FCC RF Test Report

APPLICANT	:	vivo Mobile Communication Co., Ltd.
EQUIPMENT	:	Mobile Phone
BRAND NAME	:	vivo
MODEL NAME	:	V2158
FCC ID	:	2AUCY-V2158
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure
TEST DATE(S)	:	Jul. 07, 2022 ~ Jul. 27, 2022

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

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

Jason Jia

Approved by: Jason Jia

Sporton International Inc. (ShenZhen)
1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055
People's Republic of China

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR260201E	Rev. 01	Initial issue of report	Aug. 08, 2022

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	Report only	-
3.2	15.407(a)	Maximum Conducted Output Power	⩽ 24 dBm	Pass	-
3.3	15.407(a)	Power Spectral Density	⩽ 11 dBm	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass	Under limit 2.01 dB at 5446.240 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 12.71 dB at 0.170 MHz
3.6	15.203 & 15.407(a)	Antenna Requirement	15.203 & 15.407(a)	Pass	-

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

1 General Description

1.1 Applicant

vivo Mobile Communication Co., Ltd.
No.1, vivo Road, Chang'an, Dongguan,Guangdong,China

1.2 Manufacturer

vivo Mobile Communication Co., Ltd.
No.1, vivo Road, Chang'an, Dongguan,Guangdong,China

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Phone
Brand Name	vivo
Model Name	V2158
FCC ID	2AUCY-V2158
IMEI Code	Conducted: 861185069997473 Conduction: 861185069997911 / 861185069997903 Radiation: 861185069998653 / 861185069998646
HW Version	MP_0.1
SW Version	PD2204CF_EX_A_12.0.5.2.W30.V000L1
EUT Stage	Production Unit

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 ~ 5720 MHz
Maximum Output Power to Antenna	**MIMO<Ant.1+2>** **<5180 MHz ~ 5240 MHz>** 802.11a : 20.57 dBm / 0.1140W 802.11n HT20 : 20.41 dBm / 0.1099 W 802.11n HT40 : 19.50 dBm / 0.0891 W 802.11ac VHT20 : 19.75 dBm / 0.0944 W 802.11ac VHT40 : 19.44 dBm / 0.0879 W 802.11ac VHT80 : 17.56 dBm / 0.0570 W 802.11ax HE20 : 20.01 dBm / 0.1002 W 802.11ax HE40 : 19.58 dBm / 0.0973 W 802.11ax HE80 : 17.05 dBm / 0.0541 W **<5260 MHz ~ 5320 MHz>** 802.11a : 20.05 dBm / 0.1012 W 802.11n HT20 : 20.07 dBm / 0.1016 W 802.11n HT40 : 19.76 dBm / 0.0946 W 802.11ac VHT20 : 19.38 dBm / 0.0867 W 802.11ac VHT40 : 18.82 dBm / 0.0762 W 802.11ac VHT80 : 16.36 dBm / 0.0433 W 802.11ax HE20 : 19.79 dBm / 0.0935 W 802.11ax HE40 : 19.37 dBm / 0.0955 W 802.11ax HE80 : 16.52 dBm / 0.0550 W **<5500 MHz ~ 5720 MHz >** 802.11a : 19.49 dBm / 0.0889 W 802.11n HT20 : 19.37 dBm / 0.0865 W 802.11n HT40 : 19.55 dBm / 0.0902 W 802.11ac VHT20 : 19.03 dBm / 0.0800 W 802.11ac VHT40 : 18.49 dBm / 0.0706 W 802.11ac VHT80 : 18.83 dBm / 0.0764 W 802.11ax HE20 : 19.02 dBm / 0.0817 W 802.11ax HE40 : 18.74 dBm / 0.0895 W 802.11ax HE80 : 18.89 dBm / 0.0774 W

Standards-related Product Specification	
99% Occupied Bandwidth	**MIMO <Ant.1>** **<5180 MHz ~ 5240 MHz>** 802.11a : 16.78 MHz 802.11n HT20 : 17.98 MHz 802.11n HT40 : 37.56 MHz 802.11ac VHT80 : 75.64 MHz 802.11ax HE20 : 18.93 MHz 802.11ax HE40 : 38.16 MHz 802.11ax HE80 : 77.08 MHz **<5260 MHz ~ 5320 MHz>** 802.11a : 16.83 MHz 802.11n HT20 : 17.88 MHz 802.11n HT40 : 37.16 MHz 802.11ac VHT80 : 75.52 MHz 802.11ax HE20 : 19.03 MHz 802.11ax HE40 : 37.86 MHz 802.11ax HE80 : 77.08 MHz **<5500 MHz ~ 5720 MHz >** 802.11a : 17.03 MHz 802.11n HT20 : 17.83 MHz 802.11n HT40 : 37.56 MHz 802.11ac VHT80 : 75.64 MHz 802.11ax HE20 : 18.93 MHz 802.11ax HE40 : 37.86 MHz 802.11ax HE80 : 77.32 MHz **MIMO <Ant.2>** **<5180 MHz ~ 5240 MHz>** 802.11a : 16.48 MHz 802.11n HT20 : 17.68 MHz 802.11n HT40 : 36.96 MHz 802.11ac VHT80 : 75.40 MHz 802.11ax HE20 : 18.88 MHz 802.11ax HE40 : 37.96 MHz 802.11ax HE80 : 77.08 MHz **<5260 MHz ~ 5320 MHz>** 802.11a : 16.58 MHz 802.11n HT20 : 17.63 MHz 802.11n HT40 : 36.96 MHz 802.11ac VHT80 : 75.52 MHz 802.11ax HE20 : 18.98 MHz 802.11ax HE40 : 37.76 MHz 802.11ax HE80 : 77.08 MHz **<5500 MHz ~ 5720 MHz >** 802.11a : 16.48 MHz 802.11n HT20 : 17.58 MHz 802.11n HT40 : 36.66 MHz 802.11ac VHT80 : 75.28 MHz 802.11ax HE20 : 18.83 MHz 802.11ax HE40 : 37.76 MHz 802.11ax HE80 : 77.20 MHz

<table>
<tr><th colspan="2">Standards-related Product Specification</th></tr>
<tr><td>Antenna Type / Gain</td><td><5180 MHz ~ 5240 MHz>
<Ant. 1> : PIFA Antenna with gain -3.00 dBi
<Ant. 2> : PIFA Antenna with gain -3.00 dBi
<5260 MHz ~ 5320 MHz>
<Ant. 1> : PIFA Antenna with gain -3.00 dBi
<Ant. 2> : PIFA Antenna with gain -3.00 dBi
<5500 MHz ~ 5720 MHz>
<Ant. 1> : PIFA Antenna with gain -3.00 dBi
<Ant. 2> : PIFA Antenna with gain -3.00 dBi</td></tr>
<tr><td>Type of Modulation</td><td>802.11a/n: OFDM (BPSK / QPSK / 16QAM / 64QAM)
802.11ac: OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)
802.11ax: OFDMA (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 SISO/MIMO</td><td>V</td><td>V</td></tr></table></td></tr>
</table>

Note:

1. Note: For 802.11n HT20 / ac VHT20 and 802.11n HT40 / ac VHT40 mode, the whole testing have assessed only 802.11n HT20/HT40 by referring to their maximum conducted power.
2. For SISO&MIMO (CDD) mode, the whole testing has assessed only MIMO mode by referring to their higher conducted power.
3. The device support partial RU for 802.11ax mode.

1.5 Modification of EUT

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

1.6 Testing Location

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

Test Firm	Sporton International Inc. (Shenzhen)		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	CO01-SZ TH01-SZ	CN1256	421272

Test Firm	Sporton International Inc. (Shenzhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City Guangdong Province China 518103 TEL: +86-755-33202398		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH04-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacturer	Name	Version
1.	03CH04-SZ	AUDIX	E3	6.2009-8-24
2.	CO01-SZ	AUDIX	E3	6.120613b

1.8 Applicable Standards

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

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

Remark:

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

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (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- 5720 MHz MHz U-NII-2C	100	5500	114	5570
	102	5510	116	5580
	104	5520	132	5660
	106	5530	134	5670
	108	5540	136	5680
	110	5550	140	5700
	112	5560		

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

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

2.2 Test Mode

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

MIMO Mode

Modulation	Data Rate
802.11a	**6 Mbps**
802.11n HT20	**MCS0**
802.11n HT40	**MCS0**
802.11ac VHT20 (Covered by HT20)	**MCS0**
802.11ac VHT40 (Covered by HT40)	**MCS0**
802.11ac VHT80	**MCS0**
802.11ax HE20	**MCS0**
802.11ax HE40	**MCS0**
802.11ax HE80	**MCS0**

Co-location
WWAN + Bluetooth Link + 802.11ac VHT80_Tx_CH106

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

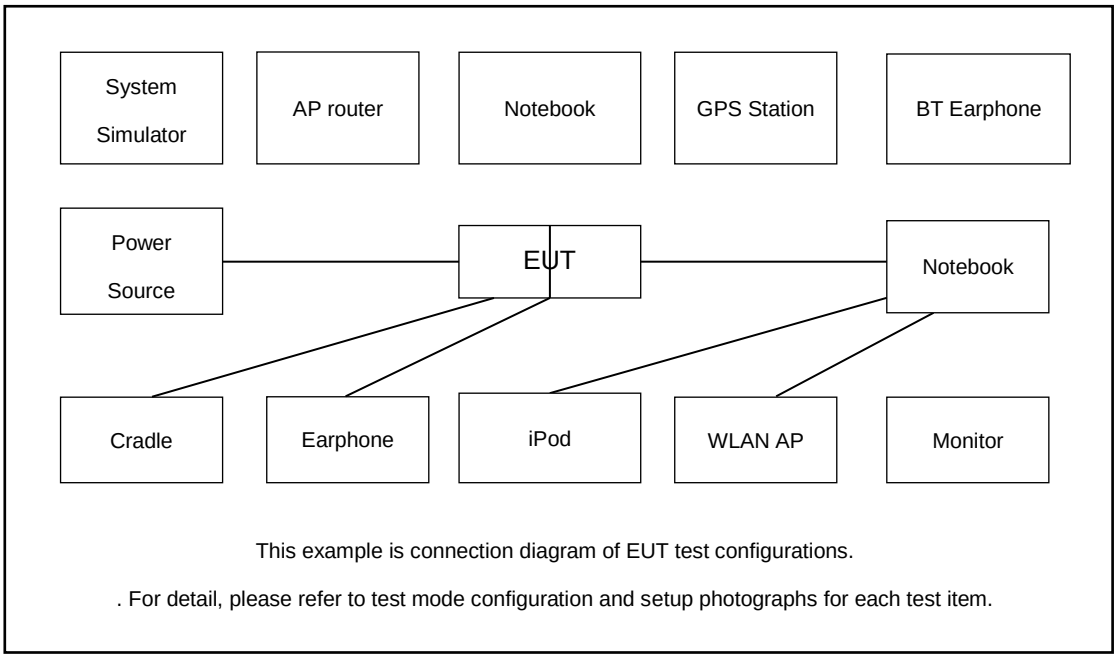
Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500- 5720 MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

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

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

Ch. #		U-NII-1：5180-5240 MHz	U-NII-2A：5260-5320 MHz	U-NII-2C：5500- 5720 MHz
		11ac/ax VHT80/HE80	11ac/ax VHT80/HE80	11ac/ax VHT80/HE80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

2.3 Connection Diagram of Test System



This example is connection diagram of EUT test configurations.

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

2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Base Station(LTE)	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	WLAN AP	Dlink	DIR-820L	KA2IR820LA1	N/A	Unshielded,1.8m

2.5 EUT Operation Test Setup

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

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 10 dB attenuator.

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

= 2.8 + 10 = 12.8 (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.

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

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

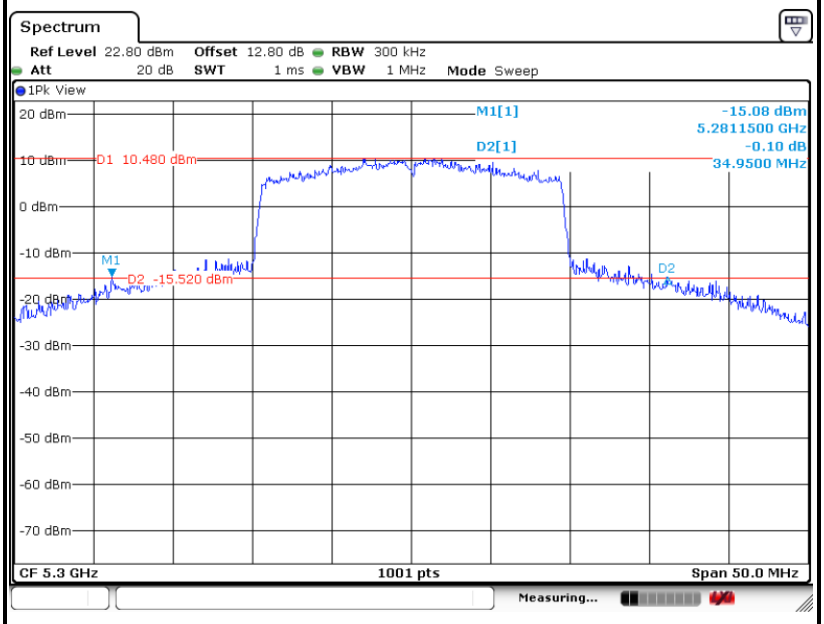
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup

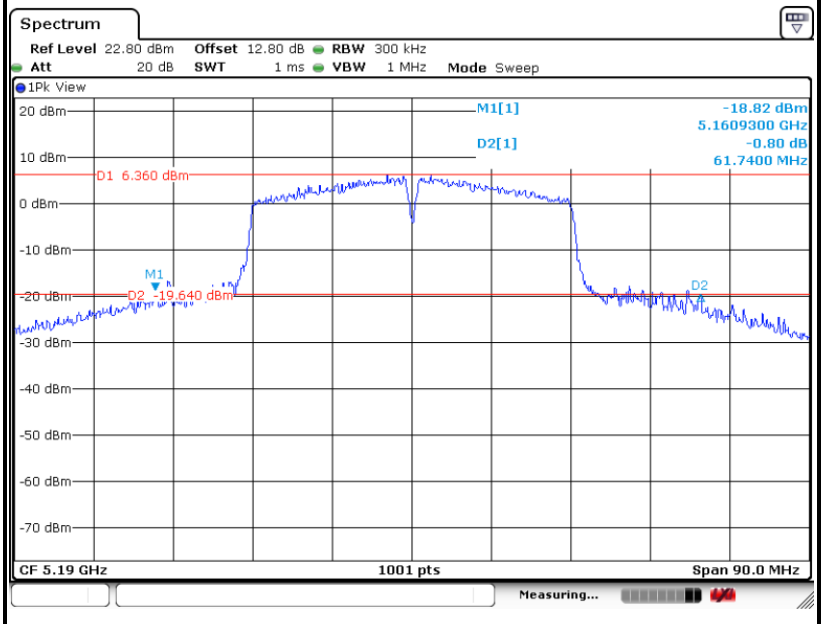
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

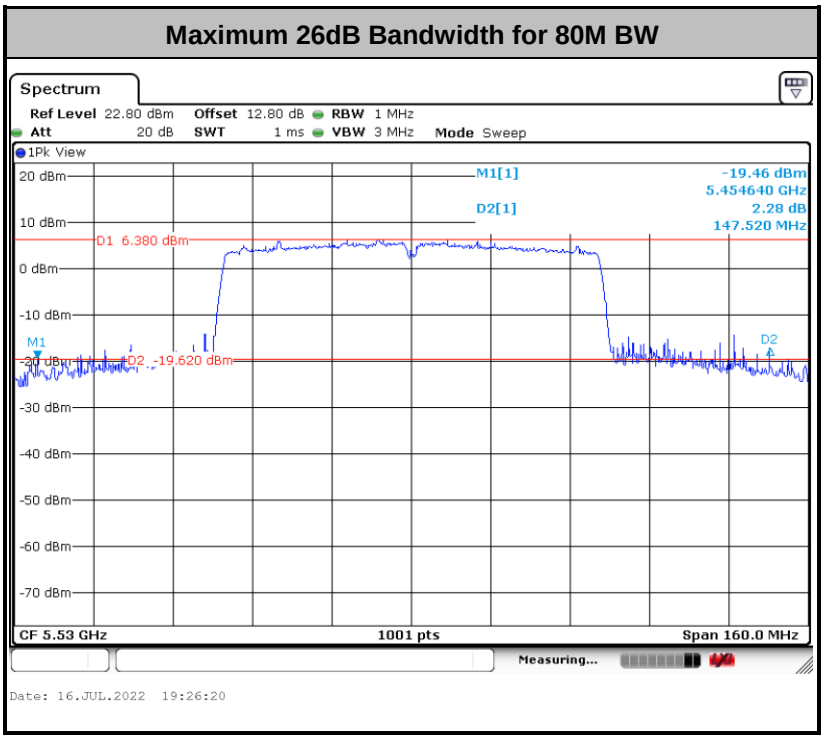
Maximum 26dB Bandwidth for 20M BW



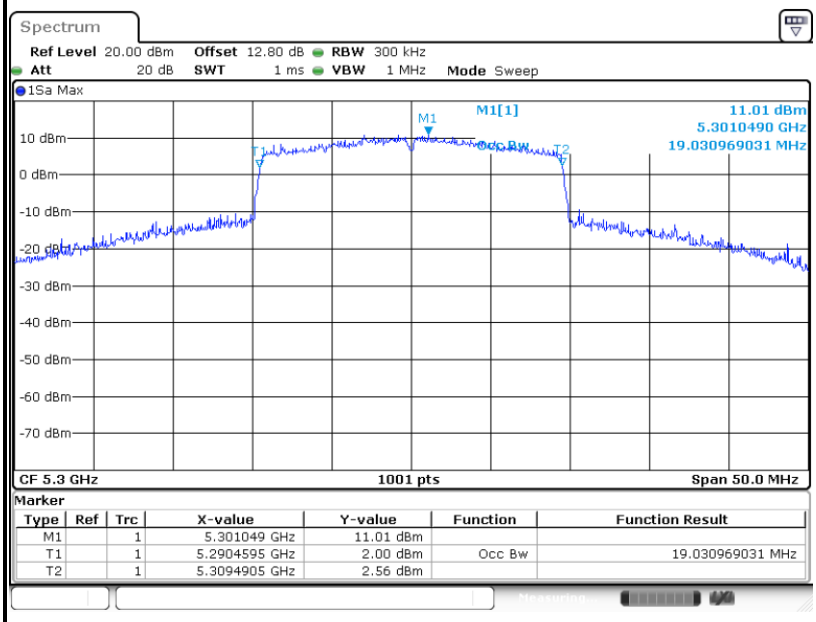
Maximum 26dB Bandwidth for 40M BW



Maximum 26dB Bandwidth for 80M BW

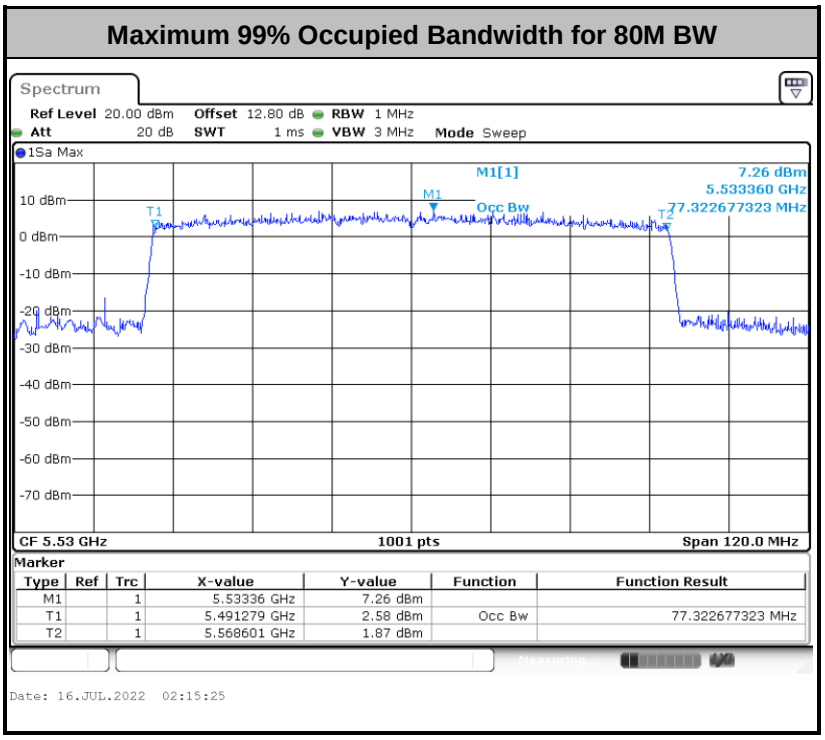


Maximum 99% Occupied Bandwidth for 20M BW



Maximum 99% Occupied Bandwidth for 40M BW

Maximum 99% Occupied Bandwidth for 80M BW



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

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

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

For the 5.47–5.6 GHz and 5.65–5.725 GHz band, the maximum conducted output power shall not exceed 250 mW or 11 + 10 log10 B, dBm, whichever power is less. The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99% emission bandwidth in megahertz.

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

If transmitting antennas of directional gain greater than 6 dBi are used, the 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

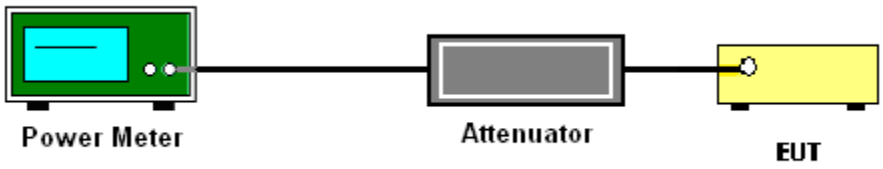
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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.
4. For MIMO mode, the measure-and-sum technique should be used for measuring the in-band transmit power of a device.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

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

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

 # Method SA-2 #

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

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

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.

