	74	56.43	38.7	13.67	58.93	189	238	P	H
CH 36		10360	48.69	-19.61	68.3	58.16	38.72	10.8	58.99	152	260	P	V
5180MHz		15540	49.41	-24.59	74	55.97	38.7	13.67	58.93	189	238	P	V
802.11n		10440	48.75	-19.55	68.3	58.01	38.82	10.84	58.92	150	230	P	H
HT20		15660	48.88	-25.12	74	55.85	38.33	13.76	59.06	160	225	P	H
CH 44		10440	51.49	-16.81	68.3	60.75	38.82	10.84	58.92	150	230	P	V
5220MHz		15660	49.59	-24.41	74	56.56	38.33	13.76	59.06	160	225	P	V
802.11n		10480	50.71	-17.59	68.3	60.34	38.36	10.87	58.86	150	289	P	H
HT20		15720	50.23	-23.77	74	57.23	38.31	13.81	59.12	150	291	P	H
CH 48		10480	50.08	-18.22	68.3	59.71	38.36	10.87	58.86	150	289	P	V
5240MHz		15720	50.07	-23.93	74	57.07	38.31	13.81	59.12	150	291	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+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)
		5149.76	57.26	-16.74	74	50.39	32.24	7.48	32.85	100	295	P	H
		5150	50.8	-3.2	54	43.93	32.24	7.48	32.85	100	295	A	H
	*	5190	103.35	------	------	96.46	32.25	7.53	32.89	100	295	P	H
		5190	92.23	------	------	85.34	32.25	7.53	32.89	100	295	A	H
802.11n		5365.64	43.42	-30.58	74	36.61	32.31	7.69	33.19	100	295	P	H
HT40		5351.64	35.29	-18.71	54	28.49	32.31	7.68	33.19	100	295	A	H
CH 38		5149.76	59.08	-14.92	74	52.21	32.24	7.48	32.85	117	357	P	V
5190MHz		5150	49.72	-4.28	54	42.85	32.24	7.48	32.85	117	357	A	V
	*	5190	102.76	------	------	95.87	32.25	7.53	32.89	117	357	P	V
		5190	91.76	------	------	84.87	32.25	7.53	32.89	117	357	A	V
		5368.72	43.36	-30.64	74	36.55	32.31	7.69	33.19	117	357	P	V
		5352.2	35.53	-18.47	54	28.73	32.31	7.68	33.19	117	357	A	V
		5149.9	50.26	-23.74	74	43.39	32.24	7.48	32.85	213	59	P	H
		5150	42.82	-11.18	54	35.95	32.24	7.48	32.85	213	59	A	H
	*	5230	105.43	------	------	98.55	32.27	7.59	32.98	213	59	P	H
		5230	98.53	------	------	91.65	32.27	7.59	32.98	213	59	A	H
802.11n		5352	46.43	-27.57	74	39.63	32.31	7.68	33.19	213	59	P	H
HT40		5350.08	37.94	-16.06	54	31.14	32.31	7.68	33.19	213	59	A	H
CH 46		5139.88	49.99	-24.01	74	43.08	32.24	7.48	32.81	277	48	P	V
5230MHz		5150	40.73	-13.27	54	33.86	32.24	7.48	32.85	277	48	A	V
	*	5230	101.7	------	------	94.82	32.27	7.59	32.98	277	48	P	V
		5230	95.5	------	------	88.62	32.27	7.59	32.98	277	48	A	V
		5350.32	44.58	-29.42	74	37.78	32.31	7.68	33.19	277	48	P	V
		5350.32	35.87	-18.13	54	29.07	32.31	7.68	33.19	277	48	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11n		10380	49.43	-18.87	68.3	59.33	38.26	10.81	58.97	150	360	P	H
HT40		15570	50.44	-23.56	74	56.89	38.82	13.7	58.97	155	360	P	H
CH 38		10380	49.19	-19.11	68.3	59.09	38.26	10.81	58.97	150	360	P	V
5190MHz		15570	51.09	-22.91	74	57.54	38.82	13.7	58.97	155	360	P	V
802.11n		10460	49.88	-18.42	68.3	59.61	38.32	10.85	58.9	150	360	P	H
HT40		15690	50.09	-23.91	74	56.97	38.42	13.79	59.09	150	225	P	H
CH 46		10460	50.49	-17.81	68.3	60.22	38.32	10.85	58.9	150	360	P	V
5230MHz		15690	49.43	-24.57	74	56.31	38.42	13.79	59.09	150	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+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)
		5149.76	57.85	-16.15	74	50.98	32.24	7.48	32.85	117	308	P	H
		5150	50.62	-3.38	54	43.75	32.24	7.48	32.85	117	308	A	H
	*	5210	100.19	-	-	93.3	32.26	7.57	32.94	117	308	P	H
		5210	90.14	------	------	83.25	32.26	7.57	32.94	117	308	A	H
802.11ac		5396.4	43.84	-30.16	74	37.04	32.32	7.71	33.23	117	308	P	H
VHT80		5352.24	35.54	-18.46	54	28.74	32.31	7.68	33.19	117	308	A	H
CH 42		5149.5	54.54	-19.46	74	47.67	32.24	7.48	32.85	100	356	P	V
5210MHz		5150	47.15	-6.85	54	40.28	32.24	7.48	32.85	100	356	A	V
	*	5210	98.99	-	-	92.1	32.26	7.57	32.94	100	356	P	V
		5210	89.14	------	------	82.25	32.26	7.57	32.94	100	356	A	V
		5393.04	43.94	-30.06	74	37.15	32.32	7.7	33.23	100	356	P	V
		5352.48	35.84	-18.16	54	29.04	32.31	7.68	33.19	100	356	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11ac		10420	49.34	-18.96	68.3	59.15	38.29	10.83	58.93	150	360	P	H
VHT80		15630	50.87	-23.13	74	57.57	38.59	13.75	59.04	150	225	P	H
CH 42		10420	49.98	-18.32	68.3	59.79	38.29	10.83	58.93	150	360	P	V
5210MHz		15630	50.59	-23.41	74	57.29	38.59	13.75	59.04	150	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	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)
802.11a CH 52 5260MHz		5118.04	47.15	-26.85	74	40.3	32.23	7.43	32.81	109	93	P	H
		5075.4	36.91	-17.09	54	30.04	32.22	7.38	32.73	109	93	A	H
	*	5260	105.15	-	-	98.27	32.28	7.62	33.02	109	93	P	H
		5260	95.54	------	------	88.66	32.28	7.62	33.02	109	93	A	H
		5432.88	45.04	-28.96	74	38.23	32.34	7.79	33.32	109	93	P	H
		5351.04	35.64	-18.36	54	28.84	32.31	7.68	33.19	109	93	A	H
		5141.7	45.6	-28.4	74	38.73	32.24	7.48	32.85	132	21	P	V
		5073.32	36.17	-17.83	54	29.3	32.22	7.38	32.73	132	21	A	V
	*	5260	103.39	-	-	96.51	32.28	7.62	33.02	132	21	P	V
		5260	94.53	------	------	87.65	32.28	7.62	33.02	132	21	A	V
		5396.88	44.76	-29.24	74	37.96	32.32	7.71	33.23	132	21	P	V
		5441.52	35.11	-18.89	54	28.3	32.34	7.79	33.32	132	21	A	V
802.11a CH 60 5300MHz		5010.15	46.75	-27.25	74	39.89	32.2	7.26	32.6	121	94	P	H
		5075.25	36.33	-17.67	54	29.46	32.22	7.38	32.73	121	94	A	H
	*	5300	105.89	-	-	99.06	32.29	7.65	33.11	121	94	P	H
		5300	92.8	------	------	85.97	32.29	7.65	33.11	121	94	A	H
		5355.12	45.66	-28.34	74	38.86	32.31	7.68	33.19	121	94	P	H
		5350.08	37.02	-16.98	54	30.22	32.31	7.68	33.19	121	94	A	H
		5004.2	46.15	-27.85	74	39.29	32.2	7.26	32.6	132	2	P	V
		5073.15	36.31	-17.69	54	29.44	32.22	7.38	32.73	132	2	A	V
	*	5300	103.37	-	-	96.54	32.29	7.65	33.11	132	2	P	V
		5300	92.83	------	------	86	32.29	7.65	33.11	132	2	A	V
		5361.12	44.26	-29.74	74	37.45	32.31	7.69	33.19	132	2	P	V
		5353.44	35.59	-18.41	54	28.79	32.31	7.68	33.19	132	2	A	V

802.11a CH 64 5320MHz	*	5320	104.17	-	-	97.32	32.3	7.66	33.11	135	90	P	H
		5320	94.31	------	------	87.46	32.3	7.66	33.11	135	90	A	H
		5351.36	55.42	-18.58	74	48.62	32.31	7.68	33.19	135	90	P	H
		5350.08	45.34	-8.66	54	38.54	32.31	7.68	33.19	135	90	A	H
	*	5320	102.65	-	-	95.8	32.3	7.66	33.11	116	20	P	V
		5320	93.26	------	------	86.41	32.3	7.66	33.11	116	20	A	V
		5352.8	49.29	-24.71	74	42.49	32.31	7.68	33.19	116	20	P	V
		5350.08	40.61	-13.39	54	33.81	32.31	7.68	33.19	116	20	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11a CH 52 5260MHz		10520	50.45	-17.85	68.3	59.45	38.94	10.88	58.82	150	220	P	H
		15780	48.06	-25.94	74	55.42	37.97	13.85	59.18	159	345	P	H
		10520	50.59	-17.71	68.3	59.59	38.94	10.88	58.82	150	220	P	V
		15780	48.63	-25.37	74	55.99	37.97	13.85	59.18	159	345	P	V
802.11a CH 60 5300MHz		10600	49.57	-24.43	74	58.32	39.05	10.93	58.73	185	215	P	H
		15900	47.41	-26.59	74	55.16	37.61	13.94	59.3	196	190	P	H
		10600	50.49	-23.51	74	59.24	39.05	10.93	58.73	185	215	P	V
		15900	46.97	-27.03	74	54.72	37.61	13.94	59.3	196	190	P	V
802.11a CH 64 5320MHz		10640	50.02	-23.98	74	58.66	39.1	10.95	58.69	152	135	P	H
		15960	47.13	-26.87	74	55.11	37.4	13.99	59.37	173	245	P	H
		10640	50.12	-23.88	74	58.76	39.1	10.95	58.69	152	135	P	V
		15960	47.99	-26.01	74	55.97	37.4	13.99	59.37	173	245	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI 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)
		5041.6	46.35	-27.65	74	39.5	32.21	7.32	32.68	193	297	P	H
		5074.88	37.02	-16.98	54	30.15	32.22	7.38	32.73	193	297	A	H
	*	5260	103.86	------	------	96.98	32.28	7.62	33.02	193	297	P	H
		5260	97.14	------	------	90.26	32.28	7.62	33.02	193	297	A	H
802.11n		5397.12	46.25	-27.75	74	39.45	32.32	7.71	33.23	193	297	P	H
HT20		5353.68	35.57	-18.43	54	28.77	32.31	7.68	33.19	193	297	A	H
CH 52		5102.44	47.73	-26.27	74	40.86	32.23	7.41	32.77	100	15	P	V
5260MHz		5074.88	36.97	-17.03	54	30.1	32.22	7.38	32.73	100	15	A	V
	*	5260	100.85	------	------	93.97	32.28	7.62	33.02	100	15	P	V
		5260	94.11	------	------	87.23	32.28	7.62	33.02	100	15	A	V
		5391.6	45.09	-28.91	74	38.3	32.32	7.7	33.23	100	15	P	V
		5352.24	35.47	-18.53	54	28.67	32.31	7.68	33.19	100	15	A	V
		5062.65	46.95	-27.05	74	40.06	32.22	7.35	32.68	229	62	P	H
		5072.8	37.05	-16.95	54	30.18	32.22	7.38	32.73	229	62	A	H
	*	5302	106.74	------	------	99.91	32.29	7.65	33.11	229	62	P	H
		5302	100.47	------	------	93.64	32.29	7.65	33.11	229	62	A	H
802.11n		5372.88	46.36	-27.64	74	39.55	32.31	7.69	33.19	229	62	P	H
HT20		5350.08	37.81	-16.19	54	31.01	32.31	7.68	33.19	229	62	A	H
CH 60		5109.55	46.17	-27.83	74	39.28	32.23	7.43	32.77	214	40	P	V
5300MHz		5070.7	37.02	-16.98	54	30.18	32.22	7.35	32.73	214	40	A	V
	*	5300	102.76	------	------	95.93	32.29	7.65	33.11	214	40	P	V
		5300	95.76	------	------	88.93	32.29	7.65	33.11	214	40	A	V
		5453.04	45.82	-28.18	74	39	32.34	7.84	33.36	214	40	P	V
		5350.56	36.14	-17.86	54	29.34	32.31	7.68	33.19	214	40	A	V

