FCC RF Test Report

APPLICANT	:	Motorola Mobility LLC
EQUIPMENT	:	Mobile Cellular Phone
BRAND NAME	:	Motorola
MODEL NAME	:	XT2153-1
FCC ID	:	IHDT56ZW2
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	May 20, 2021 ~ Jun. 17, 2021

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

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

Reviewed by: Derreck Chen / Supervisor

Approved by: Eric Shih / Manager

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People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR151407E	Rev. 01	Initial issue of report	Jun. 29, 2021
FR151407E	Rev. 02	Modify Antenna type	Jul. 01, 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 3.01 dB at 5469.840 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 22.46 dB at 0.690 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	XT2153-1
FCC ID	IHDT56ZW2
EUT supports Radios application	GSM/WCDMA/LTE/5G NR WLAN 2.4GHz 802.11b/g/n/ac/ax HT20/VHT20/HE20 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80 WLAN 5GHz 802.11ax HE20/HE40/HE80 Bluetooth BR/EDR/LE NFC and GNSS
IMEI Code	Conducted: 366368690016812/356368690016820 Conduction: 356368690019394/356368690019402 Radiation: 356368690018156/356368690018164
HW Version	DVT2
SW Version	RRA31.43
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 ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5700 MHz
Maximum Output Power to Antenna	**<MIMO Ant. 1+2>** **<5180 MHz ~ 5240 MHz>** 802.11a : 18.80 dBm / 0.0759 W 802.11n HT20 : 18.62 dBm / 0.0728 W 802.11n HT40 : 18.72 dBm / 0.0745 W 802.11ac VHT20 : 18.54 dBm / 0.0714 W 802.11ac VHT40 : 18.65 dBm / 0.0733 W 802.11ac VHT80 : 16.48 dBm / 0.0445 W 802.11ax HE20 : 18.75 dBm / 0.0750 W 802.11ax HE 40 : 18.76 dBm / 0.0752 W 802.11ax HE 80 : 16.49 dBm / 0.0446 W **<5260 MHz ~ 5320 MHz>** 802.11a : 19.01 dBm / 0.0796 W 802.11n HT20 : 18.78 dBm / 0.0755 W 802.11n HT40 : 18.97 dBm / 0.0789 W 802.11ac VHT20 : 18.71 dBm / 0.0743 W 802.11ac VHT40 : 18.88 dBm / 0.0773 W 802.11ac VHT80 : 16.45 dBm / 0.0442 W 802.11ax HE20 : 18.87 dBm / 0.0771 W 802.11ax HE 40 : 18.76 dBm / 0.0752 W 802.11ax HE 80 : 15.96 dBm / 0.0394 W **<5500 MHz ~ 5700 MHz >** 802.11a : 19.21 dBm / 0.0834 W 802.11n HT20 : 18.72 dBm / 0.0745 W 802.11n HT40 : 18.47 dBm / 0.0703 W 802.11ac VHT20 : 18.51 dBm / 0.0710 W 802.11ac VHT40 : 18.42 dBm / 0.0695 W 802.11ac VHT80 : 15.63 dBm / 0.0366 W 802.11ax HE20 : 18.58 dBm / 0.0721 W 802.11ax HE 40 : 18.35 dBm / 0.0684 W 802.11ax HE 80 : 15.62 dBm / 0.0365 W
99% Occupied Bandwidth	**<MIMO Ant. 1+2>** **<5180 MHz ~ 5240 MHz>** 802.11a : 29.87 MHz 802.11n HT20 : 27.12 MHz 802.11n HT40 : 37.76 MHz 802.11ac VHT80 : 75.64 MHz 802.11ax HE20 : 25.52 MHz 802.11ax HE 40 : 39.16 MHz 802.11ax HE 80 : 77.32 MHz **<5260 MHz ~ 5320 MHz >** 802.11a : 29.77 MHz 802.11n HT20 : 26.02 MHz 802.11n HT40 : 36.56 MHz 802.11ac VHT80 : 75.64 MHz 802.11ax HE20 : 22.78 MHz 802.11ax HE 40 : 39.56 MHz 802.11ax HE 80 : 77.32 MHz

<table>
<tr><td></td><td><5500 MHz ~ 5700 MHz >
802.11a : 18.58 MHz
802.11n HT20 : 19.38 MHz
802.11n HT40 : 36.66 MHz
802.11ac VHT80 : 75.52 MHz
802.11ax HE20 : 19.93 MHz
802.11ax HE 40 : 39.26 MHz
802.11ax HE 80 : 77.32 MHz</td></tr>
<tr><td>Antenna Type / Gain</td><td><5180 MHz ~ 5240 MHz >
<Ant. 1> : PIFA antenna with gain -6.0 dBi
<Ant. 2> : PIFA Antenna with gain -6.5 dBi
<5260 MHz ~ 5320 MHz >
<Ant. 1> : PIFA Antenna with gain -6.0 dBi
<Ant. 2> : PIFA Antenna with gain -6.0 dBi
<5500 MHz ~ 5700 MHz >
<Ant. 1> : PIFA Antenna with gain -6.0 dBi
<Ant. 2> : PIFA Antenna with gain -5.0 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 / 1024QAM)</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.**
	03CH01-SZ	CN1256	421272

1.7 Test Software

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

1.8 Applicable Standards

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

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

Remark:

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

1.9 Specification of Accessory

Specification of Accessory				
AC Adapter 1(US)	**Brand Name**	Motorola (Acbel)	**Model Name**	MC-301
AC Adapter 1(EU)	**Brand Name**	Motorola (Acbel)	**Model Name**	MC-302
AC Adapter 1(UK)	**Brand Name**	Motorola (Acbel)	**Model Name**	MC-303
AC Adapter 1(IN)	**Brand Name**	Motorola (Acbel)	**Model Name**	MC-304
AC Adapter 1(AU)	**Brand Name**	Motorola (Acbel)	**Model Name**	MC-305
AC Adapter 1(AR)	**Brand Name**	Motorola (Acbel)	**Model Name**	MC-306
AC Adapter 2(US)	**Brand Name**	Motorola (Salom)	**Model Name**	MC-301
AC Adapter 2(EU)	**Brand Name**	Motorola (Salom)	**Model Name**	MC-302
AC Adapter 2(UK)	**Brand Name**	Motorola (Salom)	**Model Name**	MC-303
AC Adapter 2(AU)	**Brand Name**	Motorola (Salom)	**Model Name**	MC-305
AC Adapter 2(AR)	**Brand Name**	Motorola (Salom)	**Model Name**	MC-306
AC Adapter 2(BR)	**Brand Name**	Motorola (Salom)	**Model Name**	MC-307
AC Adapter 2(BR)	**Brand Name**	Motorola (flex)	**Model Name**	MC-307
Battery	**Brand Name**	Motorola (ATL)	**Model Name**	MT45
Earphone	**Brand Name**	Motorola (Lyand)	**Model Name**	MD211(SH38D20195)
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
HDMI Cable	**Brand Name**	Motorola (Linxee)	**Model Name**	SC18D02146

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)
5180-5240 MHz U-NII-1	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		

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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5500-5700 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

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

2.2 Test Mode

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

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT80	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : GSM 850 Idle + Bluetooth Link + WLAN Link(5G) + USB Cable1(Charging from Adapter2) + Battery

Remark:

For Radiated Test Cases, The tests were performed with Adapter1, Battery and USB Cable1

Ch. #		U-NII-1：5180-5240 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-1：5180-5240 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-1：5180-5240 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-1：5180-5240 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	-	-	-

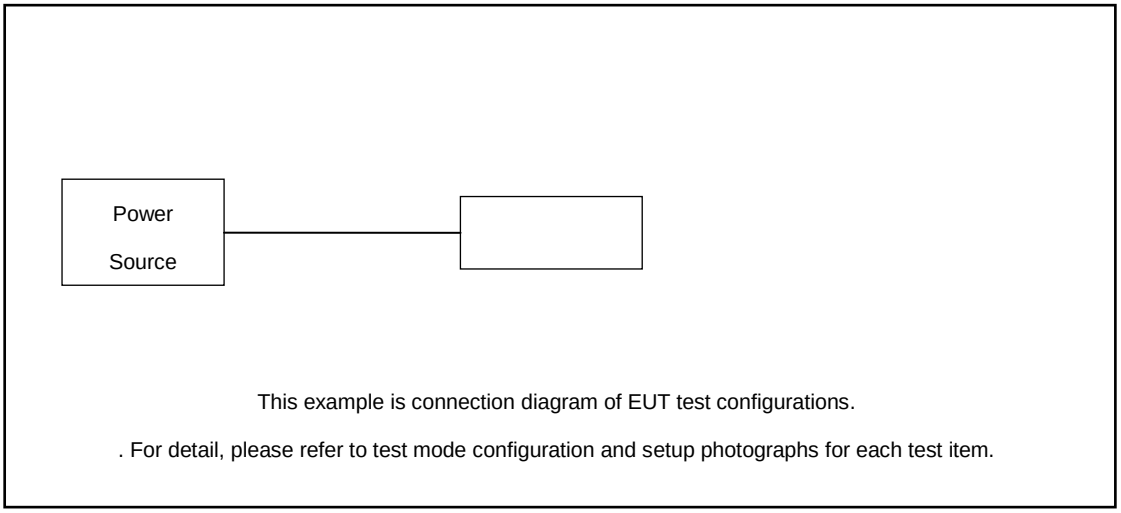
Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500-5700MHz
		802.11ax HE20	802.11ax HE20	802.11ax HE20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140

Ch. #		U-NII-1：5180-5240 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 : 5180-5240 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	-	-	-

2.3 Connection Diagram of Test System

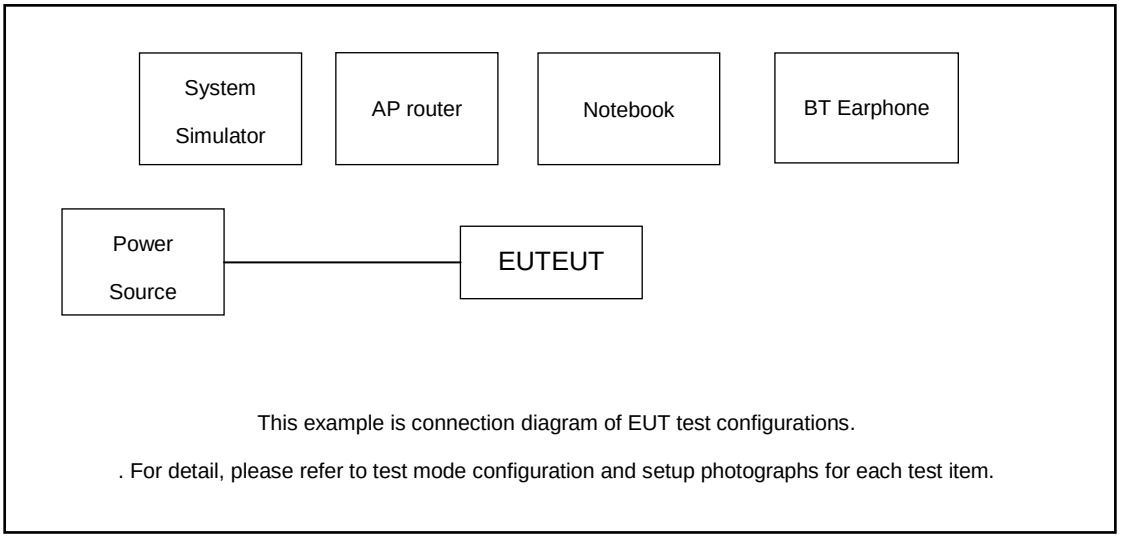
For Radiated Emission



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.	System Simulator	R&S	CMU 200	N/A	N/A	Unshielded, 1.8 m
2.	WLAN AP	D-Link	DIR-820L	KA2IR820LA1	N/A	Unshielded,1.8m
3.	Notebook	DELL	Inspiron 15-7570	Fcc DoC	N/A	AC I/P: Unshielded, 1.8 m DC O/P: Shielded, 1.8 m
4.	Bluetooth Earphone	Samsung	EO-MG900	N/A	N/A	N/A

2.5 EUT Operation Test Setup

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

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

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 2.8 dB and 20dB attenuator.

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

= 2.8 + 20 = 22.8 (dB)

3 Test Result

3.1 26dB & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

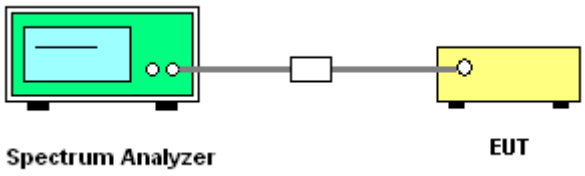
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

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

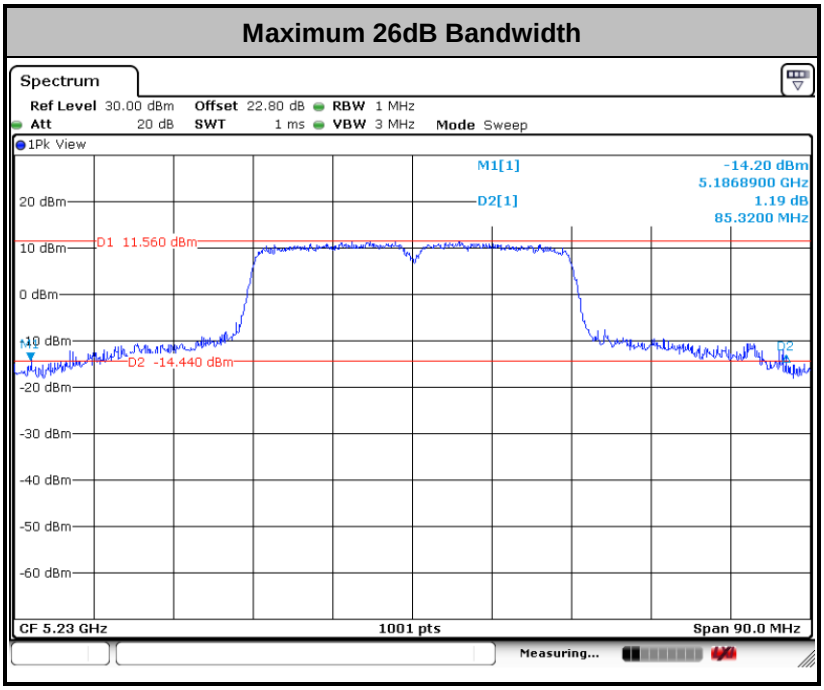
3.1.4 Test Setup



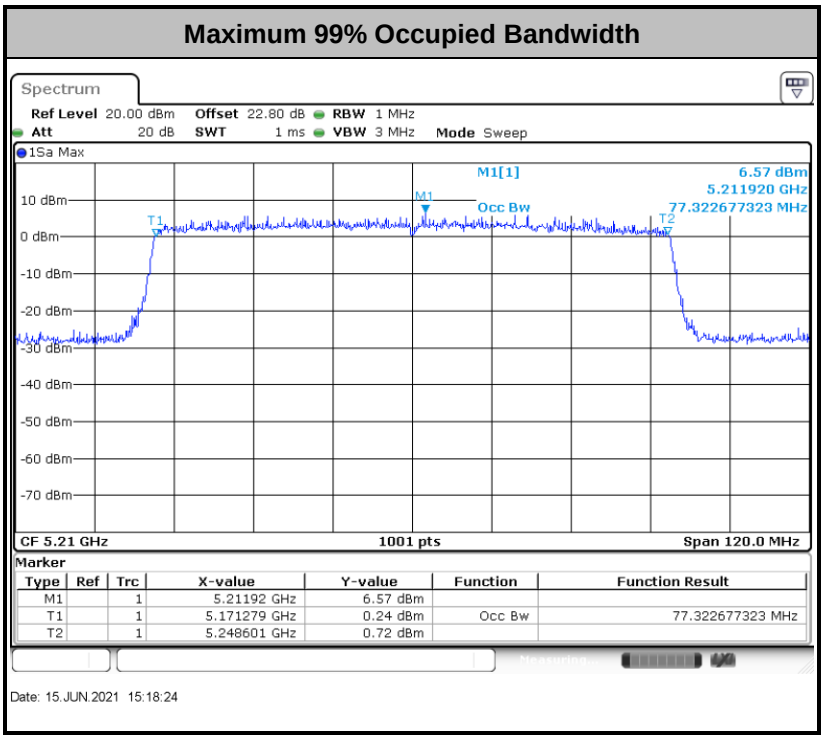
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

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.

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

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

3.2.2 Measuring Instruments

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

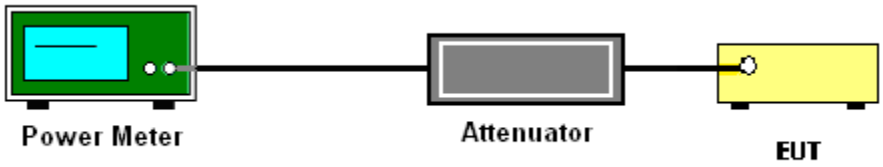
3.2.3 Test Procedures

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

 # Method SA-2 #

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

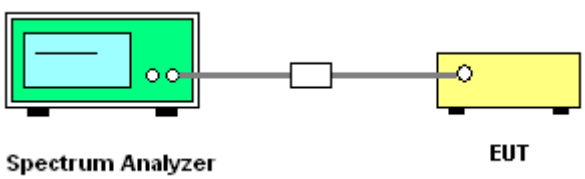
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), 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.

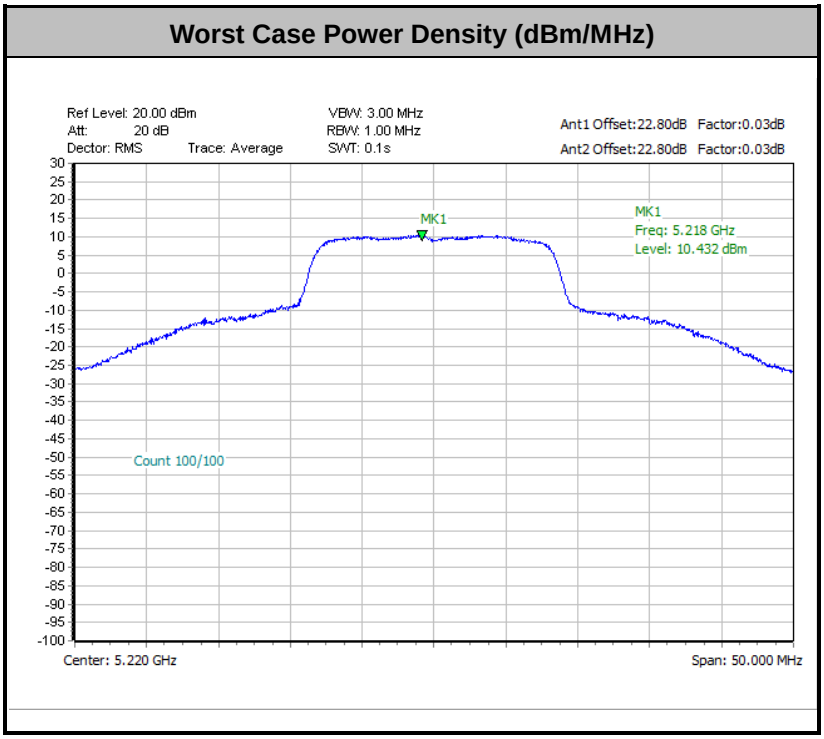
3.3.4 Test Setup



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.

For transmitters operating in the 5470-5600 MHz and 5650-5725MHz band: all emissions outside of the 5470-5600 MHz and 5650-5725MHz band shall not exceed an EIRP of -27 dBm/MHz.