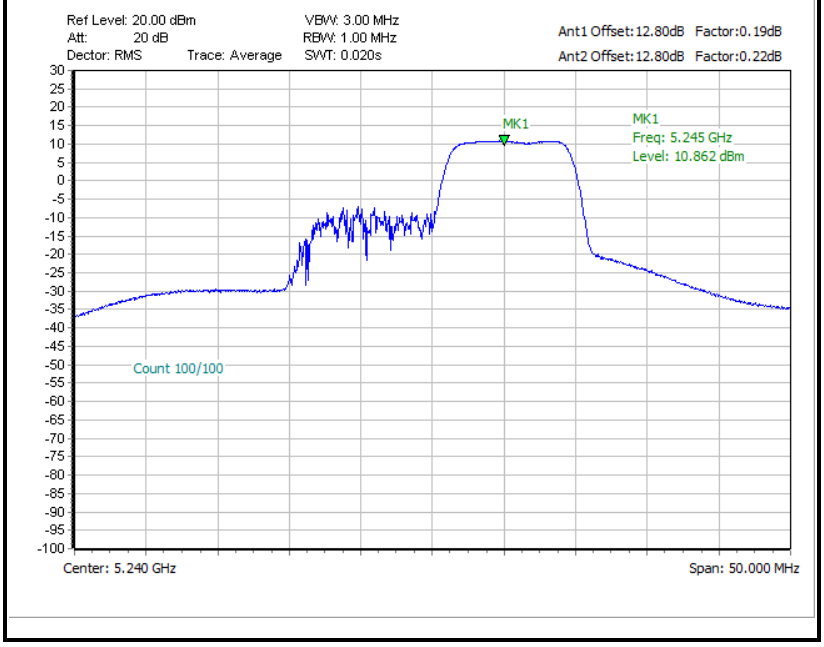
3.3.4 Test Setup

3.3.5 Test Result of Power Spectral Density

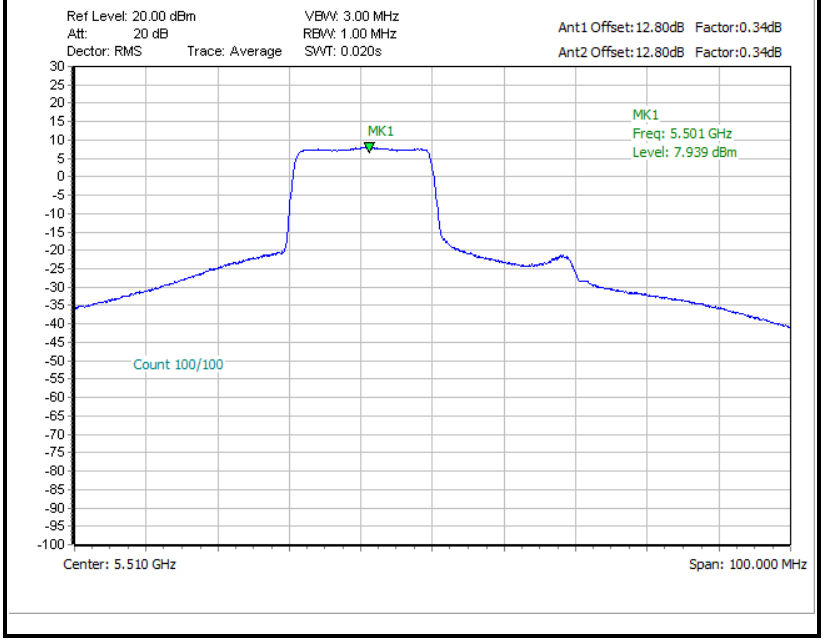
Please refer to Appendix A.

<CDD Modes>

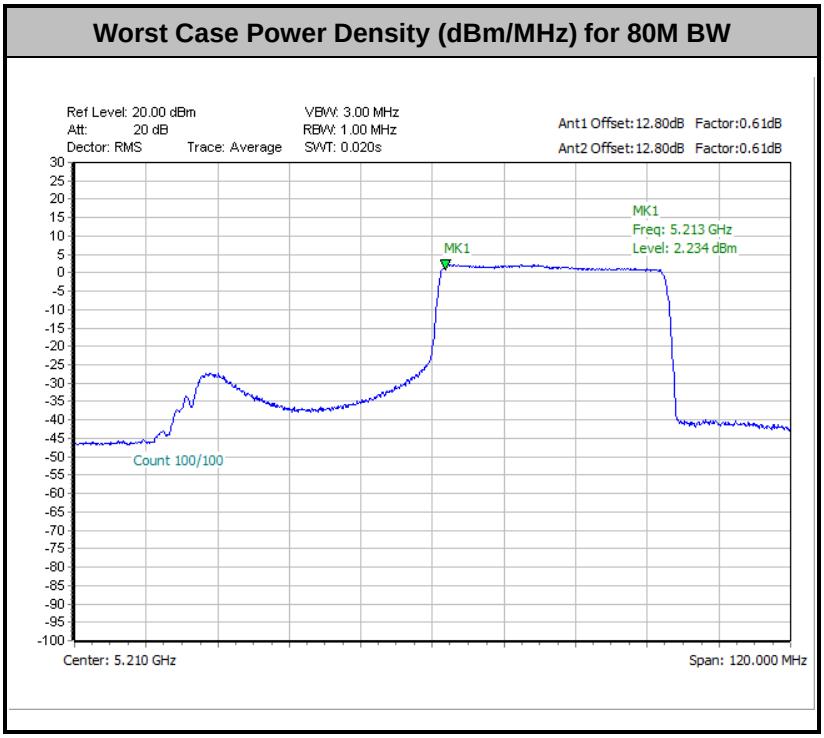
Worst Case Power Density (dBm/MHz) for 20M BW



Worst Case Power Density (dBm/MHz) for 40M BW



Worst Case Power Density (dBm/MHz) for 80M BW



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

3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of –27dBm/MHz.

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

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

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

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

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

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

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

where

EIRP is the equivalent isotropically radiated power, in dBm

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

d_{Meas} is the measurement distance, in m

(3) ANSI C63.10-2013 clause 12.7.3 note 97

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

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

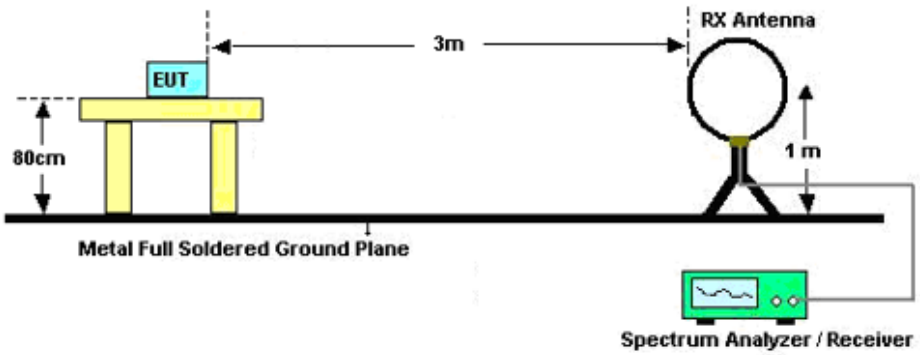
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

   - 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.

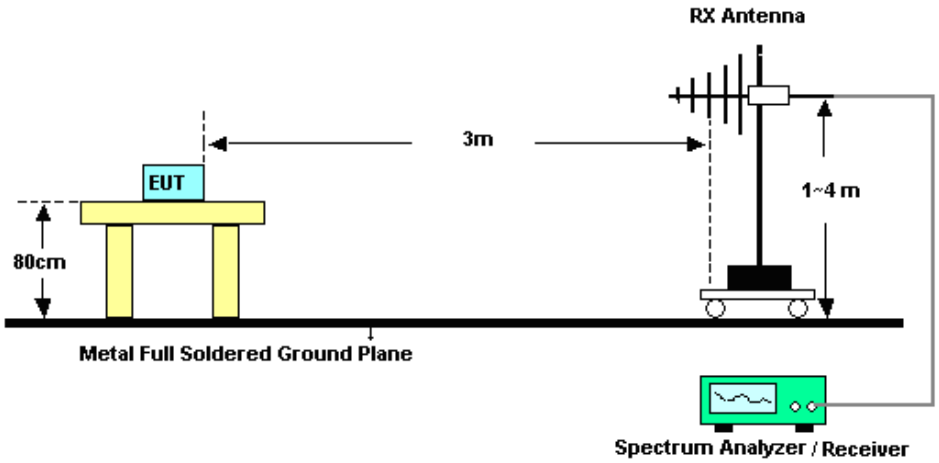
3.4.4 Test Setup

For radiated emissions below 30MHz



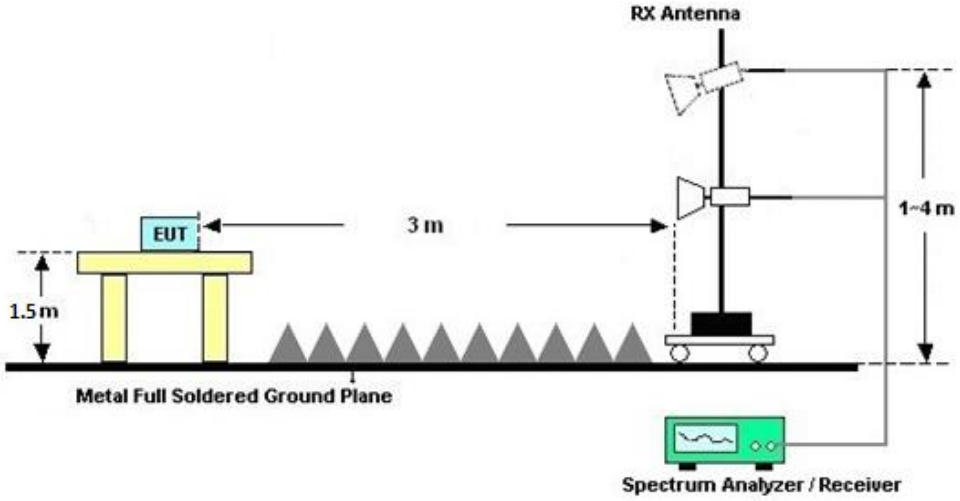
For radiated emissions from 30MHz to 1GHz

<CDD Mode>



For radiated emissions above 1GHz

<CDD Mode>



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.

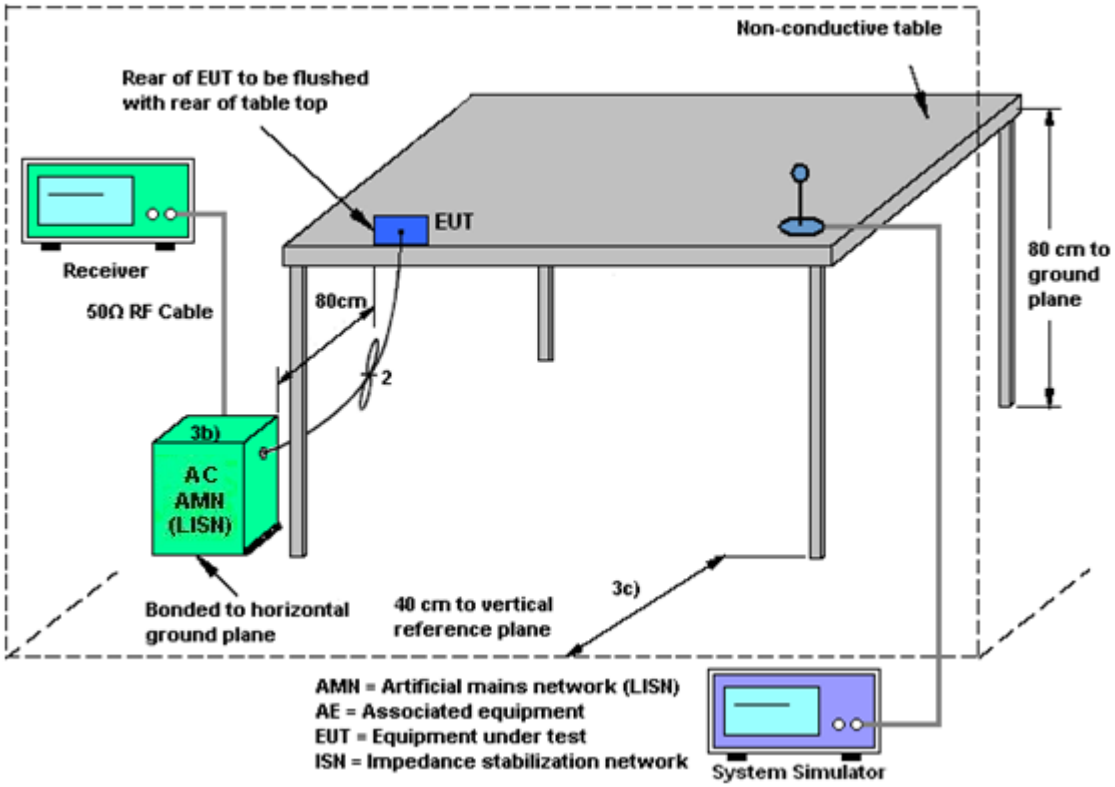
3.5.2 Measuring Instruments

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 Antenna Requirements

3.6.1 Standard Applicable

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

3.6.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.6.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>

	Ant. 1 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	-3.00	-3.00	-3.00	0.01	0.00	0.00
Band II	-3.00	-3.00	-3.00	0.01	0.00	0.00
Band III	-3.00	-3.00	-3.00	0.01	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. 07, 2022	Jul. 07, 2022~ Jul. 23, 2022	Apr. 06, 2023	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1339473	30MHz~40GHz	Dec. 28, 2021	Jul. 07, 2022~ Jul. 23, 2022	Dec. 27, 2022	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1542004	50MHz Bandwidth	Dec. 28, 2021	Jul. 07, 2022~ Jul. 23, 2022	Dec. 27, 2022	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V，3A	Oct. 25, 2021	Jul. 07, 2022~ Jul. 23, 2022	Oct. 24, 2022	Conducted (TH01-SZ)
Thermal Chamber	Ten Billion Hongzhangroup	LP-150U	H2014081803	-40~+150°C	Jul. 07, 2022	Jul. 07, 2022~ Jul. 23, 2022	Jul. 06, 2023	Conducted (TH01-SZ)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Sep. 1, 2021	Jul. 18, 2022	Aug. 31, 2022	Conduction (CO01-SZ)
AC LISN	R&S	ENV216	100063	9kHz~30MHz	Sep. 1, 2021	Jul. 18, 2022	Aug. 31, 2022	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Oct. 29, 2021	Jul. 18, 2022	Oct. 28, 2022	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Jul. 07, 2022	Jul. 18, 2022	Jul. 06, 2023	Conduction (CO01-SZ)
EMI Test Receiver	R&S	ESR7	101404	9kHz~7GHz	Oct. 22,2021	Jul. 27, 2022	Oct. 21,2022	Radiation (03CH04-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 07, 2022	Jul. 27, 2022	Jul. 06, 2023	Radiation (03CH04-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	Jul. 17, 2022	Jul. 27, 2022	July. 16, 2024	Radiation (03CH04-SZ)
Bilog Antenna	TeseQ	CBL6111D	41909	30MHz~1GHz	Oct. 22,2021	Jul. 27, 2022	Oct. 21,2022	Radiation (03CH04-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1474	1GHz~18GHz	Jul. 07, 2022	Jul. 27, 2022	Jul. 06, 2023	Radiation (03CH04-SZ)
Horn Antenna	SCHWARZBECK	BBHA9170	9170#679	15GHz~40GHz	Jul. 07, 2022	Jul. 27, 2022	Jul. 06, 2023	Radiation (03CH04-SZ)
Amplifier	Burgeon	BPA-530	102211	0.01Hz ~3000MHz	Oct. 22, 2021	Jul. 27, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 22, 2021	Jul. 27, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 06. 2022	Jul. 27, 2022	Jul. 05. 2023	Radiation (03CH04-SZ)
Amplifier	Agilent Technologies	83017A	MY53270156	500MHz~26.5GHz	Oct. 22, 2021	Jul. 27, 2022	Oct. 21, 2022	Radiation (03CH04-SZ)
AC Power Source	Chroma	61601	N/A	N/A	NCR	Jul. 27, 2022	NCR	Radiation (03CH04-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Jul. 27, 2022	NCR	Radiation (03CH04-SZ)
Antenna Mast	EM	EM1000	N/A	1 m~4 m	NCR	Jul. 27, 2022	NCR	Radiation (03CH04-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))	**2.2 dB**

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.8 dB**

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

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

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

Appendix A. Conducted Test Results

Report Number : FR260201E

Test Engineer:	Ma Jie	Temperature:	21~25	℃
Test Date:	2022/07/20	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	16.63	16.43	19.85	19.75	-		22.16			
11a	6Mbps	2	44	5220	16.78	16.48	21.75	19.80	-		22.17			
11a	6Mbps	2	48	5240	16.68	16.43	22.90	19.80	-		22.16			
HT20	MCS0	2	36	5180	17.88	17.63	25.15	20.55	-		22.46			
HT20	MCS0	2	44	5220	17.88	17.63	29.25	20.50	-		22.46			
HT20	MCS0	2	48	5240	17.98	17.68	25.20	22.90	-		22.48			
HT40	MCS0	2	38	5190	37.46	36.96	61.74	61.47	-		23.01			
HT40	MCS0	2	46	5230	37.56	36.86	60.30	61.21	-		23.01			
VHT80	MCS0	2	42	5210	75.64	75.40	146.72	83.36	-		23.01			
HE20	MCS0	2	36	5180	18.88	18.83	22.00	20.00	-		22.75			
HE20	MCS0	2	44	5220	18.88	18.88	26.40	27.65	-		22.76			
HE20	MCS0	2	48	5240	18.93	18.88	27.60	22.75	-		22.76			
HE40	MCS0	2	38	5190	37.86	37.76	39.33	39.42	-		23.01			
HE40	MCS0	2	46	5230	38.16	37.96	39.60	39.33	-		23.01			
HE80	MCS0	2	42	5210	77.08	77.08	80.64	80.80	-		23.01			

Report Number : FR260201E

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	0.13	0.13	15.03	15.21	18.13	24.00		-3.00			Pass
11a	6Mbps	2	44	Full	5220	0.13	0.13	17.17	17.92	20.57	24.00		-3.00			Pass
11a	6Mbps	2	48	Full	5240	0.13	0.13	17.10	17.85	20.50	24.00		-3.00			Pass
HT20	MCS0	2	36	Full	5180	0.17	0.14	15.28	15.54	18.42	24.00		-3.00			Pass
HT20	MCS0	2	44	Full	5220	0.17	0.14	17.11	17.67	20.41	24.00		-3.00			Pass
HT20	MCS0	2	48	Full	5240	0.17	0.14	16.79	17.38	20.10	24.00		-3.00			Pass
HT40	MCS0	2	38	Full	5190	0.28	0.30	14.93	15.33	18.15	24.00		-3.00			Pass
HT40	MCS0	2	46	Full	5230	0.28	0.30	16.24	16.72	19.50	24.00		-3.00			Pass
VHT20	MCS0	2	36	Full	5180	0.15	0.14	15.21	15.49	18.36	24.00		-3.00			Pass
VHT20	MCS0	2	44	Full	5220	0.15	0.14	16.47	17.00	19.75	24.00		-3.00			Pass
VHT20	MCS0	2	48	Full	5240	0.15	0.14	16.20	16.58	19.41	24.00		-3.00			Pass
VHT40	MCS0	2	38	Full	5190	0.28	0.28	14.85	15.24	18.06	24.00		-3.00			Pass
VHT40	MCS0	2	46	Full	5230	0.28	0.28	16.22	16.63	19.44	24.00		-3.00			Pass
VHT80	MCS0	2	42	Full	5210	0.55	0.55	14.39	14.71	17.56	24.00		-3.00			Pass
HE20	MCS0	2	36	Full	5180	0.19	0.22	14.51	14.83	17.69	24.00		-3.00			Pass
				26/0		0.19	0.22	11.67	11.80	14.75	24.00		-3.00			Pass
				52/37		0.19	0.22	14.01	14.06	17.05	24.00		-3.00			Pass
				106/53		0.19	0.22	16.72	17.16	19.96	24.00		-3.00			Pass
			44	Full	5220	0.19	0.22	16.53	17.00	19.79	24.00		-3.00			Pass
			48	Full	5240	0.19	0.22	16.51	17.43	20.01	24.00		-3.00			Pass
				26/8		0.19	0.22	10.80	10.91	13.87	24.00		-3.00			Pass
				52/40		0.19	0.22	12.30	12.76	15.55	24.00		-3.00			Pass
				106/54		0.19	0.22	14.27	14.77	17.54	24.00		-3.00			Pass
HE40	MCS0	2	38	Full	5190	0.34	0.34	15.75	16.08	18.93	24.00		-3.00			Pass
				242/61		0.34	0.34	13.22	13.63	16.44	24.00		-3.00			Pass
			46	Full	5230	0.34	0.34	16.31	16.81	19.58	24.00		-3.00			Pass
				242/62		0.34	0.34	16.36	17.32	19.88	24.00		-3.00			Pass
HE80	MCS0	2	42	Full	5210	0.61	0.60	14.17	13.90	17.05	24.00		-3.00			Pass
				484/65		0.61	0.60	13.02	13.31	16.18	24.00		-3.00			Pass
				484/66		0.61	0.60	14.05	14.58	17.33	24.00		-3.00			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	0.13	0.13			9.97	11.00		0.01			Pass
11a	6Mbps	2	44	Full	5220	0.13	0.13			10.11	11.00		0.01			Pass
11a	6Mbps	2	48	Full	5240	0.13	0.13			10.15	11.00		0.01			Pass
HT20	MCS0	2	36	Full	5180	0.17	0.14			9.70	11.00		0.01			Pass
HT20	MCS0	2	44	Full	5220	0.17	0.14			10.19	11.00		0.01			Pass
HT20	MCS0	2	48	Full	5240	0.17	0.14			9.86	11.00		0.01			Pass
HT40	MCS0	2	38	Full	5190	0.28	0.30			6.72	11.00		0.01			Pass
HT40	MCS0	2	46	Full	5230	0.28	0.30			6.87	11.00		0.01			Pass
VHT80	MCS0	2	42	Full	5210	0.55	0.55			1.20	11.00		0.01			Pass
HE20	MCS0	2	36	Full	5180	0.19	0.22			9.16	11.00		0.01			Pass
				26/0		0.19	0.22			10.73	11.00		0.01			Pass
				52/37		0.19	0.22			10.45	11.00		0.01			Pass
				106/53		0.19	0.22			10.52	11.00		0.01			Pass
HE20	MCS0	2	44	Full	5220	0.19	0.22			8.81	11.00		0.01			Pass
HE20	MCS0	2	48	Full	5240	0.19	0.22			9.29	11.00		0.01			Pass
				26/8		0.19	0.22			10.01	11.00		0.01			Pass
				52/40		0.19	0.22			10.09	11.00		0.01			Pass
				106/54		0.19	0.22			10.86	11.00		0.01			Pass
HE40	MCS0	2	38	Full	5190	0.34	0.34			4.93	11.00		0.01			Pass
				242/61		0.34	0.34			7.26	11.00		0.01			Pass
HE40	MCS0	2	46	Full	5230	0.34	0.34			5.52	11.00		0.01			Pass
				242/62		0.34	0.34			7.77	11.00		0.01			Pass
HE80	MCS0	2	42	Full	5210	0.61	0.60			-0.46	11.00		0.01			Pass
				484/65		0.61	0.60			5.00	11.00		0.01			Pass
				484/66		0.61	0.60			5.13	11.00		0.01			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	16.78	16.53	20.05	19.65	23.18		29.18		23.93		
11a	6Mbps	2	60	5300	16.83	16.58	23.80	20.10	23.20		29.20		23.98		
11a	6Mbps	2	64	5320	16.78	16.48	21.20	19.80	23.17		29.17		23.97		
HT20	MCS0	2	52	5260	17.78	17.58	22.30	20.50	23.45		29.45		23.98		
HT20	MCS0	2	60	5300	17.83	17.58	24.35	20.05	23.45		29.45		23.98		
HT20	MCS0	2	64	5320	17.88	17.63	25.40	20.55	23.46		29.46		23.98		
HT40	MCS0	2	54	5270	37.16	36.96	52.20	47.34	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	37.06	36.76	60.21	40.14	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	75.52	75.52	131.68	108.16	23.98		30.00		23.98		
HE20	MCS0	2	52	5260	18.88	18.83	20.20	20.70	23.75		29.75		23.98		
HE20	MCS0	2	60	5300	19.03	18.98	34.95	29.90	23.78		29.78		23.98		
HE20	MCS0	2	64	5320	19.03	18.93	34.15	31.40	23.77		29.77		23.98		
HE40	MCS0	2	54	5270	37.86	37.76	39.24	39.33	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	37.76	37.76	39.51	39.24	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	77.08	77.08	80.64	80.48	23.98		30.00		23.98		