802.11n HT20 CH 64 5320MHz	*	5320	106.29	------	------	99.44	32.3	7.66	33.11	228	57	P	H
		5320	100.11	------	------	93.26	32.3	7.66	33.11	228	57	A	H
		5352.32	53.88	-20.12	74	47.08	32.31	7.68	33.19	228	57	P	H
		5350.08	45.68	-8.32	54	38.88	32.31	7.68	33.19	228	57	A	H
	*	5320	103.04	------	------	96.19	32.3	7.66	33.11	238	41	P	V
		5320	96.97	------	------	90.12	32.3	7.66	33.11	238	41	A	V
		5352.8	50.12	-23.88	74	43.32	32.31	7.68	33.19	238	41	P	V
		5350.08	41.95	-12.05	54	35.15	32.31	7.68	33.19	238	41	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11n		10520	50.45	-17.85	68.3	60	38.39	10.88	58.82	150	220	P	H
HT20		15780	49.21	-24.79	74	56.4	38.14	13.85	59.18	159	345	P	H
CH 52		10520	50.49	-17.81	68.3	60.04	38.39	10.88	58.82	150	220	P	V
5260MHz		15780	49.38	-24.62	74	56.57	38.14	13.85	59.18	159	345	P	V
802.11n		10600	49.77	-24.23	74	59.1	38.47	10.93	58.73	185	215	P	H
HT20		15900	47.95	-26.05	74	55.57	37.74	13.94	59.3	196	190	P	H
CH 60		10600	49.15	-24.85	74	58.48	38.47	10.93	58.73	185	215	P	V
5300MHz		15900	48.84	-25.16	74	56.46	37.74	13.94	59.3	196	190	P	V
802.11n		10640	48.76	-25.24	74	58	38.5	10.95	58.69	152	135	P	H
HT20		15960	48.01	-25.99	74	55.88	37.51	13.99	59.37	173	245	P	H
CH 64		10640	49.3	-24.7	74	58.54	38.5	10.95	58.69	152	135	P	V
5320MHz		15960	48.81	-25.19	74	56.68	37.51	13.99	59.37	173	245	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+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)
		5052.5	47.81	-26.19	74	40.96	32.21	7.32	32.68	218	56	P	H
		5150	38.32	-15.68	54	31.45	32.24	7.48	32.85	218	56	A	H
	*	5270	104.77	------	------	97.89	32.28	7.62	33.02	218	56	P	H
		5270	98.08	------	------	91.2	32.28	7.62	33.02	218	56	A	H
802.11n		5353.2	48.78	-25.22	74	41.98	32.31	7.68	33.19	218	56	P	H
HT40		5350.32	39.68	-14.32	54	32.88	32.31	7.68	33.19	218	56	A	H
CH 54		5022.75	46.21	-27.79	74	39.35	32.21	7.29	32.64	274	52	P	V
5270MHz		5150	37.64	-16.36	54	30.77	32.24	7.48	32.85	274	52	A	V
	*	5270	100.54	------	------	93.66	32.28	7.62	33.02	274	52	P	V
		5270	89.3	------	------	82.42	32.28	7.62	33.02	274	52	A	V
		5398.32	45.09	-28.91	74	38.29	32.32	7.71	33.23	274	52	P	V
		5350.56	36.89	-17.11	54	30.09	32.31	7.68	33.19	274	52	A	V
		5002.8	47.32	-26.68	74	40.53	32.16	7.23	32.6	105	295	P	H
		5045.15	37.19	-16.81	54	30.34	32.21	7.32	32.68	105	295	A	H
	*	5310	103.03	------	------	96.18	32.3	7.66	33.11	105	295	P	H
		5310	91.51	------	------	84.66	32.3	7.66	33.11	105	295	A	H
802.11n		5350.32	56.98	-17.02	74	50.18	32.31	7.68	33.19	105	295	P	H
HT40		5350.08	49.66	-4.34	54	42.86	32.31	7.68	33.19	105	295	A	H
CH 62		5091.35	46.51	-27.49	74	39.64	32.23	7.41	32.77	104	356	P	V
5310MHz		5052.15	37.11	-16.89	54	30.26	32.21	7.32	32.68	104	356	A	V
	*	5310	100.6	------	------	93.75	32.3	7.66	33.11	104	356	P	V
		5310	90.32	------	------	83.47	32.3	7.66	33.11	104	356	A	V
		5352.24	56.21	-17.79	74	49.41	32.31	7.68	33.19	104	356	P	V
		5350.32	48.73	-5.27	54	41.93	32.31	7.68	33.19	104	356	A	V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11n		10540	50.17	-18.13	68.3	59.68	38.4	10.89	58.8	150	220	P	H
HT40		15810	49.44	-24.56	74	56.75	38.03	13.87	59.21	168	345	P	H
CH 54		10540	50.46	-17.84	68.3	59.97	38.4	10.89	58.8	150	220	P	V
5270MHz		15810	49.96	-24.04	74	57.27	38.03	13.87	59.21	168	345	P	V
802.11n		10620	50.25	-23.75	74	59.54	38.48	10.94	58.71	150	220	P	H
HT40		15930	48.45	-25.55	74	56.19	37.63	13.96	59.33	160	100	P	H
CH 62		10620	50.03	-23.97	74	59.32	38.48	10.94	58.71	150	220	P	V
5310MHz		15930	47.91	-26.09	74	55.65	37.63	13.96	59.33	160	100	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+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)
		5133	47.14	-26.86	74	40.25	32.24	7.46	32.81	249	73	P	H
		5150	38.83	-15.17	54	31.96	32.24	7.48	32.85	249	73	A	H
	*	5290	100.37	-	-	93.5	32.29	7.64	33.06	249	73	P	H
		5290	90.11	------	------	83.24	32.29	7.64	33.06	249	73	A	H
802.11ac		5354.64	60.85	-13.15	74	54.05	32.31	7.68	33.19	249	73	P	H
VHT80		5414.16	35.48	-18.52	54	28.67	32.33	7.75	33.27	229	72	P	H
CH 58		5138.6	46.63	-27.37	74	39.74	32.24	7.46	32.81	248	42	P	V
5290MHz		5150	38.8	-15.2	54	31.93	32.24	7.48	32.85	248	42	A	V
	*	5290	98.43	-	-	91.56	32.29	7.64	33.06	248	42	P	V
		5290	89.3	------	------	82.43	32.29	7.64	33.06	248	42	A	V
		5351.04	55.14	-18.86	74	48.34	32.31	7.68	33.19	248	42	P	V
		5350.08	47.91	-6.09	54	41.11	32.31	7.68	33.19	248	42	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11ac		10580	50.41	-17.89	68.3	59.79	38.45	10.92	58.75	185	215	P	H
VHT80		15870	49.67	-24.33	74	57.23	37.8	13.92	59.28	196	190	P	H
CH 58		10580	50.05	-18.25	68.3	59.43	38.45	10.92	58.75	170	232	P	V
5290MHz		15870	48.62	-25.38	74	56.18	37.8	13.92	59.28	190	130	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	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)
802.11a CH 100 5500MHz		5400.72	45.91	-28.09	74	39.11	32.32	7.71	33.23	105	86	P	H
		5469.36	51.7	-16.6	68.3	44.83	32.35	7.88	33.36	105	86	P	H
		5459.92	38.15	-15.85	54	31.33	32.34	7.84	33.36	105	86	A	H
	*	5500	104.68	-	-	97.76	32.36	7.96	33.4	105	86	P	H
		5500	93.45	------	------	86.53	32.36	7.96	33.4	105	86	A	H
		5457.2	45.3	-28.7	74	38.48	32.34	7.84	33.36	132	19	P	V
		5469.04	51.08	-17.22	68.3	44.21	32.35	7.88	33.36	132	19	P	V
		5460	37.46	-16.54	54	30.64	32.34	7.84	33.36	132	19	A	V
	*	5500	102.14	-	-	95.22	32.36	7.96	33.4	132	19	P	V
		5500	93.21	------	------	86.29	32.36	7.96	33.4	132	19	A	V
802.11a CH 116 5580MHz		5357.2	43.69	-30.31	74	36.89	32.31	7.68	33.19	100	38	P	H
		5461.84	44.07	-24.23	68.3	37.25	32.34	7.84	33.36	100	38	P	H
		5459.92	35.35	-18.65	54	28.53	32.34	7.84	33.36	100	38	A	H
	*	5580	104.87	-	-	97.91	32.38	7.97	33.39	100	38	P	H
		5580	93.43	------	------	86.47	32.38	7.97	33.39	100	38	A	H
		5728.775	47.14	-21.16	68.3	39.56	32.48	8.45	33.35	100	38	P	H
		5355.04	44.62	-29.38	74	37.82	32.31	7.68	33.19	159	17	P	V
		5463.28	43.78	-24.52	68.3	36.91	32.35	7.88	33.36	159	17	P	V
		5459.68	35.41	-18.59	54	28.59	32.34	7.84	33.36	159	17	A	V
	*	5580	102.18	-	-	95.22	32.38	7.97	33.39	159	17	P	V
		5580	92.07	------	------	85.11	32.38	7.97	33.39	159	17	A	V
		5740.43	45.52	-22.78	68.3	37.96	32.49	8.42	33.35	159	17	P	V

802.11a CH 140 5700MHz	*	5700	103.41	-	-	95.8	32.45	8.52	33.36	125	91	P	H
		5700	94.69	------	------	87.08	32.45	8.52	33.36	125	91	A	H
		5726.04	62.19	-6.11	68.3	54.61	32.48	8.45	33.35	125	91	P	H
	*	5700	102.14	-	-	94.53	32.45	8.52	33.36	123	26	P	V
		5700	92.86	------	------	85.25	32.45	8.52	33.36	123	26	A	V
		5725.24	63.54	-4.76	68.3	55.96	32.48	8.45	33.35	123	26	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (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)
802.11a CH 100 5500MHz		11000	49.1	-24.9	74	56.66	39.6	11.14	58.3	163	230	P	H
		16500	48.2	-20.1	68.3	54.05	38.72	14.27	58.84	196	273	P	H
		11000	50.4	-23.6	74	57.96	39.6	11.14	58.3	155	212	P	V
		16500	48.46	-19.84	68.3	54.31	38.72	14.27	58.84	178	296	P	V
802.11a CH 116 5580MHz		11160	49.28	-24.72	74	56.61	39.5	11.28	58.11	183	32	P	H
		16740	48.34	-19.96	68.3	53.13	39.39	14.4	58.58	163	332	P	H
		11160	50.32	-23.68	74	57.65	39.5	11.28	58.11	170	200	P	V
		16740	48.2	-20.1	68.3	52.99	39.39	14.4	58.58	156	350	P	V
802.11a CH 140 5700MHz		11400	50.7	-23.3	74	57.72	39.36	11.47	57.85	157	285	P	H
		17100	51.52	-16.78	68.3	54.29	40.7	14.69	58.16	165	246	P	H
		11400	50.56	-23.44	74	57.58	39.36	11.47	57.85	122	291	P	V
		17100	48.55	-19.75	68.3	51.32	40.7	14.69	58.16	153	102	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+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)
		5445.52	47.28	-26.72	74	40.42	32.34	7.84	33.32	224	58	P	H
		5469.52	51.93	-16.37	68.3	45.06	32.35	7.88	33.36	224	58	P	H
		5460	38.68	-15.32	54	31.86	32.34	7.84	33.36	224	58	A	H
802.11n	*	5500	103.56	------	------	96.64	32.36	7.96	33.4	224	58	P	H
HT20		5500	97.55	------	------	90.63	32.36	7.96	33.4	224	58	A	H
CH 100		5381.84	46.24	-27.76	74	39.45	32.32	7.7	33.23	249	35	P	V
5500MHz		5469.2	48.16	-20.14	68.3	41.29	32.35	7.88	33.36	249	35	P	V
		5460	37.02	-16.98	54	30.2	32.34	7.84	33.36	249	35	A	V
	*	5500	99.68	------	------	92.76	32.36	7.96	33.4	249	35	P	V
		5500	92.77	------	------	85.85	32.36	7.96	33.4	249	35	A	V
		5390.32	45.6	-28.4	74	38.81	32.32	7.7	33.23	231	66	P	H
		5464.48	44.32	-23.98	68.3	37.45	32.35	7.88	33.36	231	66	P	H
		5459.92	35.61	-18.39	54	28.79	32.34	7.84	33.36	231	66	A	H
	*	5580	103.11	------	------	96.15	32.38	7.97	33.39	231	66	P	H
802.11n		5580	97.09	------	------	90.13	32.38	7.97	33.39	231	66	A	H
HT20		5735.075	45.47	-22.83	68.3	37.91	32.49	8.42	33.35	231	66	P	H
CH 116		5412.88	44	-30	74	37.19	32.33	7.75	33.27	253	34	P	V
5580MHz		5461	43.14	-25.16	68.3	36.32	32.34	7.84	33.36	253	34	P	V
		5459.44	35.32	-18.68	54	28.5	32.34	7.84	33.36	253	34	A	V
	*	5580	100.92	------	------	93.96	32.38	7.97	33.39	253	34	P	V
		5580	94.21	------	------	87.25	32.38	7.97	33.39	253	34	A	V
		5739.17	45.89	-22.41	68.3	38.33	32.49	8.42	33.35	253	34	P	V