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

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

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

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

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

where

EIRP is the equivalent isotropically radiated power, in dBm

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

d_{Meas} is the measurement distance, in m

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

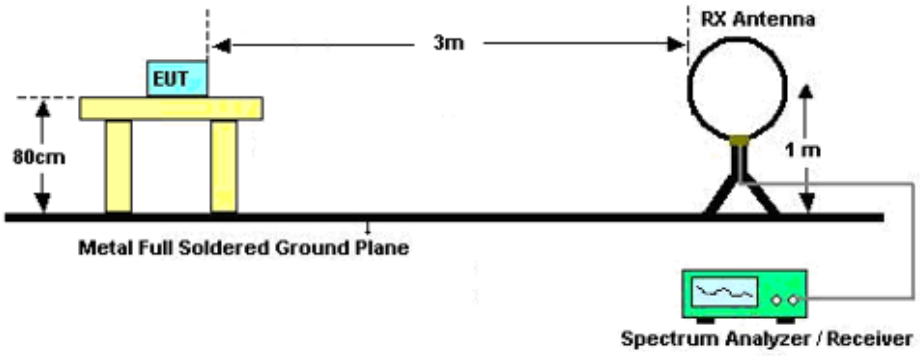
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

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

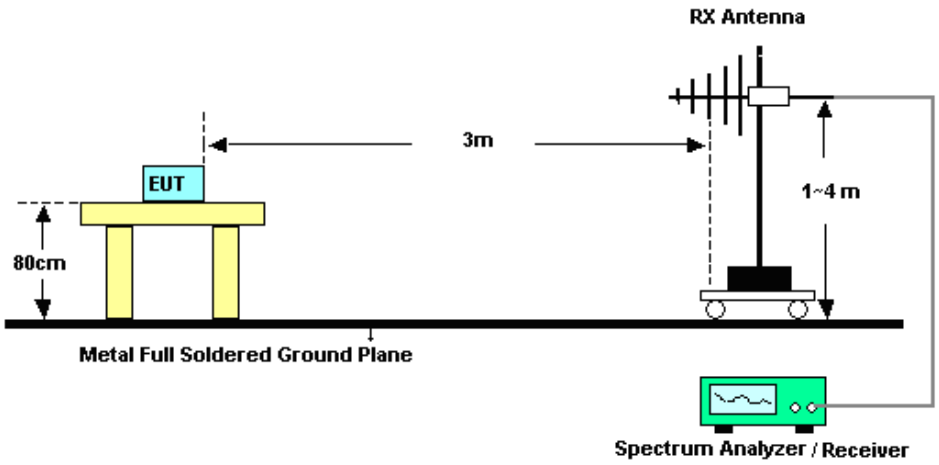
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

3.4.4 Test Setup

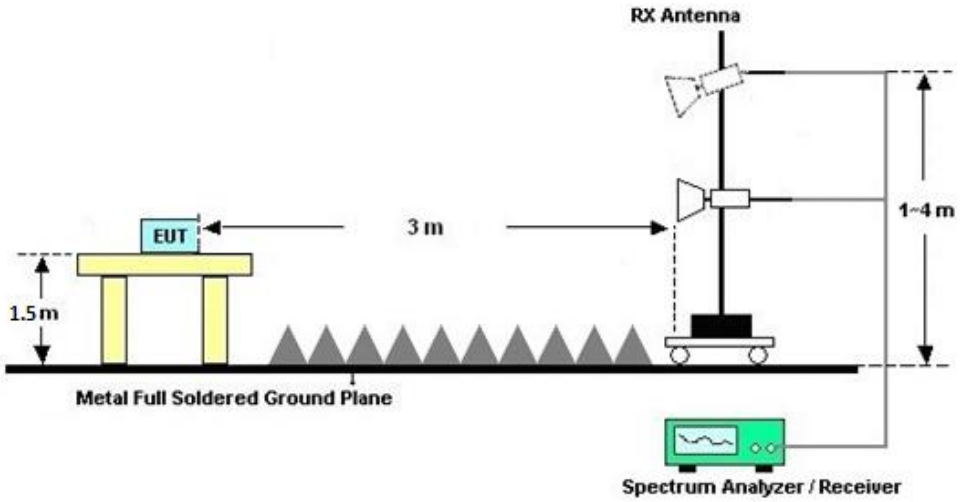
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

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.

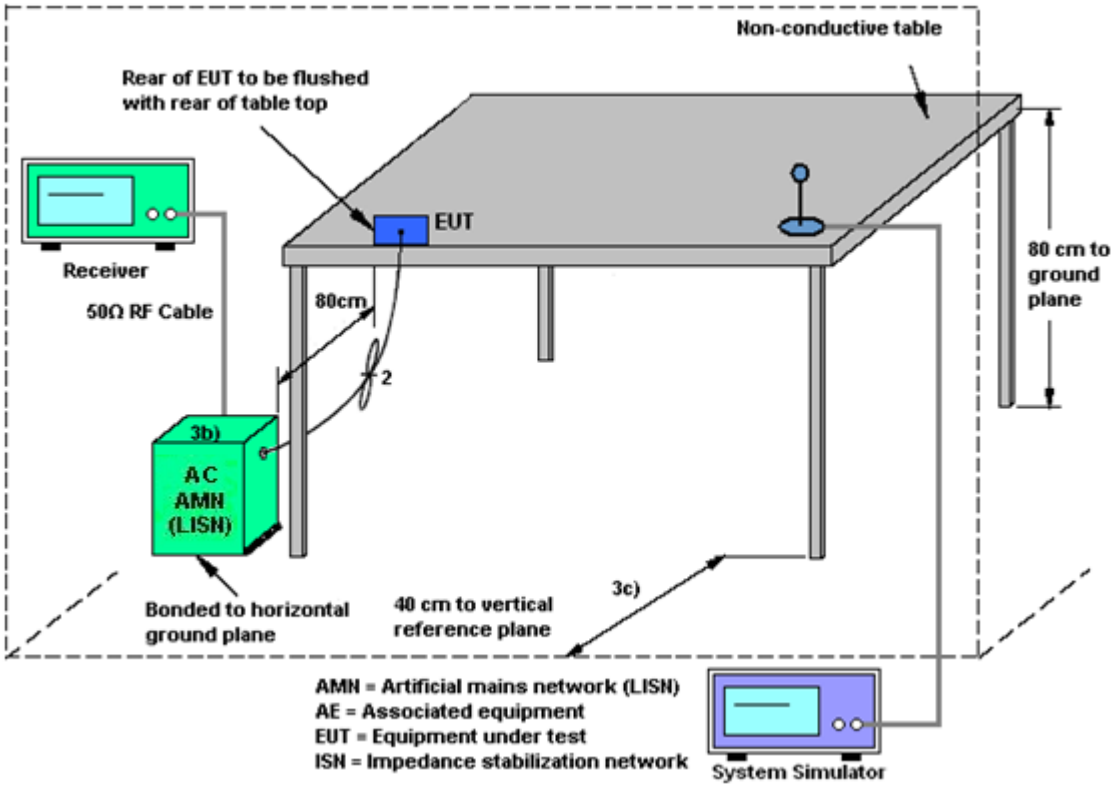
3.5.2 Measuring Instruments

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	-6.00	-6.50	-6.00	-3.24	0.00	0.00
Band II	-6.00	-6.00	-6.00	-2.99	0.00	0.00
Band III	-6.00	-5.00	-5.00	-2.48	0.00	0.00

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

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

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 08, 2021	May 20, 2021~ Jun. 24, 2021	Apr. 07, 2022	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1207253	30MHz~40GHz	Dec. 25, 2020	May 20, 2021~ Jun. 24, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Dec. 25, 2020	May 20, 2021~ Jun. 24, 2021	Dec. 24, 2021	Conducted (TH01-SZ)
EMI Test Receiver&SA	Agilent	N9038A	MY52260185	20Hz~26.5GHz	Jul. 21, 2020	Jun. 17, 2021	Jul. 20, 2021	Radiation (03CH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 21, 2020	Jun. 17, 2021	Jul. 20, 2021	Radiation (03CH01-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jul. 22, 2020	Jun. 17, 2021	Jul. 21, 2021	Radiation (03CH01-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz-2GHz	Jul. 15, 2020	Jun. 17, 2021	Jul. 14, 2021	Radiation (03CH01-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 25, 2020	Jun. 17, 2021	Jul. 24, 2021	Radiation (03CH01-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 23, 2021	Jun. 17, 2021	Apr. 22, 2022	Radiation (03CH01-SZ)
LF Amplifier	Burgeon	BPA-530	102209	0.01~3000Mhz	Apr. 17, 2021	Jun. 17, 2021	Apr. 16, 2022	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 17, 2020	Jun. 17, 2021	Oct. 16, 2021	Radiation (03CH01-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5Ghz	Oct. 16, 2020	Jun. 17, 2021	Oct. 15, 2021	Radiation (03CH01-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 21. 2020	Jun. 17, 2021	Jul. 20. 2021	Radiation (03CH01-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	NCR	Jun. 17, 2021	NCR	Radiation (03CH01-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jun. 17, 2021	NCR	Radiation (03CH01-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jun. 17, 2021	NCR	Radiation (03CH01-SZ)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Mar. 07, 2021	May 28, 2021	Mar. 06, 2022	Conduction (CO01-SZ)
AC LISN	EMCO	3816/2 LISN	00103912	9kHz~30MHz	Dec. 25, 2020	May 28, 2021	Dec. 24, 2021	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 15, 2020	May 28, 2021	Oct. 14, 2021	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Jul. 21, 2020	May 28, 2021	Jul. 20, 2021	Conduction (CO01-SZ)

NCR: No Calibration Required

5 Uncertainty of Evaluation

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.2dB**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.2dB**

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.3dB**

Appendix A. Conducted Test Results

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Zhnag Xue Yi	Temperature:	21~25	°C
Test Date:	2021/5/20~2021/6/24	Relative Humidity:	51~54	%

TEST RESULTS DATA
26dB and 99% OBW

Band I														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)			Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	5180	17.03	17.23	20.55	27.10	-		22.31			
11a	6Mbps	2	44	5220	18.03	29.87	33.95	43.70	-		22.56			
11a	6Mbps	2	48	5240	17.68	18.53	33.70	36.50	-		22.48			
HT20	MCS0	2	36	5180	18.38	18.28	21.90	25.90	-		22.62			
HT20	MCS0	2	44	5220	18.53	27.12	34.50	43.85	-		22.68			
HT20	MCS0	2	48	5240	18.53	19.48	32.40	38.40	-		22.68			
HT40	MCS0	2	38	5190	36.36	36.16	40.50	40.59	-		23.01			
HT40	MCS0	2	46	5230	36.36	37.76	46.71	85.32	-		23.01			
VHT80	MCS0	2	42	5210	75.64	75.40	82.56	82.24	-		23.01			
HE20	MCS0	2	36	5180	19.63	19.48	22.10	24.25	-		22.90			
HE20	MCS0	2	44	5220	19.73	25.52	32.30	44.15	-		22.95			
HE20	MCS0	2	48	5240	19.58	20.03	30.95	37.90	-		22.92			
HE40	MCS0	2	38	5190	37.96	37.96	41.67	41.40	-		23.01			
HE40	MCS0	2	46	5230	38.06	39.16	45.27	77.31	-		23.01			
HE80	MCS0	2	42	5210	77.32	77.20	81.92	82.72	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC Band I																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36	Full	5180	0.03	0.03	15.23	15.75	18.51	24.00		-6.00			Pass
11a	6Mbps	2	44	Full	5220	0.03	0.03	15.32	16.21	18.80	24.00		-6.00			Pass
11a	6Mbps	2	48	Full	5240	0.03	0.03	15.17	15.97	18.60	24.00		-6.00			Pass
HT20	MCS0	2	36	Full	5180	0.00	0.00	15.26	15.70	18.50	24.00		-6.00			Pass
HT20	MCS0	2	44	Full	5220	0.00	0.00	15.14	16.03	18.62	24.00		-6.00			Pass
HT20	MCS0	2	48	Full	5240	0.00	0.00	15.01	15.88	18.48	24.00		-6.00			Pass
HT40	MCS0	2	38	Full	5190	0.00	0.00	13.78	14.41	17.12	24.00		-6.00			Pass
HT40	MCS0	2	46	Full	5230	0.00	0.00	15.22	16.15	18.72	24.00		-6.00			Pass
VHT20	MCS0	2	36	Full	5180	0.00	0.00	15.24	15.68	18.48	24.00		-6.00			Pass
VHT20	MCS0	2	44	Full	5220	0.00	0.00	15.06	15.95	18.54	24.00		-6.00			Pass
VHT20	MCS0	2	48	Full	5240	0.00	0.00	14.93	15.80	18.40	24.00		-6.00			Pass
VHT40	MCS0	2	38	Full	5190	0.00	0.00	13.69	14.32	17.03	24.00		-6.00			Pass
VHT40	MCS0	2	46	Full	5230	0.00	0.00	15.14	16.09	18.65	24.00		-6.00			Pass
VHT80	MCS0	2	42	Full	5210	0.00	0.00	13.01	13.89	16.48	24.00		-6.00			Pass
HE20	MCS0	2	36	Full	5180	0.00	0.00	14.41	15.03	17.74	24.00		-6.00			Pass
				26/0		0.00	0.00	5.02	6.21	8.67	24.00		-6.00			Pass
				52/37		0.00	0.00	7.57	8.94	11.32	24.00		-6.00			Pass
				106/53		0.00	0.00	10.79	12.01	14.45	24.00		-6.00			Pass
			44	Full	5220	0.00	0.00	15.28	16.15	18.75	24.00		-6.00			Pass
			48	Full	5240	0.00	0.00	15.17	15.95	18.59	24.00		-6.00			Pass
				26/8		0.00	0.00	7.05	8.13	10.63	24.00		-6.00			Pass
				52/40		0.00	0.00	10.39	11.27	13.86	24.00		-6.00			Pass
				106/54		0.00	0.00	13.42	14.26	16.87	24.00		-6.00			Pass
HE40	MCS0	2	38	Full	5190	0.00	0.00	13.15	13.77	16.48	24.00		-6.00			Pass
				242/61		0.00	0.00	10.67	11.71	14.23	24.00		-6.00			Pass
			46	Full	5230	0.00	0.00	15.25	16.19	18.76	24.00		-6.00			Pass
				242/62		0.00	0.00	13.97	14.28	17.14	24.00		-6.00			Pass
HE80	MCS0	2	42	Full	5210	0.00	0.00	12.99	13.92	16.49	24.00		-6.00			Pass
				484/65		0.00	0.00	9.88	11.51	13.78	24.00		-6.00			Pass
				484/66		0.00	0.00	10.65	11.32	14.01	24.00		-6.00			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I															
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			7.05	11.00		-3.24			Pass
11a	6Mbps	2	44	Full	5220	0.03	0.03			10.43	11.00		-3.24			Pass
11a	6Mbps	2	48	Full	5240	0.03	0.03			10.10	11.00		-3.24			Pass
HT20	MCS0	2	36	Full	5180	0.00	0.00			6.77	11.00		-3.24			Pass
HT20	MCS0	2	44	Full	5220	0.00	0.00			9.87	11.00		-3.24			Pass
HT20	MCS0	2	48	Full	5240	0.00	0.00			9.69	11.00		-3.24			Pass
HT40	MCS0	2	38	Full	5190	0.00	0.00			2.28	11.00		-3.24			Pass
HT40	MCS0	2	46	Full	5230	0.00	0.00			5.24	11.00		-3.24			Pass
VHT80	MCS0	2	42	Full	5210	0.00	0.00			-1.49	11.00		-3.24			Pass
HE20	MCS0	2	36	Full	5180	0.00	0.00			5.71	11.00		-3.24			Pass
				26/0		0.00	0.00			5.68	11.00		-3.24			Pass
				52/37		0.00	0.00			5.46	11.00		-3.24			Pass
				106/53		0.00	0.00			5.55	11.00		-3.24			Pass
HE20	MCS0	2	44	Full	5220	0.00	0.00			8.33	11.00		-3.24			Pass
HE20	MCS0	2	48	Full	5240	0.00	0.00			8.14	11.00		-3.24			Pass
				26/8		0.00	0.00			7.73	11.00		-3.24			Pass
				52/40		0.00	0.00			7.99	11.00		-3.24			Pass
				106/54		0.00	0.00			7.90	11.00		-3.24			Pass
HE40	MCS0	2	38	Full	5190	0.00	0.00			1.90	11.00		-3.24			Pass
				242/61		0.00	0.00			1.58	11.00		-3.24			Pass
HE40	MCS0	2	46	Full	5230	0.00	0.00			4.94	11.00		-3.24			Pass
				242/62		0.00	0.00			4.59	11.00		-3.24			Pass
2 HE80	MCS0	2	42	Full	5210	0.00	0.00			-1.58	11.00		-3.24			Pass
				484/65		0.00	0.00			-1.82	11.00		-3.24			Pass
				484/66		0.00	0.00			-1.68	11.00		-3.24			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band II														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	52	5260	16.98	17.88	26.45	34.15	23.30		29.30		23.98		
11a	6Mbps	2	60	5300	18.03	29.77	33.70	43.10	23.56		29.56		23.98		
11a	6Mbps	2	64	5320	17.08	17.13	20.65	21.90	23.33		29.33		23.98		
HT20	MCS0	2	52	5260	18.48	18.83	23.85	34.35	23.67		29.67		23.98		
HT20	MCS0	2	60	5300	18.53	26.02	32.60	43.95	23.68		29.68		23.98		
HT20	MCS0	2	64	5320	18.13	18.23	22.15	24.95	23.58		29.58		23.98		
HT40	MCS0	2	54	5270	36.46	36.56	40.86	60.93	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.46	36.16	40.86	40.59	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	75.64	75.40	82.72	81.92	23.98		30.00		23.98		
HE20	MCS0	2	52	5260	19.63	19.83	23.25	32.80	23.93		29.93		23.98		
HE20	MCS0	2	60	5300	19.63	22.78	29.65	43.25	23.93		29.93		23.98		
HE20	MCS0	2	64	5320	19.63	19.53	22.40	23.60	23.91		29.91		23.98		
HE40	MCS0	2	54	5270	37.96	38.96	41.31	53.28	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	38.06	39.56	41.40	41.67	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	77.20	77.32	82.08	82.24	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	Full	5260	0.03	0.03	15.23	15.90	18.59	23.98		-6.00		26.99	Pass
11a	6Mbps	2	60	Full	5300	0.03	0.03	15.65	16.32	19.01	23.98		-6.00		26.99	Pass
11a	6Mbps	2	64	Full	5320	0.03	0.03	15.24	15.41	18.34	23.98		-6.00		26.99	Pass
HT20	MCS0	2	52	Full	5260	0.00	0.00	15.15	15.81	18.50	23.98		-6.00		26.99	Pass
HT20	MCS0	2	60	Full	5300	0.00	0.00	15.46	16.05	18.78	23.98		-6.00		26.99	Pass
HT20	MCS0	2	64	Full	5320	0.00	0.00	15.60	15.67	18.65	23.98		-6.00		26.99	Pass
HT40	MCS0	2	54	Full	5270	0.00	0.00	15.86	16.06	18.97	23.98		-6.00		26.99	Pass
HT40	MCS0	2	62	Full	5310	0.00	0.00	13.64	14.46	17.08	23.98		-6.00		26.99	Pass
VHT20	MCS0	2	52	Full	5260	0.00	0.00	15.08	15.76	18.44	23.98		-6.00		26.99	Pass
VHT20	MCS0	2	60	Full	5300	0.00	0.00	15.39	15.99	18.71	23.98		-6.00		26.99	Pass
VHT20	MCS0	2	64	Full	5320	0.00	0.00	15.58	15.65	18.63	23.98		-6.00		26.99	Pass
VHT40	MCS0	2	54	Full	5270	0.00	0.00	15.79	15.95	18.88	23.98		-6.00		26.99	Pass
VHT40	MCS0	2	62	Full	5310	0.00	0.00	13.58	14.35	16.99	23.98		-6.00		26.99	Pass
VHT80	MCS0	2	58	Full	5290	0.00	0.00	12.86	13.95	16.45	23.98		-6.00		26.99	Pass
HE20	MCS0	2	52	Full	5260	0.00	0.00	15.28	15.92	18.62	23.98		-6.00		26.99	Pass
				26/0		0.00	0.00	5.33	6.35	8.88	23.98		-6.00		26.99	Pass
				52/37		0.00	0.00	8.35	9.31	11.87	23.98		-6.00		26.99	Pass
				106/53		0.00	0.00	11.93	13.00	15.51	23.98		-6.00		26.99	Pass
			60	Full	5300	0.00	0.00	15.55	16.15	18.87	23.98		-6.00		26.99	Pass
			64	Full	5320	0.00	0.00	15.18	15.77	18.50	23.98		-6.00		26.99	Pass
				26/8		0.00	0.00	5.81	6.15	8.99	23.98		-6.00		26.99	Pass
				52/40		0.00	0.00	8.88	9.28	12.09	23.98		-6.00		26.99	Pass
				106/54		0.00	0.00	11.91	12.39	15.17	23.98		-6.00		26.99	Pass
HE40	MCS0	2	54	Full	5270	0.00	0.00	15.51	15.98	18.76	23.98		-6.00		26.99	Pass
				242/61		0.00	0.00	12.44	13.42	15.97	23.98		-6.00		26.99	Pass
			62	Full	5310	0.00	0.00	13.51	14.34	16.96	23.98		-6.00		26.99	Pass
				242/62		0.00	0.00	10.96	11.26	14.12	23.98		-6.00		26.99	Pass
HE80	MCS0	2	58	Full	5290	0.00	0.00	12.43	13.42	15.96	23.98		-6.00		26.99	Pass
				484/65		0.00	0.00	9.66	11.07	13.43	23.98		-6.00		26.99	Pass
				484/66		0.00	0.00	9.81	10.33	13.09	23.98		-6.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band II																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	Full	5260	0.03	0.03			8.25	11.00		-2.99			Pass
11a	6Mbps	2	60	Full	5300	0.03	0.03			9.91	11.00		-2.99			Pass
11a	6Mbps	2	64	Full	5320	0.03	0.03			7.17	11.00		-2.99			Pass
HT20	MCS0	2	52	Full	5260	0.00	0.00			8.15	11.00		-2.99			Pass
HT20	MCS0	2	60	Full	5300	0.00	0.00			9.34	11.00		-2.99			Pass
HT20	MCS0	2	64	Full	5320	0.00	0.00			8.53	11.00		-2.99			Pass
HT40	MCS0	2	54	Full	5270	0.00	0.00			4.23	11.00		-2.99			Pass
HT40	MCS0	2	62	Full	5310	0.00	0.00			2.30	11.00		-2.99			Pass
VHT80	MCS0	2	58	Full	5290	0.00	0.00			-1.49	11.00		-2.99			Pass
HE20	MCS0	2	52	Full	5260	0.00	0.00			7.04	11.00		-2.99			Pass
				26/0		0.00	0.00			6.84	11.00		-2.99			Pass
				52/37		0.00	0.00			6.70	11.00		-2.99			Pass
				106/53		0.00	0.00			7.02	11.00		-2.99			Pass
HE20	MCS0	2	60	Full	5300	0.00	0.00			8.21	11.00		-2.99			Pass
HE20	MCS0	2	64	Full	5320	0.00	0.00			6.44	11.00		-2.99			Pass
				26/8		0.00	0.00			5.95	11.00		-2.99			Pass
				52/40		0.00	0.00			6.13	11.00		-2.99			Pass
				106/54		0.00	0.00			6.19	11.00		-2.99			Pass
HE40	MCS0	2	54	Full	5270	0.00	0.00			3.81	11.00		-2.99			Pass
				242/61		0.00	0.00			3.39	11.00		-2.99			Pass
HE40	MCS0	2	62	Full	5310	0.00	0.00			1.98	11.00		-2.99			Pass
				242/62		0.00	0.00			1.52	11.00		-2.99			Pass
HE80	MCS0	2	58	Full	5290	0.00	0.00			-2.01	11.00		-2.99			Pass
				484/65		0.00	0.00			-2.09	11.00		-2.99			Pass
				484/66		0.00	0.00			-2.50	11.00		-2.99			Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	100	5500	16.88	17.38	20.85	30.10	23.27		29.27		23.98		
11a	6Mbps	2	116	5580	16.93	18.58	21.30	37.10	23.29		29.29		23.98		
11a	6Mbps	2	140	5700	17.03	17.23	20.20	22.50	23.31		29.31		23.98		
HT20	MCS0	2	100	5500	18.43	18.73	22.15	33.00	23.66		29.66		23.98		
HT20	MCS0	2	116	5580	18.68	19.38	23.20	36.70	23.71		29.71		23.98		
HT20	MCS0	2	140	5700	18.63	18.23	21.75	24.05	23.61		29.61		23.98		
HT40	MCS0	2	102	5510	36.46	36.26	40.68	40.86	23.98		30.00		23.98		
HT40	MCS0	2	110	5550	36.46	36.56	40.77	61.74	23.98		30.00		23.98		
HT40	MCS0	2	134	5670	36.66	36.66	41.04	67.50	23.98		30.00		23.98		
VHT80	MCS0	2	106	5530	75.52	75.40	83.20	82.88	23.98		30.00		23.98		
HE20	MCS0	2	100	5500	19.48	19.83	22.35	31.95	23.90		29.90		23.98		
HE20	MCS0	2	116	5580	19.58	19.93	22.60	33.80	23.92		29.92		23.98		
HE20	MCS0	2	140	5700	19.53	19.68	22.50	26.65	23.91		29.91		23.98		
HE40	MCS0	2	102	5510	38.06	38.06	41.31	41.67	23.98		30.00		23.98		
HE40	MCS0	2	110	5550	37.96	38.26	42.93	47.34	23.98		30.00		23.98		
HE40	MCS0	2	134	5670	38.06	39.26	41.49	64.89	23.98		30.00		23.98		
HE80	MCS0	2	106	5530	77.20	77.32	82.40	82.08	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