Report Number : FR260201E

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)			DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2		
11a	6Mbps	2	52	Full	5260	0.13	0.13	16.27	17.27	19.81	-3.00		26.99	Pass
11a	6Mbps	2	60	Full	5300	0.13	0.13	16.31	17.66	20.05	-3.00		26.99	Pass
11a	6Mbps	2	64	Full	5320	0.13	0.13	15.95	14.59	18.34	-3.00		26.99	Pass
HT20	MCS0	2	52	Full	5260	0.17	0.14	16.26	17.38	19.87	-3.00		26.99	Pass
HT20	MCS0	2	60	Full	5300	0.17	0.14	16.34	17.68	20.07	-3.00		26.99	Pass
HT20	MCS0	2	64	Full	5320	0.17	0.14	15.74	14.41	18.13	-3.00		26.99	Pass
HT40	MCS0	2	54	Full	5270	0.28	0.30	16.24	17.21	19.76	-3.00		26.99	Pass
HT40	MCS0	2	62	Full	5310	0.28	0.30	13.17	11.72	15.52	-3.00		26.99	Pass
VHT20	MCS0	2	52	Full	5260	0.15	0.14	15.80	16.43	19.14	-3.00		26.99	Pass
VHT20	MCS0	2	60	Full	5300	0.15	0.14	15.78	16.88	19.38	-3.00		26.99	Pass
VHT20	MCS0	2	64	Full	5320	0.15	0.14	15.63	14.34	18.04	-3.00		26.99	Pass
VHT40	MCS0	2	54	Full	5270	0.28	0.28	15.40	16.19	18.82	-3.00		26.99	Pass
VHT40	MCS0	2	62	Full	5310	0.28	0.28	13.04	11.68	15.42	-3.00		26.99	Pass
VHT80	MCS0	2	58	Full	5290	0.55	0.55	14.00	12.59	16.36	-3.00		26.99	Pass
HE20	MCS0	2	52	Full	5260	0.19	0.22	16.21	17.13	19.71	-3.00		26.99	Pass
				26/0		0.19	0.22	10.63	11.39	14.04	-3.00		26.99	Pass
				52/37		0.19	0.22	13.43	14.05	16.76	-3.00		26.99	Pass
				106/53		0.19	0.22	16.23	17.05	19.67	-3.00		26.99	Pass
			60	Full	5300	0.19	0.22	16.05	17.40	19.79	-3.00		26.99	Pass
			64	Full	5320	0.19	0.22	15.29	14.03	17.72	-3.00		26.99	Pass
				26/8		0.19	0.22	9.97	11.40	13.75	-3.00		26.99	Pass
				52/40		0.19	0.22	12.81	14.34	16.65	-3.00		26.99	Pass
				106/54		0.19	0.22	14.68	15.92	18.35	-3.00		26.99	Pass
HE40	MCS0	2	54	Full	5270	0.34	0.34	15.85	16.82	19.37	-3.00		26.99	Pass
				242/61		0.34	0.34	16.42	17.13	19.80	-3.00		26.99	Pass
			62	Full	5310	0.34	0.34	15.47	13.94	17.78	-3.00		26.99	Pass
				242/62		0.34	0.34	14.12	15.11	17.65	-3.00		26.99	Pass
HE80	MCS0	2	58	Full	5290	0.61	0.60	13.95	13.01	16.52	-3.00		26.99	Pass
				484/65		0.61	0.60	13.87	14.85	17.40	-3.00		26.99	Pass
				484/66		0.61	0.60	11.62	12.59	15.14	-3.00		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	0.13	0.13			9.02	11.00		0.01			Pass
11a	6Mbps	2	60	Full	5300	0.13	0.13			9.83	11.00		0.01			Pass
11a	6Mbps	2	64	Full	5320	0.13	0.13			9.83	11.00		0.01			Pass
HT20	MCS0	2	52	Full	5260	0.17	0.14			8.66	11.00		0.01			Pass
HT20	MCS0	2	60	Full	5300	0.17	0.14			9.40	11.00		0.01			Pass
HT20	MCS0	2	64	Full	5320	0.17	0.14			9.52	11.00		0.01			Pass
HT40	MCS0	2	54	Full	5270	0.28	0.30			6.28	11.00		0.01			Pass
HT40	MCS0	2	62	Full	5310	0.28	0.30			6.55	11.00		0.01			Pass
VHT80	MCS0	2	58	Full	5290	0.55	0.55			0.96	11.00		0.01			Pass
HE20	MCS0	2	52	Full	5260	0.10	0.03			8.56	11.00		0.01			Pass
				26/0		0.10	0.03			10.18	11.00		0.01			Pass
				52/37		0.10	0.03			10.13	11.00		0.01			Pass
				106/53		0.10	0.03			10.50	11.00		0.01			Pass
HE20	MCS0	2	60	Full	5300	0.10	0.03			8.49	11.00		0.01			Pass
HE20	MCS0	2	64	Full	5320	0.10	0.03			8.46	11.00		0.01			Pass
				26/8		0.10	0.03			10.65	11.00		0.01			Pass
				52/40		0.10	0.03			10.69	11.00		0.01			Pass
				106/54		0.10	0.03			10.53	11.00		0.01			Pass
HE40	MCS0	2	54	Full	5270	0.12	0.10			5.19	11.00		0.01			Pass
				242/61		0.12	0.10			7.22	11.00		0.01			Pass
HE40	MCS0	2	62	Full	5310	0.12	0.10			4.54	11.00		0.01			Pass
				242/62		0.12	0.10			4.91	11.00		0.01			Pass
HE80	MCS0	2	58	Full	5290	0.20	0.18			-1.37	11.00		0.01			Pass
				484/65		0.20	0.18			4.09	11.00		0.01			Pass
				484/66		0.20	0.18			4.29	11.00		0.01			Pass

Report Number : FR260201E

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	17.03	16.48	23.20	19.85	23.17		29.17		23.98		
11a	6Mbps	2	116	5580	16.68	16.43	20.25	19.75	23.16		29.16		23.96		
11a	6Mbps	2	140	5700	16.68	16.43	20.05	19.70	23.16		29.16		23.94		
11a	6Mbps	2	144	5720	16.68	16.48	19.95	19.85	23.17		29.17		23.98		
HT20	MCS0	2	100	5500	17.83	17.58	26.35	20.20	23.45		29.45		23.98		
HT20	MCS0	2	116	5580	17.83	17.58	24.15	20.05	23.45		29.45		23.98		
HT20	MCS0	2	140	5700	17.78	17.58	21.75	20.05	23.45		29.45		23.98		
HT20	MCS0	2	144	5720	17.73	17.58	21.00	20.20	23.45		29.45		23.98		
HT40	MCS0	2	102	5510	37.56	36.66	60.39	40.77	23.98		30.00		23.98		
HT40	MCS0	2	110	5550	37.26	36.66	60.39	39.78	23.98		30.00		23.98		
HT40	MCS0	2	134	5670	37.26	36.56	61.56	39.96	23.98		30.00		23.98		
HT40	MCS0	2	142	5710	37.16	36.56	60.30	39.87	23.98		30.00		23.98		
VHT80	MCS0	2	106	5530	75.52	75.28	147.52	83.84	23.98		30.00		23.98		
VHT80	MCS0	2	122	5610	75.64	75.28	136.96	80.16	23.98		30.00		23.98		
VHT80	MCS0	2	138	5690	75.64	75.28	140.32	82.40	23.98		30.00		23.98		
HE20	MCS0	2	100	5500	18.93	18.83	28.65	20.60	23.75		29.75		23.98		
HE20	MCS0	2	116	5580	18.88	18.83	28.75	20.00	23.75		29.75		23.98		
HE20	MCS0	2	140	5700	18.78	18.78	19.95	19.95	23.74		29.74		23.98		
HE20	MCS0	2	144	5720	18.78	18.78	20.60	20.00	23.74		29.74		23.98		
HE40	MCS0	2	102	5510	37.76	37.66	39.51	39.33	23.98		30.00		23.98		
HE40	MCS0	2	110	5550	37.86	37.66	39.33	39.33	23.98		30.00		23.98		
HE40	MCS0	2	134	5670	37.76	37.76	39.42	39.33	23.98		30.00		23.98		
HE40	MCS0	2	142	5710	37.86	37.66	39.33	39.33	23.98		30.00		23.98		
HE80	MCS0	2	106	5530	77.32	77.08	88.32	80.32	23.98		30.00		23.98		
HE80	MCS0	2	122	5610	77.08	77.20	80.64	80.64	23.98		30.00		23.98		
HE80	MCS0	2	138	5690	77.20	77.08	80.64	80.64	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

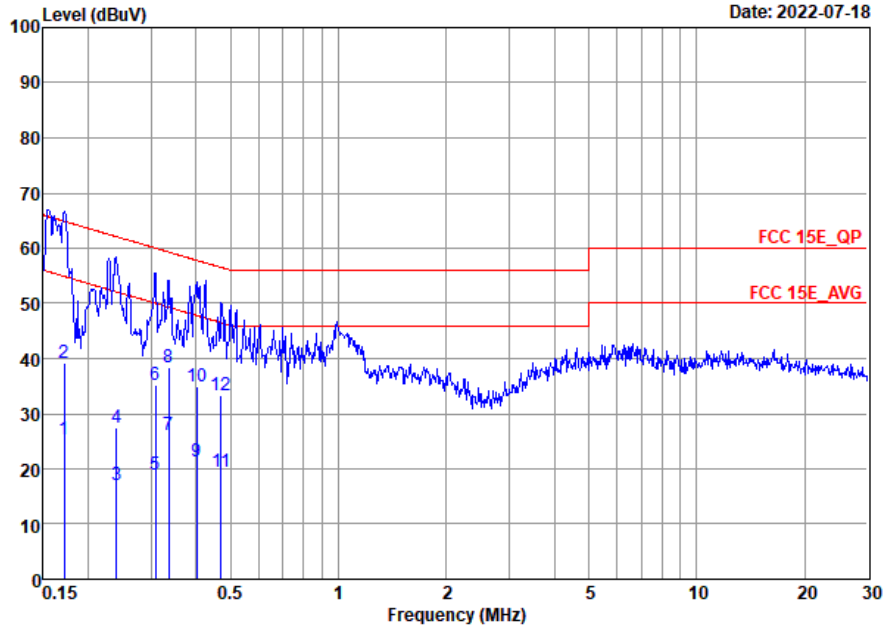
FCC Band III														
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2		
11a	6Mbps	2	100	Full	5500	0.13	0.13	15.95	16.34	19.16	-3.00		26.99	Pass
11a	6Mbps	2	116	Full	5580	0.13	0.13	16.05	16.17	19.12	-3.00		26.99	Pass
11a	6Mbps	2	140	Full	5700	0.13	0.13	14.49	15.20	17.87	-3.00		26.99	Pass
11a	6Mbps	2	144	Full	5720	0.13	0.13	16.45	16.51	19.49	-3.00		26.99	Pass
HT20	MCS0	2	100	Full	5500	0.17	0.14	12.98	13.24	16.12	-3.00		26.99	Pass
HT20	MCS0	2	116	Full	5580	0.17	0.14	16.08	16.62	19.37	-3.00		26.99	Pass
HT20	MCS0	2	140	Full	5700	0.17	0.14	13.01	13.32	16.18	-3.00		26.99	Pass
HT20	MCS0	2	144	Full	5720	0.17	0.14	16.28	16.25	19.27	-3.00		26.99	Pass
HT40	MCS0	2	102	Full	5510	0.28	0.30	12.08	12.40	15.25	-3.00		26.99	Pass
HT40	MCS0	2	110	Full	5550	0.28	0.30	16.15	16.90	19.55	-3.00		26.99	Pass
HT40	MCS0	2	134	Full	5670	0.28	0.30	14.91	15.55	18.25	-3.00		26.99	Pass
HT40	MCS0	2	142	Full	5710	0.28	0.30	16.09	16.45	19.28	-3.00		26.99	Pass
VHT20	MCS0	2	100	Full	5500	0.15	0.14	12.89	13.19	16.05	-3.00		26.99	Pass
VHT20	MCS0	2	116	Full	5580	0.15	0.14	15.50	16.30	18.93	-3.00		26.99	Pass
VHT20	MCS0	2	140	Full	5700	0.15	0.14	12.80	13.24	16.04	-3.00		26.99	Pass
VHT20	MCS0	2	144	Full	5720	0.15	0.14	16.01	16.03	19.03	-3.00		26.99	Pass
VHT40	MCS0	2	102	Full	5510	0.28	0.28	12.02	12.28	15.16	-3.00		26.99	Pass
VHT40	MCS0	2	110	Full	5550	0.28	0.28	15.20	15.74	18.49	-3.00		26.99	Pass
VHT40	MCS0	2	134	Full	5670	0.28	0.28	14.89	15.33	18.13	-3.00		26.99	Pass
VHT40	MCS0	2	142	Full	5710	0.28	0.28	15.14	15.36	18.26	-3.00		26.99	Pass
VHT80	MCS0	2	106	Full	5530	0.55	0.55	13.20	13.61	16.42	-3.00		26.99	Pass
VHT80	MCS0	2	122	Full	5610	0.55	0.55	15.52	16.10	18.83	-3.00		26.99	Pass
VHT80	MCS0	2	138	Full	5690	0.55	0.55	15.53	15.89	18.72	-3.00		26.99	Pass
HE20	MCS0	2	100	Full	5500	0.19	0.22	15.52	15.28	18.42	-3.00		26.99	Pass
				26/0		0.19	0.22	11.15	11.26	14.22	-3.00		26.99	Pass
				52/37		0.19	0.22	13.94	13.96	16.96	-3.00		26.99	Pass
				106/53		0.19	0.22	15.23	15.52	18.39	-3.00		26.99	Pass
			116	Full	5580	0.19	0.22	15.61	16.36	19.02	-3.00		26.99	Pass
			140	Full	5700	0.19	0.22	14.46	14.03	17.26	-3.00		26.99	Pass
				26/8		0.19	0.22	10.97	11.27	14.13	-3.00		26.99	Pass
				52/40		0.19	0.22	13.77	13.97	16.88	-3.00		26.99	Pass
				106/54		0.19	0.22	15.99	16.07	19.04	-3.00		26.99	Pass
			144	Full	5720	0.19	0.22	15.55	15.66	18.62	-3.00		26.99	Pass
				26/8		0.19	0.22	11.12	11.44	14.29	-3.00		26.99	Pass
				52/37		0.19	0.22	13.95	14.05	17.01	-3.00		26.99	Pass
				106/54		0.19	0.22	16.03	16.19	19.12	-3.00		26.99	Pass
HE40	MCS0	2	102	Full	5510	0.34	0.34	14.58	14.16	17.38	-3.00		26.99	Pass
				242/61		0.34	0.34	16.34	16.68	19.52	-3.00		26.99	Pass
			110	Full	5550	0.34	0.34	15.26	16.16	18.74	-3.00		26.99	Pass
			134	Full	5670	0.34	0.34	15.30	15.58	18.45	-3.00		26.99	Pass
				242/62		0.34	0.34	15.28	15.55	18.43	-3.00		26.99	Pass
			142	Full	5710	0.34	0.34	15.15	15.47	18.32	-3.00		26.99	Pass
				242/62		0.34	0.34	16.02	16.13	19.09	-3.00		26.99	Pass
HE80	MCS0	2	106	Full	5530	0.61	0.60	13.14	12.63	15.90	-3.00		26.99	Pass
				484/65		0.61	0.60	13.61	13.92	16.78	-3.00		26.99	Pass
			122	Full	5610	0.61	0.60	15.51	16.22	18.89	-3.00		26.99	Pass
				484/66		0.61	0.60	15.05	15.92	18.52	-3.00		26.99	Pass
			138	Full	5690	0.61	0.60	15.50	15.89	18.71	-3.00		26.99	Pass
				484/66		0.61	0.60	15.46	15.63	18.56	-3.00		26.99	Pass

TEST RESULTS DATA
Power Spectral Density

Band III																
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	100	Full	5500	0.13	0.13			8.94	11.00		0.01			Pass
11a	6Mbps	2	116	Full	5580	0.13	0.13			9.16	11.00		0.01			Pass
11a	6Mbps	2	140	Full	5700	0.13	0.13			9.29	11.00		0.01			Pass
11a	6Mbps	2	144	Full	5720	0.13	0.13			9.00	11.00		0.01			Pass
HT20	MCS0	2	100	Full	5500	0.17	0.14			9.07	11.00		0.01			Pass
HT20	MCS0	2	116	Full	5580	0.17	0.14			8.84	11.00		0.01			Pass
HT20	MCS0	2	140	Full	5700	0.17	0.14			8.25	11.00		0.01			Pass
HT20	MCS0	2	144	Full	5720	0.17	0.14			8.96	11.00		0.01			Pass
HT40	MCS0	2	102	Full	5510	0.28	0.30			5.90	11.00		0.01			Pass
HT40	MCS0	2	110	Full	5550	0.28	0.30			6.06	11.00		0.01			Pass
HT40	MCS0	2	134	Full	5670	0.28	0.30			5.53	11.00		0.01			Pass
HT40	MCS0	2	142	Full	5710	0.28	0.30			5.91	11.00		0.01			Pass
VHT80	MCS0	2	106	Full	5530	0.55	0.55			0.92	11.00		0.01			Pass
VHT80	MCS0	2	122	Full	5610	0.55	0.55			0.60	11.00		0.01			Pass
VHT80	MCS0	2	138	Full	5690	0.55	0.55			0.59	11.00		0.01			Pass
HE20	MCS0	2	100	Full	5500	0.10	0.03			8.46	11.00		0.01			Pass
				26/0		0.10	0.03			10.39	11.00		0.01			Pass
				52/37		0.10	0.03			10.39	11.00		0.01			Pass
				106/53		0.10	0.03			9.11	11.00		0.01			Pass
HE20	MCS0	2	116	Full	5580	0.10	0.03			8.26	11.00		0.01			Pass
HE20	MCS0	2	140	Full	5700	0.10	0.03			7.98	11.00		0.01			Pass
				26/8		0.10	0.03			10.26	11.00		0.01			Pass
				52/40		0.10	0.03			10.34	11.00		0.01			Pass
				106/54		0.10	0.03			10.14	11.00		0.01			Pass
HE20	MCS0	2	144	Full	5720	0.10	0.03			8.07	11.00		0.01			Pass
				26/8		0.10	0.03			10.44	11.00		0.01			Pass
				52/40		0.10	0.03			10.44	11.00		0.01			Pass
				106/54		0.10	0.03			9.95	11.00		0.01			Pass
HE40	MCS0	2	102	Full	5510	0.12	0.10			4.10	11.00		0.01			Pass
				242/61		0.12	0.10			7.94	11.00		0.01			Pass
HE40	MCS0	2	110	Full	5550	0.12	0.10			3.72	11.00		0.01			Pass
HE40	MCS0	2	134	Full	5670	0.12	0.10			3.15	11.00		0.01			Pass
				242/62		0.12	0.10			6.87	11.00		0.01			Pass
HE40	MCS0	2	142	Full	5710	0.12	0.10			3.41	11.00		0.01			Pass
				242/62		0.12	0.10			7.26	11.00		0.01			Pass
HE80	MCS0	2	106	Full	5530	0.20	0.18			-1.50	11.00		0.01			Pass
				484/65		0.20	0.18			4.18	11.00		0.01			Pass
HE80	MCS0	2	122	Full	5610	0.20	0.18			-1.65	11.00		0.01			Pass
				484/66		0.20	0.18			3.95	11.00		0.01			Pass
HE80	MCS0	2	138	Full	5690	0.20	0.18			-1.88	11.00		0.01			Pass
				484/66		0.20	0.18			4.55	11.00		0.01			Pass

Appendix B. AC Conducted Emission Test Results

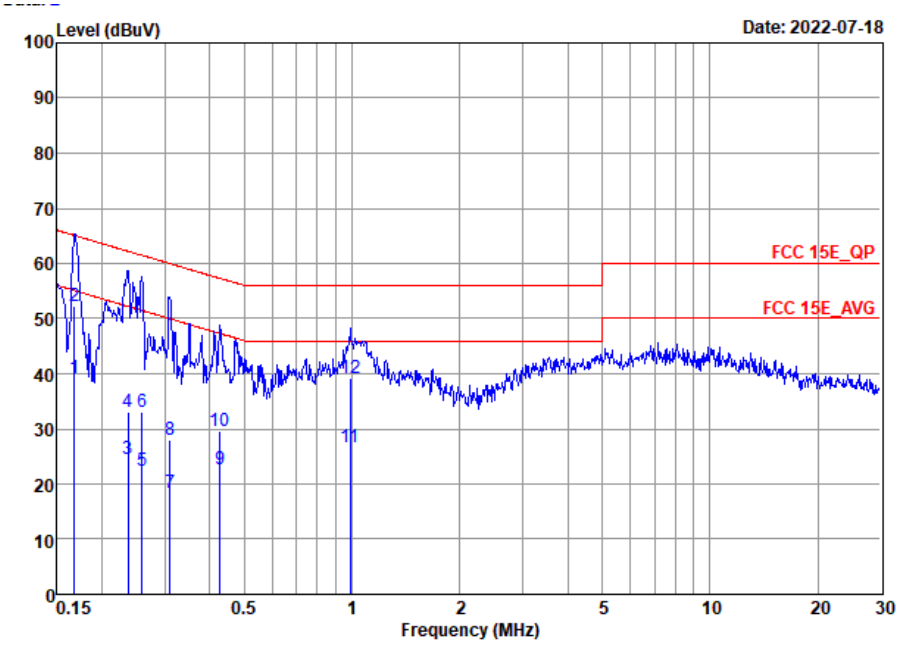
Test Engineer :	Lily Qiu	**Temperature :**	22~25℃
		Relative Humidity :	50~55%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-SZ
Condition: FCC 15E_QP LISN_20210901_L LINE