802.11n HT20 CH 140 5700MHz	*	5700	105.12	------	------	97.51	32.45	8.52	33.36	226	63	P	H
		5700	98.5	------	------	90.89	32.45	8.52	33.36	226	63	A	H
		5725.4	64.9	-3.4	68.3	57.32	32.48	8.45	33.35	226	63	P	H
	*	5700	101.56	------	------	93.95	32.45	8.52	33.36	244	48	P	V
		5700	95.17	------	------	87.56	32.45	8.52	33.36	244	48	A	V
		5726.52	60.57	-7.73	68.3	52.99	32.48	8.45	33.35	244	48	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11n		11000	49.15	-24.85	74	57.48	38.83	11.14	58.3	163	230	P	H
HT20		16500	50.19	-18.11	68.3	55.28	39.48	14.27	58.84	196	273	P	H
CH 100		11000	49.17	-24.83	74	57.5	38.83	11.14	58.3	155	212	P	V
5500MHz		16500	50.79	-17.51	68.3	55.88	39.48	14.27	58.84	178	296	P	V
802.11n		11160	51.17	-22.83	74	59.01	38.99	11.28	58.11	183	32	P	H
HT20		16740	50.48	-17.82	68.3	54.2	40.46	14.4	58.58	163	332	P	H
CH 116		11160	50.69	-23.31	74	58.53	38.99	11.28	58.11	170	200	P	V
5580MHz		16740	50.41	-17.89	68.3	54.13	40.46	14.4	58.58	156	350	P	V
802.11n		11400	50.9	-23.1	74	58.07	39.21	11.47	57.85	157	285	P	H
HT20		17100	49.22	-19.08	68.3	50.53	42.16	14.69	58.16	165	246	P	H
CH 140		11400	50.74	-23.26	74	57.91	39.21	11.47	57.85	122	291	P	V
5700MHz		17100	47.86	-20.44	68.3	49.17	42.16	14.69	58.16	153	102	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+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)
		5455.36	52.33	-21.67	74	45.51	32.34	7.84	33.36	214	63	P	H
		5461.36	60.2	-8.1	68.3	53.38	32.34	7.84	33.36	214	63	P	H
		5459.92	46.38	-7.62	54	39.56	32.34	7.84	33.36	214	63	A	H
	*	5510	100.68	------	------	93.76	32.36	7.96	33.4	214	63	P	H
802.11n		5510	93.44	------	------	86.52	32.36	7.96	33.4	214	63	A	H
HT40		5760.59	46.54	-21.76	68.3	38.99	32.51	8.39	33.35	214	63	P	H
CH 102		5459.68	49.96	-24.04	74	43.14	32.34	7.84	33.36	264	46	P	V
5510MHz		5468.8	55.42	-12.88	68.3	48.55	32.35	7.88	33.36	264	46	P	V
		5459.92	42.36	-11.64	54	35.54	32.34	7.84	33.36	264	46	A	V
	*	5510	96.87	------	------	89.95	32.36	7.96	33.4	264	46	P	V
		5510	90.18	------	------	83.26	32.36	7.96	33.4	264	46	A	V
		5730.35	46.92	-21.38	68.3	39.34	32.48	8.45	33.35	264	46	P	V
		5431.6	46.22	-27.78	74	39.41	32.34	7.79	33.32	221	60	P	H
		5465.68	46.55	-21.75	68.3	39.68	32.35	7.88	33.36	221	60	P	H
		5459.92	38.36	-15.64	54	31.54	32.34	7.84	33.36	221	60	A	H
	*	5550	102.48	------	------	95.53	32.37	7.97	33.39	221	60	P	H
802.11n		5550	94.82	------	------	87.87	32.37	7.97	33.39	221	60	A	H
HT40		5738.855	46.27	-22.03	68.3	38.71	32.49	8.42	33.35	221	60	P	H
CH 110		5362.48	45.56	-28.44	74	38.75	32.31	7.69	33.19	260	48	P	V
5550MHz		5467.6	44.19	-24.11	68.3	37.32	32.35	7.88	33.36	260	48	P	V
		5459.92	36.86	-17.14	54	30.04	32.34	7.84	33.36	260	48	A	V
	*	5550	96.17	------	------	89.22	32.37	7.97	33.39	260	48	P	V
		5550	90.21	------	------	83.26	32.37	7.97	33.39	260	48	A	V
		5738.225	45.59	-22.71	68.3	38.03	32.49	8.42	33.35	260	48	P	V

		5425.6	45.88	-28.12	74	39.07	32.33	7.75	33.27	214	58	P	H
		5461.3	44.71	-23.59	68.3	37.89	32.34	7.84	33.36	214	58	P	H
		5459.55	35.57	-18.43	54	28.75	32.34	7.84	33.36	214	58	A	H
	*	5670	102.36	------	------	94.89	32.43	8.41	33.37	214	58	P	H
802.11n		5670	95.42	------	------	87.95	32.43	8.41	33.37	214	58	A	H
HT40		5726.325	54.81	-13.49	68.3	47.23	32.48	8.45	33.35	214	58	P	H
CH 134		5377.3	44.44	-29.56	74	37.67	32.31	7.69	33.23	265	55	P	V
5670MHz		5470.05	45.81	-22.49	68.3	38.94	32.35	7.88	33.36	265	55	P	V
		5440.3	35.43	-18.57	54	28.62	32.34	7.79	33.32	265	55	A	V
	*	5670	96.97	------	------	89.5	32.43	8.41	33.37	265	55	P	V
		5670	90.74	------	------	83.27	32.43	8.41	33.37	265	55	A	V
		5731.575	54.53	-13.77	68.3	46.95	32.48	8.45	33.35	265	55	P	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11n		11020	50.02	-23.98	74	58.31	38.84	11.15	58.28	170	230	P	H
HT40		16530	49.37	-18.93	68.3	54.26	39.62	14.29	58.8	160	300	P	H
CH 102		11020	50.54	-23.46	74	58.83	38.84	11.15	58.28	170	230	P	V
5510MHz		16530	49.73	-18.57	68.3	54.62	39.62	14.29	58.8	160	300	P	V
802.11n		11100	50.45	-23.55	74	58.5	38.92	11.22	58.19	160	220	P	H
HT40		16650	49.36	-18.94	68.3	53.57	40.11	14.35	58.67	180	353	P	H
CH 110		11100	50.17	-23.83	74	58.22	38.92	11.22	58.19	155	210	P	V
5550MHz		16650	49.19	-19.11	68.3	53.4	40.11	14.35	58.67	171	352	P	V
802.11n		11340	50.17	-23.83	74	57.54	39.14	11.42	57.93	195	335	P	H
HT40		17010	51.5	-16.8	68.3	53.61	41.61	14.56	58.28	205	310	P	H
CH 134		11340	50.08	-23.92	74	57.45	39.14	11.42	57.93	205	325	P	V
5670MHz		17010	50.19	-18.11	68.3	52.3	41.61	14.56	58.28	185	290	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+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)
		5458.48	54.56	-19.44	74	47.74	32.34	7.84	33.36	100	299	P	H
		5468.32	55.12	-13.18	68.3	48.25	32.35	7.88	33.36	100	299	P	H
		5459.92	46.34	-7.66	54	39.52	32.34	7.84	33.36	100	299	A	H
	*	5530	100.12	------	------	93.2	32.36	7.96	33.4	100	299	P	H
802.11ac		5530	90.43	------	------	83.51	32.36	7.96	33.4	100	299	A	H
VHT80		5731.295	46.26	-22.04	68.3	38.68	32.48	8.45	33.35	100	299	P	H
CH 106		5456.32	50.32	-23.68	74	43.5	32.34	7.84	33.36	100	353	P	V
5530MHz		5468.8	50.28	-18.02	68.3	43.41	32.35	7.88	33.36	100	353	P	V
		5459.92	42.56	-11.44	54	35.74	32.34	7.84	33.36	100	353	A	V
	*	5530	98.48	------	------	91.56	32.36	7.96	33.4	100	353	P	V
		5530	89.17	------	------	82.25	32.36	7.96	33.4	100	353	A	V
		5742.005	45.33	-22.97	68.3	37.77	32.49	8.42	33.35	100	353	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+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)
802.11ac		11060	49.87	-24.13	74	58.01	38.89	11.2	58.23	170	230	P	H
VHT80		16590	48.9	-19.4	68.3	53.5	39.83	14.32	58.75	155	305	P	H
CH 106		11060	49.62	-24.38	74	57.76	38.89	11.2	58.23	166	212	P	V
5530MHz		16590	50.06	-18.24	68.3	54.66	39.83	14.32	58.75	132	343	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5150~5350MHz

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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5144.3	57.5	-16.5	74	50.63	32.24	7.48	32.85	100	295	P	H
		5149.5	47.43	-6.57	54	40.56	32.24	7.48	32.85	100	295	A	H
		5250	96.21	------	------	89.34	32.28	7.61	33.02	100	295	P	H
	*	5250	88.59	------	------	81.72	32.28	7.61	33.02	100	295	A	H
802.11ac		5367.84	57.61	-16.39	74	50.8	32.31	7.69	33.19	100	295	P	H
VHT160		5350.08	48.67	-5.33	54	41.87	32.31	7.68	33.19	100	295	A	H
CH 50		5148.2	55.75	-18.25	74	48.88	32.24	7.48	32.85	103	353	P	V
5250MHz		5144.3	44.15	-9.85	54	37.28	32.24	7.48	32.85	103	353	A	V
		5250	91.55	------	------	84.68	32.28	7.61	33.02	103	353	P	V
	*	5250	84.52	------	------	77.65	32.28	7.61	33.02	103	353	A	V
		5357.76	48.46	-25.54	74	41.66	32.31	7.68	33.19	103	353	P	V
		5350.56	40.75	-13.25	54	33.95	32.31	7.68	33.19	103	353	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

5150~5350MHz

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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10500	50.94	-17.36	68.3	60.54	38.37	10.87	58.84	155	321	P	H
VHT160		15750	49.62	-24.38	74	56.74	38.2	13.84	59.16	150	291	P	H
CH 50		10500	50.94	-17.36	68.3	60.54	38.37	10.87	58.84	155	321	P	V
5250MHz		15750	49.62	-24.38	74	56.74	38.2	13.84	59.16	150	291	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 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)
		5147.68	52.45	-21.55	74	45.58	32.24	7.48	32.85	100	294	P	H
		5150	44.62	-9.38	54	37.75	32.24	7.48	32.85	100	294	A	H
802.11ax	*	5180	106.89	-	-	100	32.25	7.53	32.89	100	294	P	H
HE20 Full		5180	98.92	------	------	92.03	32.25	7.53	32.89	100	294	A	H
CH 36		5148.98	51.3	-22.7	74	44.43	32.24	7.48	32.85	100	358	P	V
5180MHz		5150	42.06	-11.94	54	35.19	32.24	7.48	32.85	100	358	A	V
	*	5180	101.79	-	-	94.9	32.25	7.53	32.89	100	358	P	V
		5180	94.41	------	------	87.52	32.25	7.53	32.89	100	358	A	V
		5146.9	48.73	-25.27	74	41.86	32.24	7.48	32.85	100	293	P	H
		5149.5	38.32	-15.68	54	31.45	32.24	7.48	32.85	100	293	A	H
	*	5220	107.2	-	-	100.35	32.26	7.57	32.98	100	293	P	H
		5220	98.61	------	------	91.76	32.26	7.57	32.98	100	293	A	H
802.11ax		5383.92	44.89	-29.11	74	38.1	32.32	7.7	33.23	100	293	P	H
HE20 Full		5351.04	35.27	-18.73	54	28.47	32.31	7.68	33.19	100	293	A	H
CH 44		5135.46	46.22	-27.78	74	39.33	32.24	7.46	32.81	163	357	P	V
5220MHz		5149.5	36.89	-17.11	54	30.02	32.24	7.48	32.85	163	357	A	V
	*	5220	104.36	-	-	97.51	32.26	7.57	32.98	163	357	P	V
		5220	94.38	------	------	87.53	32.26	7.57	32.98	163	357	A	V
		5351.28	43.86	-30.14	74	37.06	32.31	7.68	33.19	163	357	P	V
		5442.96	35.23	-18.77	54	28.42	32.34	7.79	33.32	163	357	A	V

		5144.82	46.66	-27.34	74	39.79	32.24	7.48	32.85	100	293	P	H
		5148.46	36.91	-17.09	54	30.04	32.24	7.48	32.85	100	293	A	H
	*	5240	106.02	-	-	99.14	32.27	7.59	32.98	100	293	P	H
		5240	98.76	------	------	91.88	32.27	7.59	32.98	100	293	A	H
802.11ax		5448.24	44.84	-29.16	74	37.98	32.34	7.84	33.32	100	293	P	H
HE20 Full		5354.4	35.25	-18.75	54	28.45	32.31	7.68	33.19	100	293	A	H
CH 48		5025.48	46.98	-27.02	74	40.12	32.21	7.29	32.64	149	356	P	V
5240MHz		5074.36	36.78	-17.22	54	29.91	32.22	7.38	32.73	149	356	A	V
	*	5240	102.93	-	-	96.05	32.27	7.59	32.98	149	356	P	V
		5240	96.6	------	------	89.72	32.27	7.59	32.98	149	356	A	V
		5366.64	46.13	-27.87	74	39.32	32.31	7.69	33.19	149	356	P	V
		5430.96	35.22	-18.78	54	28.41	32.34	7.79	33.32	149	356	A	V

Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11ax 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	49.12	-19.18	68.3	59.06	38.25	10.8	58.99	152	260	P	H
HE20 Full		15540	50.61	-23.39	74	56.93	38.94	13.67	58.93	189	238	P	H
CH 36		10360	48.55	-19.75	68.3	58.49	38.25	10.8	58.99	152	260	P	V
5180MHz		15540	50.15	-23.85	74	56.47	38.94	13.67	58.93	189	238	P	V
802.11ax		10440	49.43	-18.87	68.3	59.2	38.31	10.84	58.92	150	230	P	H
HE20 Full		15660	50.87	-23.13	74	57.63	38.54	13.76	59.06	160	225	P	H
CH 44		10440	49.78	-18.52	68.3	59.55	38.31	10.84	58.92	150	230	P	V
5220MHz		15660	50.55	-23.45	74	57.31	38.54	13.76	59.06	160	225	P	V
802.11ax		10480	49.9	-18.4	68.3	59.53	38.36	10.87	58.86	150	289	P	H
HE20 Full		15720	50.23	-23.77	74	57.23	38.31	13.81	59.12	150	291	P	H
CH 48		10480	50.27	-18.03	68.3	59.9	38.36	10.87	58.86	150	289	P	V
5240MHz		15720	50.41	-23.59	74	57.41	38.31	13.81	59.12	150	291	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 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)
		5150	58.92	-9.38	74	52.05	32.24	7.48	32.85	105	302	P	H
		5150	50.91	-3.09	54	44.04	32.24	7.48	32.85	105	302	A	H
	*	5190	103.01	-	-	96.12	32.25	7.53	32.89	105	302	P	H
		5190	92.33	------	------	85.44	32.25	7.53	32.89	105	302	A	H
802.11ax		5363.68	45.7	-28.3	74	38.89	32.31	7.69	33.19	105	302	P	H
HE40 Full		5353.32	35.14	-18.86	54	28.34	32.31	7.68	33.19	105	302	A	H
CH 38		5143	53.91	-20.09	74	47.04	32.24	7.48	32.85	111	355	P	V
5190MHz		5150	44.54	-9.46	54	37.67	32.24	7.48	32.85	111	355	A	V
	*	5190	99.63	-	-	92.74	32.25	7.53	32.89	111	355	P	V
		5190	89.56	------	------	82.67	32.25	7.53	32.89	111	355	A	V
		5389.44	44.18	-29.82	74	37.39	32.32	7.7	33.23	111	355	P	V
		5351.08	35.08	-18.92	54	28.28	32.31	7.68	33.19	111	355	A	V
		5149.5	49.47	-24.53	74	42.6	32.24	7.48	32.85	100	295	P	H
		5149.76	40.03	-13.97	54	33.16	32.24	7.48	32.85	100	295	A	H
	*	5230	102.8	------	------	95.92	32.27	7.59	32.98	100	295	P	H
		5230	94.5	------	------	87.62	32.27	7.59	32.98	100	295	A	H
802.11ax		5352.48	44.78	-29.22	74	37.98	32.31	7.68	33.19	100	295	P	H
HE40 Full		5350.08	36.37	-17.63	54	29.57	32.31	7.68	33.19	100	295	A	H
CH 46		5144.56	48.64	-25.36	74	41.77	32.24	7.48	32.85	148	360	P	V
5230MHz		5149.76	38.12	-15.88	54	31.25	32.24	7.48	32.85	148	360	A	V
	*	5230	97.17	------	------	90.29	32.27	7.59	32.98	148	360	P	V
		5230	91.11	------	------	84.23	32.27	7.59	32.98	148	360	A	V
		5430.96	43.98	-30.02	74	37.17	32.34	7.79	33.32	148	360	P	V
		5351.52	35.28	-18.72	54	28.48	32.31	7.68	33.19	148	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax 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	51.3	-17	68.3	61.2	38.26	10.81	58.97	150	360	P	H
HE40 Full		15570	50.08	-23.92	74	56.53	38.82	13.7	58.97	155	360	P	H
CH 38		10380	49.72	-18.58	68.3	59.62	38.26	10.81	58.97	150	360	P	V
5190MHz		15570	50.82	-23.18	74	57.27	38.82	13.7	58.97	155	360	P	V
802.11ax		10460	50.23	-18.07	68.3	59.96	38.32	10.85	58.9	150	360	P	H
HE40 Full		15690	50.14	-23.86	74	57.02	38.42	13.79	59.09	150	225	P	H
CH 46		10460	49.85	-18.45	68.3	59.58	38.32	10.85	58.9	150	360	P	V
5230MHz		15690	50.35	-23.65	74	57.23	38.42	13.79	59.09	150	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax 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)
		5146.12	58.8	-15.2	74	51.93	32.24	7.48	32.85	100	295	P	H
		5150	50.52	-3.48	54	43.65	32.24	7.48	32.85	100	295	A	H
	*	5210	99.77	-	-	92.88	32.26	7.57	32.94	100	295	P	H
		5210	92.02	------	------	85.13	32.26	7.57	32.94	100	295	A	H
802.11ax		5380.08	45.08	-28.92	74	38.29	32.32	7.7	33.23	100	295	P	H
HE80 Full		5351.04	36.24	-17.76	54	29.44	32.31	7.68	33.19	100	295	A	H
CH 42		5142.22	55.1	-18.9	74	48.23	32.24	7.48	32.85	111	356	P	V
5210MHz		5150	45.75	-8.25	54	38.88	32.24	7.48	32.85	111	356	A	V
	*	5210	95.55	-	-	88.66	32.26	7.57	32.94	111	356	P	V
		5210	88.43	------	------	81.54	32.26	7.57	32.94	111	356	A	V
		5443.92	45.65	-28.35	74	38.84	32.34	7.79	33.32	111	356	P	V
		5352.96	35.4	-18.6	54	28.6	32.31	7.68	33.19	111	356	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax 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	49.46	-18.84	68.3	59.27	38.29	10.83	58.93	150	360	P	H
HE80 Full		15630	50.35	-23.65	74	57.05	38.59	13.75	59.04	150	225	P	H
CH 42		10420	48.7	-19.6	68.3	58.51	38.29	10.83	58.93	150	360	P	V
5210MHz		15630	50.09	-23.91	74	56.79	38.59	13.75	59.04	150	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11ax 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)
		5026.78	46.14	-27.86	74	39.28	32.21	7.29	32.64	100	296	P	H
		5073.58	36.84	-17.16	54	29.97	32.22	7.38	32.73	100	296	A	H
	*	5260	106.07	-	-	99.19	32.28	7.62	33.02	100	296	P	H
		5260	98.63	------	------	91.75	32.28	7.62	33.02	100	296	A	H
802.11ax		5350.56	44.3	-29.7	74	37.5	32.31	7.68	33.19	100	296	P	H
HE20 Full		5351.28	35.79	-18.21	54	28.99	32.31	7.68	33.19	100	296	A	H
CH 52		5075.4	47.05	-26.95	74	40.18	32.22	7.38	32.73	158	356	P	V
5260MHz		5073.84	36.79	-17.21	54	29.92	32.22	7.38	32.73	158	356	A	V
	*	5260	101.58	-	-	94.7	32.28	7.62	33.02	158	356	P	V
		5260	94.65	------	------	87.77	32.28	7.62	33.02	158	356	A	V
		5449.2	44.37	-29.63	74	37.51	32.34	7.84	33.32	158	356	P	V
		5351.52	35.31	-18.69	54	28.51	32.31	7.68	33.19	158	356	A	V
		5117.25	45.4	-28.6	74	38.55	32.23	7.43	32.81	107	296	P	H
		5072.8	37	-17	54	30.13	32.22	7.38	32.73	107	296	A	H
	*	5300	105.01	-	-	98.18	32.29	7.65	33.11	107	296	P	H
		5300	97.86	------	------	91.03	32.29	7.65	33.11	107	296	A	H
802.11ax		5351.52	46.83	-27.17	74	40.03	32.31	7.68	33.19	107	296	P	H
HE20 Full		5350.32	38.09	-15.91	54	31.29	32.31	7.68	33.19	107	296	A	H
CH 60		5061.25	47.75	-26.25	74	40.86	32.22	7.35	32.68	143	355	P	V
5300MHz		5079.1	36.94	-17.06	54	30.07	32.22	7.38	32.73	143	355	A	V
	*	5300	101.12	-	-	94.29	32.29	7.65	33.11	143	355	P	V
		5300	94.27	------	------	87.44	32.29	7.65	33.11	143	355	A	V
		5437.92	44.71	-29.29	74	37.9	32.34	7.79	33.32	143	355	P	V
		5350.08	36.29	-17.71	54	29.49	32.31	7.68	33.19	143	355	A	V

	*	5320	104.87	-	-	98.02	32.3	7.66	33.11	100	296	P	H
		5320	97.91	------	------	91.06	32.3	7.66	33.11	100	296	A	H
802.11ax		5353.6	59.16	-14.84	74	52.36	32.31	7.68	33.19	100	296	P	H
HE20 Full		5350.08	48.47	-5.53	54	41.67	32.31	7.68	33.19	100	296	A	H
CH 64	*	5320	99.87	-	-	93.02	32.3	7.66	33.11	129	357	P	V
5320MHz		5320	94.32	------	------	87.47	32.3	7.66	33.11	129	357	A	V
		5350.24	48.79	-25.21	74	41.99	32.31	7.68	33.19	129	357	P	V
		5350.24	42.24	-11.76	54	35.44	32.31	7.68	33.19	129	357	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 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)
802.11ax		10520	50.85	-17.45	68.3	60.4	38.39	10.88	58.82	150	220	P	H
HE20 Full		15780	50.19	-23.81	74	57.38	38.14	13.85	59.18	159	345	P	H
CH 52		10520	50.97	-17.33	68.3	60.52	38.39	10.88	58.82	150	220	P	V
5260MHz		15780	50.15	-23.85	74	57.34	38.14	13.85	59.18	159	345	P	V
802.11ax		10600	49.39	-24.61	74	58.72	38.47	10.93	58.73	185	215	P	H
HE20 Full		15900	48.16	-25.84	74	55.78	37.74	13.94	59.3	196	190	P	H
CH 60		10600	50.19	-23.81	74	59.52	38.47	10.93	58.73	185	215	P	V
5300MHz		15900	48.32	-25.68	74	55.94	37.74	13.94	59.3	196	190	P	V
802.11ax		10640	48.77	-25.23	74	58.01	38.5	10.95	58.69	152	135	P	H
HE20 Full		15960	48.37	-25.63	74	56.24	37.51	13.99	59.37	173	245	P	H
CH 64		10640	49.14	-24.86	74	58.38	38.5	10.95	58.69	152	135	P	V
5320MHz		15960	47.62	-26.38	74	55.49	37.51	13.99	59.37	173	245	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax 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		5121.45	46.78	-27.22	74	39.93	32.23	7.43	32.81	100	295	P	H
		5150	37.45	-16.55	54	30.58	32.24	7.48	32.85	100	295	A	H
	*	5270	101.9	------	------	95.02	32.28	7.62	33.02	100	295	P	H
		5270	94.77	------	------	87.89	32.28	7.62	33.02	100	295	A	H
		5354.64	47.18	-26.82	74	40.38	32.31	7.68	33.19	100	295	P	H
		5350.32	38.17	-15.83	54	31.37	32.31	7.68	33.19	100	295	A	H
		5026.25	46.59	-27.41	74	39.73	32.21	7.29	32.64	146	357		V
		5075.95	36.94	-17.06	54	30.07	32.22	7.38	32.73	146	357	P	V
		5270	96.37	------	------	89.49	32.28	7.62	33.02	146	357	A	V
	*	5270	89.04	------	------	82.16	32.28	7.62	33.02	146	357	P	V
		5354.88	44.68	-29.32	74	37.88	32.31	7.68	33.19	146	357	A	V
		5350.08	35.89	-18.11	54	29.09	32.31	7.68	33.19	146	357	P	V
802.11ax HE40 Full CH 62 5310MHz		5035.35	47.32	-26.68	74	40.46	32.21	7.29	32.64	100	295	P	H
		5073.85	36.97	-17.03	54	30.1	32.22	7.38	32.73	100	295	A	H
	*	5310	100.94	-	-	94.09	32.3	7.66	33.11	100	295	P	H
		5310	93.86	------	------	87.01	32.3	7.66	33.11	100	295	A	H
		5351.28	58.99	-15.01	74	52.19	32.31	7.68	33.19	100	295	P	H
		5350.08	50.97	-3.03	54	44.17	32.31	7.68	33.19	100	295	A	H
		5024.85	46.66	-27.34	74	39.8	32.21	7.29	32.64	144	356	P	V
		5075.6	36.94	-17.06	54	30.07	32.22	7.38	32.73	144	356	A	V
	*	5310	96.48	-	-	89.63	32.3	7.66	33.11	144	356	P	V
		5310	89.37	------	------	82.52	32.3	7.66	33.11	144	356	A	V
		5352	53.17	-20.83	74	46.37	32.31	7.68	33.19	144	356	P	V
		5350.08	45.84	-8.16	54	39.04	32.31	7.68	33.19	144	356	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax 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	49.89	-18.41	68.3	59.4	38.4	10.89	58.8	150	220	P	H
HE40 Full		15810	49.81	-24.19	74	57.12	38.03	13.87	59.21	168	345	P	H
CH 54		10540	50.32	-17.98	68.3	59.83	38.4	10.89	58.8	150	220	P	V
5270MHz		15810	50.08	-23.92	74	57.39	38.03	13.87	59.21	168	345	P	V
802.11ax		10620	49.66	-24.34	74	58.95	38.48	10.94	58.71	150	220	P	H
HE40 Full		15930	49.18	-24.82	74	56.92	37.63	13.96	59.33	160	100	P	H
CH 62		10620	49.48	-24.52	74	58.77	38.48	10.94	58.71	150	220	P	V
5310MHz		15930	48.11	-25.89	74	55.85	37.63	13.96	59.33	160	100	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax 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)
		5141.44	46.63	-27.37	74	39.76	32.24	7.48	32.85	100	303	P	H
		5150	38.33	-15.67	54	31.46	32.24	7.48	32.85	100	303	A	H
	*	5290	99.68	-	-	92.81	32.29	7.64	33.06	100	303	P	H
		5290	88.08	------	------	81.21	32.29	7.64	33.06	100	303	A	H
802.11ax		5351.36	57.7	-16.3	74	50.9	32.31	7.68	33.19	100	303	P	H
HE80 Full		5350	50.5	-3.5	54	43.7	32.31	7.68	33.19	100	303	A	H
CH 58		5072.28	46.6	-27.4	74	39.73	32.22	7.38	32.73	109	358	P	V
5290MHz		5143.52	37.38	-16.62	54	30.51	32.24	7.48	32.85	109	358	A	V
	*	5290	99.72	-	-	92.85	32.29	7.64	33.06	109	358	P	V
		5290	88.1	------	------	81.23	32.29	7.64	33.06	109	358	A	V
		5350	53.59	-14.71	68.3	46.79	32.31	7.68	33.19	109	358	P	V
		5350	47.05	-6.95	54	40.25	32.31	7.68	33.19	109	358	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 2 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	49.54	-18.76	68.3	58.92	38.45	10.92	58.75	185	215	P	H
HE80 Full		15870	48.65	-25.35	74	56.21	37.8	13.92	59.28	196	190	P	H
CH 58		10580	49.96	-18.34	68.3	59.34	38.45	10.92	58.75	170	232	P	V
5290MHz		15870	48.59	-25.41	74	56.15	37.8	13.92	59.28	190	130	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 3 - 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)
		5459.6	46.24	-27.76	74	39.42	32.34	7.84	33.36	104	297	P	H
		5469.84	49.8	-18.5	68.3	42.93	32.35	7.88	33.36	104	297	P	H
		5460	38.63	-15.37	54	31.81	32.34	7.84	33.36	104	297	A	H
802.11ax	*	5500	103.85	------	------	96.93	32.36	7.96	33.4	104	297	P	H
HE20 Full		5500	95.39	------	------	88.47	32.36	7.96	33.4	104	297	A	H
CH 100		5458.8	45.71	-28.29	74	38.89	32.34	7.84	33.36	100	353	P	V
5500MHz		5464.24	46.15	-22.15	68.3	39.28	32.35	7.88	33.36	100	353	P	V
		5460	36.98	-17.02	54	30.16	32.34	7.84	33.36	100	353	A	V
	*	5500	98.4	------	------	91.48	32.36	7.96	33.4	100	353	P	V
		5500	92.41	------	------	85.49	32.36	7.96	33.4	100	353	A	V
		5359.12	44.42	-29.58	74	37.62	32.31	7.68	33.19	100	299	P	H
		5464.24	43.97	-24.33	68.3	37.1	32.35	7.88	33.36	100	299	P	H
802.11ax		5459.92	35.41	-18.59	54	28.59	32.34	7.84	33.36	100	299	A	H
HE20 Full	*	5580	101.94	-	-	94.98	32.38	7.97	33.39	100	299	P	H
CH 116		5580	93.86	------	------	86.9	32.38	7.97	33.39	100	299	A	H
5580MHz		5735.39	45.75	-22.55	68.3	38.19	32.49	8.42	33.35	100	299	P	H
		5420.56	44.48	-29.52	74	37.67	32.33	7.75	33.27	153	355	P	V