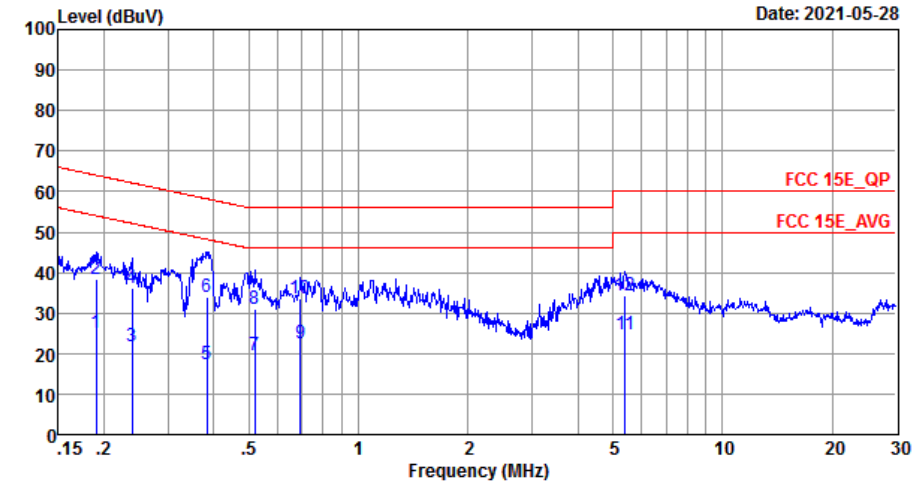
FCC Band III																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	Full	5500	0.03	0.03	15.30	14.91	18.12	23.98		-5.00		26.99	Pass
11a	6Mbps	2	116	Full	5580	0.03	0.03	15.95	16.43	19.21	23.98		-5.00		26.99	Pass
11a	6Mbps	2	140	Full	5700	0.03	0.03	14.64	15.05	17.86	23.98		-5.00		26.99	Pass
HT20	MCS0	2	100	Full	5500	0.00	0.00	15.63	15.79	18.72	23.98		-5.00		26.99	Pass
HT20	MCS0	2	116	Full	5580	0.00	0.00	15.15	15.77	18.48	23.98		-5.00		26.99	Pass
HT20	MCS0	2	140	Full	5700	0.00	0.00	14.97	15.25	18.12	23.98		-5.00		26.99	Pass
HT40	MCS0	2	102	Full	5510	0.00	0.00	13.71	14.36	17.06	23.98		-5.00		26.99	Pass
HT40	MCS0	2	110	Full	5550	0.00	0.00	15.07	15.81	18.47	23.98		-5.00		26.99	Pass
HT40	MCS0	2	134	Full	5670	0.00	0.00	15.14	15.75	18.47	23.98		-5.00		26.99	Pass
VHT20	MCS0	2	100	Full	5500	0.00	0.00	15.56	15.43	18.51	23.98		-5.00		26.99	Pass
VHT20	MCS0	2	116	Full	5580	0.00	0.00	15.06	15.70	18.40	23.98		-5.00		26.99	Pass
VHT20	MCS0	2	140	Full	5700	0.00	0.00	14.95	15.22	18.10	23.98		-5.00		26.99	Pass
VHT40	MCS0	2	102	Full	5510	0.00	0.00	13.65	14.28	16.99	23.98		-5.00		26.99	Pass
VHT40	MCS0	2	110	Full	5550	0.00	0.00	15.02	15.76	18.42	23.98		-5.00		26.99	Pass
VHT40	MCS0	2	134	Full	5670	0.00	0.00	15.08	15.69	18.41	23.98		-5.00		26.99	Pass
VHT80	MCS0	2	106	Full	5530	0.00	0.00	11.98	13.18	15.63	23.98		-5.00		26.99	Pass
HE20	MCS0	2	100	Full	5500	0.00	0.00	14.73	14.72	17.74	23.98		-5.00		26.99	Pass
				26/0		0.00	0.00	6.38	6.62	9.51	23.98		-5.00		26.99	Pass
				52/37		0.00	0.00	9.00	9.15	12.09	23.98		-5.00		26.99	Pass
				106/53		0.00	0.00	11.98	12.17	15.09	23.98		-5.00		26.99	Pass
			116	Full	5580	0.00	0.00	15.28	15.84	18.58	23.98		-5.00		26.99	Pass
			140	Full	5700	0.00	0.00	14.50	15.15	17.85	23.98		-5.00		26.99	Pass
				26/8		0.00	0.00	5.73	6.23	9.00	23.98		-5.00		26.99	Pass
				52/40		0.00	0.00	8.77	9.07	11.93	23.98		-5.00		26.99	Pass
				106/54		0.00	0.00	11.85	12.06	14.97	23.98		-5.00		26.99	Pass
HE40	MCS0	2	102	Full	5510	0.00	0.00	13.17	13.79	16.50	23.98		-5.00		26.99	Pass
				242/61		0.00	0.00	12.66	12.79	15.74	23.98		-5.00		26.99	Pass
			110	Full	5550	0.00	0.00	14.93	15.71	18.35	23.98		-5.00		26.99	Pass
			134	Full	5670	0.00	0.00	14.98	15.66	18.34	23.98		-5.00		26.99	Pass
				242/62		0.00	0.00	12.85	13.12	16.00	23.98		-5.00		26.99	Pass
HE80	MCS0	2	106	Full	5530	0.00	0.00	11.94	13.19	15.62	23.98		-5.00		26.99	Pass
				484/65		0.00	0.00	9.51	10.22	12.89	23.98		-5.00		26.99	Pass
				484/66		0.00	0.00	9.33	10.11	12.75	23.98		-5.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III																
Mod.	Data Rate	NTX	CH.		Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	Full	5500	0.03	0.03			7.12	11.00		-2.48			Pass
11a	6Mbps	2	116	Full	5580	0.03	0.03			8.17	11.00		-2.48			Pass
11a	6Mbps	2	140	Full	5700	0.03	0.03			6.39	11.00		-2.48			Pass
HT20	MCS0	2	100	Full	5500	0.00	0.00			7.51	11.00		-2.48			Pass
HT20	MCS0	2	116	Full	5580	0.00	0.00			8.16	11.00		-2.48			Pass
HT20	MCS0	2	140	Full	5700	0.00	0.00			6.42	11.00		-2.48			Pass
HT40	MCS0	2	102	Full	5510	0.00	0.00			2.28	11.00		-2.48			Pass
HT40	MCS0	2	110	Full	5550	0.00	0.00			3.93	11.00		-2.48			Pass
HT40	MCS0	2	134	Full	5670	0.00	0.00			4.21	11.00		-2.48			Pass
VHT80	MCS0	2	106	Full	5530	0.00	0.00			-2.29	11.00		-2.48			Pass
HE20	MCS0	2	100	Full	5500	0.00	0.00			6.71	11.00		-2.48			Pass
				26/0		0.00	0.00			6.69	11.00		-2.48			Pass
				52/37		0.00	0.00			6.39	11.00		-2.48			Pass
				106/53		0.00	0.00			6.43	11.00		-2.48			Pass
HE20	MCS0	2	116	Full	5580	0.00	0.00			7.06	11.00		-2.48			Pass
HE20	MCS0	2	140	Full	5700	0.00	0.00			6.22	11.00		-2.48			Pass
				26/8		0.00	0.00			5.93	11.00		-2.48			Pass
				52/40		0.00	0.00			6.05	11.00		-2.48			Pass
				106/54		0.00	0.00			6.14	11.00		-2.48			Pass
HE40	MCS0	2	102	Full	5510	0.00	0.00			1.99	11.00		-2.48			Pass
				242/61		0.00	0.00			1.56	11.00		-2.48			Pass
HE40	MCS0	2	110	Full	5550	0.00	0.00			3.56	11.00		-2.48			Pass
HE40	MCS0	2	134	Full	5670	0.00	0.00			3.82	11.00		-2.48			Pass
				242/62		0.00	0.00			3.41	11.00		-2.48			Pass
HE80	MCS0	2	106	Full	5530	0.00	0.00			-2.40	11.00		-2.48			Pass
				484/65		0.00	0.00			-2.71	11.00		-2.48			Pass
	MCS0	2		484/66		0.00	0.00			-2.80	11.00		-2.48			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.		

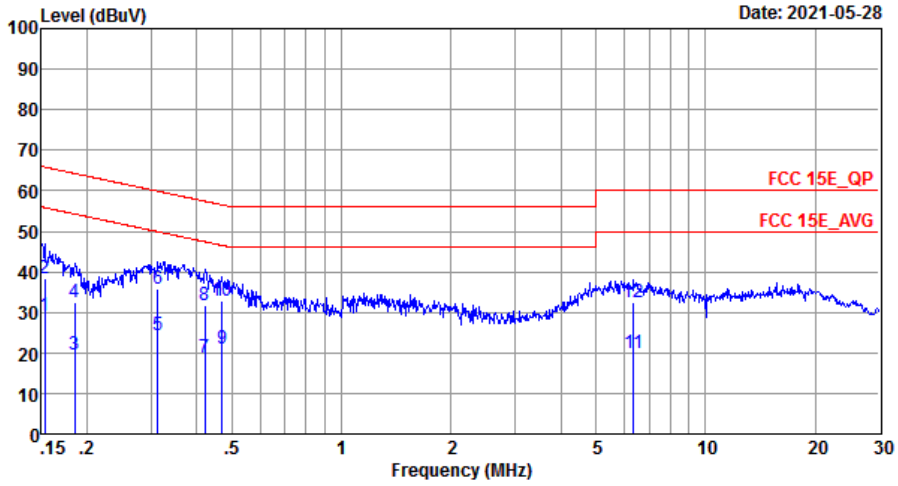


Site : CO01-SZ
Condition: FCC 15E_QP LISN_20201030_L LINE

IMEI : 356368690019394/356368690019402

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.19	25.21	-28.81	54.02	15.10	0.08	10.03	Average
2		0.19	38.41	-25.61	64.02	28.30	0.08	10.03	QP
3		0.24	21.78	-30.35	52.13	11.70	0.05	10.03	Average
4		0.24	36.08	-26.05	62.13	26.00	0.05	10.03	QP
5		0.38	17.31	-30.90	48.21	7.20	0.07	10.04	Average
6		0.38	33.91	-24.30	58.21	23.80	0.07	10.04	QP
7		0.52	19.55	-26.45	46.00	9.40	0.10	10.05	Average
8		0.52	30.95	-25.05	56.00	20.80	0.10	10.05	QP
9		0.69	22.44	-23.56	46.00	12.30	0.10	10.04	Average
10	*	0.69	33.54	-22.46	56.00	23.40	0.10	10.04	QP
11		5.39	24.91	-25.09	50.00	14.60	0.03	10.28	Average
12		5.39	34.21	-25.79	60.00	23.90	0.03	10.28	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

IMEI : 356368690019394/356368690019402

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.15	29.29	-26.53	55.82	19.20	0.08	10.01	Average
2		0.15	38.49	-27.33	65.82	28.40	0.08	10.01	QP
3		0.19	19.40	-34.84	54.24	9.30	0.08	10.02	Average
4		0.19	32.30	-31.94	64.24	22.20	0.08	10.02	QP
5		0.31	24.46	-25.42	49.88	14.40	0.02	10.04	Average
6		0.31	35.76	-24.12	59.88	25.70	0.02	10.04	QP
7		0.42	18.93	-28.49	47.42	8.80	0.08	10.05	Average
8		0.42	31.73	-25.69	57.42	21.60	0.08	10.05	QP
9		0.47	20.94	-25.55	46.49	10.80	0.09	10.05	Average
10	*	0.47	32.94	-23.55	56.49	22.80	0.09	10.05	QP
11		6.35	19.79	-30.21	50.00	9.50	0.06	10.23	Average
12		6.35	32.39	-27.61	60.00	22.10	0.06	10.23	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

5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.5	59.91	-14.09	74	48.93	31.36	12.15	32.53	100	335	P	H
		5150	49.15	-4.85	54	38.17	31.36	12.15	32.53	100	335	A	H
		5180	109.4	-	-	98.4	31.38	12.16	32.54	100	335	P	H
		5180	103.03	-	-	92.03	31.38	12.16	32.54	100	335	A	H
		5149.24	53.71	-20.29	74	42.73	31.36	12.15	32.53	106	360	P	V
		5150	46.57	-7.43	54	35.59	31.36	12.15	32.53	106	360	A	V
		5180	110.16	-	-	99.16	31.38	12.16	32.54	106	360	P	V
		5180	104.11	-	-	93.11	31.38	12.16	32.54	106	360	A	V
802.11a CH 44 5220MHz		5145.34	55.14	-18.86	74	44.16	31.36	12.15	32.53	103	335	P	H
		5149.76	45.29	-8.71	54	34.31	31.36	12.15	32.53	103	335	A	H
		5220	112.94	-	-	101.92	31.4	12.17	32.55	103	335	P	H
		5220	105.72	-	-	94.7	31.4	12.17	32.55	103	335	A	H
		5357.28	49.67	-24.33	74	38.57	31.46	12.21	32.57	103	335	P	H
		5376.48	40.14	-13.86	54	29.03	31.47	12.22	32.58	103	335	A	H
		5062.92	51.46	-22.54	74	40.52	31.32	12.13	32.51	106	360	P	V
		5150	43.29	-10.71	54	32.31	31.36	12.15	32.53	106	360	A	V
		5220	112.75	-	-	101.73	31.4	12.17	32.55	106	360	P	V
		5220	105.22	-	-	94.2	31.4	12.17	32.55	106	360	A	V
		5357.04	48.83	-25.17	74	37.73	31.46	12.21	32.57	106	360	P	V
		5372.64	40.2	-13.8	54	29.09	31.47	12.21	32.57	106	360	A	V