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.17	25.33	-29.57	54.90	4.60	10.20	10.53	Average
2		0.17	39.23	-25.67	64.90	18.50	10.20	10.53	QP
3		0.24	17.08	-35.00	52.08	-3.60	10.18	10.50	Average
4		0.24	27.48	-34.60	62.08	6.80	10.18	10.50	QP
5		0.31	19.01	-31.01	50.02	-2.10	10.14	10.97	Average
6		0.31	35.11	-24.91	60.02	14.00	10.14	10.97	QP
7		0.34	26.22	-23.09	49.31	5.00	10.10	11.12	Average
8	*	0.34	38.42	-20.89	59.31	17.20	10.10	11.12	QP
9		0.40	21.35	-26.46	47.81	-0.20	10.10	11.45	Average
10		0.40	34.95	-22.86	57.81	13.40	10.10	11.45	QP
11		0.47	19.37	-27.12	46.49	-2.49	10.11	11.75	Average
12		0.47	33.37	-23.12	56.49	11.51	10.11	11.75	QP

Test Engineer :	Lily Qiu	**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_20210901_N NEUTRAL

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.17	39.07	-16.01	55.08	18.20	10.30	10.57	Average
2	*	0.17	52.37	-12.71	65.08	31.50	10.30	10.57	QP
3		0.24	24.63	-27.59	52.22	3.90	10.26	10.47	Average
4		0.24	33.13	-29.09	62.22	12.40	10.26	10.47	QP
5		0.26	22.48	-28.99	51.47	1.61	10.24	10.63	Average
6		0.26	32.98	-28.49	61.47	12.11	10.24	10.63	QP
7		0.31	18.27	-31.70	49.97	-2.90	10.20	10.97	Average
8		0.31	28.07	-31.90	59.97	6.90	10.20	10.97	QP
9		0.43	22.66	-24.63	47.29	0.90	10.19	11.57	Average
10		0.43	29.56	-27.73	57.29	7.80	10.19	11.57	QP
11		0.99	26.69	-19.31	46.00	6.20	10.22	10.27	Average
12		0.99	39.19	-16.81	56.00	18.70	10.22	10.27	QP

Note:

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

Appendix C. Radiated Spurious Emission

Test Engineer :	ZhangXu	**Temperature :**	24~25°C
		Relative Humidity :	48~49%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.46	60.98	-13.02	74	53.09	31.98	8.51	32.6	100	57	P	H
		5148.2	49.9	-4.1	54	42.01	31.98	8.51	32.6	100	57	A	H
	*	5180	105.81	------	------	97.84	32.02	8.58	32.63	100	57	P	H
		5180	99.29	------	------	91.32	32.02	8.58	32.63	100	57	A	H
		5147.16	67.11	-6.89	74	59.22	31.98	8.51	32.6	366	259	P	V
		5147.68	51.82	-2.18	54	43.93	31.98	8.51	32.6	366	259	A	V
	*	5180	109.47	------	------	101.5	32.02	8.58	32.63	366	259	P	V
		5180	102.29	------	------	94.32	32.02	8.58	32.63	366	259	A	V
802.11a CH 44 5220MHz		5087.62	48.76	-25.24	74	40.96	31.9	8.43	32.53	100	59	P	H
		5143.52	39.06	-14.94	54	31.13	31.98	8.51	32.56	100	59	A	H
	*	5220	109.12	------	------	101.08	32.06	8.65	32.67	100	59	P	H
		5220	101.97	------	------	93.93	32.06	8.65	32.67	100	59	A	H
		5442.24	48.3	-25.7	74	39.01	32.32	9.68	32.71	100	59	P	H
		5394.24	38.63	-15.37	54	29.33	32.26	9.66	32.62	100	59	A	H
		5105.3	48.6	-25.4	74	40.78	31.92	8.43	32.53	327	279	P	V
		5145.34	39.65	-14.35	54	31.76	31.98	8.51	32.6	327	279	A	V
	*	5220	110.62	------	------	102.58	32.06	8.65	32.67	327	279	P	V
		5220	103.27	------	------	95.23	32.06	8.65	32.67	327	279	A	V
		5391.36	47.41	-26.59	74	38.11	32.26	9.66	32.62	327	279	P	V
		5403.12	38.71	-15.29	54	29.39	32.28	9.66	32.62	327	279	A	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		5058.24	47.49	-26.51	74	39.79	31.88	8.36	32.54	100	55	P	H
		5139.1	38.95	-15.05	54	31.04	31.96	8.51	32.56	100	55	A	H
	*	5240	109.81	------	------	101.54	32.08	8.85	32.66	100	55	P	H
		5240	102.63	------	------	94.36	32.08	8.85	32.66	100	55	A	H
		5404.8	47.88	-26.12	74	38.56	32.28	9.66	32.62	100	55	P	H
		5394.24	38.6	-15.4	54	29.3	32.26	9.66	32.62	100	55	A	H
		5058.76	48.42	-25.58	74	40.72	31.88	8.36	32.54	342	259	P	V
		5138.06	40.31	-13.69	54	32.4	31.96	8.51	32.56	342	259	A	V
	*	5240	112.02	------	------	103.75	32.08	8.85	32.66	342	259	P	V
		5240	104.61	------	------	96.34	32.08	8.85	32.66	342	259	A	V
		5385.12	48.66	-25.34	74	39.56	32.26	9.46	32.62	342	259	P	V
		5421.6	38.99	-15.01	54	29.65	32.3	9.66	32.62	342	259	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	46.23	-22.07	68.3	51.43	37.19	10.79	53.18	-	-	P	H
		15540	50.71	-23.29	74	51.39	40.03	13.68	54.39	-	-	P	H
		10360	47.37	-20.93	68.3	52.57	37.19	10.79	53.18	-	-	P	V
		15540	50.29	-23.71	74	50.97	40.03	13.68	54.39	-	-	P	V
802.11a CH 44 5220MHz		10440	47.77	-20.53	68.3	52.95	37.25	10.84	53.27	-	-	P	H
		15660	50.92	-23.08	74	51.57	40.13	13.77	54.55	-	-	P	H
		10440	46.88	-21.42	68.3	52.06	37.25	10.84	53.27	-	-	P	V
		15660	49.98	-24.02	74	50.63	40.13	13.77	54.55	-	-	P	V
802.11a CH 48 5240MHz		10480	47.1	-21.2	68.3	52.3	37.28	10.86	53.34	-	-	P	H
		15720	49.69	-24.31	74	50.34	40.18	13.81	54.64	-	-	P	H
		10480	48.73	-19.57	68.3	53.93	37.28	10.86	53.34	-	-	P	V
		15720	50.35	-23.65	74	51	40.18	13.81	54.64	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.76	59.13	-14.87	74	51.24	31.98	8.51	32.6	100	60	P	H
		5148.98	47.54	-6.46	54	39.65	31.98	8.51	32.6	100	60	A	H
802.11n	*	5180	103.59	------	------	95.62	32.02	8.58	32.63	100	60	P	H
HT20		5180	96.09	------	------	88.12	32.02	8.58	32.63	100	60	A	H
CH 36		5148.2	62.8	-11.2	74	54.91	31.98	8.51	32.6	340	258	P	V
5180MHz		5148.2	50.97	-3.03	54	43.08	31.98	8.51	32.6	340	258	A	V
	*	5180	108.49	------	------	100.52	32.02	8.58	32.63	340	258	P	V
		5180	101.18	------	------	93.21	32.02	8.58	32.63	340	258	A	V
		5145.34	50.13	-23.87	74	42.24	31.98	8.51	32.6	100	55	P	H
		5150	40.86	-13.14	54	32.97	31.98	8.51	32.6	100	55	A	H
	*	5220	107.08	------	------	99.04	32.06	8.65	32.67	100	55	P	H
		5220	100.45	------	------	92.41	32.06	8.65	32.67	100	55	A	H
802.11n		5398.32	48.71	-25.29	74	39.39	32.28	9.66	32.62	100	55	P	H
HT20		5400	38.6	-15.4	54	29.28	32.28	9.66	32.62	100	55	A	H
CH 44		5146.9	53.73	-20.27	74	45.84	31.98	8.51	32.6	338	277	P	V
5220MHz		5150	43.16	-10.84	54	35.27	31.98	8.51	32.6	338	277	A	V
	*	5220	110.14	------	------	102.1	32.06	8.65	32.67	338	277	P	V
		5220	103.66	------	------	95.62	32.06	8.65	32.67	338	277	A	V
		5411.52	47.5	-26.5	74	38.16	32.3	9.66	32.62	338	277	P	V
		5396.4	38.73	-15.27	54	29.41	32.28	9.66	32.62	338	277	A	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 48 5240MHz		5055.64	47.9	-26.1	74	40.2	31.88	8.36	32.54	100	61	P	H
		5136.76	38.74	-15.26	54	30.83	31.96	8.51	32.56	100	61	A	H
	*	5240	107.04	------	------	98.77	32.08	8.85	32.66	100	61	P	H
		5240	99.89	------	------	91.62	32.08	8.85	32.66	100	61	A	H
		5431.44	48.47	-25.53	74	39.18	32.32	9.68	32.71	100	61	P	H
		5397.84	38.41	-15.59	54	29.09	32.28	9.66	32.62	100	61	A	H
		5099.58	49.92	-24.08	74	42.1	31.92	8.43	32.53	346	258	P	V
		5143	40.02	-13.98	54	32.09	31.98	8.51	32.56	346	258	A	V
	*	5240	110.57	------	------	102.3	32.08	8.85	32.66	346	258	P	V
		5240	104.5	------	------	96.23	32.08	8.85	32.66	346	258	A	V
		5400.96	48.43	-25.57	74	39.11	32.28	9.66	32.62	346	258	P	V
		5350.08	39.1	-14.9	54	30.04	32.22	9.46	32.62	346	258	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10360	46.69	-21.61	68.3	51.89	37.19	10.79	53.18	-	-	P	H
HT20		15540	49.49	-24.51	74	50.17	40.03	13.68	54.39	-	-	P	H
CH 36		10360	48.8	-19.5	68.3	54	37.19	10.79	53.18	-	-	P	V
5180MHz		15540	50.7	-23.3	74	51.38	40.03	13.68	54.39	-	-	P	V
802.11n		10440	47.08	-21.22	68.3	52.26	37.25	10.84	53.27	-	-	P	H
HT20		15660	49.64	-24.36	74	50.29	40.13	13.77	54.55	-	-	P	H
CH 44		10440	48.06	-20.24	68.3	53.24	37.25	10.84	53.27	-	-	P	V
5220MHz		15660	50.41	-23.59	74	51.06	40.13	13.77	54.55	-	-	P	V
802.11n		10480	46.37	-21.93	68.3	51.57	37.28	10.86	53.34	-	-	P	H
HT20		15720	49.31	-24.69	74	49.96	40.18	13.81	54.64	-	-	P	H
CH 48		10480	45.63	-22.67	68.3	50.83	37.28	10.86	53.34	-	-	P	V
5240MHz		15720	49.58	-24.42	74	50.23	40.18	13.81	54.64	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.46	60.68	-13.32	74	52.79	31.98	8.51	32.6	100	56	P	H
		5148.46	46.96	-7.04	54	39.07	31.98	8.51	32.6	100	56	A	H
	*	5190	100.64	------	------	92.67	32.02	8.58	32.63	100	56	P	H
		5190	94.18	------	------	86.21	32.02	8.58	32.63	100	56	A	H
802.11n		5358.08	48.73	-25.27	74	39.67	32.22	9.46	32.62	100	56	P	H
HT40		5400.36	39.26	-14.74	54	29.94	32.28	9.66	32.62	100	56	A	H
CH 38		5147.42	64.27	-9.73	74	56.38	31.98	8.51	32.6	355	264	P	V
5190MHz		5148.72	51.45	-2.55	54	43.56	31.98	8.51	32.6	355	264	A	V
	*	5190	104.96	------	------	96.99	32.02	8.58	32.63	355	264	P	V
		5190	97.65	------	------	89.68	32.02	8.58	32.63	355	264	A	V
		5351.36	48.58	-25.42	74	39.52	32.22	9.46	32.62	355	264	P	V
		5393.64	39.73	-14.27	54	30.43	32.26	9.66	32.62	355	264	A	V
		5146.38	55.89	-18.11	74	48	31.98	8.51	32.6	100	56	P	H
		5145.6	47.11	-6.89	54	39.22	31.98	8.51	32.6	100	56	A	H
	*	5230	104.31	------	------	96.24	32.08	8.65	32.66	100	56	P	H
		5230	97.38	------	------	89.31	32.08	8.65	32.66	100	56	A	H
802.11n		5428.32	48.14	-25.86	74	38.87	32.3	9.68	32.71	100	56	P	H
HT40		5352.48	39.81	-14.19	54	30.75	32.22	9.46	32.62	100	56	A	H
CH 46		5149.5	59.24	-14.76	74	51.35	31.98	8.51	32.6	345	259	P	V
5230MHz		5150	50.89	-3.11	54	43	31.98	8.51	32.6	345	259	A	V
	*	5230	108.09	------	------	100.02	32.08	8.65	32.66	345	259	P	V
		5230	101.18	------	------	93.11	32.08	8.65	32.66	345	259	A	V
		5359.92	51.54	-22.46	74	42.48	32.22	9.46	32.62	345	259	P	V
		5352.24	41.27	-12.73	54	32.21	32.22	9.46	32.62	345	259	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10380	46.2	-22.1	68.3	51.4	37.2	10.81	53.21	-	-	P	H
HT40		15570	50.24	-23.76	74	50.92	40.06	13.7	54.44	-	-	P	H
CH 38		10380	45.7	-22.6	68.3	50.9	37.2	10.81	53.21	-	-	P	V
5190MHz		15570	50.5	-23.5	74	51.18	40.06	13.7	54.44	-	-	P	V
802.11n		10460	46.9	-21.4	68.3	52.07	37.27	10.85	53.29	-	-	P	H
HT40		15690	51.2	-22.8	74	51.86	40.15	13.79	54.6	-	-	P	H
CH 46		10460	46.54	-21.76	68.3	51.71	37.27	10.85	53.29	-	-	P	V
5230MHz		15690	50.2	-23.8	74	50.86	40.15	13.79	54.6	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5145.34	56.95	-17.05	74	49.06	31.98	8.51	32.6	100	56	P	H
		5145.6	48.86	-5.14	54	40.97	31.98	8.51	32.6	100	56	A	H
	*	5210	98.07	------	------	90.03	32.06	8.65	32.67	100	56	P	H
		5210	89.09	------	------	81.05	32.06	8.65	32.67	100	56	A	H
		5433.12	47.41	-26.59	74	38.12	32.32	9.68	32.71	100	56	P	H
		5368.8	40.51	-13.49	54	31.43	32.24	9.46	32.62	100	56	A	H
		5145.34	60.22	-13.78	74	52.33	31.98	8.51	32.6	374	261	P	V
		5145.08	51.33	-2.67	54	43.44	31.98	8.51	32.6	374	261	A	V
	*	5210	101.37	------	------	93.33	32.06	8.65	32.67	374	261	P	V
		5210	92.14	------	------	84.1	32.06	8.65	32.67	374	261	A	V
		5355.6	48.97	-25.03	74	39.91	32.22	9.46	32.62	374	261	P	V
		5350.8	41.32	-12.68	54	32.26	32.22	9.46	32.62	374	261	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10420	45.9	-22.4	68.3	51.08	37.24	10.83	53.25	-	-	P	H
VHT80		15630	49.54	-24.46	74	50.23	40.1	13.74	54.53	-	-	P	H
CH 42		10420	47.12	-21.18	68.3	52.3	37.24	10.83	53.25	-	-	P	V
5210MHz		15630	50.1	-23.9	74	50.79	40.1	13.74	54.53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 - 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.76	60.99	-13.01	74	53.1	31.98	8.51	32.6	100	55	P	H
		5149.76	48.56	-5.44	54	40.67	31.98	8.51	32.6	100	55	A	H
802.11ax	*	5180	102.39	------	------	94.42	32.02	8.58	32.63	100	55	P	H
HE20 Full		5180	96.29	------	------	88.32	32.02	8.58	32.63	100	55	A	H
CH 36		5145.34	62.25	-11.75	74	54.36	31.98	8.51	32.6	363	261	P	V
5180MHz		5150	51.14	-2.86	54	43.25	31.98	8.51	32.6	363	261	A	V
	*	5180	107.22	------	------	99.25	32.02	8.58	32.63	363	261	P	V
		5180	99.22	------	------	91.25	32.02	8.58	32.63	363	261	A	V
		5147.42	49.29	-24.71	74	41.4	31.98	8.51	32.6	100	55	P	H
		5148.2	40.18	-13.82	54	32.29	31.98	8.51	32.6	100	55	A	H
	*	5220	108.29	------	------	100.25	32.06	8.65	32.67	100	55	P	H
		5220	99.9	------	------	91.86	32.06	8.65	32.67	100	55	A	H
802.11ax		5459.04	47.38	-26.62	74	38.16	32.34	9.68	32.8	100	55	P	H
HE20 Full		5402.88	38.19	-15.81	54	28.87	32.28	9.66	32.62	100	55	A	H
CH 44		5147.16	51.37	-22.63	74	43.48	31.98	8.51	32.6	357	261	P	V
5220MHz		5149.24	42.59	-11.41	54	34.7	31.98	8.51	32.6	357	261	A	V
	*	5220	111.02	------	------	102.98	32.06	8.65	32.67	357	261	P	V
		5220	102.9	------	------	94.86	32.06	8.65	32.67	357	261	A	V
		5412	48	-26	74	38.66	32.3	9.66	32.62	357	261	P	V
		5395.92	38.77	-15.23	54	29.45	32.28	9.66	32.62	357	261	A	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 48 5240MHz		5141.7	48.04	-25.96	74	40.11	31.98	8.51	32.56	100	54	P	H
		5149.5	39.03	-14.97	54	31.14	31.98	8.51	32.6	100	54	A	H
	*	5240	107.34	------	------	99.07	32.08	8.85	32.66	100	54	P	H
		5240	99.83	------	------	91.56	32.08	8.85	32.66	100	54	A	H
		5383.68	47.82	-26.18	74	38.72	32.26	9.46	32.62	100	54	P	H
		5351.52	38.37	-15.63	54	29.31	32.22	9.46	32.62	100	54	A	H
		5103.48	49.13	-24.87	74	41.31	31.92	8.43	32.53	347	262	P	V
		5140.92	40.52	-13.48	54	32.59	31.98	8.51	32.56	347	262	A	V
	*	5240	111	------	------	102.73	32.08	8.85	32.66	347	262	P	V
		5240	103.9	------	------	95.63	32.08	8.85	32.66	347	262	A	V
		5377.68	48.54	-25.46	74	39.44	32.26	9.46	32.62	347	262	P	V
		5351.28	39.23	-14.77	54	30.17	32.22	9.46	32.62	347	262	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10360	46.45	-21.85	68.3	51.65	37.19	10.79	53.18	-	-	P	H
HE20 Full		15540	49.01	-24.99	74	49.69	40.03	13.68	54.39	-	-	P	H
CH 36		10360	46.19	-22.11	68.3	51.39	37.19	10.79	53.18	-	-	P	V
5180MHz		15540	50.45	-23.55	74	51.13	40.03	13.68	54.39	-	-	P	V
802.11ax		10440	47.49	-20.81	68.3	52.67	37.25	10.84	53.27	-	-	P	H
HE20 Full		15660	51.14	-22.86	74	51.79	40.13	13.77	54.55	-	-	P	H
CH 44		10440	47.9	-20.4	68.3	53.08	37.25	10.84	53.27	-	-	P	V
5220MHz		15660	50.6	-23.4	74	51.25	40.13	13.77	54.55	-	-	P	V
802.11ax		10480	45.83	-22.47	68.3	51.03	37.28	10.86	53.34	-	-	P	H
HE20 Full		15720	50.61	-23.39	74	51.26	40.18	13.81	54.64	-	-	P	H
CH 48		10480	46.22	-22.08	68.3	51.42	37.28	10.86	53.34	-	-	P	V
5240MHz		15720	49.56	-24.44	74	50.21	40.18	13.81	54.64	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 - 5150~5250MHz