		5465.2	43.85	-24.45	68.3	36.98	32.35	7.88	33.36	153	355	P	V
		5459.92	35.27	-18.73	54	28.45	32.34	7.84	33.36	153	355	A	V
	*	5580	98.69	-	-	91.73	32.38	7.97	33.39	153	355	P	V
		5580	92.67	------	------	85.71	32.38	7.97	33.39	153	355	A	V
		5764.685	46.2	-22.1	68.3	38.65	32.51	8.39	33.35	153	355	P	V

	*	5700	102.85	-	-	95.24	32.45	8.52	33.36	100	296	P	H
802.11ax		5700	95.13	------	------	87.52	32.45	8.52	33.36	100	296	A	H
HE20 Full		5726.04	64.63	-3.67	68.3	57.05	32.48	8.45	33.35	100	296	P	H
CH 140	*	5700	100.87	-	-	93.26	32.45	8.52	33.36	100	360	P	V
5700MHz		5700	93.48	------	------	85.87	32.45	8.52	33.36	100	360	A	V
		5725.24	64.66	-3.64	68.3	57.08	32.48	8.45	33.35	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax 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	49.3	-24.7	74	57.63	38.83	11.14	58.3	163	230	P	H
HE20 Full		16500	50.2	-18.1	68.3	55.29	39.48	14.27	58.84	196	273	P	H
CH 100		11000	49.17	-24.83	74	57.5	38.83	11.14	58.3	155	212	P	V
5500MHz		16500	49.77	-18.53	68.3	54.86	39.48	14.27	58.84	178	296	P	V
802.11ax		11160	49.64	-24.36	74	57.48	38.99	11.28	58.11	183	32	P	H
HE20 Full		16740	49.66	-18.64	68.3	53.38	40.46	14.4	58.58	163	332	P	H
CH 116		11160	49.39	-24.61	74	57.23	38.99	11.28	58.11	170	200	P	V
5580MHz		16740	49.65	-18.65	68.3	53.37	40.46	14.4	58.58	156	350	P	V
802.11ax		11400	50.79	-23.21	74	57.96	39.21	11.47	57.85	157	285	P	H
HE20 Full		17100	49.46	-18.84	68.3	50.77	42.16	14.69	58.16	165	246	P	H
CH 140		11400	50.14	-23.86	74	57.31	39.21	11.47	57.85	122	291	P	V
5700MHz		17100	49.96	-18.34	68.3	51.27	42.16	14.69	58.16	153	102	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax 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)
		5459.2	52.16	-21.84	74	45.34	32.34	7.84	33.36	100	298	P	H
		5468.56	56.38	-11.92	68.3	49.51	32.35	7.88	33.36	100	298	P	H
		5459.92	44.46	-9.54	54	37.64	32.34	7.84	33.36	100	298	A	H
	*	5510	98.31	-	-	91.39	32.36	7.96	33.4	100	298	P	H
802.11ax		5510	90.44	------	------	83.52	32.36	7.96	33.4	100	298	A	H
HE40 Full		5747.675	46.11	-22.19	68.3	38.55	32.49	8.42	33.35	100	298	P	H
CH 102		5459.92	49.49	-24.51	74	42.67	32.34	7.84	33.36	134	357	P	V
5510MHz		5470	51.79	-16.51	68.3	44.92	32.35	7.88	33.36	134	357	P	V
		5459.92	40.38	-13.62	54	33.56	32.34	7.84	33.36	134	357	A	V
	*	5510	94.65	-	-	87.73	32.36	7.96	33.4	134	357	P	V
		5510	87.44	------	------	80.52	32.36	7.96	33.4	134	357	A	V
		5733.5	46.01	-22.29	68.3	38.43	32.48	8.45	33.35	134	357	P	V
		5452.48	45.18	-28.82	74	38.32	32.34	7.84	33.32	100	299	P	H
		5465.44	45.92	-22.38	68.3	39.05	32.35	7.88	33.36	100	299	P	H
		5459.92	36.64	-17.36	54	29.82	32.34	7.84	33.36	100	299	A	H
	*	5550	97.95	-	-	91	32.37	7.97	33.39	100	299	P	H
802.11ax		5550	90.58	------	------	83.63	32.37	7.97	33.39	100	299	A	H
HE40 Full		5742.32	45.38	-22.92	68.3	37.82	32.49	8.42	33.35	100	299	P	H
CH 110		5402.56	44.11	-29.89	74	37.35	32.32	7.71	33.27	100	354	P	V
5550MHz		5461.6	43.26	-25.04	68.3	36.44	32.34	7.84	33.36	100	354	P	V
		5456.8	35.66	-18.34	54	28.84	32.34	7.84	33.36	100	354	A	V
	*	5550	95.23	-	-	88.28	32.37	7.97	33.39	100	354	P	V
		5550	86.58	------	------	79.63	32.37	7.97	33.39	100	354	A	V
		5727.83	46.41	-21.89	68.3	38.83	32.48	8.45	33.35	100	354	P	V
		5415.1	43.74	-30.26	74	36.93	32.33	7.75	33.27	100	293	P	H
802.11ax		5463.75	43.67	-24.63	68.3	36.8	32.35	7.88	33.36	100	293	P	H
HE40 Full		5444.5	35.1	-18.9	54	28.29	32.34	7.79	33.32	100	293	A	H
CH 134	*	5670	99.03	-	-	91.56	32.43	8.41	33.37	100	293	P	H
5670MHz		5670	92.1	------	------	84.63	32.43	8.41	33.37	100	293	A	H

		5724.925	50.32	-17.98	68.3	42.74	32.48	8.45	33.35	100	293	P	H
		5403.9	43.57	-30.43	74	36.81	32.32	7.71	33.27	112	357	P	V
		5466.55	43.54	-24.76	68.3	36.67	32.35	7.88	33.36	112	357	P	V
		5459.55	35.04	-18.96	54	28.22	32.34	7.84	33.36	112	357	A	V
	*	5670	97.7	-	-	90.23	32.43	8.41	33.37	112	357	P	V
		5670	88.5	------	------	81.03	32.43	8.41	33.37	112	357	A	V
		5731.575	53.17	-15.13	68.3	45.59	32.48	8.45	33.35	112	357	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 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)
802.11ax		11020	48.97	-25.03	74	57.26	38.84	11.15	58.28	170	230	P	H
HE40 Full		16530	50.44	-17.86	68.3	55.33	39.62	14.29	58.8	160	300	P	H
CH 102		11020	49.02	-24.98	74	57.31	38.84	11.15	58.28	170	230	P	V
5510MHz		16530	49.82	-18.48	68.3	54.71	39.62	14.29	58.8	160	300	P	V
802.11ax		11000	49.25	-24.75	74	57.58	38.83	11.14	58.3	163	230	P	H
HE40 Full		16500	49.89	-18.41	68.3	54.98	39.48	14.27	58.84	196	273	P	H
CH 110		11000	48.84	-25.16	74	57.17	38.83	11.14	58.3	155	212	P	V
5550MHz		16500	50.35	-17.95	68.3	55.44	39.48	14.27	58.84	178	296	P	V
802.11ax		11340	49.61	-24.39	74	56.98	39.14	11.42	57.93	195	335	P	H
HE40 Full		17010	50.19	-18.11	68.3	52.3	41.61	14.56	58.28	205	310	P	H
CH 134		11340	50.81	-23.19	74	58.18	39.14	11.42	57.93	205	325	P	V
5670MHz		17010	48.99	-19.31	68.3	51.1	41.61	14.56	58.28	185	290	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax 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)
		5458.72	53.42	-20.58	74	46.6	32.34	7.84	33.36	100	301	P	H
		5466.4	55.12	-13.18	68.3	48.25	32.35	7.88	33.36	100	301	P	H
		5459.92	45.4	-8.6	54	38.58	32.34	7.84	33.36	100	301	A	H
	*	5530	96.5	-	-	89.58	32.36	7.96	33.4	100	301	P	H
802.11ax		5530	89.12	------	------	82.2	32.36	7.96	33.4	100	301	A	H
HE80 Full		5747.675	47.05	-21.25	68.3	39.49	32.49	8.42	33.35	100	301	P	H
CH 106		5458.72	48.28	-25.72	74	41.46	32.34	7.84	33.36	128	354	P	V
5530MHz		5460.88	50.36	-17.94	68.3	43.54	32.34	7.84	33.36	128	354	P	V
		5459.92	41.32	-12.68	54	34.5	32.34	7.84	33.36	128	354	A	V
	*	5530	92.44	-	-	85.52	32.36	7.96	33.4	128	354	P	V
		5530	85.34	------	------	78.42	32.36	7.96	33.4	128	354	A	V
		5756.495	46.13	-22.17	68.3	38.58	32.51	8.39	33.35	128	354	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

Band 3 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	49.4	-24.6	74	57.54	38.89	11.2	58.23	170	230	P	H
HE80 Full		16590	47.3	-21	68.3	51.9	39.83	14.32	58.75	155	305	P	H
CH 106		11060	49.45	-24.55	74	57.59	38.89	11.2	58.23	166	212	P	V
5530MHz		16590	50.46	-17.84	68.3	55.06	39.83	14.32	58.75	132	343	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

5150~5350MHz

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)
		5146.64	56.24	-17.76	74	49.37	32.24	7.48	32.85	100	294	P	H
		5150	45.94	-8.06	54	39.07	32.24	7.48	32.85	100	294	A	H
		5250	97.13	------	------	90.26	32.28	7.61	33.02	100	294	P	H
	*	5250	87.95	------	------	81.08	32.28	7.61	33.02	100	294	A	H
802.11ax		5350.08	60.68	-13.32	74	53.88	32.31	7.68	33.19	100	294	P	H
HE80 Full		5350.08	50.18	-3.82	54	43.38	32.31	7.68	33.19	100	294	A	H
CH 50		5141.7	53.81	-20.19	74	46.94	32.24	7.48	32.85	104	352	P	V
5250MHz		5142.48	43.24	-10.76	54	36.37	32.24	7.48	32.85	104	352	A	V
		5250	91.46	------	------	84.59	32.28	7.61	33.02	104	352	P	V
	*	5250	85.38	------	------	78.51	32.28	7.61	33.02	104	352	A	V
		5359.2	50.54	-23.46	74	43.74	32.31	7.68	33.19	104	352	P	V
		5352.72	41.01	-12.99	54	34.21	32.31	7.68	33.19	104	352	A	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