802.11a CH 48 5240MHz		5068.9	51.61	-22.39	74	40.68	31.32	12.13	32.52	103	335	P	H
		5150	41.13	-12.87	54	30.15	31.36	12.15	32.53	103	335	A	H
		5240	111.47	-	-	100.43	31.41	12.18	32.55	103	335	P	H
		5240	104.78	-	-	93.74	31.41	12.18	32.55	103	335	A	H
		5363.52	48.63	-25.37	74	37.52	31.47	12.21	32.57	103	335	P	H
		5391.6	39.88	-14.12	54	28.76	31.48	12.22	32.58	103	335	A	H
		5036.66	51.28	-22.72	74	40.36	31.31	12.12	32.51	116	360	P	V
		5091	41.1	-12.9	54	30.14	31.34	12.14	32.52	116	360	A	V
		5240	111	-	-	99.96	31.41	12.18	32.55	116	360	P	V
		5240	104.44	-	-	93.4	31.41	12.18	32.55	116	360	A	V
		5449.44	49.5	-24.5	74	38.34	31.51	12.24	32.59	116	360	P	V
		5398.08	39.71	-14.29	54	28.58	31.49	12.22	32.58	116	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	49.63	-18.67	68.3	45.53	39.84	15.31	51.05	201	0	P	H
		15540	48.62	-25.38	74	44.67	38.85	17.76	52.66	189	238	P	H
		10360	48.59	-19.71	68.3	44.49	39.84	15.31	51.05	152	260	P	V
		15540	49.12	-24.88	74	45.17	38.85	17.76	52.66	189	238	P	V
802.11a CH 44 5220MHz		10440	50.1	-18.2	68.3	45.92	39.93	15.32	51.07	150	230	P	H
		15660	50.6	-23.4	74	47.33	38.32	17.83	52.88	160	225	P	H
		10440	50.55	-17.75	68.3	46.37	39.93	15.32	51.07	150	230	P	V
		15660	50.63	-23.37	74	47.36	38.32	17.83	52.88	160	225	P	V
802.11a CH 48 5240MHz		10480	50.3	-18	68.3	46.08	39.99	15.32	51.09	150	289	P	H
		15720	49.31	-24.69	74	46.43	38.01	17.87	53	150	291	P	H
		10480	50.38	-17.92	68.3	46.16	39.99	15.32	51.09	150	289	P	V
		15720	48.88	-25.12	74	46	38.01	17.87	53	150	291	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
		5150	58.37	-15.63	74	47.39	31.36	12.15	32.53	256	25	P	H
		5150	50.93	-3.07	54	39.95	31.36	12.15	32.53	256	25	A	H
802.11n		5180	111.24	-	-	100.24	31.38	12.16	32.54	256	25	P	H
HT20		5180	104.44	-	-	93.44	31.38	12.16	32.54	256	25	A	H
CH 36		5149.24	54.16	-19.84	74	43.18	31.36	12.15	32.53	215	350	P	V
5180MHz		5150	45.18	-8.82	54	34.2	31.36	12.15	32.53	215	350	A	V
		5180	106.73	-	-	95.73	31.38	12.16	32.54	215	350	P	V
		5180	103.45	-	-	92.45	31.38	12.16	32.54	215	350	A	V
		5149.24	54.86	-19.14	74	43.88	31.36	12.15	32.53	255	27	P	H
		5150	45.65	-8.35	54	34.67	31.36	12.15	32.53	255	27	A	H
		5220	114.49	-	-	103.47	31.4	12.17	32.55	255	27	P	H
		5220	107.14	-	-	96.12	31.4	12.17	32.55	255	27	A	H
802.11n		5431.92	49.05	-24.95	74	37.91	31.5	12.23	32.59	255	27	P	H
HT20		5370	40.6	-13.4	54	29.49	31.47	12.21	32.57	255	27	A	H
CH 44		5143.78	52.11	-21.89	74	41.13	31.36	12.15	32.53	216	348	P	V
5220MHz		5149.76	41.93	-12.07	54	30.95	31.36	12.15	32.53	216	348	A	V
		5220	110.09	-	-	99.07	31.4	12.17	32.55	216	348	P	V
		5220	104.19	-	-	93.17	31.4	12.17	32.55	216	348	A	V
		5355.84	48.94	-25.06	74	37.84	31.46	12.21	32.57	216	348	P	V
		5372.64	40.18	-13.82	54	29.07	31.47	12.21	32.57	216	348	A	V

		5144.56	52.34	-21.66	74	41.36	31.36	12.15	32.53	253	25	P	H
		5150	42.42	-11.58	54	31.44	31.36	12.15	32.53	253	25	A	H
		5240	114.21	-	-	103.17	31.41	12.18	32.55	253	25	P	H
		5240	107.76	-	-	96.72	31.41	12.18	32.55	253	25	A	H
802.11n		5351.52	50.58	-23.42	74	39.48	31.46	12.21	32.57	253	25	P	H
HT20		5351.52	40.66	-13.34	54	29.56	31.46	12.21	32.57	253	25	A	H
CH 48		5107.9	50.87	-23.13	74	39.9	31.35	12.14	32.52	218	347	P	V
5240MHz		5148.72	41.27	-12.73	54	30.29	31.36	12.15	32.53	218	347	A	V
		5240	112.08	-	-	101.04	31.41	12.18	32.55	218	347	P	V
		5240	105.19	-	-	94.15	31.41	12.18	32.55	218	347	A	V
		5442.96	49.74	-24.26	74	38.6	31.5	12.23	32.59	218	347	P	V
		5392.56	39.88	-14.12	54	28.76	31.48	12.22	32.58	218	347	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	47.84	-20.46	68.3	43.74	39.84	15.31	51.05	152	260	P	H
HT20		15540	45.4	-28.6	74	41.45	38.85	17.76	52.66	189	238	P	H
CH 36		10360	49.17	-19.13	68.3	45.07	39.84	15.31	51.05	152	260	P	V
5180MHz		15540	48.56	-25.44	74	44.61	38.85	17.76	52.66	189	238	P	V
802.11n		10440	50.56	-17.74	68.3	46.38	39.93	15.32	51.07	150	230	P	H
HT20		15660	45.81	-28.19	74	42.54	38.32	17.83	52.88	160	225	P	H
CH 44		10440	49.5	-18.8	68.3	45.32	39.93	15.32	51.07	150	230	P	V
5220MHz		15660	47.57	-26.43	74	44.3	38.32	17.83	52.88	160	225	P	V
802.11n		10480	49.22	-19.08	68.3	45	39.99	15.32	51.09	150	289	P	H
HT20		15720	46.7	-27.3	74	43.82	38.01	17.87	53	150	291	P	H
CH 48		10480	49.72	-18.58	68.3	45.5	39.99	15.32	51.09	150	289	P	V
5240MHz		15720	46.69	-27.31	74	43.81	38.01	17.87	53	150	291	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
802.11n HT40 CH 38 5190MHz		5144.56	60.94	-13.06	74	49.96	31.36	12.15	32.53	255	25	P	H
		5149.5	50.98	-3.02	54	40	31.36	12.15	32.53	255	25	A	H
		5190	106.35	-	-	95.35	31.38	12.16	32.54	255	25	P	H
		5190	100.18	-	-	89.18	31.38	12.16	32.54	255	25	A	H
		5422.76	49.14	-24.86	74	38	31.49	12.23	32.58	255	25	P	H
		5350.52	39.77	-14.23	54	28.67	31.46	12.21	32.57	255	25	A	H
		5148.46	54.13	-19.87	74	43.15	31.36	12.15	32.53	214	342	P	V
		5150	46.37	-7.63	54	35.39	31.36	12.15	32.53	214	342	A	V
		5190	102.91	-	-	91.91	31.38	12.16	32.54	214	342	P	V
		5190	96.18	-	-	85.18	31.38	12.16	32.54	214	342	A	V
		5412.96	48.61	-25.39	74	37.47	31.49	12.23	32.58	214	342	P	V
		5460	39.52	-14.48	54	28.36	31.51	12.24	32.59	214	342	A	V
802.11n HT40 CH 46 5230MHz		5149.5	59.61	-14.39	74	48.63	31.36	12.15	32.53	255	24	P	H
		5150	49.89	-4.11	54	38.91	31.36	12.15	32.53	255	24	A	H
		5230	109.65	-	-	98.62	31.41	12.17	32.55	255	24	P	H
		5230	103.21	-	-	92.18	31.41	12.17	32.55	255	24	A	H
		5354.16	52.03	-21.97	74	40.93	31.46	12.21	32.57	255	24	P	H
		5350.56	42.4	-11.6	54	31.3	31.46	12.21	32.57	255	24	A	H
		5045.76	51.69	-22.31	74	40.76	31.32	12.12	32.51	215	342	P	V
		5150	43.32	-10.68	54	32.34	31.36	12.15	32.53	215	342	A	V
		5230	103.8	-	-	92.77	31.41	12.17	32.55	215	342	P	V
		5230	96.65	-	-	85.62	31.41	12.17	32.55	215	342	A	V
		5428.32	50.91	-23.09	74	39.78	31.49	12.23	32.59	215	342	P	V
		5350.08	40.13	-13.87	54	29.03	31.46	12.21	32.57	215	342	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.18	-18.12	68.3	46.04	39.87	15.32	51.05	150	360	P	H
HT40		15570	49.52	-24.48	74	45.76	38.7	17.78	52.72	155	360	P	H
CH 38		10380	50.14	-18.16	68.3	46	39.87	15.32	51.05	150	360	P	V
5190MHz		15570	50.88	-23.12	74	47.12	38.7	17.78	52.72	155	360	P	V
802.11n		10460	49.74	-18.56	68.3	45.55	39.95	15.32	51.08	150	360	P	H
HT40		15690	50.15	-23.85	74	47.07	38.17	17.85	52.94	150	225	P	H
CH 46		10460	49.73	-18.57	68.3	45.54	39.95	15.32	51.08	150	360	P	V
5230MHz		15690	49.68	-24.32	74	46.6	38.17	17.85	52.94	150	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
802.11ac VHT80 CH 42 5210MHz		5147.94	58.8	-15.2	74	47.82	31.36	12.15	32.53	248	360	P	H
		5148.46	48.34	-5.66	54	37.36	31.36	12.15	32.53	248	360	A	H
		5210	102.72	-	-	91.69	31.4	12.17	32.54	248	360	P	H
		5210	97.41	-	-	86.38	31.4	12.17	32.54	248	360	A	H
		5357.04	49.21	-24.79	74	38.11	31.46	12.21	32.57	248	360	P	H
		5350.56	40.92	-13.08	54	29.82	31.46	12.21	32.57	248	360	A	H
		5138.84	57.03	-16.97	74	46.05	31.36	12.15	32.53	243	5	P	V
		5149.76	45.89	-8.11	54	34.91	31.36	12.15	32.53	243	5	A	V
		5210	100.79	-	-	89.76	31.4	12.17	32.54	243	5	P	V
		5210	94.67	-	-	83.64	31.4	12.17	32.54	243	5	A	V
		5394	48.94	-25.06	74	37.82	31.48	12.22	32.58	243	5	P	V
		5352.96	39.7	-14.3	54	28.6	31.46	12.21	32.57	243	5	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.07	-18.23	68.3	45.91	39.91	15.32	51.07	150	230	P	H
VHT80		15630	48.62	-25.38	74	45.26	38.39	17.82	52.85	160	225	P	H
CH 42		10420	50.98	-17.32	68.3	46.82	39.91	15.32	51.07	150	230	P	V
5210MHz		15630	48.36	-25.64	74	45	38.39	17.82	52.85	160	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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		5134.42	50.15	-23.85	74	39.17	31.36	12.15	32.53	100	343	P	H
		5113.1	40.77	-13.23	54	29.8	31.35	12.14	32.52	100	343	A	H
		5260	111.05	-	-	100	31.42	12.18	32.55	100	343	P	H
		5260	102.34	-	-	91.29	31.42	12.18	32.55	100	343	A	H
		5409.36	48.65	-25.35	74	37.52	31.49	12.22	32.58	100	343	P	H
		5358.48	39.55	-14.45	54	28.45	31.46	12.21	32.57	100	343	A	H
		5027.04	50.69	-23.31	74	39.77	31.31	12.12	32.51	129	348	P	V
		5101.66	40.7	-13.3	54	29.74	31.34	12.14	32.52	129	348	A	V
		5260	108.72	-	-	97.67	31.42	12.18	32.55	129	348	P	V
		5260	100.25	-	-	89.2	31.42	12.18	32.55	129	348	A	V
		5419.92	48.05	-25.95	74	36.91	31.49	12.23	32.58	129	348	P	V
		5357.28	39.32	-14.68	54	28.22	31.46	12.21	32.57	129	348	A	V
802.11a CH 60 5300MHz		5138.25	51.11	-22.89	74	40.13	31.36	12.15	32.53	109	338	P	H
		5150	41.07	-12.93	54	30.09	31.36	12.15	32.53	109	338	A	H
		5300	112.41	-	-	101.34	31.44	12.19	32.56	109	338	P	H
		5300	106.41	-	-	95.34	31.44	12.19	32.56	109	338	A	H
		5355.12	56.74	-17.26	74	45.64	31.46	12.21	32.57	109	338	P	H
		5350.56	48.17	-5.83	54	37.07	31.46	12.21	32.57	109	338	A	H
		5108.85	51.35	-22.65	74	40.38	31.35	12.14	32.52	100	0	P	V
		5145.6	41.36	-12.64	54	30.38	31.36	12.15	32.53	100	0	A	V
		5300	112.37	-	-	101.3	31.44	12.19	32.56	100	0	P	V
		5300	105.83	-	-	94.76	31.44	12.19	32.56	100	0	A	V
		5358	54.87	-19.13	74	43.77	31.46	12.21	32.57	100	0	P	V
		5351.76	45.15	-8.85	54	34.05	31.46	12.21	32.57	100	0	A	V

802.11a CH 64 5320MHz		5320	110.23	-	-	99.14	31.45	12.2	32.56	244	359	P	H
		5320	104.25	-	-	93.16	31.45	12.2	32.56	244	359	A	H
		5351.84	55.15	-18.85	74	44.05	31.46	12.21	32.57	244	359	P	H
		5350.08	49.72	-4.28	54	38.62	31.46	12.21	32.57	244	359	A	H
		5320	107.94	-	-	96.85	31.45	12.2	32.56	215	5	P	V
		5320	101.51	-	-	90.42	31.45	12.2	32.56	215	5	A	V
		5350.08	55.43	-18.57	74	44.33	31.46	12.21	32.57	215	5	P	V
		5350.08	44.65	-9.35	54	33.55	31.46	12.21	32.57	215	5	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	49.84	-18.46	68.3	45.55	40.03	15.37	51.11	150	220	P	H
		15780	49.95	-24.05	74	47.36	37.79	17.9	53.1	159	345	P	H
		10520	50.7	-17.6	68.3	46.41	40.03	15.37	51.11	150	220	P	V
		15780	50.21	-23.79	74	47.62	37.79	17.9	53.1	159	345	P	V
802.11a CH 60 5300MHz		10600	49.32	-24.68	74	44.8	40.13	15.55	51.16	185	215	P	H
		15900	45.41	-28.59	74	43.49	37.26	17.97	53.31	196	190	P	H
		10600	48.18	-25.82	74	43.66	40.13	15.55	51.16	185	215	P	V
		15900	46.72	-27.28	74	44.8	37.26	17.97	53.31	196	190	P	V
802.11a CH 64 5320MHz		10640	49.81	-24.19	74	45.17	40.17	15.65	51.18	152	135	P	H
		15960	46.5	-27.5	74	44.98	36.95	18.01	53.44	173	245	P	H
		10640	50.7	-23.3	74	46.06	40.17	15.65	51.18	152	135	P	V
		15960	46.39	-27.61	74	44.87	36.95	18.01	53.44	173	245	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
		5114.92	50.63	-23.37	74	39.66	31.35	12.14	32.52	254	23	P	H
		5102.96	41.38	-12.62	54	30.42	31.34	12.14	32.52	254	23	A	H
		5260	112.39	-	-	101.34	31.42	12.18	32.55	254	23	P	H
		5260	106.29	-	-	95.24	31.42	12.18	32.55	254	23	A	H
802.11n		5399.52	50.14	-23.86	74	39.01	31.49	12.22	32.58	254	23	P	H
HT20		5350.8	40.15	-13.85	54	29.05	31.46	12.21	32.57	254	23	A	H
CH 52		5133.9	50.89	-23.11	74	39.91	31.36	12.15	32.53	215	345	P	V
5260MHz		5105.56	41.26	-12.74	54	30.29	31.35	12.14	32.52	215	345	A	V
		5260	109.4	-	-	98.35	31.42	12.18	32.55	215	345	P	V
		5260	103.22	-	-	92.17	31.42	12.18	32.55	215	345	A	V
		5430.24	49.68	-24.32	74	38.54	31.5	12.23	32.59	215	345	P	V
		5350.32	39.69	-14.31	54	28.59	31.46	12.21	32.57	215	345	A	V
		5121.45	51.78	-22.22	74	40.82	31.35	12.14	32.53	255	27	P	H
		5143.5	41.65	-12.35	54	30.67	31.36	12.15	32.53	255	27	A	H
		5300	113.2	-	-	102.13	31.44	12.19	32.56	255	27	P	H
		5300	106.24	-	-	95.17	31.44	12.19	32.56	255	27	A	H
802.11n		5351.52	59.26	-14.74	74	48.16	31.46	12.21	32.57	255	27	P	H
HT20		5350.32	48.48	-5.52	54	37.38	31.46	12.21	32.57	255	27	A	H
CH 60		5063	51.38	-22.62	74	40.45	31.32	12.13	32.52	217	347	P	V
5300MHz		5145.95	41.32	-12.68	54	30.34	31.36	12.15	32.53	217	347	A	V
		5300	111.05	-	-	99.98	31.44	12.19	32.56	217	347	P	V
		5300	104.79	-	-	93.72	31.44	12.19	32.56	217	347	A	V
		5353.92	51.27	-22.73	74	40.17	31.46	12.21	32.57	217	347	P	V
		5351.04	42.72	-11.28	54	31.62	31.46	12.21	32.57	217	347	A	V