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5147.68	66.16	-7.84	74	57.34	34.19	7.48	32.85	196	159	P	H
802.11ax		5149.5	51.27	-2.73	54	42.44	34.2	7.48	32.85	196	159	A	H
HE20	*	5180	105.9	------	------	97	34.26	7.53	32.89	196	159	P	H
Partial		5180	99.02	------	------	90.12	34.26	7.53	32.89	196	159	A	H
106/53		5149.76	63.01	-10.99	74	54.18	34.2	7.48	32.85	144	341	P	V
CH 36		5148.2	51.4	-2.6	54	42.58	34.19	7.48	32.85	144	341	A	V
5180MHz	*	5180	104.82	------	------	95.92	34.26	7.53	32.89	144	341	P	V
		5180	98.26	------	------	89.36	34.26	7.53	32.89	144	341	A	V
		5125.84	49.06	-24.94	74	40.32	34.1	7.45	32.81	159	147	P	H
		5142.74	39.55	-14.45	54	30.76	34.17	7.47	32.85	159	147	A	H
	*	5240	105.77	------	------	96.77	34.38	7.6	32.98	159	147	P	H
802.11ax		5240	98.88	------	------	89.88	34.38	7.6	32.98	159	147	A	H
HE20		5417.52	47.16	-26.84	74	38.18	34.5	7.75	33.27	159	147	P	H
Partial		5429.04	37.45	-16.55	54	28.49	34.5	7.78	33.32	159	147	A	H
106/54		5089.7	49.5	-24.5	74	40.9	33.98	7.39	32.77	370	253	P	V
CH 48		5129.22	39.52	-14.48	54	30.76	34.12	7.45	32.81	370	253	A	V
5240MHz	*	5240	107.79	------	------	98.79	34.38	7.6	32.98	370	253	P	V
		5240	110.69	------	------	101.69	34.38	7.6	32.98	370	253	A	V
		5427.36	46.87	-27.13	74	37.91	34.5	7.78	33.32	370	253	P	V
		5435.52	37.39	-16.61	54	28.41	34.5	7.8	33.32	370	253	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.76	56.7	-17.3	74	48.81	31.98	8.51	32.6	100	56	P	H
		5150	45.74	-8.26	54	37.85	31.98	8.51	32.6	100	56	A	H
	*	5190	101.35	------	------	93.38	32.02	8.58	32.63	100	56	P	H
		5190	93.09	------	------	85.12	32.02	8.58	32.63	100	56	A	H
802.11ax		5356.12	47.61	-26.39	74	38.55	32.22	9.46	32.62	100	56	P	H
HE40 Full		5398.96	39.15	-14.85	54	29.83	32.28	9.66	32.62	100	56	A	H
CH 38		5149.76	61.31	-12.69	74	53.42	31.98	8.51	32.6	356	259	P	V
5190MHz		5150	50.03	-3.97	54	42.14	31.98	8.51	32.6	356	259	A	V
	*	5190	104.29	------	------	96.32	32.02	8.58	32.63	356	259	P	V
		5190	96.92	------	------	88.95	32.02	8.58	32.63	356	259	A	V
		5396.72	47.36	-26.64	74	38.04	32.28	9.66	32.62	356	259	P	V
		5363.12	39.07	-14.93	54	29.99	32.24	9.46	32.62	356	259	A	V
		5145.08	56.16	-17.84	74	48.27	31.98	8.51	32.6	100	55	P	H
		5146.9	43.59	-10.41	54	35.7	31.98	8.51	32.6	100	55	A	H
	*	5230	104.7	------	------	96.63	32.08	8.65	32.66	100	55	P	H
		5230	96.19	------	------	88.12	32.08	8.65	32.66	100	55	A	H
802.11ax		5436	47.32	-26.68	74	38.03	32.32	9.68	32.71	100	55	P	H
HE40 Full		5358.24	39.45	-14.55	54	30.39	32.22	9.46	32.62	100	55	A	H
CH 46		5144.82	57.82	-16.18	74	49.93	31.98	8.51	32.6	373	263	P	V
5230MHz		5148.98	45.61	-8.39	54	37.72	31.98	8.51	32.6	373	263	A	V
	*	5230	107.32	------	------	99.25	32.08	8.65	32.66	373	263	P	V
		5230	99.4	------	------	91.33	32.08	8.65	32.66	373	263	A	V
		5422.32	48.24	-25.76	74	38.9	32.3	9.66	32.62	373	263	P	V
		5357.76	39.97	-14.03	54	30.91	32.22	9.46	32.62	373	263	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10360	45.82	-22.48	68.3	51.02	37.19	10.79	53.18	-	-	P	H
HE40 Full		15540	49.39	-24.61	74	50.07	40.03	13.68	54.39	-	-	P	H
CH 38		10360	45.87	-22.43	68.3	51.07	37.19	10.79	53.18	-	-	P	V
5190MHz		15540	49.6	-24.4	74	50.28	40.03	13.68	54.39	-	-	P	V
802.11ax		10460	46.3	-22	68.3	51.47	37.27	10.85	53.29	-	-	P	H
HE40 Full		15690	49.67	-24.33	74	50.33	40.15	13.79	54.6	-	-	P	H
CH 46		10460	45.74	-22.56	68.3	50.91	37.27	10.85	53.29	-	-	P	V
5230MHz		15690	50.24	-23.76	74	50.9	40.15	13.79	54.6	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 Partial 242 (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)
		5149.5	63.64	-10.36	74	54.81	34.2	7.48	32.85	153	143	P	H
		5148.2	48.82	-5.18	54	40	34.19	7.48	32.85	153	143	A	H
	*	5190	103.39	------	------	94.45	34.28	7.55	32.89	153	143	P	H
802.11ax		5190	95.52	------	------	86.58	34.28	7.55	32.89	153	143	A	H
HE40		5433.4	50.93	-23.07	74	41.96	34.5	7.79	33.32	153	143	P	H
Partial		5427.24	41.41	-12.59	54	32.45	34.5	7.78	33.32	153	143	A	H
242/61		5147.68	62.39	-11.61	74	53.57	34.19	7.48	32.85	194	316	P	V
CH 38		5149.76	49.37	-4.63	54	40.54	34.2	7.48	32.85	194	316	A	V
5190MHz	*	5190	102.01	------	------	93.07	34.28	7.55	32.89	194	316	P	V
		5190	95.49	------	------	86.55	34.28	7.55	32.89	194	316	A	V
		5395.04	49.34	-24.66	74	40.36	34.5	7.71	33.23	194	316	P	V
		5432.28	40.51	-13.49	54	31.54	34.5	7.79	33.32	194	316	A	V
		5148.2	55.52	-18.48	74	46.7	34.19	7.48	32.85	117	130	P	H
		5148.98	45.14	-8.86	54	36.31	34.2	7.48	32.85	117	130	A	H
	*	5240	106.42	------	------	97.42	34.38	7.6	32.98	117	130	P	H
802.11ax		5240	98.12	------	------	89.12	34.38	7.6	32.98	117	130	A	H
HE40		5400.24	48.67	-25.33	74	39.69	34.5	7.71	33.23	117	130	P	H
Partial		5456.64	40.9	-13.1	54	31.91	34.5	7.85	33.36	117	130	A	H
242/62		5136.24	54.99	-19.01	74	46.2	34.14	7.46	32.81	385	296	P	V
CH 46		5149.24	45.51	-8.49	54	36.68	34.2	7.48	32.85	385	296	A	V
5230MHz	*	5240	110.85	------	------	101.85	34.38	7.6	32.98	385	296	P	V
		5240	102.44	------	------	93.44	34.38	7.6	32.98	385	296	A	V
		5389.92	49.43	-24.57	74	40.46	34.5	7.7	33.23	385	296	P	V
		5350.8	41.53	-12.47	54	32.54	34.5	7.68	33.19	385	296	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 42 5210MHz		5135.72	53.03	-20.97	74	45.12	31.96	8.51	32.56	100	56	P	H
		5136.76	47.36	-6.64	54	39.45	31.96	8.51	32.56	100	56	A	H
	*	5210	98.43	------	------	90.39	32.06	8.65	32.67	100	56	P	H
		5210	89.38	------	------	81.34	32.06	8.65	32.67	100	56	A	H
		5451.84	47.45	-26.55	74	38.23	32.34	9.68	32.8	100	56	P	H
		5362.08	40.81	-13.19	54	31.73	32.24	9.46	32.62	100	56	A	H
		5144.82	56.98	-17.02	74	49.09	31.98	8.51	32.6	364	259	P	V
		5145.08	50.28	-3.72	54	42.39	31.98	8.51	32.6	364	259	A	V
	*	5210	100.86	------	------	92.82	32.06	8.65	32.67	364	259	P	V
		5210	93.7	------	------	85.66	32.06	8.65	32.67	364	259	A	V
		5373.6	47.41	-26.59	74	38.33	32.24	9.46	32.62	364	259	P	V
		5350.56	41.46	-12.54	54	32.4	32.22	9.46	32.62	364	259	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10420	47.06	-21.24	68.3	52.24	37.24	10.83	53.25	-	-	P	H
HE80 Full		15630	50.98	-23.02	74	51.67	40.1	13.74	54.53	-	-	P	H
CH 42		10420	46.33	-21.97	68.3	51.51	37.24	10.83	53.25	-	-	P	V
5210MHz		15630	50.87	-23.13	74	51.56	40.1	13.74	54.53	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Partial 484 (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 484/65 CH 42 5210MHz		5147.94	65.25	-8.75	74	56.43	34.19	7.48	32.85	151	137	P	H
		5145.34	50.48	-3.52	54	41.67	34.18	7.48	32.85	151	137	A	H
	*	5210	100.96	------	------	92.01	34.32	7.57	32.94	151	137	P	H
		5210	92.84	------	------	83.89	34.32	7.57	32.94	151	137	A	H
		5442.48	49.16	-24.84	74	40.16	34.5	7.82	33.32	151	137	P	H
		5440.32	42.02	-11.98	54	33.03	34.5	7.81	33.32	151	137	A	H
		5145.6	56.24	-17.76	74	47.43	34.18	7.48	32.85	377	297	P	V
		5147.16	51.06	-2.94	54	42.24	34.19	7.48	32.85	377	297	A	V
	*	5210	102.59	------	------	93.64	34.32	7.57	32.94	377	297	P	V
		5210	94.36	------	------	85.41	34.32	7.57	32.94	377	297	A	V
		5445.12	49.74	-24.26	74	40.74	34.5	7.82	33.32	377	297	P	V
		5429.28	42.24	-11.76	54	33.28	34.5	7.78	33.32	377	297	A	V
802.11ax HE80 Partial 484/66 CH 42 5210MHz		5147.94	64.2	-9.8	74	55.38	34.19	7.48	32.85	126	144	P	H
		5145.34	51.96	-2.04	54	43.15	34.18	7.48	32.85	126	144	A	H
	*	5210	101.32	------	------	92.37	34.32	7.57	32.94	126	144	P	H
		5210	93.14	------	------	84.19	34.32	7.57	32.94	126	144	A	H
		5373.84	50.19	-23.81	74	41.19	34.5	7.69	33.19	126	144	P	H
		5408.4	42.27	-11.73	54	33.31	34.5	7.73	33.27	126	144	A	H
		5147.42	60.91	-13.09	74	52.09	34.19	7.48	32.85	380	258	P	V
		5147.94	51.79	-2.21	54	42.97	34.19	7.48	32.85	380	258	A	V
	*	5210	101.49	------	------	92.54	34.32	7.57	32.94	380	258	P	V
		5210	93.31	------	------	84.36	34.32	7.57	32.94	380	258	A	V
		5445.84	49.29	-24.71	74	40.29	34.5	7.82	33.32	380	258	P	V
		5422.8	42.35	-11.65	54	33.35	34.5	7.77	33.27	380	258	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5136.24	47.39	-26.61	74	39.48	31.96	8.51	32.56	105	290	P	H
		5126.88	38.65	-15.35	54	30.74	31.96	8.51	32.56	105	290	A	H
	*	5260	109.35	------	------	101.03	32.12	8.85	32.65	105	290	P	H
		5260	102.58	------	------	94.26	32.12	8.85	32.65	105	290	A	H
		5371.68	48.05	-25.95	74	38.97	32.24	9.46	32.62	105	290	P	H
		5361.36	38.82	-15.18	54	29.74	32.24	9.46	32.62	105	290	A	H
		5145.86	48.76	-25.24	74	40.87	31.98	8.51	32.6	240	256	P	V
		5147.94	40.07	-13.93	54	32.18	31.98	8.51	32.6	240	256	A	V
	*	5260	112.14	------	------	103.82	32.12	8.85	32.65	240	256	P	V
		5260	104.57	------	------	96.25	32.12	8.85	32.65	240	256	A	V
		5355.36	49.06	-24.94	74	40	32.22	9.46	32.62	240	256	P	V
		5360.88	40.06	-13.94	54	30.98	32.24	9.46	32.62	240	256	A	V
802.11a CH 60 5300MHz		5087.5	48.48	-25.52	74	40.68	31.9	8.43	32.53	100	291	P	H
		5127.05	38.79	-15.21	54	30.88	31.96	8.51	32.56	100	291	A	H
	*	5300	109	------	------	100.42	32.16	9.05	32.63	100	291	P	H
		5300	101.84	------	------	93.26	32.16	9.05	32.63	100	291	A	H
		5351.76	51.04	-22.96	74	41.98	32.22	9.46	32.62	100	291	P	H
		5352.24	42.14	-11.86	54	33.08	32.22	9.46	32.62	100	291	A	H
		5139.65	48.18	-25.82	74	40.25	31.98	8.51	32.56	230	254	P	V
		5145.25	39.38	-14.62	54	31.49	31.98	8.51	32.6	230	254	A	V
	*	5300	111.67	------	------	103.09	32.16	9.05	32.63	230	254	P	V
		5300	104.88	------	------	96.3	32.16	9.05	32.63	230	254	A	V
		5353.2	55.05	-18.95	74	45.99	32.22	9.46	32.62	230	254	P	V
		5352	45.21	-8.79	54	36.15	32.22	9.46	32.62	230	254	A	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz	*	5320	106.6	------	------	97.79	32.18	9.26	32.63	100	290	P	H
		5320	99.04	------	------	90.23	32.18	9.26	32.63	100	290	A	H
		5354.4	55.23	-18.77	74	46.17	32.22	9.46	32.62	100	290	P	H
		5350.08	45.86	-8.14	54	36.8	32.22	9.46	32.62	100	290	A	H
	*	5320	110.26	------	------	101.45	32.18	9.26	32.63	234	255	P	V
		5320	102.91	------	------	94.1	32.18	9.26	32.63	234	255	A	V
		5350.08	63.6	-10.4	74	54.54	32.22	9.46	32.62	234	255	P	V
		5350.08	49.76	-4.24	54	40.7	32.22	9.46	32.62	234	255	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	46.11	-22.19	68.3	51.28	37.33	10.88	53.38	-	-	P	H
		15780	50.37	-23.63	74	51.01	40.22	13.85	54.71	-	-	P	H
		10520	46.24	-22.06	68.3	51.41	37.33	10.88	53.38	-	-	P	V
		15780	50.46	-23.54	74	51.1	40.22	13.85	54.71	-	-	P	V
802.11a CH 60 5300MHz		10600	45.72	-28.28	74	50.85	37.44	10.92	53.49	-	-	P	H
		15900	50.34	-23.66	74	50.95	40.32	13.94	54.87	-	-	P	H
		10600	46.17	-27.83	74	51.3	37.44	10.92	53.49	-	-	P	V
		15900	49.08	-24.92	74	49.69	40.32	13.94	54.87	-	-	P	V
802.11a CH 64 5320MHz		10640	47.25	-26.75	74	52.34	37.5	10.95	53.54	-	-	P	H
		15960	49.26	-24.74	74	49.87	40.37	13.98	54.96	-	-	P	H
		10640	47.3	-26.7	74	52.39	37.5	10.95	53.54	-	-	P	V
		15960	49.27	-24.73	74	49.88	40.37	13.98	54.96	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5138.95	48.51	-25.49	74	40.6	31.96	8.51	32.56	100	295	P	H
		5145.6	40.2	-13.8	54	32.31	31.98	8.51	32.6	100	295	A	H
	*	5270	103.98	------	------	95.66	32.12	8.85	32.65	100	295	P	H
		5270	96.58	------	------	88.26	32.12	8.85	32.65	100	295	A	H
802.11n		5350.8	54.78	-19.22	74	45.72	32.22	9.46	32.62	100	295	P	H
HT20		5351.28	47.38	-6.62	54	38.32	32.22	9.46	32.62	100	295	A	H
CH 52		5131.6	51.05	-22.95	74	43.14	31.96	8.51	32.56	233	256	P	V
5260MHz		5148.05	42.65	-11.35	54	34.76	31.98	8.51	32.6	233	256	A	V
	*	5270	107.38	------	------	99.06	32.12	8.85	32.65	233	256	P	V
		5270	99.58	------	------	91.26	32.12	8.85	32.65	233	256	A	V
		5353.44	60.94	-13.06	74	51.88	32.22	9.46	32.62	233	256	P	V
		5350.8	51.05	-2.95	54	41.99	32.22	9.46	32.62	233	256	A	V
		5069.3	46.44	-27.56	74	38.73	31.88	8.36	32.53	100	296	P	H
		5080.85	38.42	-15.58	54	30.62	31.9	8.43	32.53	100	296	A	H
	*	5300	105.7	------	------	97.12	32.16	9.05	32.63	100	296	P	H
		5300	98.81	------	------	90.23	32.16	9.05	32.63	100	296	A	H
802.11n		5350.56	55.05	-18.95	74	45.99	32.22	9.46	32.62	100	296	P	H
HT20		5350.08	46.86	-7.14	54	37.8	32.22	9.46	32.62	100	296	A	H
CH 60		5055.3	46.69	-27.31	74	38.99	31.88	8.36	32.54	232	255	P	V
5300MHz		5135.45	38.98	-15.02	54	31.07	31.96	8.51	32.56	232	255	A	V
	*	5300	109.33	------	------	100.75	32.16	9.05	32.63	232	255	P	V
		5300	101.84	------	------	93.26	32.16	9.05	32.63	232	255	A	V
		5352	59.66	-14.34	74	50.6	32.22	9.46	32.62	232	255	P	V
		5350.08	49.85	-4.15	54	40.79	32.22	9.46	32.62	232	255	A	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 64 5320MHz	*	5320	104.84	------	------	96.03	32.18	9.26	32.63	100	293	P	H
		5320	97.07	------	------	88.26	32.18	9.26	32.63	100	293	A	H
		5350.4	59.49	-14.51	74	50.43	32.22	9.46	32.62	100	293	P	H
		5350.08	47.47	-6.53	54	38.41	32.22	9.46	32.62	100	293	A	H
	*	5320	108.24	------	------	99.43	32.18	9.26	32.63	231	257	P	V
		5320	101.45	------	------	92.64	32.18	9.26	32.63	231	257	A	V
		5350.24	63.26	-10.74	74	54.2	32.22	9.46	32.62	231	257	P	V
		5350.08	51.32	-2.68	54	42.26	32.22	9.46	32.62	231	257	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	46.52	-21.78	68.3	51.69	37.33	10.88	53.38	-	-	P	H
		15780	50.45	-23.55	74	51.09	40.22	13.85	54.71	-	-	P	H
		10520	46.06	-22.24	68.3	51.23	37.33	10.88	53.38	-	-	P	V
		15780	49.94	-24.06	74	50.58	40.22	13.85	54.71	-	-	P	V
802.11n HT20 CH 60 5300MHz		10600	45.57	-28.43	74	50.7	37.44	10.92	53.49	-	-	P	H
		15900	48.86	-25.14	74	49.47	40.32	13.94	54.87	-	-	P	H
		10600	46.06	-27.94	74	51.19	37.44	10.92	53.49	-	-	P	V
		15900	48.57	-25.43	74	49.18	40.32	13.94	54.87	-	-	P	V
802.11n HT20 CH 64 5320MHz		10640	50.82	-23.18	74	55.91	37.5	10.95	53.54	161	327	P	H
		10640	42.04	-11.96	54	47.13	37.5	10.95	53.54	161	327	A	H
		15960	50.22	-23.78	74	50.83	40.37	13.98	54.96	-	-	P	H
		10640	47.83	-26.17	74	52.92	37.5	10.95	53.54	-	-	P	V
		15960	50.15	-23.85	74	50.76	40.37	13.98	54.96	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5138.95	48.51	-25.49	74	40.6	31.96	8.51	32.56	100	295	P	H
		5145.6	40.2	-13.8	54	32.31	31.98	8.51	32.6	100	295	A	H
	*	5270	103.98	------	------	95.66	32.12	8.85	32.65	100	295	P	H
		5270	96.58	------	------	88.26	32.12	8.85	32.65	100	295	A	H
		5350.8	54.78	-19.22	74	45.72	32.22	9.46	32.62	100	295	P	H
		5351.28	47.38	-6.62	54	38.32	32.22	9.46	32.62	100	295	A	H
		5131.6	51.05	-22.95	74	43.14	31.96	8.51	32.56	233	256	P	V
		5148.05	42.65	-11.35	54	34.76	31.98	8.51	32.6	233	256	A	V
	*	5270	107.38	------	------	99.06	32.12	8.85	32.65	233	256	P	V
		5270	99.58	------	------	91.26	32.12	8.85	32.65	233	256	A	V
		5353.44	60.94	-13.06	74	51.88	32.22	9.46	32.62	233	256	P	V
		5350.8	51.05	-2.95	54	41.99	32.22	9.46	32.62	233	256	A	V
802.11n HT40 CH 62 5310MHz		5014	47.35	-26.65	74	39.79	31.82	8.29	32.55	100	293	P	H
		5094.85	39.29	-14.71	54	31.47	31.92	8.43	32.53	100	293	A	H
	*	5310	99.72	------	------	90.91	32.18	9.26	32.63	100	293	P	H
		5310	92.07	------	------	83.26	32.18	9.26	32.63	100	293	A	H
		5350.08	60.52	-13.48	74	51.46	32.22	9.46	32.62	100	293	P	H
		5352.24	46.9	-7.1	54	37.84	32.22	9.46	32.62	100	293	A	H
		5095.9	48.43	-25.57	74	40.61	31.92	8.43	32.53	240	255	P	V
		5116.9	39.5	-14.5	54	31.58	31.94	8.51	32.53	240	255	A	V
	*	5310	103.66	------	------	94.85	32.18	9.26	32.63	240	255	P	V
		5310	96.07	------	------	87.26	32.18	9.26	32.63	240	255	A	V
		5350.08	65.49	-8.51	74	56.43	32.22	9.46	32.62	240	255	P	V
		5350.08	50.64	-3.36	54	41.58	32.22	9.46	32.62	240	255	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10540	46.07	-22.23	68.3	51.23	37.36	10.89	53.41	-	-	P	H
HT40		15810	48.95	-25.05	74	49.58	40.25	13.87	54.75	-	-	P	H
CH 54		10540	46.2	-22.1	68.3	51.36	37.36	10.89	53.41	-	-	P	V
5270MHz		15810	48.42	-25.58	74	49.05	40.25	13.87	54.75	-	-	P	V
802.11n		10620	45.93	-28.07	74	51.05	37.47	10.93	53.52	-	-	P	H
HT40		15930	48.26	-25.74	74	48.87	40.34	13.96	54.91	-	-	P	H
CH 62		10620	46.02	-27.98	74	51.14	37.47	10.93	53.52	-	-	P	V
5310MHz		15930	47.64	-26.36	74	48.25	40.34	13.96	54.91	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5141.75	47.59	-26.41	74	39.66	31.98	8.51	32.56	100	296	P	H
		5147	41.15	-12.85	54	33.26	31.98	8.51	32.6	100	296	A	H
	*	5290	95.93	------	------	87.38	32.14	9.05	32.64	100	296	P	H
		5290	88.78	------	------	80.23	32.14	9.05	32.64	100	296	A	H
		5353.68	53.72	-20.28	74	44.66	32.22	9.46	32.62	100	296	P	H
		5350.56	46.64	-7.36	54	37.58	32.22	9.46	32.62	100	296	A	H
		5144.55	47.48	-26.52	74	39.59	31.98	8.51	32.6	232	258	P	V
		5144.9	41.7	-12.3	54	33.81	31.98	8.51	32.6	232	258	A	V
	*	5290	101.7	------	------	93.15	32.14	9.05	32.64	232	258	P	V
		5290	94.78	------	------	86.23	32.14	9.05	32.64	232	258	A	V
		5359.2	57.35	-16.65	74	48.29	32.22	9.46	32.62	232	258	P	V
		5353.68	51.09	-2.91	54	42.03	32.22	9.46	32.62	232	258	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10580	48.42	-19.88	68.3	53.57	37.41	10.91	53.47	-	-	P	H
VHT80		15870	50.6	-23.4	74	51.22	40.3	13.92	54.84	-	-	P	H
CH 58		10580	48.92	-19.38	68.3	54.07	37.41	10.91	53.47	-	-	P	V
5290MHz		15870	50.37	-23.63	74	50.99	40.3	13.92	54.84	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5077.48	48	-26	74	40.2	31.9	8.43	32.53	100	295	P	H
		5072.28	38.43	-15.57	54	30.7	31.9	8.36	32.53	100	295	A	H
	*	5260	106.38	------	------	98.06	32.12	8.85	32.65	100	295	P	H
		5260	99.58	------	------	91.26	32.12	8.85	32.65	100	295	A	H
802.11ax		5408.88	48.16	-25.84	74	38.84	32.28	9.66	32.62	100	295	P	H
HE20 Full		5357.76	38.76	-15.24	54	29.7	32.22	9.46	32.62	100	295	A	H
CH 52		5141.96	48.67	-25.33	74	40.74	31.98	8.51	32.56	234	256	P	V
5260MHz		5145.34	39.3	-14.7	54	31.41	31.98	8.51	32.6	234	256	A	V
	*	5260	111.69	------	------	103.37	32.12	8.85	32.65	234	256	P	V
		5260	104.55	------	------	96.23	32.12	8.85	32.65	234	256	A	V
		5350.56	48.72	-25.28	74	39.66	32.22	9.46	32.62	234	256	P	V
		5352	39.67	-14.33	54	30.61	32.22	9.46	32.62	234	256	A	V
		5144.9	46.89	-27.11	74	39	31.98	8.51	32.6	100	296	P	H
		5092.4	38.55	-15.45	54	30.73	31.92	8.43	32.53	100	296	A	H
	*	5300	107.94	------	------	99.36	32.16	9.05	32.63	100	296	P	H
		5300	99.81	------	------	91.23	32.16	9.05	32.63	100	296	A	H
802.11ax		5350.32	55.93	-18.07	74	46.87	32.22	9.46	32.62	100	296	P	H
HE20 Full		5350.56	48.02	-5.98	54	38.96	32.22	9.46	32.62	100	296	A	H
CH 60		5140	47.15	-26.85	74	39.22	31.98	8.51	32.56	231	256	P	V
5300MHz		5010.15	39.98	-14.02	54	32.42	31.82	8.29	32.55	231	256	A	V
	*	5300	112.48	------	------	103.9	32.16	9.05	32.63	231	256	P	V
		5300	104.83	------	------	96.25	32.16	9.05	32.63	231	256	A	V
		5352.96	62.77	-11.23	74	53.71	32.22	9.46	32.62	231	256	P	V
		5350.08	51.83	-2.17	54	42.77	32.22	9.46	32.62	231	256	A	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 64 5320MHz	*	5320	106.34	------	------	97.53	32.18	9.26	32.63	100	295	P	H
		5320	99.04	------	------	90.23	32.18	9.26	32.63	100	295	A	H
		5350.56	58.87	-15.13	74	49.81	32.22	9.46	32.62	100	295	P	H
		5350.24	47.74	-6.26	54	38.68	32.22	9.46	32.62	100	295	A	H
	*	5320	108.74	------	------	99.93	32.18	9.26	32.63	230	255	P	V
		5320	101.11	------	------	92.3	32.18	9.26	32.63	230	255	A	V
		5350.88	62.32	-11.68	74	53.26	32.22	9.46	32.62	230	255	P	V
		5350.24	51.25	-2.75	54	42.19	32.22	9.46	32.62	230	255	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10520	50.18	-18.12	68.3	55.35	37.33	10.88	53.38	-	-	P	H
HE20 Full		15780	48.98	-25.02	74	49.62	40.22	13.85	54.71	-	-	P	H
CH 52		10520	50.98	-17.32	68.3	56.15	37.33	10.88	53.38	-	-	P	V
5260MHz		15780	50.07	-23.93	74	50.71	40.22	13.85	54.71	-	-	P	V
802.11ax		10600	47.32	-26.68	74	52.45	37.44	10.92	53.49	-	-	P	H
HE20 Full		15900	48.41	-25.59	74	49.02	40.32	13.94	54.87	-	-	P	H
CH 60		10600	48.62	-25.38	74	53.75	37.44	10.92	53.49	-	-	P	V
5300MHz		15900	48.59	-25.41	74	49.2	40.32	13.94	54.87	-	-	P	V
802.11ax		10640	48.84	-25.16	74	53.93	37.5	10.95	53.54	-	-	P	H
HE20 Full		15960	50.3	-23.7	74	50.91	40.37	13.98	54.96	-	-	P	H
CH 64		10640	47.15	-26.85	74	52.24	37.5	10.95	53.54	-	-	P	V
5320MHz		15960	49.4	-24.6	74	50.01	40.37	13.98	54.96	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11ax HE20 Partial 106 (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)
		5039.78	51.4	-22.6	74	42.88	33.9	7.3	32.68	136	147	P	H
		5058.5	41.41	-12.59	54	32.83	33.92	7.34	32.68	136	147	A	H
	*	5260	108.63	------	------	99.64	34.4	7.61	33.02	136	147	P	H
802.11ax		5260	100.44	------	------	91.45	34.4	7.61	33.02	136	147	A	H
HE20		5434.56	50.2	-23.8	74	41.22	34.5	7.8	33.32	136	147	P	H
Partial		5433.36	40.34	-13.66	54	31.37	34.5	7.79	33.32	136	147	A	H
106/53		5143.26	52.25	-21.75	74	43.46	34.17	7.47	32.85	381	297	P	V
CH 52		5130.52	41.9	-12.1	54	33.13	34.12	7.46	32.81	381	297	A	V
5260MHz	*	5260	112.82	------	------	103.83	34.4	7.61	33.02	381	297	P	V
		5260	104.54	------	------	95.55	34.4	7.61	33.02	381	297	A	V
		5364.48	50.09	-23.91	74	41.09	34.5	7.69	33.19	381	297	P	V
		5370.24	40.87	-13.13	54	31.87	34.5	7.69	33.19	381	297	A	V
	*	5320	106.41	------	------	97.42	34.44	7.66	33.11	100	143	P	H
		5320	99.12	------	------	90.13	34.44	7.66	33.11	100	143	A	H
		5357.76	64.63	-9.37	74	55.64	34.5	7.68	33.19	100	143	P	H
802.11ax		5350.56	51.11	-2.89	54	42.12	34.5	7.68	33.19	100	143	A	H
HE20													H
Partial													H
106/54	*	5320	109.11	------	------	100.12	34.44	7.66	33.11	394	256	P	V
CH 64		5320	102.23	------	------	93.24	34.44	7.66	33.11	394	256	A	V
5320MHz		5353.12	66.8	-7.2	74	57.81	34.5	7.68	33.19	394	256	P	V
		5352.16	51.26	-2.74	54	42.27	34.5	7.68	33.19	394	256	A	V
													V
													V