5150~5350MHz

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	50.56	-17.74	68.3	60.16	38.37	10.87	58.84	155	321	P	H
HE80 Full		15750	50.56	-23.44	74	57.68	38.2	13.84	59.16	150	291	P	H
CH 50		10500	49.84	-18.46	68.3	59.44	38.37	10.87	58.84	155	321	P	V
5250MHz		15750	49.83	-24.17	74	56.95	38.2	13.84	59.16	150	291	P	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ax HE40 Full (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE40 Full LF		30.97	22.71	-17.29	40	29.87	24.7	0.54	32.4			P	H
		181.32	27.33	-16.17	43.5	43.1	15	1.37	32.14			P	H
		272.5	30.34	-15.66	46	41.82	18.55	1.72	31.75			P	H
		555.74	28.34	-17.66	46	30.49	26.26	2.47	30.88			P	H
		802.12	30.39	-15.61	46	30.5	28.26	2.94	31.31	100	77	P	H
		968.96	33.46	-20.54	54	30.22	31.3	3.26	31.32			P	H
		47.46	29.84	-10.16	40	45.56	16	0.68	32.4	100	136	P	V
		156.1	31.16	-12.34	43.5	45.28	16.8	1.27	32.19			P	V
		182.29	29.96	-13.54	43.5	45.82	14.9	1.38	32.14			P	V
		562.53	28.47	-17.53	46	30.33	26.5	2.49	30.85			P	V
		851.59	31.21	-14.79	46	30.34	29.23	3.05	31.41			P	V
		952.47	33.24	-12.76	46	30.53	30.95	3.23	31.47			P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Partial RU

Band 1 - 5150~5250MHz

WIFI 802.11ax HE20 Partial RU (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)
802.11ax HE20 Partial RU CH 36 5180MHz		5147.94	70.24	-3.76	74	63.37	32.24	7.48	32.85	103	60	P	H
		5150	48.71	-5.29	54	41.84	32.24	7.48	32.85	103	60	A	H
		5180	106.12	------	------	99.23	32.25	7.53	32.89	103	60	P	H
		5180	99.09	------	------	92.2	32.25	7.53	32.89	103	60	A	H
		5146.38	70.15	-3.85	74	63.28	32.24	7.48	32.85	100	323	P	V
		5150	48.54	-5.46	54	41.67	32.24	7.48	32.85	100	323	A	V
		5180	106.13	------	------	99.24	32.25	7.53	32.89	100	323	P	V
		5180	99.04	------	------	92.15	32.25	7.53	32.89	100	323	A	V
Remark	3. No other spurious found. 4. 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		5141.44	47.74	-26.26	74	40.87	32.24	7.48	32.85	104	63	P	H
		5148.72	36.89	-17.11	54	30.02	32.24	7.48	32.85	104	63	A	H
		5240	106.81	------	------	99.93	32.27	7.59	32.98	104	63	P	H
		5240	99.24	------	------	92.36	32.27	7.59	32.98	104	63	A	H
		5350.32	49.43	-24.57	74	42.63	32.31	7.68	33.19	104	63	P	H
		5350.08	35.16	-18.84	54	28.36	32.31	7.68	33.19	104	63	A	H
		5072.02	47.91	-26.09	74	41.04	32.22	7.38	32.73	100	323	P	V
		5051.22	36.77	-17.23	54	29.92	32.21	7.32	32.68	100	323	A	V
		5240	105.08	------	------	98.2	32.27	7.59	32.98	100	323	P	V
		5240	97.91	------	------	91.03	32.27	7.59	32.98	100	323	A	V
		5360.4	46.1	-27.9	74	39.3	32.31	7.68	33.19	100	323	P	V
		5430.48	35.11	-18.89	54	28.3	32.34	7.79	33.32	100	323	A	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

Band 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	48.88	-19.42	68.3	58.35	38.72	10.8	58.99	152	260	P	H
		15540	47.44	-26.56	74	54	38.7	13.67	58.93	189	238	P	H
		10360	49.2	-19.1	68.3	58.67	38.72	10.8	58.99	152	260	P	V
		15540	48.81	-25.19	74	55.37	38.7	13.67	58.93	189	238	P	V
802.11ax HE20 Partial RU CH 48 5240MHz		10480	50.36	-17.94	68.3	59.46	38.89	10.87	58.86	150	289	P	H
		15720	46.83	-27.17	74	54.01	38.13	13.81	59.12	150	291	P	H
		10480	49.61	-18.69	68.3	58.71	38.89	10.87	58.86	150	289	P	V
		15720	48.3	-25.7	74	55.48	38.13	13.81	59.12	150	291	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 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		5148.2	70.09	-3.91	74	63.22	32.24	7.48	32.85	246	276	P	H
		5148.2	49.51	-4.49	54	42.64	32.24	7.48	32.85	246	276	A	H
		5190	101.85	------	------	94.96	32.25	7.53	32.89	246	276	P	H
		5190	91.99	------	------	85.1	32.25	7.53	32.89	246	276	A	H
		5350.24	53	-21	74	46.2	32.31	7.68	33.19	246	276	P	H
		5350	35.42	-18.58	54	28.62	32.31	7.68	33.19	246	276	A	H
		5139.62	66.48	-7.52	74	59.57	32.24	7.48	32.81	244	341	P	V
		5149.76	50.45	-3.55	54	43.58	32.24	7.48	32.85	244	341	A	V
		5190	100.07	------	------	93.18	32.25	7.53	32.89	244	341	P	V
		5190	91.78	------	------	84.89	32.25	7.53	32.89	244	341	A	V
		5351.36	51.93	-22.07	74	45.13	32.31	7.68	33.19	244	341	P	V
		5350	35.17	-18.83	54	28.37	32.31	7.68	33.19	244	341	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		5119.86	58.88	-15.12	74	52.03	32.23	7.43	32.81	246	288	P	H
		5149.5	45.82	-8.18	54	38.95	32.24	7.48	32.85	246	288	A	H
		5230	101.92	------	------	95.04	32.27	7.59	32.98	246	288	P	H
		5230	96.34	------	------	89.46	32.27	7.59	32.98	246	288	A	H
		5360.16	58.62	-15.38	74	51.82	32.31	7.68	33.19	246	288	P	H
		5353.2	41.48	-12.52	54	34.68	32.31	7.68	33.19	246	288	A	H
		5149.76	62.39	-11.61	74	55.52	32.24	7.48	32.85	267	354	P	V
		5141.7	42.95	-11.05	54	36.08	32.24	7.48	32.85	267	354	A	V
		5230	101.13	------	------	94.25	32.27	7.59	32.98	267	354	P	V
		5230	93.37	------	------	86.49	32.27	7.59	32.98	267	354	A	V
		5353.68	57.15	-16.85	74	50.35	32.31	7.68	33.19	267	354	P	V
		5353.44	36.51	-17.49	54	29.71	32.31	7.68	33.19	267	354	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 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	49.92	-18.38	68.3	59.33	38.75	10.81	58.97	150	360	P	H
		15570	49.6	-24.4	74	56.28	38.59	13.7	58.97	155	360	P	H
		10380	49.15	-19.15	68.3	58.56	38.75	10.81	58.97	150	360	P	V
		15570	50.33	-23.67	74	57.01	38.59	13.7	58.97	155	360	P	V
802.11ax HE40 Partial RU CH 46 5230MHz		10460	48.45	-19.85	68.3	57.66	38.84	10.85	58.9	150	360	P	H
		15690	49.6	-24.4	74	56.67	38.23	13.79	59.09	150	225	P	H
		10460	49.8	-18.5	68.3	59.01	38.84	10.85	58.9	150	360	P	V
		15690	50.07	-23.93	74	57.14	38.23	13.79	59.09	150	225	P	V

Band 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 RU CH 42 5210MHz		5146.12	66.63	-7.37	74	59.76	32.24	7.48	32.85	100	294	P	H
		5145.6	49.03	-4.97	54	42.16	32.24	7.48	32.85	100	294	A	H
		5210	98.07	------	------	91.18	32.26	7.57	32.94	100	294	P	H
		5210	88.14	------	------	81.25	32.26	7.57	32.94	100	294	A	H
		5378.64	47.93	-26.07	74	41.14	32.32	7.7	33.23	100	294	P	H
		5354.64	36.02	-17.98	54	29.22	32.31	7.68	33.19	100	294	A	H
		5111.8	53.12	-20.88	74	46.23	32.23	7.43	32.77	114	347	P	V
		5147.94	45.92	-8.08	54	39.05	32.24	7.48	32.85	114	347	A	V
		5210	93.59	------	------	86.7	32.26	7.57	32.94	114	347	P	V
		5210	90.55	------	------	83.66	32.26	7.57	32.94	114	347	A	V
		5371.92	45.88	-28.12	74	39.07	32.31	7.69	33.19	114	347	P	V
		5385.6	35.47	-18.53	54	28.68	32.32	7.7	33.23	114	347	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 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 HE80 Partial RU CH 42 5210MHz		10420	49.05	-19.25	68.3	58.36	38.79	10.83	58.93	150	360	P	H
		15630	50.27	-23.73	74	57.17	38.39	13.75	59.04	150	225	P	H
		10420	50.31	-17.99	68.3	59.62	38.79	10.83	58.93	150	360	P	V
		15630	49.91	-24.09	74	56.81	38.39	13.75	59.04	150	225	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 2 - 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 5260MHz		5049.14	47.14	-26.86	74	40.29	32.21	7.32	32.68	104	61	P	H
		5050.44	36.88	-17.12	54	30.03	32.21	7.32	32.68	104	61	A	H
		5260	106.1	------	------	99.22	32.28	7.62	33.02	104	61	P	H
		5260	99.29	------	------	92.41	32.28	7.62	33.02	104	61	A	H
		5435.52	45.71	-28.29	74	38.9	32.34	7.79	33.32	104	61	P	H
		5352.48	35.4	-18.6	54	28.6	32.31	7.68	33.19	104	61	A	H
		5147.94	48.22	-25.78	74	41.35	32.24	7.48	32.85	100	311	P	V
		5050.18	36.8	-17.2	54	29.95	32.21	7.32	32.68	100	311	A	V
		5260	104.73	------	------	97.86	32.28	7.61	33.02	100	311	P	V
		5260	97.16	------	------	90.29	32.28	7.61	33.02	100	311	A	V
		5453.76	47.59	-26.41	74	40.77	32.34	7.84	33.36	100	311	P	V
		5427.12	35.17	-18.83	54	28.41	32.33	7.75	33.32	100	311	A	V
802.11ax HE20 Partial RU CH 64 5320MHz		5320	106.4	------	------	99.55	32.3	7.66	33.11	100	123	P	H
		5320	98.15	------	------	91.3	32.3	7.66	33.11	100	123	A	H
		5362.88	68.34	-5.66	74	61.53	32.31	7.69	33.19	100	123	P	H
		5351.36	47.32	-6.68	54	40.52	32.31	7.68	33.19	100	123	A	H

		5320	104.55	------	------	97.7	32.3	7.66	33.11	100	323	P	V
		5320	96.44	------	------	89.59	32.3	7.66	33.11	100	323	A	V
		5350.4	67.68	-6.32	74	60.88	32.31	7.68	33.19	100	323	P	V
		5350.08	44	-10	54	37.2	32.31	7.68	33.19	100	323	A	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

Band 2 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	50.37	-17.93	68.3	59.37	38.94	10.88	58.82	150	220	P	H
		15780	46.36	-27.64	74	53.72	37.97	13.85	59.18	159	345	P	H
		10520	50.56	-17.74	68.3	59.56	38.94	10.88	58.82	150	220	P	V
		15780	47.48	-26.52	74	54.84	37.97	13.85	59.18	159	345	P	V
802.11ax HE20 Partial RU CH 64 5320MHz		10640	49.52	-24.48	74	58.16	39.1	10.95	58.69	152	135	P	H
		15960	45.17	-28.83	74	53.15	37.4	13.99	59.37	173	245	P	H
		10640	50.09	-23.91	74	58.73	39.1	10.95	58.69	152	135	P	V
		15960	46.63	-27.37	74	54.61	37.4	13.99	59.37	173	245	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