802.11n HT20 CH 64 5320MHz		5320	111.6	-	-	100.51	31.45	12.2	32.56	253	24	P	H
		5320	104.82	-	-	93.73	31.45	12.2	32.56	253	24	A	H
		5351.84	57	-17	74	45.9	31.46	12.21	32.57	253	24	P	H
		5350.08	48.76	-5.24	54	37.66	31.46	12.21	32.57	253	24	A	H
		5320	108.27	-	-	97.18	31.45	12.2	32.56	215	346	P	V
		5320	102.25	-	-	91.16	31.45	12.2	32.56	215	346	A	V
		5350.08	52.63	-21.37	74	41.53	31.46	12.21	32.57	215	346	P	V
		5350.08	44.52	-9.48	54	33.42	31.46	12.21	32.57	215	346	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	48.79	-19.51	68.3	44.5	40.03	15.37	51.11	150	220	P	H
HT20		15780	47.42	-26.58	74	44.83	37.79	17.9	53.1	159	345	P	H
CH 52		10520	49.14	-19.16	68.3	44.85	40.03	15.37	51.11	150	220	P	V
5260MHz		15780	46.94	-27.06	74	44.35	37.79	17.9	53.1	159	345	P	V
802.11n		10600	48.41	-25.59	74	43.89	40.13	15.55	51.16	185	215	P	H
HT20		15900	46.6	-27.4	74	44.68	37.26	17.97	53.31	196	190	P	H
CH 60		10600	48.73	-25.27	74	44.21	40.13	15.55	51.16	185	215	P	V
5300MHz		15900	45.97	-28.03	74	44.05	37.26	17.97	53.31	196	190	P	V
802.11n		10640	47.97	-26.03	74	43.33	40.17	15.65	51.18	152	135	P	H
HT20		15960	43.9	-30.1	74	42.38	36.95	18.01	53.44	173	245	P	H
CH 64		10640	48.11	-25.89	74	43.47	40.17	15.65	51.18	152	135	P	V
5320MHz		15960	44.2	-29.8	74	42.68	36.95	18.01	53.44	173	245	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
802.11n HT40 CH 54 5270MHz		5149.45	50.77	-23.23	74	39.79	31.36	12.15	32.53	256	25	P	H
		5149.8	41.76	-12.24	54	30.78	31.36	12.15	32.53	256	25	A	H
		5270	108.62	-	-	97.56	31.42	12.19	32.55	256	25	P	H
		5270	102.3	-	-	91.24	31.42	12.19	32.55	256	25	A	H
		5358.24	52.5	-21.5	74	41.4	31.46	12.21	32.57	256	25	P	H
		5350.08	43.37	-10.63	54	32.27	31.46	12.21	32.57	256	25	A	H
		5121.1	50.39	-23.61	74	39.43	31.35	12.14	32.53	217	340	P	V
		5127.05	41.18	-12.82	54	30.2	31.36	12.15	32.53	217	340	A	V
		5270	106.41	-	-	95.35	31.42	12.19	32.55	217	340	P	V
		5270	99.22	-	-	88.16	31.42	12.19	32.55	217	340	A	V
		5355.6	50.24	-23.76	74	39.14	31.46	12.21	32.57	217	340	P	V
		5350.08	40.77	-13.23	54	29.67	31.46	12.21	32.57	217	340	A	V
802.11n HT40 CH 62 5310MHz		5022.4	49.86	-24.14	74	38.94	31.31	12.12	32.51	255	24	P	H
		5143.85	41.01	-12.99	54	30.03	31.36	12.15	32.53	255	24	A	H
		5310	106.16	-	-	95.07	31.45	12.2	32.56	255	24	P	H
		5310	99.25	-	-	88.16	31.45	12.2	32.56	255	24	A	H
		5351.04	56	-18	74	44.9	31.46	12.21	32.57	255	24	P	H
		5350.08	50.03	-3.97	54	38.93	31.46	12.21	32.57	255	24	A	H
		5049	50.06	-23.94	74	39.13	31.32	12.12	32.51	216	343	P	V
		5127.75	40.8	-13.2	54	29.82	31.36	12.15	32.53	216	343	A	V
		5310	103.29	-	-	92.2	31.45	12.2	32.56	216	343	P	V
		5310	96.25	-	-	85.16	31.45	12.2	32.56	216	343	A	V
		5350.08	53.6	-20.4	74	42.5	31.46	12.21	32.57	216	343	P	V
		5350.08	46.18	-7.82	54	35.08	31.46	12.21	32.57	216	343	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.16	-18.14	68.3	45.82	40.05	15.41	51.12	150	220	P	H
HT40		15810	50.33	-23.67	74	47.94	37.63	17.92	53.16	168	345	P	H
CH 54		10540	49.63	-18.67	68.3	45.29	40.05	15.41	51.12	150	220	P	V
5270MHz		15810	48.81	-25.19	74	46.42	37.63	17.92	53.16	168	345	P	V
802.11n		10620	50.47	-23.53	74	45.89	40.15	15.6	51.17	150	220	P	H
HT40		15930	48.79	-25.21	74	47.08	37.1	17.99	53.38	160	100	P	H
CH 62		10620	49.27	-24.73	74	44.69	40.15	15.6	51.17	150	220	P	V
5310MHz		15930	45.13	-28.87	74	43.42	37.1	17.99	53.38	160	100	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
802.11ac VHT80 CH 58 5290MHz		5116.2	50.73	-23.27	74	39.77	31.35	12.14	32.53	267	360	P	H
		5147.35	41.35	-12.65	54	30.37	31.36	12.15	32.53	267	360	A	H
		5290	103.24	-	-	92.18	31.43	12.19	32.56	267	360	P	H
		5290	94.31	-	-	83.25	31.43	12.19	32.56	267	360	A	H
		5353.44	58.97	-15.03	74	47.87	31.46	12.21	32.57	267	360	P	H
		5350.08	50.25	-3.75	54	39.15	31.46	12.21	32.57	267	360	A	H
		5096.6	49.8	-24.2	74	38.84	31.34	12.14	32.52	243	5	P	V
		5149.45	40.92	-13.08	54	29.94	31.36	12.15	32.53	243	5	A	V
		5290	101.04	-	-	89.98	31.43	12.19	32.56	243	5	P	V
		5290	91.39	-	-	80.33	31.43	12.19	32.56	243	5	A	V
		5353.2	56.13	-17.87	74	45.03	31.46	12.21	32.57	243	5	P	V
		5352.96	45.94	-8.06	54	34.84	31.46	12.21	32.57	243	5	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.23	-18.07	68.3	45.76	40.11	15.51	51.15	150	220	P	H
VHT80		15870	49.27	-24.73	74	47.27	37.33	17.95	53.28	168	345	P	H
CH 58		10580	49.54	-18.76	68.3	45.07	40.11	15.51	51.15	150	220	P	V
5290MHz		15870	47.94	-26.06	74	45.94	37.33	17.95	53.28	168	345	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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		5455.44	51.68	-22.32	74	40.52	31.51	12.24	32.59	245	359	P	H
		5468.56	62.7	-5.6	68.3	51.53	31.52	12.24	32.59	245	359	P	H
		5460	43.77	-10.23	54	32.61	31.51	12.24	32.59	245	359	A	H
		5500	112.34	-	-	101.15	31.54	12.25	32.6	245	359	P	H
		5500	106.32	-	-	95.13	31.54	12.25	32.6	245	359	A	H
		5459.28	50.89	-23.11	74	39.73	31.51	12.24	32.59	255	345	P	V
		5470	54.98	-13.32	68.3	43.81	31.52	12.24	32.59	255	345	P	V
		5460	40.87	-13.13	54	29.71	31.51	12.24	32.59	255	345	A	V
		5500	108.34	-	-	97.15	31.54	12.25	32.6	255	345	P	V
		5500	102.31	-	-	91.12	31.54	12.25	32.6	255	345	A	V
802.11a CH 116 5580MHz		5393.92	50.4	-23.6	74	39.28	31.48	12.22	32.58	267	356	P	H
		5467.6	48.04	-20.26	68.3	36.87	31.52	12.24	32.59	267	356	P	H
		5431.84	40.54	-13.46	54	29.4	31.5	12.23	32.59	267	356	A	H
		5580	113.19	-	-	101.95	31.57	12.27	32.6	267	356	P	H
		5580	106.75	-	-	95.51	31.57	12.27	32.6	267	356	A	H
		5726.255	50.24	-18.06	68.3	38.63	31.91	12.3	32.6	267	356	P	H
		5422	49.33	-24.67	74	38.19	31.49	12.23	32.58	267	349	P	V
		5462.8	48.44	-19.86	68.3	37.27	31.52	12.24	32.59	267	349	P	V
		5431.6	40.18	-13.82	54	29.04	31.5	12.23	32.59	267	349	A	V
		5580	111.56	-	-	100.32	31.57	12.27	32.6	267	349	P	V
		5580	105.69	-	-	94.45	31.57	12.27	32.6	267	349	A	V
		5756.18	49.75	-18.55	68.3	38.02	32.03	12.3	32.6	267	349	P	V

802.11a CH 140 5700MHz		5700	111.68	-	-	100.21	31.78	12.29	32.6	231	360	P	H
		5700	105.59	-	-	94.12	31.78	12.29	32.6	231	360	A	H
		5725.96	63.97	-4.33	68.3	52.36	31.91	12.3	32.6	231	360	P	H
		5700	107.76	-	-	96.29	31.78	12.29	32.6	240	342	P	V
		5700	101.54	-	-	90.07	31.78	12.29	32.6	240	342	A	V
		5725.48	56.71	-11.59	68.3	45.1	31.91	12.3	32.6	240	342	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.68	-23.32	74	25.6	40.59	16.49	32	201	0	P	H
		16500	48.86	-19.44	68.3	44.42	38.94	18.2	52.7	178	296	P	H
		11000	48.09	-25.91	74	42.41	40.59	16.49	51.4	163	230	P	V
		16500	49.42	-18.88	68.3	44.98	38.94	18.2	52.7	178	296	P	V
802.11a CH 116 5580MHz		11160	50.1	-23.9	74	24.83	40.8	16.5	32.03	201	0	P	H
		16740	46.56	-21.74	68.3	41.48	39.93	18.28	53.13	156	350	P	H
		11160	50.92	-23.08	74	25.65	40.8	16.5	32.03	201	0	P	V
		16740	46.34	-21.96	68.3	41.26	39.93	18.28	53.13	156	350	P	V
802.11a CH 140 5700MHz		11400	50.49	-23.51	74	43.97	41.08	16.52	51.08	157	285	P	H
		17100	49.75	-18.55	68.3	43.26	41.6	18.41	53.52	165	246	P	H
		11400	50.71	-23.29	74	25.19	41.08	16.52	32.08	201	0	P	V
		17100	49.87	-18.43	68.3	43.38	41.6	18.41	53.52	165	246	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
		5457.52	57.84	-16.16	74	46.68	31.51	12.24	32.59	255	26	P	H
		5469.84	65.29	-3.01	68.3	54.12	31.52	12.24	32.59	255	26	P	H
		5460	47.67	-6.33	54	36.51	31.51	12.24	32.59	255	26	A	H
802.11n		5500	112.86	-	-	101.67	31.54	12.25	32.6	255	26	P	H
HT20		5500	104.36	-	-	93.17	31.54	12.25	32.6	255	26	A	H
CH 100		5428.72	50.76	-23.24	74	39.62	31.5	12.23	32.59	212	343	P	V
5500MHz		5469.52	58.7	-9.6	68.3	47.53	31.52	12.24	32.59	212	343	P	V
		5460	42.13	-11.87	54	30.97	31.51	12.24	32.59	212	343	A	V
		5500	109.59	-	-	98.4	31.54	12.25	32.6	212	343	P	V
		5500	103.36	-	-	92.17	31.54	12.25	32.6	212	343	A	V
		5379.04	48.34	-25.66	74	37.22	31.48	12.22	32.58	254	27	P	H
		5461.6	48.73	-19.57	68.3	37.57	31.51	12.24	32.59	254	27	P	H
		5432.56	40.75	-13.25	54	29.61	31.5	12.23	32.59	254	27	A	H
		5580	112.58	-	-	101.34	31.57	12.27	32.6	254	27	P	H
802.11n		5580	105.4	-	-	94.16	31.57	12.27	32.6	254	27	A	H
HT20		5759.96	49.79	-18.51	68.3	38.06	32.03	12.3	32.6	254	27	P	H
CH 116		5392.24	49.46	-24.54	74	38.34	31.48	12.22	32.58	211	336	P	V
5580MHz		5470	48.51	-19.79	68.3	37.34	31.52	12.24	32.59	211	336	P	V
		5428	40.08	-13.92	54	28.95	31.49	12.23	32.59	211	336	A	V
		5580	108.41	-	-	97.17	31.57	12.27	32.6	211	336	P	V
		5580	102.12	-	-	90.88	31.57	12.27	32.6	211	336	A	V
		5742.635	49.93	-18.37	68.3	38.26	31.97	12.3	32.6	211	336	P	V

802.11n HT20 CH 140 5700MHz		5700	110.74	-	-	99.27	31.78	12.29	32.6	253	26	P	H
		5700	103.64	-	-	92.17	31.78	12.29	32.6	253	26	A	H
		5725.4	64.69	-3.61	68.3	53.08	31.91	12.3	32.6	253	26	P	H
		5700	108.49	-	-	97.02	31.78	12.29	32.6	214	342	P	V
		5700	102.64	-	-	91.17	31.78	12.29	32.6	214	342	A	V
		5730.04	56.97	-11.33	68.3	45.36	31.91	12.3	32.6	214	342	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	49.24	-24.76	74	43.56	40.59	16.49	51.4	163	230	P	H
HT20		16500	47.79	-20.51	68.3	43.35	38.94	18.2	52.7	178	296	P	H
CH 100		11000	49.55	-24.45	74	43.87	40.59	16.49	51.4	163	230	P	V
5500MHz		16500	47.19	-21.11	68.3	42.75	38.94	18.2	52.7	178	296	P	V
802.11n		11160	50.08	-23.92	74	44.05	40.8	16.5	51.27	170	200	P	H
HT20		16740	47.33	-20.97	68.3	42.25	39.93	18.28	53.13	156	350	P	H
CH 116		11160	50.01	-23.99	74	43.98	40.8	16.5	51.27	170	200	P	V
5580MHz		16740	47.52	-20.78	68.3	42.44	39.93	18.28	53.13	156	350	P	V
802.11n		11400	50.84	-23.16	74	44.32	41.08	16.52	51.08	157	285	P	H
HT20		17100	50.44	-17.86	68.3	43.95	41.6	18.41	53.52	165	246	P	H
CH 140		11400	50.28	-23.72	74	24.76	41.08	16.52	32.08	201	0	P	V
5700MHz		17100	49.85	-18.45	68.3	43.36	41.6	18.41	53.52	165	246	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
		5457.28	58.31	-15.69	74	47.15	31.51	12.24	32.59	255	24	P	H
		5470	64.63	-3.67	68.3	53.46	31.52	12.24	32.59	255	24	P	H
		5459.92	49.85	-4.15	54	38.69	31.51	12.24	32.59	255	24	A	H
		5510	106.99	-	-	95.8	31.54	12.25	32.6	255	24	P	H
802.11n		5510	99.36	-	-	88.17	31.54	12.25	32.6	255	24	A	H
HT40		5753.66	48.65	-19.65	68.3	36.92	32.03	12.3	32.6	255	24	P	H
CH 102		5459.92	52.44	-21.56	74	41.28	31.51	12.24	32.59	218	342	P	V
5510MHz		5469.52	58.84	-9.46	68.3	47.67	31.52	12.24	32.59	218	342	P	V
		5459.92	45.09	-8.91	54	33.93	31.51	12.24	32.59	218	342	A	V
		5510	105.21	-	-	94.02	31.54	12.25	32.6	218	342	P	V
		5510	99.36	-	-	88.17	31.54	12.25	32.6	218	342	A	V
		5759.96	49.57	-18.73	68.3	37.84	32.03	12.3	32.6	218	342	P	V
		5457.28	52.29	-21.71	74	41.13	31.51	12.24	32.59	273	354	P	H
		5469.28	52.77	-15.53	68.3	41.6	31.52	12.24	32.59	273	354	P	H
		5459.92	43.2	-10.8	54	32.04	31.51	12.24	32.59	273	354	P	H
		5550	109.32	-	-	98.1	31.56	12.26	32.6	273	354	P	H
802.11n		5550	101.54	-	-	90.32	31.56	12.26	32.6	273	354	P	H
HT40		5736.335	50.51	-17.79	68.3	38.84	31.97	12.3	32.6	273	354	P	H
CH 110		5442.4	50.3	-23.7	74	39.16	31.5	12.23	32.59	272	11	P	V
5550MHz		5469.76	49.15	-19.15	68.3	37.98	31.52	12.24	32.59	272	11	P	V
		5459.92	40.49	-13.51	54	29.33	31.51	12.24	32.59	272	11	A	V
		5550	105.88	-	-	94.66	31.56	12.26	32.6	272	11	P	V
		5550	99.87	-	-	88.65	31.56	12.26	32.6	272	11	A	V
		5731.925	49.06	-19.24	68.3	37.45	31.91	12.3	32.6	272	11	P	V

		5440.3	48.79	-25.21	74	37.65	31.5	12.23	32.59	232	2	P	H
		5465.5	48.21	-20.09	68.3	37.04	31.52	12.24	32.59	232	2	P	H
		5459.2	39.96	-14.04	54	28.8	31.51	12.24	32.59	232	2	A	H
		5670	109.79	-	-	98.39	31.72	12.28	32.6	232	2	P	H
802.11n		5670	103.87	-	-	92.47	31.72	12.28	32.6	232	2	A	H
HT40		5730.175	63.08	-5.22	68.3	51.47	31.91	12.3	32.6	232	2	P	H
CH 134		5455	49.04	-24.96	74	37.88	31.51	12.24	32.59	245	360	P	V
5670MHz		5464.8	47.55	-20.75	68.3	36.38	31.52	12.24	32.59	245	360	P	V
		5458.85	39.56	-14.44	54	28.4	31.51	12.24	32.59	245	360	A	V
		5670	106.42	-	-	95.02	31.72	12.28	32.6	245	360	P	V
		5670	100.77	-	-	89.37	31.72	12.28	32.6	245	360	A	V
		5730.175	56.18	-12.12	68.3	44.57	31.91	12.3	32.6	245	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.49	-23.51	74	44.78	40.61	16.49	51.39	170	230	P	H
HT40		16530	47.87	-20.43	68.3	43.34	39.08	18.21	52.76	160	300	P	H
CH 102		11020	50.78	-23.22	74	45.07	40.61	16.49	51.39	170	230	P	V
5510MHz		16530	48.72	-19.58	68.3	44.19	39.08	18.21	52.76	160	300	P	V
802.11n		11100	50.74	-23.26	74	44.85	40.71	16.5	51.32	150	200	P	H
HT40		16650	50.81	-17.49	68.3	45.96	39.58	18.25	52.98	180	350	P	H
CH 110		11100	50.25	-23.75	74	44.36	40.71	16.5	51.32	150	200	P	V
5550MHz		16650	49.87	-18.43	68.3	45.02	39.58	18.25	52.98	180	350	P	V
802.11n		11340	50.14	-23.86	74	43.75	41	16.52	51.13	200	360	P	H
HT40		17010	49.75	-18.55	68.3	43.87	41.1	18.37	53.59	200	360	P	H
CH 134		11340	50.03	-23.97	74	43.64	41	16.52	51.13	200	360	P	V
5670MHz		17010	50.62	-17.68	68.3	44.74	41.1	18.37	53.59	200	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
802.11ac VHT80 CH 106 5530MHz		5459.2	57.2	-16.8	74	46.04	31.51	12.24	32.59	260	360	P	H
		5463.04	58.2	-10.1	68.3	47.03	31.52	12.24	32.59	260	360	P	H
		5458.96	47.4	-6.6	54	36.24	31.51	12.24	32.59	260	360	A	H
		5530	103.01	-	-	91.81	31.54	12.26	32.6	260	360	P	H
		5530	95.59	-	-	84.39	31.54	12.26	32.6	260	360	A	H
		5721.53	50.15	-18.15	68.3	38.55	31.91	12.29	32.6	260	360	P	H
		5454.88	52.08	-21.92	74	40.92	31.51	12.24	32.59	243	5	P	V
		5461.84	53.49	-14.81	68.3	42.33	31.51	12.24	32.59	243	5	P	V
		5459.68	42.52	-11.48	54	31.36	31.51	12.24	32.59	243	5	A	V
		5530	100.27	-	-	89.07	31.54	12.26	32.6	243	5	P	V
		5530	94.17	-	-	82.97	31.54	12.26	32.6	243	5	A	V
		5729.405	49.51	-18.79	68.3	37.9	31.91	12.3	32.6	243	5	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.33	-23.67	74	44.52	40.67	16.49	51.35	170	230	P	H
VHT80		16590	50.2	-18.1	68.3	45.54	39.29	18.23	52.86	160	300	P	H
CH 106		11060	50.82	-23.18	74	45.01	40.67	16.49	51.35	170	230	P	V
5530MHz		16590	50.36	-17.94	68.3	45.7	39.29	18.23	52.86	160	300	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

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

Full RU:

5150~5250MHz

WIFI 802.11ax HE20 Full (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)
		5149.5	60.65	-13.35	74	49.67	31.36	12.15	32.53	264	360	P	H
		5150	49.95	-4.05	54	38.97	31.36	12.15	32.53	264	360	A	H
802.11ax		5180	109.93	-	-	98.93	31.38	12.16	32.54	264	360	P	H
HE20 Full		5180	102.18	-	-	91.18	31.38	12.16	32.54	264	360	A	H
CH 36		5148.98	57.67	-16.33	74	46.69	31.36	12.15	32.53	244	5	P	V
5180MHz		5149.76	48.94	-5.06	54	37.96	31.36	12.15	32.53	244	5	A	V
		5180	110.73	-	-	99.73	31.38	12.16	32.54	244	5	P	V
		5180	104.17	-	-	93.17	31.38	12.16	32.54	244	5	A	V
		5137.02	50.55	-23.45	74	39.57	31.36	12.15	32.53	265	360	P	H
		5150	42.75	-11.25	54	31.77	31.36	12.15	32.53	265	360	A	H
		5220	113.67	-	-	102.65	31.4	12.17	32.55	265	360	P	H
		5220	106.19	-	-	95.17	31.4	12.17	32.55	265	360	A	H
802.11ax		5426.64	49.28	-24.72	74	38.14	31.49	12.23	32.58	265	360	P	H
HE20 Full		5373.12	39.61	-14.39	54	28.5	31.47	12.21	32.57	265	360	A	H
CH 44		5147.42	51.14	-22.86	74	40.16	31.36	12.15	32.53	245	6	P	V
5220MHz		5150	41.78	-12.22	54	30.8	31.36	12.15	32.53	245	6	A	V
		5220	109.83	-	-	98.81	31.4	12.17	32.55	245	6	P	V
		5220	102.74	-	-	91.72	31.4	12.17	32.55	245	6	A	V
		5371.44	48.46	-25.54	74	37.35	31.47	12.21	32.57	245	6	P	V
		5372.4	39.57	-14.43	54	28.46	31.47	12.21	32.57	245	6	A	V