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 54 5270MHz		5141.05	50.3	-23.7	74	42.37	31.98	8.51	32.56	100	59	P	H
		5150	40.77	-13.23	54	32.88	31.98	8.51	32.6	100	59	A	H
	*	5270	105.06	------	------	96.74	32.12	8.85	32.65	100	59	P	H
		5270	96.95	------	------	88.63	32.12	8.85	32.65	100	59	A	H
		5350.8	56.63	-17.37	74	47.57	32.22	9.46	32.62	100	59	P	H
		5350.56	45.63	-8.37	54	36.57	32.22	9.46	32.62	100	59	A	H
		5145.25	52.22	-21.78	74	44.33	31.98	8.51	32.6	320	280	P	V
		5150	41.18	-12.82	54	33.29	31.98	8.51	32.6	320	280	A	V
	*	5270	108.22	------	------	99.9	32.12	8.85	32.65	320	280	P	V
		5270	100.89	------	------	92.57	32.12	8.85	32.65	320	280	A	V
		5350.56	59.84	-14.16	74	50.78	32.22	9.46	32.62	320	280	P	V
		5350.08	47.56	-6.44	54	38.5	32.22	9.46	32.62	320	280	A	V
802.11ax HE40 Full CH 62 5310MHz		5133	47.6	-26.4	74	39.69	31.96	8.51	32.56	100	55	P	H
		5065.45	39.2	-14.8	54	31.5	31.88	8.36	32.54	100	55	A	H
	*	5310	103.49	------	------	94.68	32.18	9.26	32.63	100	55	P	H
		5310	96.14	------	------	87.33	32.18	9.26	32.63	100	55	A	H
		5358	56.08	-17.92	74	47.02	32.22	9.46	32.62	100	55	P	H
		5350.8	48.68	-5.32	54	39.62	32.22	9.46	32.62	100	55	A	H
		5134.75	47.92	-26.08	74	40.01	31.96	8.51	32.56	322	279	P	V
		5146.3	39.86	-14.14	54	31.97	31.98	8.51	32.6	322	279	A	V
	*	5310	105.9	------	------	97.09	32.18	9.26	32.63	322	279	P	V
		5310	99.13	------	------	90.32	32.18	9.26	32.63	322	279	A	V
		5350.32	61.05	-12.95	74	51.99	32.22	9.46	32.62	322	279	P	V
		5351.28	50.05	-3.95	54	40.99	32.22	9.46	32.62	322	279	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10540	47.65	-20.65	68.3	52.81	37.36	10.89	53.41	-	-	P	H
HE40 Full		15810	48.79	-25.21	74	49.42	40.25	13.87	54.75	-	-	P	H
CH 54		10540	47.35	-20.95	68.3	52.51	37.36	10.89	53.41	-	-	P	V
5270MHz		15810	47.66	-26.34	74	48.29	40.25	13.87	54.75	-	-	P	V
802.11ax		10620	47.34	-26.66	74	52.46	37.47	10.93	53.52	-	-	P	H
HE40 Full		15930	49.42	-24.58	74	50.03	40.34	13.96	54.91	-	-	P	H
CH 62		10620	46.62	-27.38	74	51.74	37.47	10.93	53.52	-	-	P	V
5310MHz		15930	50.03	-23.97	74	50.64	40.34	13.96	54.91	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 Partial 242 (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)
		5004.9	50.9	-23.1	74	42.36	33.9	7.24	32.6	149	134	P	H
		5060.55	41.63	-12.37	54	33.05	33.92	7.34	32.68	149	134	A	H
	*	5270	105.07	------	------	96.07	34.4	7.62	33.02	149	134	P	H
802.11ax		5270	97.05	------	------	88.05	34.4	7.62	33.02	149	134	A	H
HE40		5398.08	50.14	-23.86	74	41.16	34.5	7.71	33.23	149	134	P	H
Partial		5438.64	40.91	-13.09	54	31.92	34.5	7.81	33.32	149	134	A	H
242/61		5148.75	50.87	-23.13	74	42.05	34.19	7.48	32.85	377	297	P	V
CH 54		5149.8	42.98	-11.02	54	34.15	34.2	7.48	32.85	377	297	A	V
5270MHz	*	5270	108.23	------	------	99.23	34.4	7.62	33.02	377	297	P	V
		5270	100.14	------	------	91.14	34.4	7.62	33.02	377	297	A	V
		5427.12	50.18	-23.82	74	41.22	34.5	7.78	33.32	377	297	P	V
		5354.64	41.25	-12.75	54	32.26	34.5	7.68	33.19	377	297	A	V
		5098	52.17	-21.83	74	43.53	34	7.41	32.77	135	138	P	H
		5049.35	41.8	-12.2	54	33.26	33.9	7.32	32.68	135	138	A	H
	*	5310	104.08	------	------	95.11	34.42	7.66	33.11	135	138	P	H
802.11ax		5310	95.94	------	------	86.97	34.42	7.66	33.11	135	138	A	H
HE40		5355.12	61.97	-12.03	74	52.98	34.5	7.68	33.19	135	138	P	H
Partial		5350.32	48.9	-5.1	54	39.91	34.5	7.68	33.19	135	138	A	H
242/62		5043.05	51.09	-22.91	74	42.56	33.9	7.31	32.68	388	296	P	V
CH 62		5094.85	41.95	-12.05	54	33.33	33.99	7.4	32.77	388	296	A	V
5310MHz	*	5310	105.41	------	------	96.44	34.42	7.66	33.11	388	296	P	V
		5310	97.13	------	------	88.16	34.42	7.66	33.11	388	296	A	V
		5352	65.01	-8.99	74	56.02	34.5	7.68	33.19	388	296	P	V
		5350.08	51.48	-2.52	54	42.49	34.5	7.68	33.19	388	296	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Full CH 58 5290MHz		5150.15	47.83	-20.47	68.3	39.94	31.98	8.51	32.6	100	55	P	H
		5129.85	41.15	-12.85	54	33.24	31.96	8.51	32.56	100	55	A	H
	*	5290	97.68	------	------	89.13	32.14	9.05	32.64	100	55	P	H
		5290	88.67	------	------	80.12	32.14	9.05	32.64	100	55	A	H
		5363.52	54.73	-19.27	74	45.65	32.24	9.46	32.62	100	55	P	H
		5363.04	48.19	-5.81	54	39.11	32.24	9.46	32.62	100	55	A	H
		5044.45	47.8	-26.2	74	40.12	31.86	8.36	32.54	325	278	P	V
		5147.35	41.79	-12.21	54	33.9	31.98	8.51	32.6	325	278	A	V
	*	5290	99.43	------	------	90.88	32.14	9.05	32.64	325	278	P	V
		5290	89.89	------	------	81.34	32.14	9.05	32.64	325	278	A	V
		5371.44	58.18	-15.82	74	49.1	32.24	9.46	32.62	325	278	P	V
		5367.36	50.2	-3.8	54	41.12	32.24	9.46	32.62	325	278	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10580	47.69	-20.61	68.3	52.84	37.41	10.91	53.47	-	-	P	H
HE80 Full		15870	50.01	-23.99	74	50.63	40.3	13.92	54.84	-	-	P	H
CH 58		10580	47.12	-21.18	68.3	52.27	37.41	10.91	53.47	-	-	P	V
5290MHz		15870	49.26	-24.74	74	49.88	40.3	13.92	54.84	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5146.3	51.12	-22.88	74	42.3	34.19	7.48	32.85	131	138	P	H
		5149.1	43.38	-10.62	54	34.55	34.2	7.48	32.85	131	138	A	H
	*	5290	99.59	------	------	90.61	34.4	7.64	33.06	131	138	P	H
802.11ax		5290	91.4	------	------	82.42	34.4	7.64	33.06	131	138	A	H
HE80		5352	57.43	-16.57	74	48.44	34.5	7.68	33.19	131	138	P	H
Partial		5350.56	47.69	-6.31	54	38.7	34.5	7.68	33.19	131	138	A	H
484/65		5116.2	50.97	-23.03	74	42.29	34.06	7.43	32.81	387	297	P	V
CH 58		5132.65	42.64	-11.36	54	33.86	34.13	7.46	32.81	387	297	A	V
5290MHz	*	5290	101.39	------	------	92.41	34.4	7.64	33.06	387	297	P	V
		5290	93.31	------	------	84.33	34.4	7.64	33.06	387	297	A	V
		5355.6	61.37	-12.63	74	52.38	34.5	7.68	33.19	387	297	P	V
		5352	49.13	-4.87	54	40.14	34.5	7.68	33.19	387	297	A	V
		5006.3	50.14	-23.86	74	41.6	33.9	7.24	32.6	145	139	P	H
		5142.1	42.91	-11.09	54	34.12	34.17	7.47	32.85	145	139	A	H
	*	5290	98.28	------	------	89.3	34.4	7.64	33.06	145	139	P	H
802.11ax		5290	91.19	------	------	82.21	34.4	7.64	33.06	145	139	A	H
HE80		5352.48	57.92	-16.08	74	48.93	34.5	7.68	33.19	145	139	P	H
Partial		5355.6	47.73	-6.27	54	38.74	34.5	7.68	33.19	145	139	A	H
484/66		5147	50.53	-23.47	74	41.71	34.19	7.48	32.85	385	297	P	V
CH 58		5063	42.9	-11.1	54	34.36	33.93	7.34	32.73	385	297	A	V
5290MHz	*	5290	97.95	------	------	88.97	34.4	7.64	33.06	385	297	P	V
		5290	89.67	------	------	80.69	34.4	7.64	33.06	385	297	A	V
		5361.36	60.51	-13.49	74	51.51	34.5	7.69	33.19	385	297	P	V
		5350.56	51.37	-2.63	54	42.38	34.5	7.68	33.19	385	297	A	V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5456.72	57.82	-16.18	74	48.6	32.34	9.68	32.8	228	241	P	H
		5469.84	65.18	-3.12	68.3	55.92	32.36	9.7	32.8	228	241	P	H
		5457.2	46.09	-7.91	54	36.87	32.34	9.68	32.8	228	241	A	H
	*	5500	108.35	------	------	99.14	32.4	9.7	32.89	228	241	P	H
		5500	101.57	------	------	92.36	32.4	9.7	32.89	228	241	A	H
		5456.56	59.25	-14.75	74	50.03	32.34	9.68	32.8	284	275	P	V
		5468.24	65.31	-2.99	68.3	56.05	32.36	9.7	32.8	284	275	P	V
		5460	47.1	-6.9	54	37.88	32.34	9.68	32.8	284	275	A	V
	*	5500	109.95	------	------	100.74	32.4	9.7	32.89	284	275	P	V
		5500	102.47	------	------	93.26	32.4	9.7	32.89	284	275	A	V
802.11a CH 116 5580MHz		5454.88	48.17	-25.83	74	38.95	32.34	9.68	32.8	234	241	P	H
		5469.76	48.32	-19.98	68.3	39.06	32.36	9.7	32.8	234	241	P	H
		5456.56	38.96	-15.04	54	29.74	32.34	9.68	32.8	234	241	A	H
	*	5580	107.98	------	------	98.53	32.44	9.74	32.73	234	241	P	H
		5580	100.71	------	------	91.26	32.44	9.74	32.73	234	241	A	H
		5759.96	49.07	-19.23	68.3	39.38	32.56	10.09	32.96	234	241	P	H
		5401.36	48.62	-25.38	74	39.3	32.28	9.66	32.62	234	272	P	V
		5465.92	47.55	-20.75	68.3	38.29	32.36	9.7	32.8	234	272	P	V
		5454.4	38.92	-15.08	54	29.7	32.34	9.68	32.8	234	272	A	V
	*	5580	110.48	------	------	101.03	32.44	9.74	32.73	234	272	P	V
		5580	103.68	------	------	94.23	32.44	9.74	32.73	234	272	A	V
		5744.525	49.37	-18.93	68.3	39.67	32.54	10.09	32.93	234	272	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz	*	5700	109.26	------	------	99.62	32.51	10.01	32.88	222	246	P	H
		5700	101.76	------	------	92.12	32.51	10.01	32.88	222	246	A	H
		5725	64.42	-3.88	68.3	54.78	32.53	10.01	32.9	222	246	P	H
	*	5700	109.33	------	------	99.69	32.51	10.01	32.88	248	272	P	V
		5700	102.1	------	------	92.46	32.51	10.01	32.88	248	272	A	V
		5728.92	65.47	-2.83	68.3	55.83	32.53	10.01	32.9	248	272	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	56.95	-17.05	74	54.93	39.4	12.51	49.89	100	30	P	H
		11000	47.36	-6.64	54	45.34	39.4	12.51	49.89	100	30	A	H
		16500	49.52	-18.78	68.3	45.23	40.5	15.15	51.36	-	-	P	H
		11000	61.35	-12.65	74	59.33	39.4	12.51	49.89	176	29	P	V
		11000	51.73	-2.27	54	49.71	39.4	12.51	49.89	176	29	A	V
		16500	50.16	-18.14	68.3	45.87	40.5	15.15	51.36	-	-	P	V
802.11a CH 116 5580MHz		11160	55.46	-18.54	74	53.28	39.43	12.65	49.9	100	89	P	H
		11160	46.07	-7.93	54	43.89	39.43	12.65	49.9	100	89	A	H
		16740	49.4	-18.9	68.3	44.48	40.93	15.36	51.37	-	-	P	H
		11160	58.88	-15.12	74	56.7	39.43	12.65	49.9	100	27	P	V
		11160	50.3	-3.7	54	48.12	39.43	12.65	49.9	100	27	A	V
		16740	49.18	-19.12	68.3	44.26	40.93	15.36	51.37	-	-	P	V
802.11a CH 140 5700MHz		11400	56.06	-17.94	74	53.68	39.48	12.82	49.92	185	37	P	H
		11400	47.25	-6.75	54	44.87	39.48	12.82	49.92	185	37	A	H
		17100	48.14	-20.16	68.3	41.86	42.08	15.62	51.42	-	-	P	H
		11400	56.42	-17.58	74	54.04	39.48	12.82	49.92	100	32	P	V
		11400	47.8	-6.2	54	45.42	39.48	12.82	49.92	100	32	A	V
		17100	50.06	-18.24	68.3	43.78	42.08	15.62	51.42	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.6	56.81	-17.19	74	47.59	32.34	9.68	32.8	100	229	P	H
		5469.68	64.33	-3.97	68.3	55.07	32.36	9.7	32.8	100	229	P	H
		5459.6	43.25	-10.75	54	34.03	32.34	9.68	32.8	100	229	A	H
802.11n	*	5500	105.71	------	------	96.5	32.4	9.7	32.89	100	229	P	H
HT20		5500	98.47	------	------	89.26	32.4	9.7	32.89	100	229	A	H
CH 100		5457.68	59.08	-14.92	74	49.86	32.34	9.68	32.8	349	261	P	V
5500MHz		5467.12	66.18	-2.12	68.3	56.92	32.36	9.7	32.8	349	261	P	V
		5459.92	44.62	-9.38	54	35.4	32.34	9.68	32.8	349	261	A	V
	*	5500	107.54	------	------	98.33	32.4	9.7	32.89	349	261	P	V
		5500	101.34	------	------	92.13	32.4	9.7	32.89	349	261	A	V
		5450.8	48.82	-25.18	74	39.6	32.34	9.68	32.8	100	231	P	H
		5461.36	48.75	-19.55	68.3	39.53	32.34	9.68	32.8	100	231	P	H
		5458.96	38.64	-15.36	54	29.42	32.34	9.68	32.8	100	231	A	H
	*	5580	105.87	------	------	96.42	32.44	9.74	32.73	100	231	P	H
802.11n		5580	98.71	------	------	89.26	32.44	9.74	32.73	100	231	A	H
HT20		5738.225	49.19	-19.11	68.3	39.57	32.54	10.01	32.93	100	231	P	H
CH 116		5416	48.28	-25.72	74	38.94	32.3	9.66	32.62	337	257	P	V
5580MHz		5467.36	48.4	-19.9	68.3	39.14	32.36	9.7	32.8	337	257	P	V
		5456.56	39.01	-14.99	54	29.79	32.34	9.68	32.8	337	257	A	V
	*	5580	108.96	------	------	99.51	32.44	9.74	32.73	337	257	P	V
		5580	102.56	------	------	93.11	32.44	9.74	32.73	337	257	A	V
		5762.48	49.97	-18.33	68.3	40.28	32.56	10.09	32.96	337	257	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 140 5700MHz	*	5700	106.01	------	------	96.37	32.51	10.01	32.88	100	229	P	H
		5700	98.87	------	------	89.23	32.51	10.01	32.88	100	229	A	H
		5727.48	62.08	-6.22	68.3	52.44	32.53	10.01	32.9	100	229	P	H
	*	5700	108.28	------	------	98.64	32.51	10.01	32.88	324	264	P	V
		5700	100.96	------	------	91.32	32.51	10.01	32.88	324	264	A	V
		5731.56	65.96	-2.34	68.3	56.35	32.53	10.01	32.93	324	264	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	53.26	-20.74	74	51.24	39.4	12.51	49.89	100	25	P	H
		11000	44.68	-9.32	54	42.66	39.4	12.51	49.89	100	25	A	H
		16500	50.47	-17.83	68.3	46.18	40.5	15.15	51.36	-	-	P	H
		11000	56.08	-17.92	74	54.06	39.4	12.51	49.89	183	28	P	V
		11000	48.22	-5.78	54	46.2	39.4	12.51	49.89	183	28	A	V
		16500	47.85	-20.45	68.3	43.56	40.5	15.15	51.36	-	-	P	V
802.11n HT20 CH 116 5580MHz		11160	54.64	-19.36	74	52.46	39.43	12.65	49.9	100	82	P	H
		11160	45.35	-8.65	54	43.17	39.43	12.65	49.9	100	82	A	H
		16740	48.14	-20.16	68.3	43.22	40.93	15.36	51.37	-	-	P	H
		11160	57.66	-16.34	74	55.48	39.43	12.65	49.9	100	28	P	V
		11160	49.06	-4.94	54	46.88	39.43	12.65	49.9	100	28	A	V
		16740	48.33	-19.97	68.3	43.41	40.93	15.36	51.37	-	-	P	V
802.11n HT20 CH 140 5700MHz		11400	54.31	-19.69	74	51.93	39.48	12.82	49.92	173	36	P	H
		11400	46.07	-7.93	54	43.69	39.48	12.82	49.92	173	36	A	H
		17100	50.23	-18.07	68.3	43.95	42.08	15.62	51.42	-	-	P	H
		11400	55.67	-18.33	74	53.29	39.48	12.82	49.92	100	33	P	V
		11400	46.2	-7.8	54	43.82	39.48	12.82	49.92	100	33	A	V
		17100	50.94	-17.36	68.3	44.66	42.08	15.62	51.42	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.96	62.16	-11.84	74	52.94	32.34	9.68	32.8	232	243	P	H
		5469.28	63.37	-4.93	68.3	54.11	32.36	9.7	32.8	232	243	P	H
		5459.44	46.89	-7.11	54	37.67	32.34	9.68	32.8	232	243	A	H
	*	5510	101.41	------	------	92.14	32.4	9.72	32.85	232	243	P	H
802.11n		5510	94.53	------	------	85.26	32.4	9.72	32.85	232	243	A	H
HT40		5726.255	48.69	-19.61	68.3	39.05	32.53	10.01	32.9	232	243	P	H
CH 102		5459.68	64.23	-9.77	74	55.01	32.34	9.68	32.8	333	264	P	V
5510MHz		5469.04	65.36	-2.94	68.3	56.1	32.36	9.7	32.8	333	264	P	V
		5458.72	49.19	-4.81	54	39.97	32.34	9.68	32.8	333	264	A	V
	*	5510	104.22	------	------	94.95	32.4	9.72	32.85	333	264	P	V
		5510	96.53	------	------	87.26	32.4	9.72	32.85	333	264	A	V
		5730.35	49.19	-19.11	68.3	39.58	32.53	10.01	32.93	333	264	P	V
		5434.24	50.2	-23.8	74	40.91	32.32	9.68	32.71	233	241	P	H
		5462.32	50.01	-18.29	68.3	40.79	32.34	9.68	32.8	233	241	P	H
		5458.96	42.26	-11.74	54	33.04	32.34	9.68	32.8	233	241	A	H
	*	5550	104.89	------	------	95.53	32.43	9.74	32.81	233	241	P	H
802.11n		5550	97.62	------	------	88.26	32.43	9.74	32.81	233	241	A	H
HT40		5725.625	48.71	-19.59	68.3	39.07	32.53	10.01	32.9	233	241	P	H
CH 110		5451.76	51.56	-22.44	74	42.34	32.34	9.68	32.8	341	261	P	V
5550MHz		5464.72	55.2	-13.1	68.3	45.96	32.36	9.68	32.8	341	261	P	V
		5458.48	43.87	-10.13	54	34.65	32.34	9.68	32.8	341	261	A	V
	*	5550	108.5	------	------	99.14	32.43	9.74	32.81	341	261	P	V
		5550	101.72	------	------	92.36	32.43	9.74	32.81	341	261	A	V
		5733.815	47.91	-20.39	68.3	38.3	32.53	10.01	32.93	341	261	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 134 5670MHz		5412.65	47.66	-26.34	74	38.32	32.3	9.66	32.62	232	242	P	H
		5461.3	46.97	-21.33	68.3	37.75	32.34	9.68	32.8	232	242	P	H
		5425.25	39.24	-14.76	54	29.99	32.3	9.66	32.71	232	242	A	H
	*	5670	106.07	------	------	96.49	32.5	9.92	32.84	232	242	P	H
		5670	98.81	------	------	89.23	32.5	9.92	32.84	232	242	A	H
		5732.1	63.95	-4.35	68.3	54.34	32.53	10.01	32.93	232	242	P	H
		5424.55	47.88	-26.12	74	38.63	32.3	9.66	32.71	351	267	P	V
		5467.95	47.53	-20.77	68.3	38.27	32.36	9.7	32.8	351	267	P	V
		5457.1	38.66	-15.34	54	29.44	32.34	9.68	32.8	351	267	A	V
	*	5670	108.54	------	------	98.96	32.5	9.92	32.84	351	267	P	V
		5670	100.81	------	------	91.23	32.5	9.92	32.84	351	267	A	V
		5726.675	64.59	-3.71	68.3	54.95	32.53	10.01	32.9	351	267	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	48.24	-25.76	74	46.19	39.4	12.54	49.89	-	-	P	H
		16530	47.96	-20.34	68.3	43.59	40.55	15.18	51.36	-	-	P	H
		11020	50.19	-23.81	74	48.14	39.4	12.54	49.89	-	-	P	V
		16530	47.87	-20.43	68.3	43.5	40.55	15.18	51.36	-	-	P	V
802.11n HT40 CH 110 5550MHz		11100	49.31	-24.69	74	47.19	39.42	12.6	49.9	-	-	P	H
		16650	49.6	-18.7	68.3	44.93	40.77	15.27	51.37	-	-	P	H
		11100	56.13	-17.87	74	54.01	39.42	12.6	49.9	100	23	P	V
		11100	47.26	-6.74	54	45.14	39.42	12.6	49.9	100	23	A	V
		16650	50.64	-17.66	68.3	45.97	40.77	15.27	51.37	-	-	P	V
802.11n HT40 CH 134 5670MHz		11340	50.55	-23.45	74	48.24	39.47	12.76	49.92	-	-	P	H
		17010	49.93	-18.37	68.3	44.29	41.47	15.56	51.39	-	-	P	H
		11340	54.87	-19.13	74	52.56	39.47	12.76	49.92	-	-	P	V
		11340	46.53	-7.47	54	44.22	39.47	12.76	49.92	-	-	A	V
		17010	50.05	-18.25	68.3	44.41	41.47	15.56	51.39	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5456.8	53.72	-20.28	74	44.5	32.34	9.68	32.8	252	208	P	H
		5469.04	56.85	-11.45	68.3	47.59	32.36	9.7	32.8	252	208	P	H
		5438.56	46.34	-7.66	54	37.05	32.32	9.68	32.71	252	208	A	H
	*	5530	94.92	------	------	85.6	32.41	9.72	32.81	252	208	P	H
802.11ac		5530	87.58	------	------	78.26	32.41	9.72	32.81	252	208	A	H
VHT80		5742.005	48.99	-19.31	68.3	39.29	32.54	10.09	32.93	252	208	P	H
CH 106		5458.24	60.06	-13.94	74	50.84	32.34	9.68	32.8	346	267	P	V
5530MHz		5466.16	63.11	-5.19	68.3	53.85	32.36	9.7	32.8	346	267	P	V
		5446.24	51.9	-2.01	54	42.59	32.34	9.68	32.71	346	267	A	V
	*	5530	103.14	------	------	93.82	32.41	9.72	32.81	346	267	P	V
		5530	95.55	------	------	86.23	32.41	9.72	32.81	346	267	A	V
		5729.09	48.68	-19.62	68.3	39.04	32.53	10.01	32.9	346	267	P	V
		5452.48	47.38	-26.62	74	38.1	32.4	9.68	32.8	244	337	P	H
		5468.56	46.69	-21.61	68.3	37.36	32.43	9.7	32.8	244	337	P	H
		5459.68	41.14	-12.86	54	31.85	32.41	9.68	32.8	244	337	A	H
	*	5610	99.73	------	------	90.24	32.5	9.76	32.77	244	337	P	H
802.11ac		5610	92.75	------	------	83.26	32.5	9.76	32.77	244	337	A	H
VHT80		5736.65	49.97	-18.33	68.3	40.39	32.5	10.01	32.93	244	337	P	H
CH 122		5455.6	48.82	-25.18	74	39.54	32.4	9.68	32.8	255	266	P	V
5610MHz		5461.6	48.7	-19.6	68.3	39.4	32.42	9.68	32.8	255	266	P	V
		5456.32	43.19	-10.81	54	33.91	32.4	9.68	32.8	255	266	A	V
	*	5610	104.97	------	------	95.48	32.5	9.76	32.77	255	266	P	V
		5610	97.72	------	------	88.23	32.5	9.76	32.77	255	266	A	V
		5729.125	50.57	-17.73	68.3	40.96	32.5	10.01	32.9	255	266	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11060	50.56	-23.44	74	48.47	39.41	12.57	49.89	-	-	P	H
VHT80		16590	48.59	-19.71	68.3	44.06	40.66	15.24	51.37	-	-	P	H
CH 106		11060	49.91	-24.09	74	47.82	39.41	12.57	49.89	-	-	P	V
5530MHz		16590	48.87	-19.43	68.3	44.34	40.66	15.24	51.37	-	-	P	V
802.11ac		11220	50.11	-23.89	74	32.68	39.44	12.68	34.69	-	-	P	H
VHT80		16830	50.9	-17.4	68.3	28.11	41.09	15.42	33.72	-	-	P	H
CH 122		11220	49.71	-24.29	74	32.28	39.44	12.68	34.69	-	-	P	V
5610MHz		16830	50.69	-17.61	68.3	27.9	41.09	15.42	33.72	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458	55.97	-18.03	74	46.75	32.34	9.68	32.8	232	239	P	H
		5469.52	61.07	-7.23	68.3	51.81	32.36	9.7	32.8	232	239	P	H
		5459.92	45.01	-8.99	54	35.79	32.34	9.68	32.8	232	239	A	H
802.11ax	*	5500	108.12	------	------	98.91	32.4	9.7	32.89	232	239	P	H
HE20 Full		5500	100.47	------	------	91.26	32.4	9.7	32.89	232	239	A	H
CH 100		5459.76	57.8	-16.2	74	48.58	32.34	9.68	32.8	342	263	P	V
5500MHz		5469.52	63.27	-5.03	68.3	54.01	32.36	9.7	32.8	342	263	P	V
		5460	46.9	-7.1	54	37.68	32.34	9.68	32.8	342	263	A	V
	*	5500	112.61	------	------	103.4	32.4	9.7	32.89	342	263	P	V
		5500	106.47	------	------	97.26	32.4	9.7	32.89	342	263	A	V
		5426.32	47.43	-26.57	74	38.18	32.3	9.66	32.71	232	243	P	H
		5465.92	45.6	-22.7	68.3	36.34	32.36	9.7	32.8	232	243	P	H
		5456.08	38.78	-15.22	54	29.56	32.34	9.68	32.8	232	243	A	H
	*	5580	107.68	------	------	98.23	32.44	9.74	32.73	232	243	P	H
802.11ax		5580	100.71	------	------	91.26	32.44	9.74	32.73	232	243	A	H
HE20 Full		5751.14	47.68	-20.62	68.3	37.98	32.54	10.09	32.93	232	243	P	H
CH 116		5458	48.05	-25.95	74	38.83	32.34	9.68	32.8	276	261	P	V
5580MHz		5464	47.46	-20.84	68.3	38.22	32.36	9.68	32.8	276	261	A	V
		5455.6	39.3	-14.7	54	30.08	32.34	9.68	32.8	276	261	P	V
	*	5580	111.42	------	------	101.97	32.44	9.74	32.73	276	261	A	V
		5580	102.71	------	------	93.26	32.44	9.74	32.73	276	261	P	V
		5732.555	49.78	-18.52	68.3	40.17	32.53	10.01	32.93	276	261	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 140 5700MHz	*	5700	107.51	------	------	97.87	32.51	10.01	32.88	228	243	P	H
		5700	99.87	------	------	90.23	32.51	10.01	32.88	228	243	A	H
		5725.32	59.84	-8.46	68.3	50.2	32.53	10.01	32.9	228	243	P	H
	*	5700	110.18	------	------	100.54	32.51	10.01	32.88	266	260	P	V
		5700	102.9	------	------	93.26	32.51	10.01	32.88	266	260	A	V
		5725.48	65.03	-3.27	68.3	55.39	32.53	10.01	32.9	266	260	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	54.57	-19.43	74	52.55	39.4	12.51	49.89	100	28	P	H
802.11ax		11000	45.24	-8.76	54	43.22	39.4	12.51	49.89	100	28	A	H
HE20 Full		16500	48.15	-20.15	68.3	43.86	40.5	15.15	51.36	-	-	P	H
CH 100		11000	57.44	-16.56	74	55.42	39.4	12.51	49.89	182	25	P	V
5500MHz		11000	48.52	-5.48	54	46.5	39.4	12.51	49.89	182	25	A	V
		16500	48.5	-19.8	68.3	44.21	40.5	15.15	51.36	-	-	P	V
		11160	54.18	-19.82	74	52	39.43	12.65	49.9	100	90	P	H
802.11ax		11160	45.14	-8.86	54	42.96	39.43	12.65	49.9	100	90	A	H
HE20 Full		16740	49.44	-18.86	68.3	44.52	40.93	15.36	51.37	-	-	P	H
CH 116		11160	56.6	-17.4	74	54.42	39.43	12.65	49.9	100	28	P	V
5580MHz		11160	47.63	-6.37	54	45.45	39.43	12.65	49.9	100	28	A	V
		16740	48.18	-20.12	68.3	43.26	40.93	15.36	51.37	-	-	P	V
		11400	54.67	-19.33	74	52.29	39.48	12.82	49.92	175	37	P	H
802.11ax		11400	45.68	-8.32	54	43.3	39.48	12.82	49.92	175	37	A	H
HE20 Full		17100	51.35	-16.95	68.3	45.07	42.08	15.62	51.42	-	-	P	H
CH 140		11400	55	-19	74	52.62	39.48	12.82	49.92	100	35	P	V
5700MHz		11400	46.24	-7.76	54	43.86	39.48	12.82	49.92	100	35	A	V
		17100	49.42	-18.88	68.3	43.14	42.08	15.62	51.42	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ax HE20 Partial 106 (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)
		5459.12	57.61	-16.39	74	48.61	34.5	7.86	33.36	360	327	P	H
		5468.08	65.22	-3.08	68.3	56.2	34.5	7.88	33.36	360	327	P	H
802.11ax		5460	45.31	-8.69	54	36.31	34.5	7.86	33.36	360	327	A	H
HE20	*	5500	105.45	------	------	96.39	34.5	7.96	33.4	360	327	P	H
Partial		5500	98.58	------	------	89.52	34.5	7.96	33.4	360	327	A	H
106/53		5458.64	55.17	-18.83	74	46.17	34.5	7.86	33.36	394	289	P	V
CH 100		5468.4	65.86	-2.44	68.3	56.84	34.5	7.88	33.36	394	289	P	V
5500MHz		5459.28	43.57	-10.43	54	34.57	34.5	7.86	33.36	394	289	A	V
	*	5500	109.35	------	------	100.29	34.5	7.96	33.4	394	289	P	V
		5500	102.18	------	------	93.12	34.5	7.96	33.4	394	289	A	V
802.11ax	*	5700	104.46	------	------	94.6	34.7	8.52	33.36	140	341	P	H
HE20		5700	98.51	------	------	88.65	34.7	8.52	33.36	140	341	A	H
Partial		5727.16	64.1	-4.2	68.3	54.28	34.7	8.47	33.35	140	341	P	H
106/54	*	5700	106.64	------	------	96.78	34.7	8.52	33.36	119	3	P	V
CH 140		5700	100.19	------	------	90.33	34.7	8.52	33.36	119	3	A	V
5700MHz		5725.96	64.3	-4	68.3	54.48	34.7	8.47	33.35	119	3	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.48	60.36	-13.64	74	51.14	32.34	9.68	32.8	242	246	P	H
		5467.36	60.48	-7.82	68.3	51.22	32.36	9.7	32.8	242	246	P	H
		5458.48	46.46	-7.54	54	37.24	32.34	9.68	32.8	242	246	A	H
	*	5510	103.26	------	------	93.99	32.4	9.72	32.85	242	246	P	H
802.11ax		5510	95.57	------	------	86.3	32.4	9.72	32.85	242	246	A	H
HE40 Full		5728.145	48.97	-19.33	68.3	39.33	32.53	10.01	32.9	242	246	P	H
CH 102		5458.24	64.52	-9.48	74	55.3	32.34	9.68	32.8	268	261	P	V
5510MHz		5470	65.8	-2.5	68.3	56.54	32.36	9.7	32.8	268	261	P	V
		5458.24	50.73	-3.27	54	41.51	32.34	9.68	32.8	268	261	A	V
	*	5510	105.77	------	------	96.5	32.4	9.72	32.85	268	261	P	V
		5510	98.61	------	------	89.34	32.4	9.72	32.85	268	261	A	V
		5732.87	49.02	-19.28	68.3	39.41	32.53	10.01	32.93	268	261	P	V
		5451.76	51.64	-22.36	74	42.42	32.34	9.68	32.8	244	248	P	H
		5461.6	53.04	-15.26	68.3	43.82	32.34	9.68	32.8	244	248	P	H
		5457.76	42.26	-11.74	54	33.04	32.34	9.68	32.8	244	248	A	H
	*	5550	105.72	------	------	96.36	32.43	9.74	32.81	244	248	P	H
802.11ax		5550	98.59	------	------	89.23	32.43	9.74	32.81	244	248	A	H
HE40 Full		5744.525	48.15	-20.15	68.3	38.45	32.54	10.09	32.93	244	248	P	H
CH 110		5458.24	51.64	-22.36	74	42.42	32.34	9.68	32.8	327	279	P	V
5550MHz		5461.36	51.38	-16.92	68.3	42.16	32.34	9.68	32.8	327	279	P	V
		5458.24	42.93	-11.07	54	33.71	32.34	9.68	32.8	327	279	A	V
	*	5550	107.27	------	------	97.91	32.43	9.74	32.81	327	279	P	V
		5550	99.6	------	------	90.24	32.43	9.74	32.81	327	279	A	V
		5760.275	49.59	-18.71	68.3	39.9	32.56	10.09	32.96	327	279	P	V