Band 2 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		5120.05	51.71	-22.29	74	44.86	32.23	7.43	32.81	213	322	P	H
		5147.35	37.27	-16.73	54	30.4	32.24	7.48	32.85	213	322	A	H
		5270	101.18	------	------	94.3	32.28	7.62	33.02	213	322	P	H
		5270	89.55	------	------	82.67	32.28	7.62	33.02	213	322	A	H
		5358.96	63.72	-10.28	74	56.92	32.31	7.68	33.19	213	322	P	H
		5351.76	44.45	-9.55	54	37.65	32.31	7.68	33.19	213	322	A	H
		5103.25	48.96	-25.04	74	42.09	32.23	7.41	32.77	266	357	P	V
		5149.8	37.36	-16.64	54	30.49	32.24	7.48	32.85	266	357	A	V
		5270	100.82	------	------	93.94	32.28	7.62	33.02	266	357	P	V
		5270	93.25	------	------	86.37	32.28	7.62	33.02	266	357	A	V
		5358.96	61.97	-12.03	74	55.17	32.31	7.68	33.19	266	357	P	V
		5350.08	40.92	-13.08	54	34.12	32.31	7.68	33.19	266	357	A	V
Remark	5. No other spurious found. 6. 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		5138.95	55.31	-18.69	74	48.42	32.24	7.46	32.81	100	296	P	H
		5149.45	37.51	-16.49	54	30.64	32.24	7.48	32.85	100	296	A	H
		5310	101.91	------	------	95.06	32.3	7.66	33.11	100	296	P	H
		5310	95.22	------	------	88.37	32.3	7.66	33.11	100	296	A	H
		5365.2	70.02	-3.98	74	63.21	32.31	7.69	33.19	100	296	P	H
		5350.08	49.81	-4.19	54	43.01	32.31	7.68	33.19	100	296	A	H
		5150.15	51.93	-16.37	68.3	45.06	32.24	7.48	32.85	249	0	P	V
		5053.55	37.08	-16.92	54	30.23	32.21	7.32	32.68	249	0	A	V
		5310	97.97	------	------	91.12	32.3	7.66	33.11	249	0	P	V
		5310	90.31	------	------	83.46	32.3	7.66	33.11	249	0	A	V
		5361.6	63.47	-10.53	74	56.66	32.31	7.69	33.19	249	0	P	V
		5350.08	46	-8	54	39.2	32.31	7.68	33.19	249	0	A	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

Band 2 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		10520	48.13	-20.17	68.3	57.13	38.94	10.88	58.82	150	220	P	H
		15780	49.93	-24.07	74	57.29	37.97	13.85	59.18	159	345	P	H
		10520	50.03	-18.27	68.3	59.03	38.94	10.88	58.82	150	220	P	V
		15780	49.56	-24.44	74	56.92	37.97	13.85	59.18	159	345	P	V
802.11ax HE40 Partial RU CH 62 5310MHz		10620	47.42	-26.58	74	56.11	39.08	10.94	58.71	150	220	P	H
		15930	48.55	-25.45	74	56.41	37.51	13.96	59.33	160	100	P	H
		10620	49.71	-24.29	74	58.4	39.08	10.94	58.71	150	220	P	V
		15930	47.73	-26.27	74	55.59	37.51	13.96	59.33	160	100	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax 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 58 5290MHz		5142.45	61.65	-12.35	74	54.78	32.24	7.48	32.85	100	291	P	H
		5148.75	42.73	-11.27	54	35.86	32.24	7.48	32.85	100	291	A	H
		5290	101.83	------	------	94.96	32.29	7.64	33.06	100	291	P	H
		5290	91.43	------	------	84.56	32.29	7.64	33.06	100	291	A	H
		5396.4	66.4	-7.6	74	59.6	32.32	7.71	33.23	100	291	P	H
		5365.44	49.9	-4.1	54	43.09	32.31	7.69	33.19	100	291	A	H
		5142.1	54.84	-19.16	74	47.97	32.24	7.48	32.85	114	347	P	V
		5145.95	39.92	-14.08	54	33.05	32.24	7.48	32.85	114	347	A	V
		5290	96.31	------	------	89.44	32.29	7.64	33.06	114	347	P	V
		5290	87.5	------	------	80.63	32.29	7.64	33.06	114	347	A	V
		5365.68	63.79	-10.21	74	56.98	32.31	7.69	33.19	114	347	P	V
		5375.76	44.32	-9.68	54	37.55	32.31	7.69	33.23	114	347	A	V
Remark	5. No other spurious found. 6. 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 RU CH 58 5290MHz		5142.45	51.5	-22.5	74	44.63	32.24	7.48	32.85	100	298	P	H
		5144.2	38.46	-15.54	54	31.59	32.24	7.48	32.85	100	298	A	H
		5290	98.96	------	------	92.09	32.29	7.64	33.06	100	298	P	H
		5290	88.61	------	------	81.74	32.29	7.64	33.06	100	298	A	H
		5359.92	65.67	-8.33	74	58.87	32.31	7.68	33.19	100	298	P	H
		5350.08	50.23	-3.77	54	43.43	32.31	7.68	33.19	100	298	A	H
		5131.6	56.27	-17.73	74	49.38	32.24	7.46	32.81	114	347	P	V
		5130.9	38.47	-15.53	54	31.58	32.24	7.46	32.81	114	347	A	V
		5290	94.48	------	------	87.61	32.29	7.64	33.06	114	347	P	V
		5290	86.38	------	------	79.51	32.29	7.64	33.06	114	347	A	V
		5368.32	63.16	-10.84	74	56.35	32.31	7.69	33.19	114	347	P	V
		5350.08	50.12	-3.88	54	43.32	32.31	7.68	33.19	114	347	A	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial 484 (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 RU CH 58 5290MHz		10580	47.78	-20.52	68.3	56.58	39.03	10.92	58.75	185	215	P	H
		15870	49.1	-24.9	74	56.8	37.66	13.92	59.28	196	190	P	H
		10580	50.17	-18.13	68.3	58.97	39.03	10.92	58.75	170	232	P	V
		15870	48.77	-25.23	74	56.47	37.66	13.92	59.28	190	130	P	V
802.11ax HE80 Partial RU CH 58 5290MHz		10580	50.01	-18.29	68.3	58.81	39.03	10.92	58.75	185	215	P	H
		15870	49.79	-24.21	74	57.49	37.66	13.92	59.28	196	190	P	H
		10580	50.54	-17.76	68.3	59.34	39.03	10.92	58.75	170	232	P	V
		15870	49.84	-24.16	74	57.54	37.66	13.92	59.28	100	0	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

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 100 5500MHz		5456.08	57.43	-16.57	74	50.61	32.34	7.84	33.36	111	121	P	H
		5469.2	60.34	-7.96	68.3	53.47	32.35	7.88	33.36	111	121	P	H
		5456.08	36.24	-17.76	54	29.42	32.34	7.84	33.36	111	121	A	H
		5500	101.38	------	------	94.46	32.36	7.96	33.4	111	121	P	H
		5500	93.52	------	------	86.6	32.36	7.96	33.4	111	121	A	H
													H
		5456.4	59.25	-14.75	74	52.43	32.34	7.84	33.36	111	356	P	V
		5468.72	65.09	-3.21	68.3	58.22	32.35	7.88	33.36	111	356	P	V
		5450.48	36.14	-17.86	54	29.28	32.34	7.84	33.32	111	356	A	V
		5500	98.4	------	------	91.48	32.36	7.96	33.4	111	356	P	V
		5500	89.47	------	------	82.55	32.36	7.96	33.4	111	356	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	100.64	------	------	93.03	32.45	8.52	33.36	248	277	P	H
		5700	93.21	------	------	85.6	32.45	8.52	33.36	248	277	A	H
		5725	64.03	-4.27	68.3	56.45	32.48	8.45	33.35	248	277	P	H
		5700	99.99	------	------	92.38	32.45	8.52	33.36	225	0	P	V
		5700	92.11	------	------	84.5	32.45	8.52	33.36	225	0	A	V
		5727.96	65.21	-3.09	68.3	57.63	32.48	8.45	33.35	225	0	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 3 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	49.9	-24.1	74	57.46	39.6	11.14	58.3	163	230	P	H
		16500	46.85	-21.45	68.3	52.7	38.72	14.27	58.84	196	273	P	H
		11000	50.86	-23.14	74	58.42	39.6	11.14	58.3	155	212	P	V
		16500	47.34	-20.96	68.3	53.19	38.72	14.27	58.84	178	296	P	V
802.11ax HE20 Partial RU CH 140 5700MHz		11400	50.68	-23.32	74	57.7	39.36	11.47	57.85	157	285	P	H
		17100	47.62	-20.68	68.3	50.39	40.7	14.69	58.16	165	246	P	H
		11400	50.41	-23.59	74	57.43	39.36	11.47	57.85	122	291	P	V
		17100	48.17	-20.13	68.3	50.94	40.7	14.69	58.16	153	102	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax 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	56.26	-17.74	74	49.44	32.34	7.84	33.36	100	295	P	H
		5469.52	63.3	-5	68.3	56.43	32.35	7.88	33.36	100	295	P	H
		5459.92	38.19	-15.81	54	31.37	32.34	7.84	33.36	100	295	A	H
		5510	96.44	------	------	89.52	32.36	7.96	33.4	100	295	P	H
		5510	89.38	------	------	82.46	32.36	7.96	33.4	100	295	A	H
		5760.59	46.7	-21.6	68.3	39.15	32.51	8.39	33.35	100	295	P	H
		5456.32	53.26	-20.74	74	46.44	32.34	7.84	33.36	148	356	P	V
		5465.68	61.67	-6.63	68.3	54.8	32.35	7.88	33.36	148	356	P	V
		5459.92	36.64	-17.36	54	29.82	32.34	7.84	33.36	148	356	A	V
		5510	92.2	------	------	85.28	32.36	7.96	33.4	148	356	P	V
		5510	84.44	------	------	77.52	32.36	7.96	33.4	148	356	A	V
		5732.87	46.8	-21.5	68.3	39.22	32.48	8.45	33.35	148	356	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		5381.15	45.41	-28.59	74	38.62	32.32	7.7	33.23	100	294	P	H
		5469.35	45.57	-22.73	68.3	38.7	32.35	7.88	33.36	100	294	P	H
		5425.95	35.4	-18.6	54	28.59	32.33	7.75	33.27	100	294	A	H
		5670	96.31	------	------	88.84	32.43	8.41	33.37	100	294	P	H
		5670	88.94	------	------	81.47	32.43	8.41	33.37	100	294	A	H
		5725.275	59.61	-8.69	68.3	52.03	32.48	8.45	33.35	100	294	P	H
		5385.35	46.13	-27.87	74	39.34	32.32	7.7	33.23	100	357	P	V
		5468.3	45.35	-22.95	68.3	38.48	32.35	7.88	33.36	100	357	P	V
		5430.85	35.38	-18.62	54	28.57	32.34	7.79	33.32	100	357	A	V
		5670	97.05	------	------	89.58	32.43	8.41	33.37	100	357	P	V
		5670	89.79	------	------	82.32	32.43	8.41	33.37	100	357	A	V
		5729.475	64.01	-4.29	68.3	56.43	32.48	8.45	33.35	100	357	P	V

Remark

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

Band 3 5470~5725MHz

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 102 5510MHz		11020	47.7	-26.3	74	55.24	39.59	11.15	58.28	170	230	P	H
		16530	48.57	-19.73	68.3	54.26	38.82	14.29	58.8	160	300	P	H
		11020	49.17	-24.83	74	56.71	39.59	11.15	58.28	170	230	P	V
		16530	47.78	-20.52	68.3	53.47	38.82	14.29	58.8	160	300	P	V
802.11ax HE40 Partial RU CH 134 5670MHz		11340	48.61	-25.39	74	55.72	39.4	11.42	57.93	195	335	P	H
		17010	49.14	-19.16	68.3	52.66	40.2	14.56	58.28	205	310	P	H
		11340	50.3	-23.7	74	57.41	39.4	11.42	57.93	205	325	P	V
		17010	49	-19.3	68.3	52.52	40.2	14.56	58.28	185	290	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 3 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		5451.04	60.26	-13.74	74	53.4	32.34	7.84	33.32	100	295	P	H
		5460.4	63.4	-4.9	68.3	56.58	32.34	7.84	33.36	100	295	P	H
		5459.92	40.97	-13.03	54	34.15	32.34	7.84	33.36	100	295	A	H
		5530	96.97	------	------	90.05	32.36	7.96	33.4	100	295	P	H
		5530	87.43	------	------	80.51	32.36	7.96	33.4	100	295	A	H
		5734.76	45.48	-22.82	68.3	37.92	32.49	8.42	33.35	100	295	P	H
		5429.92	53.17	-20.83	74	46.36	32.34	7.79	33.32	100	296	P	V
		5463.52	45.03	-23.27	68.3	38.16	32.35	7.88	33.36	100	296	P	V
		5459.92	37.61	-16.39	54	30.79	32.34	7.84	33.36	100	296	A	V
		5530	88.76	------	------	81.84	32.36	7.96	33.4	100	296	P	V
		5530	79.77	------	------	72.85	32.36	7.96	33.4	100	296	A	V
		5745.47	45.67	-22.63	68.3	38.11	32.49	8.42	33.35	100	296	P	V

Remark

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

Band 3 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 HE80 Partial RU CH 106 5530MHz		11060	47.78	-26.22	74	55.25	39.56	11.2	58.23	170	230	P	H
		16590	49.58	-18.72	68.3	55.05	38.96	14.32	58.75	155	305	P	H
		11060	49.97	-24.03	74	57.44	39.56	11.2	58.23	166	212	P	V
		16590	48.02	-20.28	68.3	53.49	38.96	14.32	58.75	132	343	P	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	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)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