		5078.78	50.85	-23.15	74	39.91	31.33	12.13	32.52	263	360	P	H
		5149.76	41.05	-12.95	54	30.07	31.36	12.15	32.53	263	360	A	H
		5240	111.55	-	-	100.51	31.41	12.18	32.55	263	360	P	H
		5240	103.56	-	-	92.52	31.41	12.18	32.55	263	360	A	H
802.11ax		5372.16	48.71	-25.29	74	37.6	31.47	12.21	32.57	263	360	P	H
HE20 Full		5392.56	39.72	-14.28	54	28.6	31.48	12.22	32.58	263	360	A	H
CH 48		5097.24	50.58	-23.42	74	39.62	31.34	12.14	32.52	246	8	P	V
5240MHz		5149.5	40.85	-13.15	54	29.87	31.36	12.15	32.53	246	8	A	V
		5240	110.7	-	-	99.66	31.41	12.18	32.55	246	8	P	V
		5240	103.21	-	-	92.17	31.41	12.18	32.55	246	8	A	V
		5428.32	49.25	-24.75	74	38.12	31.49	12.23	32.59	246	8	P	V
		5353.2	39.4	-14.6	54	28.3	31.46	12.21	32.57	246	8	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	49.27	-19.03	68.3	45.17	39.84	15.31	51.05	152	260	P	H
HE20 Full		15540	48.12	-25.88	74	44.17	38.85	17.76	52.66	189	238	P	H
CH 36		10360	49.78	-18.52	68.3	45.68	39.84	15.31	51.05	152	260	P	V
5180MHz		15540	48.53	-25.47	74	44.58	38.85	17.76	52.66	189	238	P	V
802.11ax		10440	48.07	-20.23	68.3	43.89	39.93	15.32	51.07	150	230	P	H
HE20 Full		15660	48.52	-25.48	74	45.25	38.32	17.83	52.88	160	225	P	H
CH 44		10440	49.34	-18.96	68.3	45.16	39.93	15.32	51.07	150	230	P	V
5220MHz		15660	47.27	-26.73	74	44	38.32	17.83	52.88	160	225	P	V
802.11ax		10480	48.92	-19.38	68.3	44.7	39.99	15.32	51.09	150	289	P	H
HE20 Full		15720	48	-26	74	45.12	38.01	17.87	53	150	291	P	H
CH 48		10480	49.46	-18.84	68.3	45.24	39.99	15.32	51.09	150	289	P	V
5240MHz		15720	47.27	-26.73	74	44.39	38.01	17.87	53	150	291	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 38 5190MHz		5150.02	63.02	-5.28	68.3	52.04	31.36	12.15	32.53	264	360	P	H
		5150	49.51	-4.49	54	38.53	31.36	12.15	32.53	264	360	A	H
		5190	105.85	-	-	94.85	31.38	12.16	32.54	264	360	P	H
		5190	99.13	-	-	88.13	31.38	12.16	32.54	264	360	A	H
		5438.16	48.41	-25.59	74	37.27	31.5	12.23	32.59	264	360	P	H
		5355	39.43	-14.57	54	28.33	31.46	12.21	32.57	264	360	A	H
		5148.46	59.17	-14.83	74	48.19	31.36	12.15	32.53	244	6	P	V
		5149.76	48.13	-5.87	54	37.15	31.36	12.15	32.53	244	6	A	V
		5190	103.85	-	-	92.85	31.38	12.16	32.54	244	6	P	V
		5190	96.13	-	-	85.13	31.38	12.16	32.54	244	6	A	V
		5397.28	49.8	-24.2	74	38.67	31.49	12.22	32.58	244	6	P	V
		5352.2	39.32	-14.68	54	28.22	31.46	12.21	32.57	244	6	A	V
802.11ax HE40 Full CH 46 5230MHz		5150.02	58.57	-9.73	68.3	47.59	31.36	12.15	32.53	264	360	P	H
		5150	49.92	-4.08	54	38.94	31.36	12.15	32.53	264	360	A	H
		5230	109.38	-	-	98.35	31.41	12.17	32.55	264	360	P	H
		5230	103.16	-	-	92.13	31.41	12.17	32.55	264	360	A	H
		5356.8	51.29	-22.71	74	40.19	31.46	12.21	32.57	264	360	P	H
		5350.08	41.67	-12.33	54	30.57	31.46	12.21	32.57	264	360	A	H
		5147.94	60.03	-13.97	74	49.05	31.36	12.15	32.53	241	7	P	V
		5149.76	46.94	-7.06	54	35.96	31.36	12.15	32.53	241	7	A	V
		5230	109.66	-	-	98.63	31.41	12.17	32.55	241	7	P	V
		5230	103.39	-	-	92.36	31.41	12.17	32.55	241	7	A	V
		5357.28	48.66	-25.34	74	37.56	31.46	12.21	32.57	241	7	P	V
		5350.08	40.37	-13.63	54	29.27	31.46	12.21	32.57	241	7	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.14	-18.16	68.3	46	39.87	15.32	51.05	150	360	P	H
HE40 Full		15570	50.72	-23.28	74	46.96	38.7	17.78	52.72	155	360	P	H
CH 38		10377.5	50.94	-17.36	68.3	46.8	39.87	15.32	51.05	161	360	P	V
5190MHz		15570	50.52	-23.48	74	46.76	38.7	17.78	52.72	161	0	P	V
802.11ax		10460	50.31	-17.99	68.3	46.12	39.95	15.32	51.08	150	360	P	H
HE40 Full		15690	49.78	-24.22	74	46.7	38.17	17.85	52.94	150	225	P	H
CH 46		10460	49.51	-18.79	68.3	45.32	39.95	15.32	51.08	150	360	P	V
5230MHz		15690	50.09	-23.91	74	47.01	38.17	17.85	52.94	150	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5140.14	60.21	-13.79	74	49.23	31.36	12.15	32.53	259	23	P	H
		5148.46	49.29	-4.71	54	38.31	31.36	12.15	32.53	259	23	A	H
		5210	103.07	-	-	92.04	31.4	12.17	32.54	259	23	P	H
		5210	97.07	-	-	86.04	31.4	12.17	32.54	259	23	A	H
		5371.44	48.98	-25.02	74	37.87	31.47	12.21	32.57	259	23	P	H
		5350.08	40.98	-13.02	54	29.88	31.46	12.21	32.57	259	23	A	H
		5150.02	56.69	-11.61	68.3	45.71	31.36	12.15	32.53	259	23	P	V
		5144.04	45.2	-8.8	54	34.22	31.36	12.15	32.53	259	23	A	V
		5210	102.72	-	-	91.69	31.4	12.17	32.54	259	23	P	V
		5210	96.7	-	-	85.67	31.4	12.17	32.54	259	23	A	V
		5435.52	49.17	-24.83	74	38.03	31.5	12.23	32.59	259	23	P	V
		5350.08	39.68	-14.32	54	28.58	31.46	12.21	32.57	259	23	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.07	-18.23	68.3	45.91	39.91	15.32	51.07	150	230	P	H
HE80 Full		15630	49.97	-24.03	74	46.61	38.39	17.82	52.85	160	225	P	H
CH 42		10420	49.89	-18.41	68.3	45.73	39.91	15.32	51.07	150	230	P	V
5210MHz		15630	50.56	-23.44	74	47.2	38.39	17.82	52.85	160	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
		5075.4	50.11	-23.89	74	39.17	31.33	12.13	32.52	263	360	P	H
		5108.16	40.87	-13.13	54	29.9	31.35	12.14	32.52	263	360	A	H
		5260	111.24	-	-	100.19	31.42	12.18	32.55	263	360	P	H
		5260	103.52	-	-	92.47	31.42	12.18	32.55	263	360	A	H
802.11ax		5382.48	48.92	-25.08	74	37.8	31.48	12.22	32.58	263	360	P	H
HE20 Full		5350.08	39.82	-14.18	54	28.72	31.46	12.21	32.57	263	360	A	H
CH 52		5125.58	50.04	-23.96	74	39.06	31.36	12.15	32.53	245	6	P	V
5260MHz		5105.56	40.95	-13.05	54	29.98	31.35	12.14	32.52	245	6	A	V
		5260	109.81	-	-	98.76	31.42	12.18	32.55	245	6	P	V
		5260	102.37	-	-	91.32	31.42	12.18	32.55	245	6	A	V
		5453.04	48.53	-25.47	74	37.37	31.51	12.24	32.59	245	6	P	V
		5352.72	39.54	-14.46	54	28.44	31.46	12.21	32.57	245	6	A	V
		5058.1	49.86	-24.14	74	38.92	31.32	12.13	32.51	264	359	P	H
		5148.05	41.43	-12.57	54	30.45	31.36	12.15	32.53	264	359	A	H
		5300	113.76	-	-	102.69	31.44	12.19	32.56	264	359	P	H
		5300	107.2	-	-	96.13	31.44	12.19	32.56	264	359	A	H
802.11ax		5351.28	57.08	-16.92	74	45.98	31.46	12.21	32.57	264	359	P	H
HE20 Full		5350.08	47.93	-6.07	54	36.83	31.46	12.21	32.57	264	359	A	H
CH 60		5032.55	51.87	-22.13	74	40.95	31.31	12.12	32.51	244	8	P	V
5300MHz		5145.25	41.41	-12.59	54	30.43	31.36	12.15	32.53	244	8	A	V
		5300	112.95	-	-	101.88	31.44	12.19	32.56	244	8	P	V
		5300	106.24	-	-	95.17	31.44	12.19	32.56	244	8	A	V
		5355.12	54.02	-19.98	74	42.92	31.46	12.21	32.57	244	8	P	V
		5350.08	44.58	-9.42	54	33.48	31.46	12.21	32.57	244	8	A	V

		5320	111.03	-	-	99.94	31.45	12.2	32.56	265	360	P	H
		5320	103.25	-	-	92.16	31.45	12.2	32.56	265	360	A	H
802.11ax		5350.24	57.71	-16.29	74	46.61	31.46	12.21	32.57	265	360	P	H
HE20 Full		5350.08	49.88	-4.12	54	38.78	31.46	12.21	32.57	265	360	A	H
CH 64		5320	111.84	-	-	100.75	31.45	12.2	32.56	243	7	P	V
5320MHz		5320	104.25	-	-	93.16	31.45	12.2	32.56	243	7	A	V
		5350.08	55.44	-18.56	74	44.34	31.46	12.21	32.57	243	7	P	V
		5350.08	47.38	-6.62	54	36.28	31.46	12.21	32.57	243	7	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10520	49.93	-18.37	68.3	45.64	40.03	15.37	51.11	150	220	P	H
HE20 Full		15780	47.13	-26.87	74	44.54	37.79	17.9	53.1	159	345	P	H
CH 52		10520	50.15	-18.15	68.3	45.86	40.03	15.37	51.11	150	220	P	V
5260MHz		15780	46.91	-27.09	74	44.32	37.79	17.9	53.1	159	345	P	V
802.11ax		10600	49.83	-24.17	74	45.31	40.13	15.55	51.16	185	215	P	H
HE20 Full		15900	47.15	-26.85	74	45.23	37.26	17.97	53.31	196	190	P	H
CH 60		10600	49.82	-24.18	74	45.3	40.13	15.55	51.16	185	215	P	V
5300MHz		15900	47.11	-26.89	74	45.19	37.26	17.97	53.31	196	190	P	V
802.11ax		10640	50.09	-23.91	74	45.45	40.17	15.65	51.18	152	135	P	H
HE20 Full		15960	47.18	-26.82	74	45.66	36.95	18.01	53.44	173	245	P	H
CH 64		10640	50.42	-23.58	74	45.78	40.17	15.65	51.18	152	135	P	V
5320MHz		15960	47.27	-26.73	74	45.75	36.95	18.01	53.44	173	245	P	V

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		5066.5	50.65	-23.35	74	39.72	31.32	12.13	32.52	263	360	P	H
		5149.45	41.33	-12.67	54	30.35	31.36	12.15	32.53	263	360	A	H
		5270	106.39	-	-	95.33	31.42	12.19	32.55	263	360	P	H
		5270	99.37	-	-	88.31	31.42	12.19	32.55	263	360	A	H
		5353.2	54.75	-19.25	74	43.65	31.46	12.21	32.57	263	360	P	H
		5350.08	42.95	-11.05	54	31.85	31.46	12.21	32.57	263	360	A	H
		5124.25	51.15	-22.85	74	40.18	31.36	12.14	32.53	244	4	P	V
		5150	41.32	-12.68	54	30.34	31.36	12.15	32.53	244	4	A	V
		5270	106.49	-	-	95.43	31.42	12.19	32.55	244	4	P	V
		5270	99.22	-	-	88.16	31.42	12.19	32.55	244	4	A	V
		5359.92	51.38	-22.62	74	40.28	31.46	12.21	32.57	244	4	P	V
		5350.08	41.58	-12.42	54	30.48	31.46	12.21	32.57	244	4	A	V
802.11ax HE40 Full CH 62 5310MHz		5146.3	49.58	-24.42	74	38.6	31.36	12.15	32.53	265	358	P	H
		5149.8	40.62	-13.38	54	29.64	31.36	12.15	32.53	265	358	A	H
		5310	105.66	-	-	94.57	31.45	12.2	32.56	265	358	P	H
		5310	99.21	-	-	88.12	31.45	12.2	32.56	265	358	A	H
		5351.52	59.15	-14.85	74	48.05	31.46	12.21	32.57	265	358	P	H
		5350.08	49.02	-4.98	54	37.92	31.46	12.21	32.57	265	358	A	H
		5084.35	50.84	-23.16	74	39.9	31.33	12.13	32.52	244	8	P	V
		5145.95	40.55	-13.45	54	29.57	31.36	12.15	32.53	244	8	A	V
		5310	106.89	-	-	95.8	31.45	12.2	32.56	244	8	P	V
		5310	98.21	-	-	87.12	31.45	12.2	32.56	244	8	A	V
		5351.52	58.85	-15.15	74	47.75	31.46	12.21	32.57	244	8	P	V
		5350.08	49.67	-4.33	54	38.57	31.46	12.21	32.57	244	8	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.55	-17.75	68.3	46.21	40.05	15.41	51.12	150	220	P	H
HE40 Full		15810	50.25	-23.75	74	47.86	37.63	17.92	53.16	168	345	P	H
CH 54		10540	49.73	-18.57	68.3	45.39	40.05	15.41	51.12	150	220	P	V
5270MHz		15810	50.5	-23.5	74	48.11	37.63	17.92	53.16	168	345	P	V
802.11ax		10620	49.94	-24.06	74	45.36	40.15	15.6	51.17	150	220	P	H
HE40 Full		15930	49.34	-24.66	74	47.63	37.1	17.99	53.38	160	100	P	H
CH 62		10620	49.6	-24.4	74	45.02	40.15	15.6	51.17	161	360	P	V
5310MHz		15930	48.98	-25.02	74	47.27	37.1	17.99	53.38	161	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5147.7	50.83	-23.17	74	39.85	31.36	12.15	32.53	259	32	P	H
		5144.2	41.65	-12.35	54	30.67	31.36	12.15	32.53	259	32	A	H
	*	5290	102.92	-	-	91.86	31.43	12.19	32.56	259	32	P	H
		5290	96.75	-	-	85.69	31.43	12.19	32.56	259	32	A	H
		5351.28	58.45	-15.55	74	47.35	31.46	12.21	32.57	259	32	P	H
		5350.32	49.05	-4.95	54	37.95	31.46	12.21	32.57	259	32	A	H
		5079.1	50.66	-23.34	74	39.72	31.33	12.13	32.52	270	360	P	V
		5114.8	41.28	-12.72	54	30.31	31.35	12.14	32.52	270	360	A	V
	*	5290	101.12	-	-	90.06	31.43	12.19	32.56	270	360	P	V
		5290	95.19	-	-	84.13	31.43	12.19	32.56	270	360	A	V
		5360.16	53.65	-20.35	74	42.55	31.46	12.21	32.57	270	360	P	V
		5356.08	44.72	-9.28	54	33.62	31.46	12.21	32.57	270	360	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	49.14	-19.16	68.3	44.67	40.11	15.51	51.15	150	220	P	H
HE80 Full		15870	48.11	-25.89	74	46.11	37.33	17.95	53.28	168	345	P	H
CH 58		10580	49.38	-18.92	68.3	44.91	40.11	15.51	51.15	150	220	P	V
5290MHz		15870	48.77	-25.23	74	46.77	37.33	17.95	53.28	168	345	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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)
		5458.8	53.9	-20.1	74	42.74	31.51	12.24	32.59	263	360	P	H
		5469.36	63.55	-4.75	68.3	52.38	31.52	12.24	32.59	263	360	P	H
		5460	47.12	-6.88	54	35.96	31.51	12.24	32.59	263	360	A	H
802.11ax		5500	110.88	-	-	99.69	31.54	12.25	32.6	263	360	P	H
HE20 Full		5500	103.56	-	-	92.37	31.54	12.25	32.6	263	360	A	H
CH 100		5459.44	50.72	-23.28	74	39.56	31.51	12.24	32.59	245	5	P	V
5500MHz		5469.68	58.73	-9.57	68.3	47.56	31.52	12.24	32.59	245	5	P	V
		5460	42.6	-11.4	54	31.44	31.51	12.24	32.59	245	5	A	V
		5500	109.1	-	-	97.91	31.54	12.25	32.6	245	5	P	V
		5500	101.46	-	-	90.27	31.54	12.25	32.6	245	5	A	V
		5410	48.87	-25.13	74	37.74	31.49	12.22	32.58	265	358	P	H
		5465.92	48.62	-19.68	68.3	37.45	31.52	12.24	32.59	265	358	P	H
		5427.76	39.88	-14.12	54	28.75	31.49	12.23	32.59	265	358	A	H
		5580	110.84	-	-	99.6	31.57	12.27	32.6	265	358	P	H
802.11ax		5580	104.4	-	-	93.16	31.57	12.27	32.6	265	358	A	H
HE20 Full		5762.795	49.96	-18.34	68.3	38.23	32.03	12.3	32.6	265	358	P	H
CH 116		5405.2	48.65	-25.35	74	37.52	31.49	12.22	32.58	243	7	P	V
5580MHz		5463.28	47.09	-21.21	68.3	35.92	31.52	12.24	32.59	243	7	P	V
		5424.88	39.82	-14.18	54	28.68	31.49	12.23	32.58	243	7	A	V
		5580	108.84	-	-	97.6	31.57	12.27	32.6	243	7	P	V
		5580	102.48	-	-	91.24	31.57	12.27	32.6	243	7	A	V
		5728.775	49.04	-19.26	68.3	37.43	31.91	12.3	32.6	243	7	P	V

		5700	111.36	-	-	99.89	31.78	12.29	32.6	265	360	P	H
802.11ax		5700	103.84	-	-	92.37	31.78	12.29	32.6	265	360	A	H
HE20 Full		5726.52	65.27	-3.03	68.3	53.66	31.91	12.3	32.6	265	360	P	H
CH 140		5700	110.59	-	-	99.12	31.78	12.29	32.6	245	3	P	V
5700MHz		5700	103.65	-	-	92.18	31.78	12.29	32.6	245	3	A	V
		5728.6	58.69	-9.61	68.3	47.08	31.91	12.3	32.6	245	3	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.14	-23.86	74	44.46	40.59	16.49	51.4	163	230	P	H
HE20 Full		16500	48.29	-20.01	68.3	43.85	38.94	18.2	52.7	178	296	P	H
CH 100		11000	50.41	-23.59	74	44.73	40.59	16.49	51.4	163	230	P	V
5500MHz		16500	48.92	-19.38	68.3	44.48	38.94	18.2	52.7	178	296	P	V
802.11ax		11160	50.16	-23.84	74	44.13	40.8	16.5	51.27	170	200	P	H
HE20 Full		16740	47.62	-20.68	68.3	42.54	39.93	18.28	53.13	161	0	P	H
CH 116		11160	50.33	-23.67	74	44.3	40.8	16.5	51.27	170	200	P	V
5580MHz		16740	50.44	-17.86	68.3	45.36	39.93	18.28	53.13	156	350	P	V
802.11ax		11400	50.43	-23.57	74	43.91	41.08	16.52	51.08	157	285	P	H
HE20 Full		17100	51.92	-16.38	68.3	45.43	41.6	18.41	53.52	165	246	P	H
CH 140		11400	50.06	-23.94	74	43.54	41.08	16.52	51.08	157	285	P	V
5700MHz		17100	49.51	-18.79	68.3	43.02	41.6	18.41	53.52	165	246	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	61.54	-12.46	74	50.38	31.51	12.24	32.59	271	24	P	H
		5464.24	61.38	-6.92	68.3	50.21	31.52	12.24	32.59	271	24	P	H
		5459.68	48.45	-5.55	54	37.29	31.51	12.24	32.59	271	24	A	H
		5510	107.81	-	-	96.62	31.54	12.25	32.6	271	24	P	H
802.11ax		5510	101.31	-	-	90.12	31.54	12.25	32.6	271	24	A	H
HE40 Full		5740.745	49.43	-18.87	68.3	37.76	31.97	12.3	32.6	271	24	P	H
CH 102		5451.52	52.66	-21.34	74	41.5	31.51	12.24	32.59	271	360	P	V
5510MHz		5466.88	58.34	-9.96	68.3	47.17	31.52	12.24	32.59	271	360	P	V
		5459.92	45.72	-8.28	54	34.56	31.51	12.24	32.59	271	360	A	V
		5510	106.58	-	-	95.39	31.54	12.25	32.6	271	360	P	V
		5510	99.57	-	-	88.38	31.54	12.25	32.6	271	360	A	V
		5741.69	49.35	-18.95	68.3	37.68	31.97	12.3	32.6	271	360	P	V
		5412.88	50.71	-23.29	74	39.57	31.49	12.23	32.58	251	7	P	H
		5468.8	52.61	-15.69	68.3	41.44	31.52	12.24	32.59	251	7	P	H
		5459.92	42.49	-11.51	54	31.33	31.51	12.24	32.59	251	7	A	H
		5550	108.29	-	-	97.07	31.56	12.26	32.6	251	7	P	H
802.11ax		5550	102.56	-	-	91.34	31.56	12.26	32.6	251	7	A	H
HE40 Full		5758.07	51.65	-16.65	68.3	39.92	32.03	12.3	32.6	251	7	P	H
CH 110		5428.96	50.06	-23.94	74	38.92	31.5	12.23	32.59	290	10	P	V
5550MHz		5464.72	49.94	-18.36	68.3	38.77	31.52	12.24	32.59	290	10	P	V
		5459.92	41.14	-12.86	54	29.98	31.51	12.24	32.59	290	10	A	V
		5550	108.09	-	-	96.87	31.56	12.26	32.6	290	10	P	V
		5550	101.97	-	-	90.75	31.56	12.26	32.6	290	10	A	V
		5747.99	49.9	-18.4	68.3	38.23	31.97	12.3	32.6	290	10	P	V