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 134 5670MHz		5362.6	48.51	-25.49	74	39.43	32.24	9.46	32.62	260	251	P	H
		5463.4	47.17	-21.13	68.3	37.93	32.36	9.68	32.8	260	251	P	H
		5404.95	39.45	-14.55	54	30.13	32.28	9.66	32.62	260	251	A	H
	*	5670	106.07	------	------	96.49	32.5	9.92	32.84	260	251	P	H
		5670	98.84	------	------	89.26	32.5	9.92	32.84	260	251	A	H
		5727.375	60.08	-8.22	68.3	50.44	32.53	10.01	32.9	260	251	P	H
		5420.35	49.04	-24.96	74	39.7	32.3	9.66	32.62	341	275	P	V
		5461.65	47.36	-20.94	68.3	38.14	32.34	9.68	32.8	341	275	P	V
		5459.55	39.93	-14.07	54	30.71	32.34	9.68	32.8	341	275	A	V
	*	5670	108.12	------	------	98.54	32.5	9.92	32.84	341	275	P	V
		5670	100.84	------	------	91.26	32.5	9.92	32.84	341	275	A	V
		5727.025	60.91	-7.39	68.3	51.27	32.53	10.01	32.9	341	275	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 102 5510MHz		11020	52.86	-21.14	74	57.68	38.01	11.16	53.99	175	37	P	H
		11020	42.99	-11.01	54	47.81	38.01	11.16	53.99	175	37	A	H
		16530	50.89	-17.41	68.3	48.78	41.3	14.29	53.48	-	-	P	H
		11020	51.59	-22.41	74	56.41	38.01	11.16	53.99	100	36	P	V
		11020	41.89	-12.11	54	46.71	38.01	11.16	53.99	100	36	A	V
		16530	49.98	-18.32	68.3	47.87	41.3	14.29	53.48	-	-	P	V
802.11ax HE40 Full CH 110 5550MHz		11100	51.51	-22.49	74	56.17	38.06	11.22	53.94	177	48	P	H
		11100	42.5	-11.5	54	47.16	38.06	11.22	53.94	177	48	A	H
		16650	50.72	-17.58	68.3	48.01	41.51	14.35	53.15	-	-	P	H
		11100	51.68	-22.32	74	56.34	38.06	11.22	53.94	100	47	P	V
		11100	41.3	-12.7	54	45.96	38.06	11.22	53.94	100	47	A	V
		16650	50.46	-17.84	68.3	47.75	41.51	14.35	53.15	-	-	P	V
802.11ax HE40 Full CH 134 5670MHz		11340	50.76	-23.24	74	54.94	38.2	11.42	53.8	163	61	P	H
		11340	41.52	-12.48	54	45.7	38.2	11.42	53.8	163	61	A	H
		17010	50.88	-17.42	68.3	46.45	42.09	14.55	52.21	-	-	P	H
		11340	49	-25	74	53.18	38.2	11.42	53.8	100	27	P	V
		11340	39.91	-14.09	54	44.09	38.2	11.42	53.8	100	27	A	V
		17010	50.31	-17.99	68.3	45.88	42.09	14.55	52.21	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