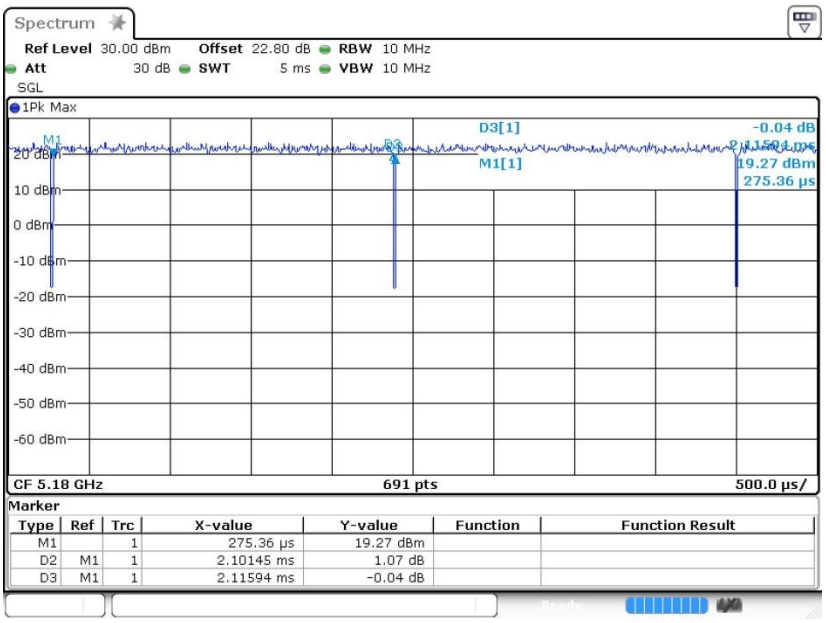
= -10.46(dB)

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

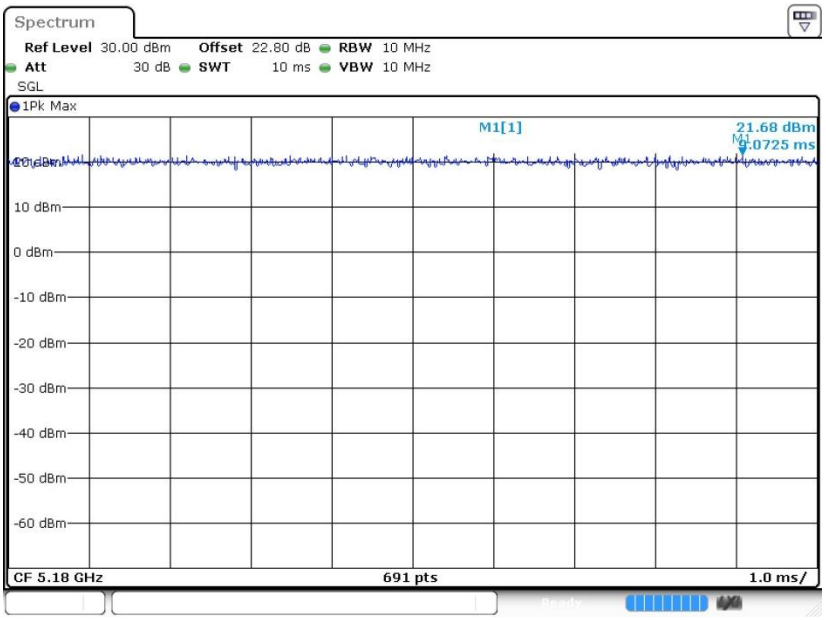
Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	99.32	-	-	10Hz
802.11n HT20	100	1	1	10Hz
802.11n HT40	100	1	1	10Hz
802.11ac VHT80	100	1	1	10Hz
802.11ac VHT160	100	1	1	10Hz
802.11 ax HE 20	100	1	1	10Hz
802.11 ax HE 40	100	1	1	10Hz
802.11 ax HE 80	100	1	1	10Hz
802.11ax HE160	100	1	1	10Hz

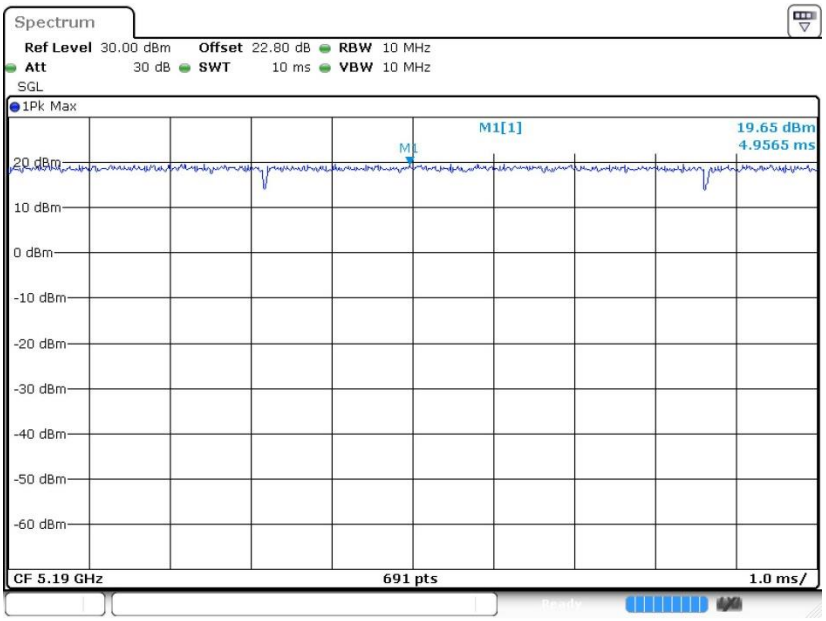
802.11a



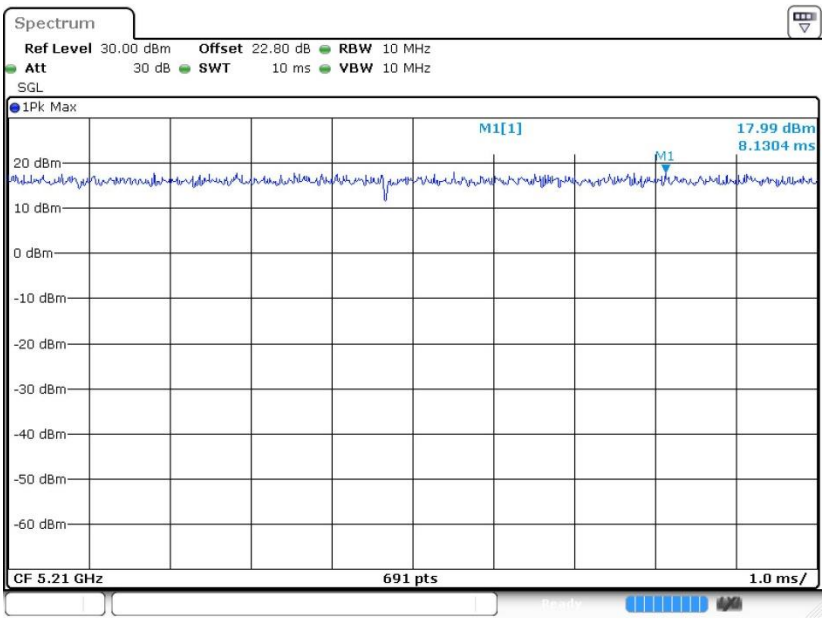
802.11n HT20



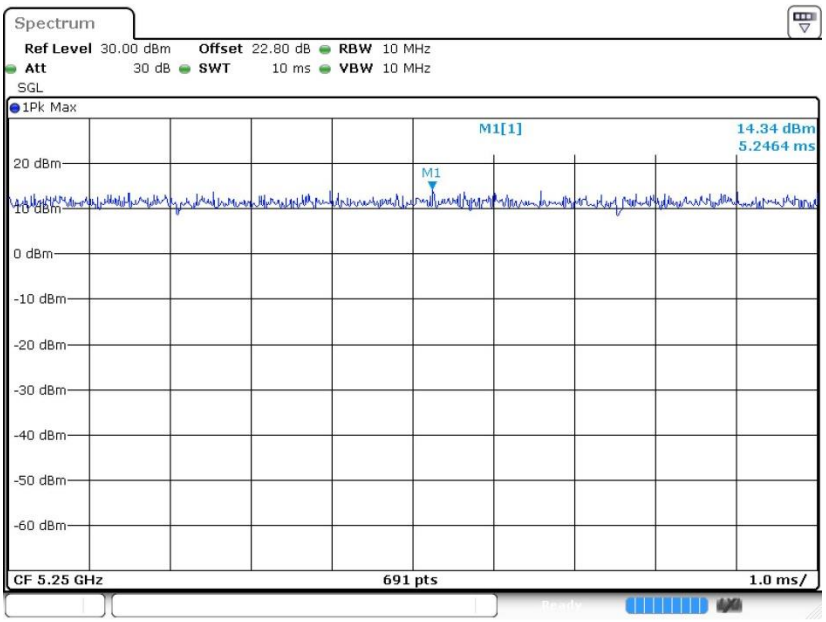
802.11n HT40



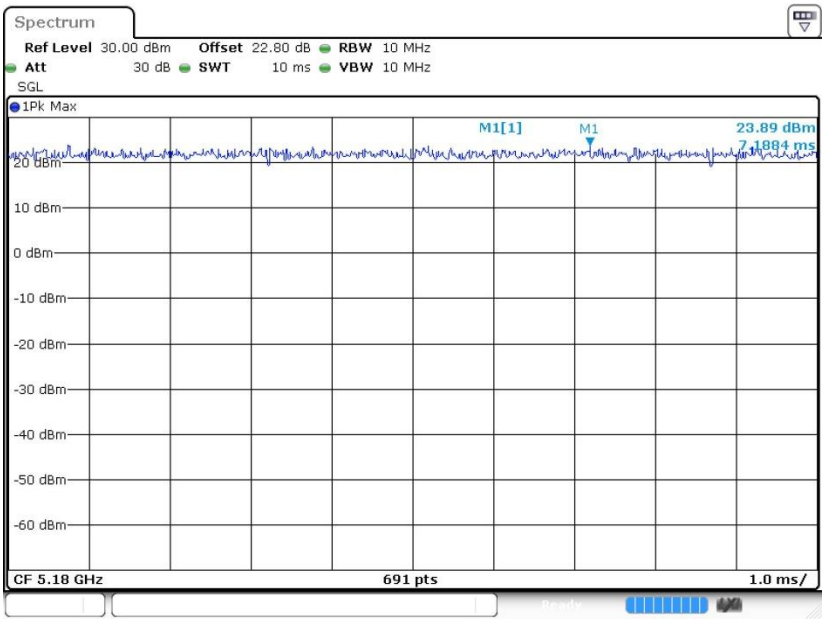
802.11ac VHT80



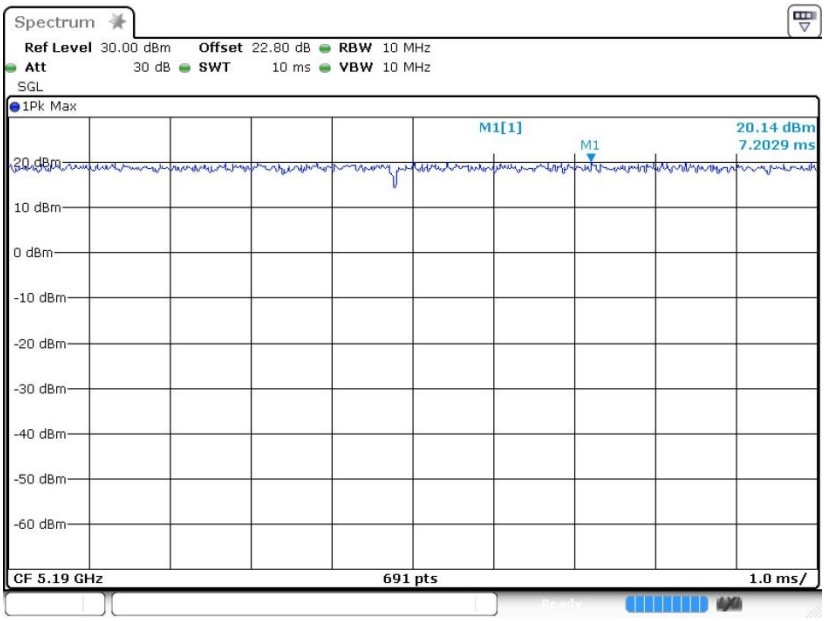
802.11ac VHT160



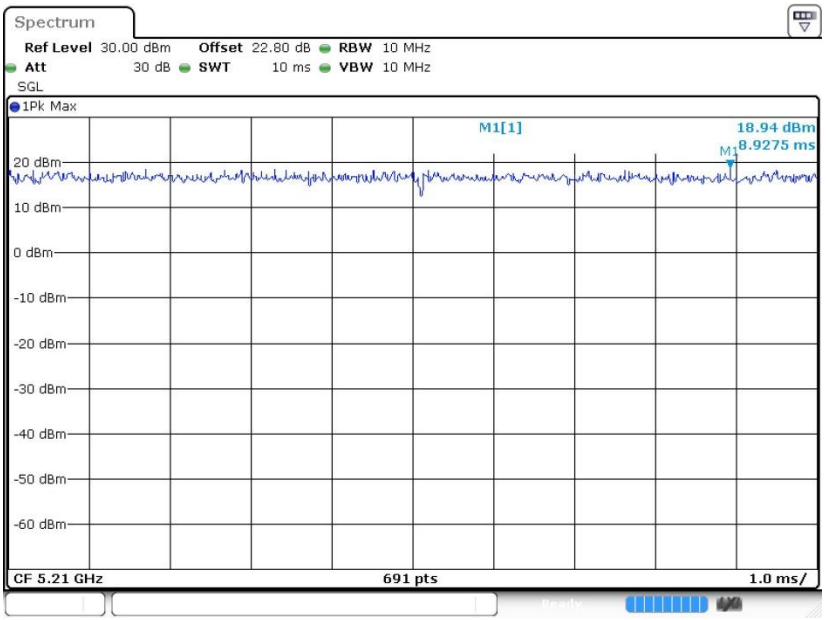
802.11ax HE20



802.11ax HE40



802.11ax HE80



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