		5446.25	49.31	-24.69	74	38.16	31.51	12.23	32.59	149	7	P	H
		5469	47.7	-20.6	68.3	36.53	31.52	12.24	32.59	149	7	P	H
		5459.55	39.96	-14.04	54	28.8	31.51	12.24	32.59	149	7	A	H
		5670	107.07	-	-	95.67	31.72	12.28	32.6	149	7	P	H
802.11ax		5670	100.97	-	-	89.57	31.72	12.28	32.6	149	7	A	H
HE40 Full		5725.275	63.37	-4.93	68.3	51.76	31.91	12.3	32.6	149	7	P	H
CH 134		5427.35	49.08	-24.92	74	37.95	31.49	12.23	32.59	141	335	P	V
5670MHz		5465.5	48.76	-19.54	68.3	37.59	31.52	12.24	32.59	141	335	P	V
		5459.9	39.73	-14.27	54	28.57	31.51	12.24	32.59	141	335	A	V
		5670	109.38	-	-	97.98	31.72	12.28	32.6	141	335	P	V
		5670	103.26	-	-	91.86	31.72	12.28	32.6	141	335	A	V
		5725.975	59.04	-9.26	68.3	47.43	31.91	12.3	32.6	141	335	P	V

Remark

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

5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11020	50.57	-23.43	74	44.86	40.61	16.49	51.39	170	230	P	H
HE40 Full		16530	50.98	-17.32	68.3	46.45	39.08	18.21	52.76	160	300	P	H
CH 102		11020	50.57	-23.43	74	44.86	40.61	16.49	51.39	170	230	P	V
5510MHz		16530	51.39	-16.91	68.3	46.86	39.08	18.21	52.76	160	300	P	V
802.11ax		11100	50.09	-23.91	74	44.2	40.71	16.5	51.32	150	200	P	H
HE40 Full		16650	49.92	-18.38	68.3	45.07	39.58	18.25	52.98	180	350	P	H
CH 110		11100	50.36	-23.64	74	44.47	40.71	16.5	51.32	150	200	P	V
5550MHz		16650	51.66	-16.64	68.3	46.81	39.58	18.25	52.98	180	350	P	V
802.11ax		11340	50.63	-23.37	74	44.24	41	16.52	51.13	200	360	P	H
HE40 Full		17010	49.06	-19.24	68.3	43.18	41.1	18.37	53.59	200	360	P	H
CH 134		11340	50.29	-23.71	74	43.9	41	16.52	51.13	200	360	P	V
5670MHz		17010	50.18	-18.12	68.3	44.3	41.1	18.37	53.59	200	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 106 5530MHz		5451.28	59.27	-14.73	74	48.11	31.51	12.24	32.59	231	350	P	H
		5462.32	59.15	-9.15	68.3	47.99	31.51	12.24	32.59	231	350	A	H
		5459.2	48.24	-5.76	54	37.08	31.51	12.24	32.59	231	350	P	H
		5530	103.27	-	-	92.07	31.54	12.26	32.6	231	350	A	H
		5530	97.21	-	-	86.01	31.54	12.26	32.6	231	350	P	H
		5738.54	49.35	-18.95	68.3	37.68	31.97	12.3	32.6	231	350	A	H
		5446	52.64	-21.36	74	41.49	31.51	12.23	32.59	253	354	P	V
		5469.04	52.92	-15.38	68.3	41.75	31.52	12.24	32.59	253	354	A	V
		5459.92	43.64	-10.36	54	32.48	31.51	12.24	32.59	253	354	P	V
		5530	102.24	-	-	91.04	31.54	12.26	32.6	253	354	A	V
		5530	96.22	-	-	85.02	31.54	12.26	32.6	253	354	P	V
		5759.645	49.88	-18.42	68.3	38.15	32.03	12.3	32.6	253	354	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	50.16	-23.84	74	44.35	40.67	16.49	51.35	170	230	P	H
HE80 Full		16590	49.89	-18.41	68.3	45.23	39.29	18.23	52.86	160	300	P	H
CH 106		11060	50.84	-23.16	74	45.03	40.67	16.49	51.35	170	230	P	V
5530MHz		16590	50.5	-17.8	68.3	45.84	39.29	18.23	52.86	160	300	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Partial RU:

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		5115.44	51.69	-22.31	74	40.73	31.35	12.14	32.53	252	353	P	H
		5149.5	41.18	-12.82	54	30.2	31.36	12.15	32.53	252	353	A	H
		5180	109.36	-	-	98.36	31.38	12.16	32.54	252	353	P	H
		5180	101.76	-	-	90.76	31.38	12.16	32.54	252	353	A	H
		5033.28	53.27	-20.73	74	42.35	31.31	12.12	32.51	266	350	P	V
		5149.5	40.98	-13.02	54	30	31.36	12.15	32.53	266	350	A	V
		5180	107.71	-	-	96.71	31.38	12.16	32.54	266	350	P	V
		5180	101.56	-	-	90.56	31.38	12.16	32.54	266	350	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial RU CH 48 5240MHz		5101.92	53.25	-20.75	74	42.29	31.34	12.14	32.52	252	360	P	H
		5127.4	40.74	-13.26	54	29.76	31.36	12.15	32.53	252	360	A	H
		5240	111.62	-	-	100.58	31.41	12.18	32.55	252	360	P	H
		5240	104.63	-	-	93.59	31.41	12.18	32.55	252	360	A	H
		5357.52	49.97	-24.03	74	38.87	31.46	12.21	32.57	252	360	P	H
		5373.84	39.59	-14.41	54	28.48	31.47	12.21	32.57	252	360	A	H
		5090.22	50.27	-23.73	74	39.31	31.34	12.14	32.52	249	0	P	V
		5095.16	40.74	-13.26	54	29.78	31.34	12.14	32.52	249	0	A	V
		5240	112.11	-	-	101.07	31.41	12.18	32.55	249	0	P	V
		5240	103.17	-	-	92.13	31.41	12.18	32.55	249	0	A	V
		5436.96	51.11	-22.89	74	39.97	31.5	12.23	32.59	249	0	P	V
		5460	39.29	-14.71	54	28.13	31.51	12.24	32.59	249	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	47.65	-20.65	68.3	43.55	39.84	15.31	51.05	152	260	P	H
		15540	46.86	-27.14	74	42.91	38.85	17.76	52.66	189	238	P	H
		10360	47.48	-20.82	68.3	43.38	39.84	15.31	51.05	152	260	P	V
		15540	47.28	-26.72	74	43.33	38.85	17.76	52.66	189	238	P	V
802.11ax HE20 Partial RU CH 48 5240MHz		10480	46.27	-22.03	68.3	42.05	39.99	15.32	51.09	150	289	P	H
		15720	44.33	-29.67	74	41.45	38.01	17.87	53	150	291	P	H
		10480	47.33	-20.97	68.3	43.11	39.99	15.32	51.09	150	289	P	V
		15720	48.61	-25.39	74	45.73	38.01	17.87	53	150	291	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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		5149.76	63.72	-10.28	74	52.74	31.36	12.15	32.53	260	357	P	H
		5148.2	46.26	-7.74	54	35.28	31.36	12.15	32.53	260	357	A	H
		5190	106.47	-	-	95.47	31.38	12.16	32.54	260	357	P	H
		5190	98.59	-	-	87.59	31.38	12.16	32.54	260	357	A	H
		5362.84	50.91	-23.09	74	39.8	31.47	12.21	32.57	260	357	P	H
		5356.96	39.44	-14.56	54	28.34	31.46	12.21	32.57	260	357	A	H
		5150.02	57.27	-11.03	68.3	46.29	31.36	12.15	32.53	256	359	P	V
		5150	41.77	-12.23	54	30.79	31.36	12.15	32.53	256	359	A	V
		5190	104.58	-	-	93.58	31.38	12.16	32.54	256	359	P	V
		5190	97.8	-	-	86.8	31.38	12.16	32.54	256	359	A	V
		5459.72	49.83	-24.17	74	38.67	31.51	12.24	32.59	256	359	P	V
		5458.6	39.26	-14.74	54	28.1	31.51	12.24	32.59	256	359	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		5140.92	53.84	-20.16	74	42.86	31.36	12.15	32.53	260	360	P	H
		5150	41.26	-12.74	54	30.28	31.36	12.15	32.53	260	360	A	H
		5230	109.66	-	-	98.63	31.41	12.17	32.55	260	360	P	H
		5230	102.72	-	-	91.69	31.41	12.17	32.55	260	360	A	H
		5421.36	49.63	-24.37	74	38.49	31.49	12.23	32.58	260	360	P	H
		5360.4	40.16	-13.84	54	29.06	31.46	12.21	32.57	260	360	A	H
		5148.46	52.61	-21.39	74	41.63	31.36	12.15	32.53	227	359	P	V
		5149.76	41.24	-12.76	54	30.26	31.36	12.15	32.53	227	359	A	V
		5230	108.24	-	-	97.21	31.41	12.17	32.55	227	359	P	V
		5230	102	-	-	90.97	31.41	12.17	32.55	227	359	A	V
		5404.32	50.93	-23.07	74	39.8	31.49	12.22	32.58	227	359	P	V
		5350.8	39.76	-14.24	54	28.66	31.46	12.21	32.57	227	359	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 38 5190MHz		10380	48.29	-20.01	68.3	44.15	39.87	15.32	51.05	150	360	P	H
		15570	46.79	-27.21	74	43.03	38.7	17.78	52.72	155	360	P	H
		10380	48.05	-20.25	68.3	43.91	39.87	15.32	51.05	150	360	P	V
		15570	47.16	-26.84	74	43.4	38.7	17.78	52.72	155	360	P	V
802.11ax HE40 Partial RU CH 46 5230MHz		10460	48.08	-20.22	68.3	43.89	39.95	15.32	51.08	150	360	P	H
		15690	46.46	-27.54	74	43.38	38.17	17.85	52.94	150	225	P	H
		10460	48.08	-20.22	68.3	43.89	39.95	15.32	51.08	150	360	P	V
		15690	46.96	-27.04	74	43.88	38.17	17.85	52.94	150	225	P	V

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		5148.2	65.85	-8.15	74	54.87	31.36	12.15	32.53	262	347	P	H
		5149.76	46.35	-7.65	54	35.37	31.36	12.15	32.53	262	347	A	H
		5210	103.28	-	-	92.25	31.4	12.17	32.54	262	347	P	H
		5210	95.19	-	-	84.16	31.4	12.17	32.54	262	347	A	H
		5359.92	50.55	-23.45	74	39.45	31.46	12.21	32.57	262	347	P	H
		5355.36	39.71	-14.29	54	28.61	31.46	12.21	32.57	262	347	A	H
		5145.6	56.79	-17.21	74	45.81	31.36	12.15	32.53	238	343	P	V
		5149.5	41.98	-12.02	54	31	31.36	12.15	32.53	238	343	A	V
		5210	100.05	-	-	89.02	31.4	12.17	32.54	238	343	P	V
		5210	92.47	-	-	81.44	31.4	12.17	32.54	238	343	A	V
		5434.8	50.04	-23.96	74	38.9	31.5	12.23	32.59	238	343	P	V
		5355.6	39.43	-14.57	54	28.33	31.46	12.21	32.57	238	343	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial RU CH 42 5210MHz		5148.2	65.85	-8.15	74	54.87	31.36	12.15	32.53	262	347	P	H
		5149.76	46.35	-7.65	54	35.37	31.36	12.15	32.53	262	347	A	H
		5210	103.28	-	-	92.25	31.4	12.17	32.54	262	347	P	H
		5210	95.19	-	-	84.16	31.4	12.17	32.54	262	347	A	H
		5359.92	50.55	-23.45	74	39.45	31.46	12.21	32.57	262	347	P	H
		5355.36	39.71	-14.29	54	28.61	31.46	12.21	32.57	262	347	A	H
		5145.6	56.79	-17.21	74	45.81	31.36	12.15	32.53	238	343	P	V
		5149.5	41.98	-12.02	54	31	31.36	12.15	32.53	238	343	A	V
		5210	100.05	-	-	89.02	31.4	12.17	32.54	238	343	P	V
		5210	92.47	-	-	81.44	31.4	12.17	32.54	238	343	A	V
		5434.8	50.04	-23.96	74	38.9	31.5	12.23	32.59	238	343	P	V
		5355.6	39.43	-14.57	54	28.33	31.46	12.21	32.57	238	343	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	48.01	-20.29	68.3	43.85	39.91	15.32	51.07	150	230	P	H
		15630	46.57	-27.43	74	43.21	38.39	17.82	52.85	160	225	P	H
		10420	47.61	-20.69	68.3	43.45	39.91	15.32	51.07	150	230	P	V
		15630	46.24	-27.76	74	42.88	38.39	17.82	52.85	160	225	P	V
802.11ax HE80 Partial RU CH 42 5210MHz		10420	48.11	-20.19	68.3	43.95	39.91	15.32	51.07	150	230	P	H
		15630	45.8	-28.2	74	42.44	38.39	17.82	52.85	160	225	P	H
		10420	48.2	-20.1	68.3	44.04	39.91	15.32	51.07	150	230	P	V
		15630	46.59	-27.41	74	43.23	38.39	17.82	52.85	160	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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		5093.08	50.13	-23.87	74	39.17	31.34	12.14	32.52	268	360	P	H
		5103.22	40.75	-13.25	54	29.79	31.34	12.14	32.52	268	360	A	H
		5260	110.58	-	-	99.53	31.42	12.18	32.55	268	360	P	H
		5260	103.26	-	-	92.21	31.42	12.18	32.55	268	360	A	H
		5456.4	50.04	-23.96	74	38.88	31.51	12.24	32.59	268	360	P	H
		5350.08	39.49	-14.51	54	28.39	31.46	12.21	32.57	268	360	A	H
		5101.66	50.08	-23.92	74	39.12	31.34	12.14	32.52	263	357	P	V
		5103.74	40.75	-13.25	54	29.79	31.34	12.14	32.52	263	357	A	V
		5260	108.23	-	-	97.18	31.42	12.18	32.55	263	357	P	V
		5260	102.15	-	-	91.1	31.42	12.18	32.55	263	357	A	V
		5436.96	49.41	-24.59	74	38.27	31.5	12.23	32.59	263	357	P	V
		5460	39.33	-14.67	54	28.17	31.51	12.24	32.59	263	357	A	V
802.11ax HE20 Partial RU CH 64 5320MHz		5320	110.15	-	-	99.06	31.45	12.2	32.56	277	354	P	H
		5320	102.84	-	-	91.75	31.45	12.2	32.56	277	354	A	H
		5459.36	49.48	-24.52	74	38.32	31.51	12.24	32.59	277	354	P	H
		5350.4	40.22	-13.78	54	29.12	31.46	12.21	32.57	277	354	A	H
		5320	109.7	-	-	98.61	31.45	12.2	32.56	257	352	P	V
		5320	101.47	-	-	90.38	31.45	12.2	32.56	257	352	A	V
		5417.76	49.36	-24.64	74	38.22	31.49	12.23	32.58	257	352	P	V
		5350.08	39.94	-14.06	54	28.84	31.46	12.21	32.57	257	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	47.94	-20.36	68.3	43.65	40.03	15.37	51.11	150	220	P	H
		15780	46.44	-27.56	74	43.85	37.79	17.9	53.1	159	345	P	H
		10520	47.99	-20.31	68.3	43.7	40.03	15.37	51.11	150	220	P	V
		15780	45.39	-28.61	74	42.8	37.79	17.9	53.1	159	345	P	V
802.11ax HE20 Partial RU CH 64 5320MHz		10640	48.51	-25.49	74	43.87	40.17	15.65	51.18	152	135	P	H
		15960	45.73	-28.27	74	44.21	36.95	18.01	53.44	173	245	P	H
		10640	47.97	-26.03	74	43.33	40.17	15.65	51.18	152	135	P	V
		15960	45.27	-28.73	74	43.75	36.95	18.01	53.44	173	245	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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		5071.05	53.24	-20.76	74	42.31	31.32	12.13	32.52	266	358	P	H
		5149.1	41.05	-12.95	54	30.07	31.36	12.15	32.53	266	358	A	H
		5270	108.25	-	-	97.2	31.42	12.18	32.55	266	358	P	H
		5270	100.34	-	-	89.29	31.42	12.18	32.55	266	358	A	H
		5350.08	54.47	-19.53	74	43.37	31.46	12.21	32.57	266	358	P	H
		5350.8	40.28	-13.72	54	29.18	31.46	12.21	32.57	266	358	A	H
		5135.1	50.13	-23.87	74	39.15	31.36	12.15	32.53	257	340	P	V
		5103.95	40.88	-13.12	54	29.92	31.34	12.14	32.52	257	340	A	V
		5270	106.09	-	-	95.03	31.42	12.19	32.55	257	340	P	V
		5270	99.23	-	-	88.17	31.42	12.19	32.55	257	340	A	V
		5413.68	49.98	-24.02	74	38.84	31.49	12.23	32.58	257	340	P	V
		5354.64	39.65	-14.35	54	28.55	31.46	12.21	32.57	257	340	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 62 5310MHz		5027.3	51.1	-22.9	74	40.18	31.31	12.12	32.51	260	356	P	H
		5127.05	40.74	-13.26	54	29.76	31.36	12.15	32.53	260	356	A	H
		5310	106.24	-	-	95.15	31.45	12.2	32.56	260	356	P	H
		5310	99.38	-	-	88.29	31.45	12.2	32.56	260	356	A	H
		5368.56	52.45	-21.55	74	41.34	31.47	12.21	32.57	260	356	P	H
		5352.24	41.12	-12.88	54	30.02	31.46	12.21	32.57	260	356	A	H
		5127.4	49.69	-24.31	74	38.71	31.36	12.15	32.53	243	353	P	V
		5124.6	40.66	-13.34	54	29.69	31.36	12.14	32.53	243	353	A	V
		5310	105.24	-	-	94.15	31.45	12.2	32.56	243	353	P	V
		5310	97.41	-	-	86.32	31.45	12.2	32.56	243	353	A	V
		5351.76	55.31	-18.69	74	44.21	31.46	12.21	32.57	243	353	P	V
		5350.8	39.98	-14.02	54	28.88	31.46	12.21	32.57	243	353	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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	48.95	-19.35	68.3	44.66	40.03	15.37	51.11	150	220	P	H
		15780	46.14	-27.86	74	43.55	37.79	17.9	53.1	159	345	P	H
		10520	48.44	-19.86	68.3	44.15	40.03	15.37	51.11	150	220	P	V
		15780	46	-28	74	43.41	37.79	17.9	53.1	159	345	P	V
802.11ax HE40 Partial RU CH 62 5310MHz		10620	48.45	-25.55	74	43.87	40.15	15.6	51.17	150	220	P	H
		15930	46.71	-27.29	74	45	37.1	17.99	53.38	160	100	P	H
		10620	48.64	-25.36	74	44.06	40.15	15.6	51.17	150	220	P	V
		15930	44.86	-29.14	74	43.15	37.1	17.99	53.38	160	100	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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		5031.15	51.23	-22.77	74	40.31	31.31	12.12	32.51	255	349	P	H
		5124.6	40.83	-13.17	54	29.86	31.36	12.14	32.53	255	349	A	H
		5290	102.04	-	-	90.98	31.43	12.19	32.56	255	349	P	H
		5290	94.34	-	-	83.28	31.43	12.19	32.56	255	349	A	H
		5398.32	54.63	-19.37	74	43.5	31.49	12.22	32.58	255	349	P	H
		5372.16	41.24	-12.76	54	30.13	31.47	12.21	32.57	255	349	A	H
		5064.05	51.74	-22.26	74	40.81	31.32	12.13	32.52	237	338	P	V
		5108.15	40.77	-13.23	54	29.8	31.35	12.14	32.52	237	338	A	V
		5290	99.6	-	-	88.54	31.43	12.19	32.56	237	338	P	V
		5290	92.41	-	-	81.35	31.43	12.19	32.56	237	338	A	V
		5375.04	57.79	-16.21	74	46.68	31.47	12.22	32.58	237	338	P	V
		5358.96	39.73	-14.27	54	28.63	31.46	12.21	32.57	237	338	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial RU CH 58 5290MHz		5032.9	52.11	-21.89	74	41.19	31.31	12.12	32.51	245	358	P	H
		5122.85	41.01	-12.99	54	30.04	31.36	12.14	32.53	245	358	A	H
		5290	103.22	-	-	92.16	31.43	12.19	32.56	245	358	P	H
		5290	94.97	-	-	83.91	31.43	12.19	32.56	245	358	A	H
		5394.48	57.75	-16.25	74	46.63	31.48	12.22	32.58	245	358	P	H
		5350.08	43.17	-10.83	54	32.07	31.46	12.21	32.57	245	358	A	H
		5115.85	52.74	-21.26	74	41.78	31.35	12.14	32.53	283	356	P	V
		5127.4	40.97	-13.03	54	29.99	31.36	12.15	32.53	283	356	A	V
		5290	100.71	-	-	89.65	31.43	12.19	32.56	283	356	P	V
		5290	94.18	-	-	83.12	31.43	12.19	32.56	283	356	A	V
		5368.32	58.05	-15.95	74	46.94	31.47	12.21	32.57	283	356	P	V
		5350.08	40.77	-13.23	54	29.67	31.46	12.21	32.57	283	356	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5250~5350MHz

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 58 5290MHz		10580	47.3	-21	68.3	42.83	40.11	15.51	51.15	150	220	P	H
		15870	45.02	-28.98	74	43.02	37.33	17.95	53.28	168	345	P	H
		10580	48.57	-19.73	68.3	44.1	40.11	15.51	51.15	150	220	P	V
		15870	45.01	-28.99	74	43.01	37.33	17.95	53.28	168	345	P	V
802.11ax HE80 Partial RU CH 58 5290MHz		10580	48.82	-19.48	68.3	44.35	40.11	15.51	51.15	150	220	P	H
		15870	44.78	-29.22	74	42.78	37.33	17.95	53.28	168	345	P	H
		10580	47.96	-20.34	68.3	43.49	40.11	15.51	51.15	150	220	P	V
		15870	45.14	-28.86	74	43.14	37.33	17.95	53.28	168	345	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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		5431.12	50.47	-23.53	74	39.33	31.5	12.23	32.59	238	359	P	H
		5466.48	49.6	-18.7	68.3	38.43	31.52	12.24	32.59	238	359	P	H
		5459.92	40.53	-13.47	54	29.37	31.51	12.24	32.59	238	359	A	H
		5500	111.29	-	-	100.1	31.54	12.25	32.6	238	359	P	H
		5500	103.62	-	-	92.43	31.54	12.25	32.6	238	359	A	H
		5441.36	48.79	-25.21	74	37.65	31.5	12.23	32.59	268	341	P	V
		5469.04	50.69	-17.61	68.3	39.52	31.52	12.24	32.59	268	341	P	V
		5460	39.88	-14.12	54	28.72	31.51	12.24	32.59	268	341	A	V
		5500	108.77	-	-	97.58	31.54	12.25	32.6	268	341	P	V
		5500	101.22	-	-	90.03	31.54	12.25	32.6	268	341	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	113	-	-	101.53	31.78	12.29	32.6	254	357	P	H
		5700	104.21	-	-	92.74	31.78	12.29	32.6	254	357	A	H
		5732.36	55.27	-13.03	68.3	43.66	31.91	12.3	32.6	254	357	P	H
		5700	109.11	-	-	97.64	31.78	12.29	32.6	226	343	P	V
		5700	100.86	-	-	89.39	31.78	12.29	32.6	226	343	A	V
		5730.36	54.87	-13.43	68.3	43.26	31.91	12.3	32.6	226	343	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5470~5725MHz

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 100 5500MHz		11000	49.99	-24.01	74	44.31	40.59	16.49	51.4	163	230	P	H
		16500	47.41	-20.89	68.3	42.97	38.94	18.2	52.7	178	296	P	H
		11000	50.17	-23.83	74	44.49	40.59	16.49	51.4	163	230	P	V
		16500	47.36	-20.94	68.3	42.92	38.94	18.2	52.7	178	296	P	V
802.11ax HE20 Partial RU CH 140 5700MHz		11400	50.81	-23.19	74	44.29	41.08	16.52	51.08	157	285	P	H
		17100	49.4	-18.9	68.3	42.91	41.6	18.41	53.52	165	246	P	H
		11400	49.85	-24.15	74	43.33	41.08	16.52	51.08	157	285	P	V
		17100	50.2	-18.1	68.3	43.71	41.6	18.41	53.52	165	246	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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		5457.76	62.29	-11.71	74	51.13	31.51	12.24	32.59	248	359	P	H
		5470	58.51	-9.79	68.3	47.34	31.52	12.24	32.59	248	359	P	H
		5459.92	42.77	-11.23	54	31.61	31.51	12.24	32.59	248	359	A	H
		5510	108.9	-	-	97.71	31.54	12.25	32.6	248	359	P	H
		5510	102.24	-	-	91.05	31.54	12.25	32.6	248	359	A	H
		5759.96	50.66	-17.64	68.3	38.93	32.03	12.3	32.6	248	359	P	H
		5459.44	55.69	-18.31	74	44.53	31.51	12.24	32.59	231	342	P	V
		5464.96	56.02	-12.28	68.3	44.85	31.52	12.24	32.59	231	342	P	V
		5459.92	40.56	-13.44	54	29.4	31.51	12.24	32.59	231	342	A	V
		5510	105.73	-	-	94.54	31.54	12.25	32.6	231	342	P	V
		5510	100.26	-	-	89.07	31.54	12.25	32.6	231	342	A	V
		5747.36	50.19	-18.11	68.3	38.52	31.97	12.3	32.6	231	342	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		5448	50.51	-23.49	74	39.35	31.51	12.24	32.59	219	359	P	H
		5465.5	49.86	-18.44	68.3	38.69	31.52	12.24	32.59	219	359	P	H
		5457.8	39.67	-14.33	54	28.51	31.51	12.24	32.59	219	359	A	H
		5670	110.87	-	-	99.47	31.72	12.28	32.6	219	359	P	H
		5670	101.57	-	-	90.17	31.72	12.28	32.6	219	359	A	H
		5724.925	58.65	-9.65	68.3	47.05	31.91	12.29	32.6	219	359	P	H
		5387.1	50.1	-23.9	74	38.98	31.48	12.22	32.58	243	359	P	V
		5461.65	49.35	-18.95	68.3	38.19	31.51	12.24	32.59	243	359	P	V
		5459.9	39.45	-14.55	54	28.29	31.51	12.24	32.59	243	359	A	V
		5670	106.03	-	-	94.63	31.72	12.28	32.6	243	359	P	V
		5670	97.73	-	-	86.33	31.72	12.28	32.6	243	359	A	V
		5725.8	54.84	-13.46	68.3	43.23	31.91	12.3	32.6	243	359	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial RU CH 102 5510MHz		11020	50.27	-23.73	74	44.56	40.61	16.49	51.39	170	230	P	H
		16530	47.38	-20.92	68.3	42.85	39.08	18.21	52.76	160	300	P	H
		11020	49.64	-24.36	74	43.93	40.61	16.49	51.39	170	230	P	V
		16530	47.93	-20.37	68.3	43.4	39.08	18.21	52.76	160	300	P	V
802.11ax HE40 Partial RU CH 134 5670MHz		11340	49.78	-24.22	74	43.39	41	16.52	51.13	200	360	P	H
		17010	48.87	-19.43	68.3	42.99	41.1	18.37	53.59	200	360	P	H
		11340	48.94	-25.06	74	42.55	41	16.52	51.13	200	360	P	V
		17010	49.14	-19.16	68.3	43.26	41.1	18.37	53.59	200	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

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		5458.72	58.65	-15.35	74	47.49	31.51	12.24	32.59	268	359	P	H
		5467.84	64.07	-4.23	68.3	52.9	31.52	12.24	32.59	268	359	P	H
		5458.96	40.58	-13.42	54	29.42	31.51	12.24	32.59	268	359	A	H
		5530	102.58	-	-	91.38	31.54	12.26	32.6	268	359	P	H
		5530	95.59	-	-	84.39	31.54	12.26	32.6	268	359	A	H
		5690.03	51.51	-16.79	68.3	40.04	31.78	12.29	32.6	268	359	P	H
		5459.2	52.85	-21.15	74	41.69	31.51	12.24	32.59	242	357	P	V
		5468.56	55.86	-12.44	68.3	44.69	31.52	12.24	32.59	242	357	P	V
		5458.96	39.69	-14.31	54	28.53	31.51	12.24	32.59	242	357	A	V
		5530	99.73	-	-	88.53	31.54	12.26	32.6	242	357	P	V
		5530	92.66	-	-	81.46	31.54	12.26	32.6	242	357	A	V
		5735.39	51.02	-17.28	68.3	39.35	31.97	12.3	32.6	242	357	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

5470~5725MHz

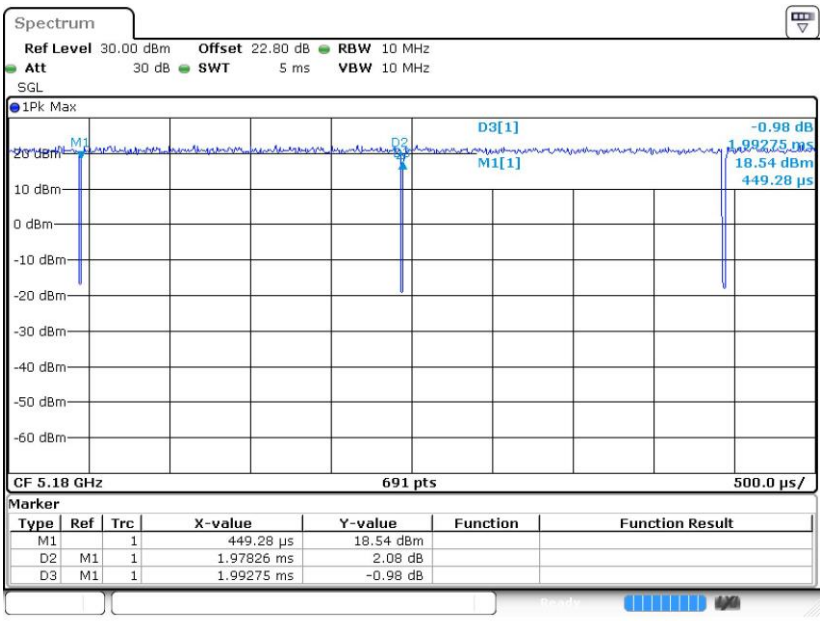
WIFI 802.11ax HE80 Partial RU (Harmonic @ 3m)

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	50.78	-23.22	74	44.97	40.67	16.49	51.35	170	230	P	H
		16590	47.31	-20.99	68.3	42.65	39.29	18.23	52.86	160	300	P	H
		11060	50.15	-23.85	74	44.34	40.67	16.49	51.35	170	230	P	V
		16590	47.74	-20.56	68.3	43.08	39.29	18.23	52.86	160	300	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

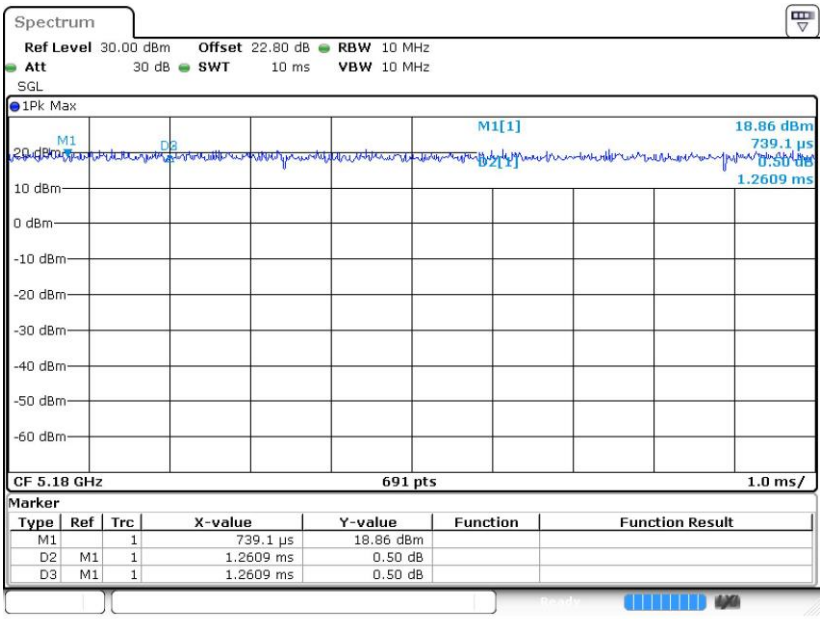
Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1+2	802.11a	99.27	-	-	10Hz
1+2	802.11n HT20	100	-	-	10Hz
1+2	802.11n HT40	100	-	-	10Hz
1+2	802.11ac VHT80	100	-	-	10Hz
1+2	802.11ax HE20	100	-	-	10Hz
1+2	802.11ax HE40	100	-	-	10Hz
1+2	802.11ax HE80	100	-	-	10Hz

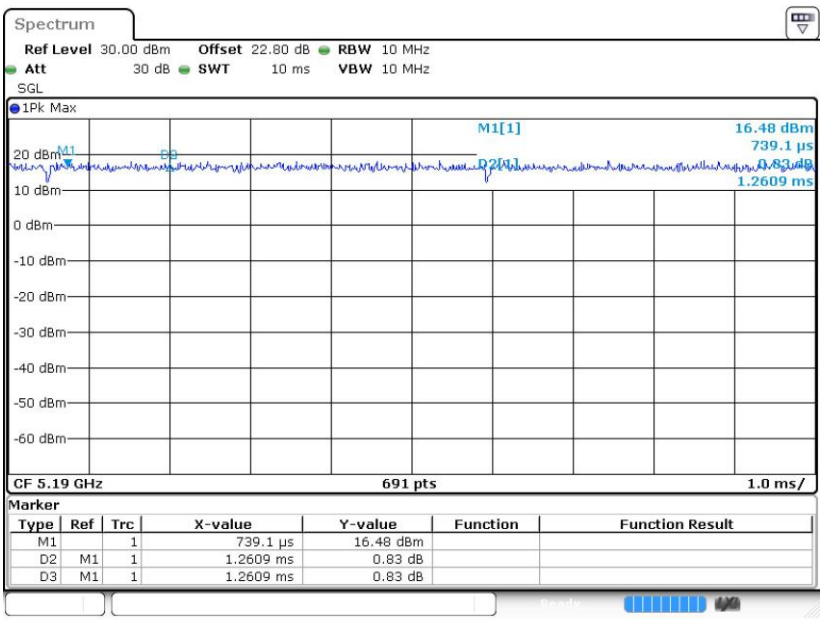
802.11a



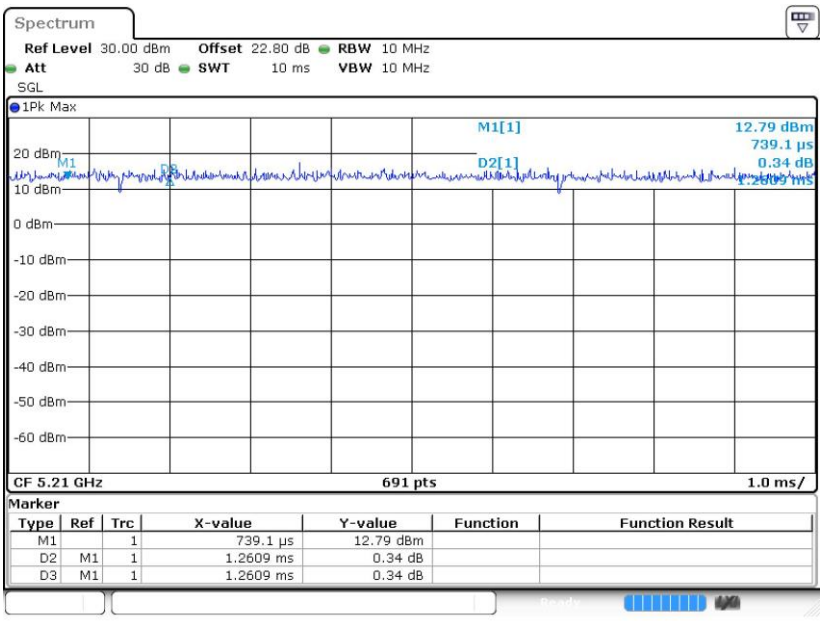
802.11n HT20



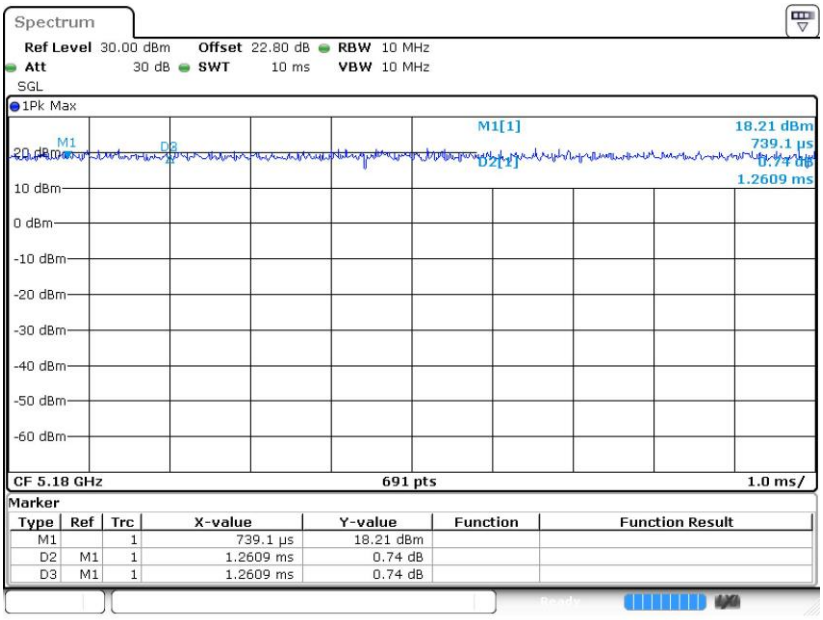
802.11n HT40



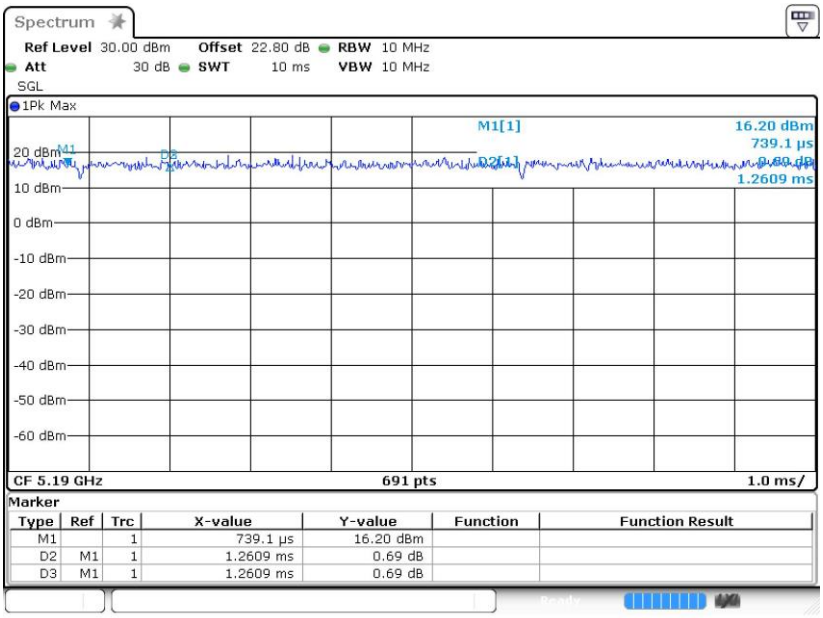
802.11ac VHT80



802.11ax HE20



802.11ax HE40



802.11ax HE80