band 3 5470~5725MHz

WIFI 802.11ax HE40 Partial 242 (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)
		5459.68	60.44	-13.56	74	51.44	34.5	7.86	33.36	100	182	P	H
		5468.56	62.32	-5.98	68.3	53.3	34.5	7.88	33.36	100	182	P	H
		5452.96	47.88	-6.12	54	38.86	34.5	7.84	33.32	100	182	A	H
802.11ax	*	5510	98.74	------	------	89.68	34.5	7.96	33.4	100	182	P	H
HE40		5510	92.29	------	------	83.23	34.5	7.96	33.4	100	182	A	H
Partial		5740.745	51	-17.3	68.3	41.21	34.7	8.44	33.35	100	182	P	H
242/61		5458.96	62.55	-11.45	74	53.55	34.5	7.86	33.36	131	353	P	V
CH 102		5470	65.58	-2.72	68.3	56.55	34.5	7.89	33.36	131	353	P	V
5510MHz		5459.2	48.95	-5.05	54	39.95	34.5	7.86	33.36	131	353	A	V
	*	5510	102.27	------	------	93.21	34.5	7.96	33.4	131	353	P	V
		5510	96.62	------	------	87.56	34.5	7.96	33.4	131	353	A	V
		5743.895	50.98	-17.32	68.3	41.2	34.7	8.43	33.35	131	353	P	V
		5396.9	50.01	-23.99	74	41.03	34.5	7.71	33.23	139	341	P	H
		5463.05	48.71	-19.59	68.3	39.7	34.5	7.87	33.36	139	341	P	H
		5443.8	40.59	-13.41	54	31.59	34.5	7.82	33.32	139	341	A	H
802.11ax	*	5670	102.75	------	------	93.12	34.64	8.36	33.37	139	341	P	H
HE40		5670	97.22	------	------	87.59	34.64	8.36	33.37	139	341	A	H
Partial		5725.625	59.33	-8.97	68.3	49.51	34.7	8.47	33.35	139	341	P	H
242/62		5368.55	49.58	-24.42	74	40.58	34.5	7.69	33.19	123	5	P	V
CH 134		5468.3	49.24	-19.06	68.3	40.22	34.5	7.88	33.36	123	5	P	V
5670MHz		5438.55	40.57	-13.43	54	31.58	34.5	7.81	33.32	123	5	A	V
	*	5670	102.11	------	------	92.48	34.64	8.36	33.37	123	5	P	V
		5670	93.89	------	------	84.26	34.64	8.36	33.37	123	5	A	V
		5725.1	62.52	-5.78	68.3	52.7	34.7	8.47	33.35	123	5	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5457.76	55.64	-18.36	74	46.42	32.34	9.68	32.8	235	248	P	H
		5467.12	58.71	-9.59	68.3	49.45	32.36	9.7	32.8	235	248	P	H
		5457.28	50.64	-3.36	54	41.42	32.34	9.68	32.8	235	248	A	H
	*	5530	101.05	------	------	91.73	32.41	9.72	32.81	235	248	P	H
802.11ax		5530	93.58	------	------	84.26	32.41	9.72	32.81	235	248	A	H
HE80 Full		5742.005	48.12	-20.18	68.3	38.42	32.54	10.09	32.93	235	248	P	H
CH 106		5455.6	56.65	-17.35	74	47.43	32.34	9.68	32.8	267	262	P	V
5530MHz		5466.88	59.22	-9.08	68.3	49.96	32.36	9.7	32.8	267	262	P	V
		5436.4	51.54	-2.46	54	42.25	32.32	9.68	32.71	267	262	A	V
	*	5530	101.83	------	------	92.51	32.41	9.72	32.81	267	262	P	V
		5530	94.44	------	------	85.12	32.41	9.72	32.81	267	262	A	V
		5725.94	49.72	-18.58	68.3	40.08	32.53	10.01	32.9	267	262	P	V
		5434.24	48.58	-25.42	74	39.29	32.32	9.68	32.71	246	250	P	H
		5469.52	50	-18.3	68.3	40.74	32.36	9.7	32.8	246	250	P	H
		5457.52	42.59	-11.41	54	33.37	32.34	9.68	32.8	246	250	A	H
	*	5610	102.02	------	------	92.57	32.46	9.76	32.77	246	250	P	H
802.11ax		5610	94.69	------	------	85.24	32.46	9.76	32.77	246	250	A	H
HE80 Full		5727.2	50.36	-17.94	68.3	40.72	32.53	10.01	32.9	246	250	P	H
CH 122		5458.24	49.07	-24.93	74	39.85	32.34	9.68	32.8	333	272	P	V
5610MHz		5462.32	50.45	-17.85	68.3	41.23	32.34	9.68	32.8	333	272	P	V
		5457.28	43.73	-10.27	54	34.51	32.34	9.68	32.8	333	272	A	V
	*	5610	104.32	------	------	94.87	32.46	9.76	32.77	333	272	P	V
		5610	96.71	------	------	87.26	32.46	9.76	32.77	333	272	A	V
		5726.675	51.86	-16.44	68.3	42.22	32.53	10.01	32.9	333	272	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11060	46.78	-27.22	74	51.51	38.04	11.19	53.96	-	-	P	H
HE80 Full		16590	50.99	-17.31	68.3	48.61	41.4	14.32	53.34	-	-	P	H
CH 106		11060	46.55	-27.45	74	51.28	38.04	11.19	53.96	-	-	P	V
5530MHz		16590	50.07	-18.23	68.3	47.69	41.4	14.32	53.34	-	-	P	V
802.11ax		11220	46.79	-27.21	74	51.21	38.13	11.32	53.87	-	-	P	H
HE80 Full		16830	50.4	-17.9	68.3	46.82	41.81	14.44	52.67	-	-	P	H
CH 122		11220	46.31	-27.69	74	50.73	38.13	11.32	53.87	-	-	P	V
5610MHz		16830	50.25	-18.05	68.3	46.67	41.81	14.44	52.67	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (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)
		5453.2	58.9	-15.1	74	49.92	34.5	7.84	33.36	248	347	P	H
		5467.36	64.1	-4.2	68.3	55.08	34.5	7.88	33.36	248	347	P	H
		5458.48	50.42	-3.58	54	41.42	34.5	7.86	33.36	248	347	A	H
802.11ax	*	5530	98.91	------	------	89.85	34.5	7.96	33.4	248	347	P	H
HE80		5530	91.83	------	------	82.77	34.5	7.96	33.4	248	347	A	H
Partial		5739.17	49.92	-18.38	68.3	40.13	34.7	8.44	33.35	248	347	P	H
484/65		5459.68	61.44	-12.56	74	52.44	34.5	7.86	33.36	151	315	P	V
CH 106		5468.08	64.06	-4.24	68.3	55.04	34.5	7.88	33.36	151	315	P	V
5530MHz		5459.68	50.89	-3.11	54	41.89	34.5	7.86	33.36	151	315	A	V
	*	5530	102.84	------	------	93.78	34.5	7.96	33.4	151	315	P	V
		5530	94.7	------	------	85.64	34.5	7.96	33.4	151	315	A	V
		5759.015	49.61	-18.69	68.3	39.84	34.72	8.4	33.35	151	315	P	V
		5405.2	48.93	-25.07	74	39.98	34.5	7.72	33.27	201	338	P	H
		5467.12	48.42	-19.88	68.3	39.4	34.5	7.88	33.36	201	338	P	H
		5450.56	41.97	-12.03	54	32.95	34.5	7.84	33.32	201	338	A	H
802.11ax	*	5610	98.79	------	------	89.63	34.52	8.02	33.38	201	338	P	H
HE80		5610	92.78	------	------	83.62	34.52	8.02	33.38	201	338	A	H
Partial		5738.4	52.1	-16.2	68.3	42.31	34.7	8.44	33.35	201	338	P	H
484/66		5450.56	49.78	-24.22	74	40.76	34.5	7.84	33.32	100	3	P	V
CH 122		5469.28	48.76	-19.54	68.3	39.74	34.5	7.88	33.36	100	3	P	V
5610MHz		5433.04	42.11	-11.89	54	33.14	34.5	7.79	33.32	100	3	A	V
	*	5610	100.92	------	------	91.76	34.52	8.02	33.38	100	3	P	V
		5610	94.53	------	------	85.37	34.52	8.02	33.38	100	3	A	V
		5725.275	55.88	-12.42	68.3	46.06	34.7	8.47	33.35	100	3	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5415.45	49.12	-24.88	74	39.78	32.3	9.66	32.62	100	242	P	H
		5462.75	47.95	-20.35	68.3	38.71	32.36	9.68	32.8	100	242	P	H
	*	5720	111.73	------	------	102.09	32.53	10.01	32.9	100	242	P	H
		5874.15	50.08	-18.22	68.3	40.21	32.63	10.33	33.09	100	242	P	H
		5455.6	38.79	-15.21	54	29.57	32.34	9.68	32.8	100	242	P	H
	*	5720	104.67	------	------	95.03	32.53	10.01	32.9	100	242	A	H
		5452.3	48.57	-25.43	74	39.35	32.34	9.68	32.8	305	258	P	V
		5468.25	48.07	-20.23	68.3	38.81	32.36	9.7	32.8	305	258	P	V
	*	5720	112.33	------	------	102.69	32.53	10.01	32.9	305	258	P	V
		5882.95	49.43	-18.87	68.3	39.56	32.63	10.33	33.09	305	258	P	V
		5460	38.57	-15.43	54	29.35	32.34	9.68	32.8	305	258	P	V
	*	5720	104.45	------	------	94.81	32.53	10.01	32.9	305	258	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	54.38	-19.62	74	51.97	39.49	12.85	49.93	208	14	P	H
		11440	46.89	-7.11	54	44.48	39.49	12.85	49.93	208	14	A	H
		17160	49.17	-19.13	68.3	42.47	42.49	15.65	51.44	-	-	P	H
		11440	55.17	-18.83	74	52.76	39.49	12.85	49.93	100	41	P	V
		11440	47.91	-6.09	54	45.5	39.49	12.85	49.93	100	41	A	V
		17160	51.48	-16.82	68.3	44.78	42.49	15.65	51.44	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5392.35	48.19	-25.81	74	38.89	32.26	9.66	32.62	100	241	P	H
		5466.05	47.5	-20.8	68.3	38.24	32.36	9.7	32.8	100	241	P	H
	*	5720	110.87	------	------	101.23	32.53	10.01	32.9	100	241	P	H
		5869.2	49.39	-18.91	68.3	39.53	32.62	10.33	33.09	100	241	P	H
		5455.05	38.49	-15.51	54	29.27	32.34	9.68	32.8	100	241	P	H
	*	5720	103.8	------	------	94.16	32.53	10.01	32.9	100	241	A	H
		5441.85	48.61	-25.39	74	39.32	32.32	9.68	32.71	310	261	P	V
		5462.2	47.4	-20.9	68.3	38.18	32.34	9.68	32.8	310	261	P	V
	*	5720	111.21	------	------	101.57	32.53	10.01	32.9	310	261	P	V
		5893.95	49.54	-18.76	68.3	39.7	32.64	10.33	33.13	310	261	P	V
		5456.7	38.36	-15.64	54	29.14	32.34	9.68	32.8	310	261	P	V
	*	5720	104.21	------	------	94.57	32.53	10.01	32.9	310	261	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		11440	53.22	-20.78	74	50.81	39.49	12.85	49.93	200	10	P	H
		11440	45.53	-8.47	54	43.12	39.49	12.85	49.93	200	10	A	H
		17160	50.84	-17.46	68.3	44.14	42.49	15.65	51.44	-	-	P	H
		11440	54.06	-19.94	74	51.65	39.49	12.85	49.93	100	39	P	V
		11440	47.58	-6.42	54	45.17	39.49	12.85	49.93	100	39	A	V
		17160	48.42	-19.88	68.3	41.72	42.49	15.65	51.44	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		5436.9	48.44	-25.56	74	39.15	32.32	9.68	32.71	100	246	P	H
		5469.9	47.69	-20.61	68.3	38.43	32.36	9.7	32.8	100	246	P	H
	*	5710	107.01	------	------	97.38	32.52	10.01	32.9	100	246	P	H
		5884.6	49.78	-18.52	68.3	39.95	32.63	10.33	33.13	100	246	P	H
		5388.5	39.07	-14.93	54	29.77	32.26	9.66	32.62	100	246	P	H
	*	5710	100.34	------	------	90.71	32.52	10.01	32.9	100	246	A	H
		5458.9	48.1	-25.9	74	38.88	32.34	9.68	32.8	311	261	P	V
		5465.5	49.19	-19.11	68.3	39.95	32.36	9.68	32.8	311	261	P	V
	*	5710	107.52	------	------	97.89	32.52	10.01	32.9	311	261	P	V
		5865.35	49.7	-18.6	68.3	39.84	32.62	10.33	33.09	311	261	P	V
		5456.7	39.26	-14.74	54	30.04	32.34	9.68	32.8	311	261	P	V
	*	5710	100.58	------	------	90.95	32.52	10.01	32.9	311	261	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		11420	50.8	-23.2	74	48.42	39.48	12.82	49.92	189	11	P	H
		11420	45.03	-8.97	54	42.65	39.48	12.82	49.92	189	11	A	H
		17130	50.87	-17.43	68.3	44.37	42.28	15.65	51.43	-	-	P	H
		11420	53.23	-20.77	74	50.85	39.48	12.82	49.92	100	41	P	V
		11420	46.78	-7.22	54	44.4	39.48	12.82	49.92	100	41	A	V
		17130	50.16	-18.14	68.3	43.66	42.28	15.65	51.43	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		5430.85	48.83	-25.17	74	39.54	32.32	9.68	32.71	100	242	P	H
		5464.95	48.56	-19.74	68.3	39.32	32.36	9.68	32.8	100	242	P	H
	*	5690	101.94	------	------	92.39	32.51	9.92	32.88	100	242	P	H
		5857.1	49.68	-18.62	68.3	39.79	32.62	10.33	33.06	100	242	P	H
		5454.5	40.48	-13.52	54	31.26	32.34	9.68	32.8	100	242	P	H
	*	5690	95.23	------	------	85.68	32.51	9.92	32.88	100	242	A	H
		5444.05	47.78	-26.22	74	38.49	32.32	9.68	32.71	321	259	P	V
		5460	48.94	-19.36	68.3	39.72	32.34	9.68	32.8	321	259	P	V
	*	5690	102.17	------	------	92.62	32.51	9.92	32.88	321	259	P	V
		5854.35	49.06	-19.24	68.3	39.25	32.62	10.25	33.06	321	259	P	V
		5457.8	40.56	-13.44	54	31.34	32.34	9.68	32.8	321	259	P	V
	*	5690	95.56	------	------	86.01	32.51	9.92	32.88	321	259	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11380	48.65	-25.35	74	46.3	39.48	12.79	49.92	-	-	P	H
VHT80		17070	48.57	-19.73	68.3	42.51	41.88	15.59	51.41	-	-	P	H
CH 138		11380	49.14	-24.86	74	46.79	39.48	12.79	49.92	-	-	P	V
5690MHz		17070	49.25	-19.05	68.3	43.19	41.88	15.59	51.41	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5443.5	48.45	-25.55	74	39.16	32.32	9.68	32.71	100	244	P	H
		5469.9	47.88	-20.42	68.3	38.62	32.36	9.7	32.8	100	244	P	H
	*	5720	110.07	------	------	100.43	32.53	10.01	32.9	100	244	P	H
		5875.8	49.27	-19.03	68.3	39.4	32.63	10.33	33.09	100	244	P	H
802.11ax		5458.35	38.3	-15.7	54	29.08	32.34	9.68	32.8	100	244	P	H
HE20 Full	*	5720	100.95	------	------	91.31	32.53	10.01	32.9	100	244	A	H
CH 144		5457.25	48.37	-25.63	74	39.15	32.34	9.68	32.8	306	260	P	V
5720MHz		5466.6	47.21	-21.09	68.3	37.95	32.36	9.7	32.8	306	260	P	V
	*	5720	112.09	------	------	102.45	32.53	10.01	32.9	306	260	P	V
		5891.2	49.59	-18.71	68.3	39.75	32.64	10.33	33.13	306	260	P	V
		5397.85	38.18	-15.82	54	28.86	32.28	9.66	32.62	306	260	P	V
	*	5720	101.38	------	------	91.74	32.53	10.01	32.9	306	260	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 144 5720MHz		11440	51.04	-22.96	74	48.63	39.49	12.85	49.93	202	11	P	H
		11440	44.52	-9.48	54	42.11	39.49	12.85	49.93	202	11	A	H
		17160	49.85	-18.45	68.3	43.15	42.49	15.65	51.44	-	-	P	H
		11440	53.71	-20.29	74	51.3	39.49	12.85	49.93	100	40	P	V
		11440	46.72	-7.28	54	44.31	39.49	12.85	49.93	100	40	A	V
		17160	50.17	-18.13	68.3	43.47	42.49	15.65	51.44	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/54 CH 144 5720MHz		5402.25	49.17	-24.83	74	40.22	34.5	7.72	33.27	100	11	P	H
		5466.6	49.43	-18.87	68.3	40.41	34.5	7.88	33.36	100	11	P	H
	*	5710	103.24	------	------	93.4	34.7	8.5	33.36	100	11	P	H
		5857.65	50.75	-17.55	68.3	40.74	34.92	8.42	33.33	100	11	P	H
		5433.6	40.71	-13.29	54	31.74	34.5	7.79	33.32	100	11	P	H
	*	5710	94.87	------	------	85.03	34.7	8.5	33.36	100	11	A	H
		5394.55	49.6	-24.4	74	40.62	34.5	7.71	33.23	205	340	P	V
		5468.25	48.41	-19.89	68.3	39.39	34.5	7.88	33.36	205	340	P	V
	*	5710	102.84	------	------	93	34.7	8.5	33.36	205	340	P	V
		5852.15	50.06	-18.24	68.3	40.08	34.9	8.41	33.33	205	340	P	V
		5429.75	40.48	-13.52	54	31.52	34.5	7.78	33.32	205	340	P	V
	*	5710	93.81	------	------	83.97	34.7	8.5	33.36	205	340	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5429.2	48.25	-25.75	74	38.96	32.32	9.68	32.71	100	240	P	H
		5464.4	48.28	-20.02	68.3	39.04	32.36	9.68	32.8	100	240	P	H
	*	5710	105.12	------	------	95.49	32.52	10.01	32.9	100	240	P	H
		5892.3	50.01	-18.29	68.3	40.17	32.64	10.33	33.13	100	240	P	H
802.11ax		5457.25	39.11	-14.89	54	29.89	32.34	9.68	32.8	100	240	P	H
HE40 Full	*	5710	97.34	------	------	87.71	32.52	10.01	32.9	100	240	A	H
CH 142		5428.1	48.09	-25.91	74	38.82	32.3	9.68	32.71	304	267	P	V
5710MHz		5466.05	47.87	-20.43	68.3	38.61	32.36	9.7	32.8	304	267	P	V
	*	5710	107.11	------	------	97.48	32.52	10.01	32.9	304	267	P	V
		5856.55	50.18	-18.12	68.3	40.29	32.62	10.33	33.06	304	267	P	V
		5457.8	38.85	-15.15	54	29.63	32.34	9.68	32.8	304	267	P	V
	*	5710	98.02	------	------	88.39	32.52	10.01	32.9	304	267	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Full CH 142 5710MHz		11420	49.6	-24.4	74	47.22	39.48	12.82	49.92	185	12	P	H
		11420	44.06	-9.94	54	41.68	39.48	12.82	49.92	185	12	A	H
		17130	49.17	-19.13	68.3	42.67	42.28	15.65	51.43	-	-	P	H
		11420	53.05	-20.95	74	50.67	39.48	12.82	49.92	100	41	P	V
		11420	45.72	-8.28	54	43.34	39.48	12.82	49.92	100	41	A	V
		17130	50.66	-17.64	68.3	44.16	42.28	15.65	51.43	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 Straddle Channel

WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE40 Partial 242/62 CH 142 5710MHz		5402.25	49.17	-24.83	74	40.22	34.5	7.72	33.27	100	11	P	H
		5466.6	49.43	-18.87	68.3	40.41	34.5	7.88	33.36	100	11	P	H
	*	5710	103.24	------	------	93.4	34.7	8.5	33.36	100	11	P	H
		5857.65	50.75	-17.55	68.3	40.74	34.92	8.42	33.33	100	11	P	H
		5433.6	40.71	-13.29	54	31.74	34.5	7.79	33.32	100	11	P	H
	*	5710	94.87	------	------	85.03	34.7	8.5	33.36	100	11	A	H
		5394.55	49.6	-24.4	74	40.62	34.5	7.71	33.23	205	340	P	V
		5468.25	48.41	-19.89	68.3	39.39	34.5	7.88	33.36	205	340	P	V
	*	5710	102.84	------	------	93	34.7	8.5	33.36	205	340	P	V
		5852.15	50.06	-18.24	68.3	40.08	34.9	8.41	33.33	205	340	P	V
		5429.75	40.48	-13.52	54	31.52	34.5	7.78	33.32	205	340	P	V
	*	5710	93.81	------	------	83.97	34.7	8.5	33.36	205	340	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5419.3	47.66	-26.34	74	38.32	32.3	9.66	32.62	100	245	P	H
		5469.35	47.59	-20.71	68.3	38.33	32.36	9.7	32.8	100	245	P	H
	*	5690	103.22	------	------	93.67	32.51	9.92	32.88	100	245	P	H
		5890.65	50.04	-18.26	68.3	40.2	32.64	10.33	33.13	100	245	P	H
802.11ax		5457.25	40.35	-13.65	54	31.13	32.34	9.68	32.8	100	245	P	H
HE80 Full	*	5690	95.19	------	------	85.64	32.51	9.92	32.88	100	245	A	H
CH 138		5429.2	48.1	-25.9	74	38.81	32.32	9.68	32.71	303	260	P	V
5690MHz		5460.55	48.25	-20.05	68.3	39.03	32.34	9.68	32.8	303	260	P	V
	*	5690	101.26	------	------	91.71	32.51	9.92	32.88	303	260	P	V
		5873.6	49.56	-18.74	68.3	39.69	32.63	10.33	33.09	303	260	P	V
		5458.35	40.5	-13.5	54	31.28	32.34	9.68	32.8	303	260	P	V
	*	5690	95.1	------	------	85.55	32.51	9.92	32.88	303	260	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 Full (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11380	47.98	-26.02	74	45.63	39.48	12.79	49.92	-	-	P	H
HE80 Full		17070	48.94	-19.36	68.3	42.88	41.88	15.59	51.41	-	-	P	H
CH 138		11380	48.78	-25.22	74	46.43	39.48	12.79	49.92	-	-	P	V
5690MHz		17070	49.78	-18.52	68.3	43.72	41.88	15.59	51.41	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 Partial 484 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 Partial 484/66 CH 138 5690MHz		5408.85	48.4	-25.6	74	39.44	34.5	7.73	33.27	198	340	P	H
		5467.15	48.01	-20.29	68.3	38.99	34.5	7.88	33.36	198	340	P	H
	*	5690	99.34	------	------	89.55	34.68	8.47	33.36	198	340	P	H
		5865.35	48.9	-19.4	68.3	38.86	34.93	8.44	33.33	198	340	P	H
		5449	41.86	-12.14	54	32.85	34.5	7.83	33.32	198	340	P	H
	*	5690	92.24	------	------	82.45	34.68	8.47	33.36	198	340	A	H
		5430.3	47.97	-26.03	74	39	34.5	7.79	33.32	100	3	P	V
		5468.25	47.05	-21.25	68.3	38.03	34.5	7.88	33.36	100	3	P	V
	*	5690	99.68	------	------	89.89	34.68	8.47	33.36	100	3	P	V
		5862.6	49.21	-19.09	68.3	39.18	34.93	8.43	33.33	100	3	P	V
		5433.6	42.1	-11.9	54	33.13	34.5	7.79	33.32	100	3	P	V
	*	5690	92.36	------	------	82.57	34.68	8.47	33.36	100	3	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT80 (LF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		30.97	24.47	-15.53	40	31.04	25.29	0.54	32.4	-	-	P	H
		100.81	18.47	-25.03	43.5	33.44	16.21	1.02	32.2	-	-	P	H
		276.38	20.05	-25.95	46	30.73	19.34	1.73	31.75	-	-	P	H
		591.63	28.79	-17.21	46	30.68	26.31	2.54	30.74	-	-	P	H
		817.64	31.55	-14.45	46	31.05	28.86	2.98	31.34	-	-	P	H
		945.68	33.44	-12.56	46	30.72	31	3.22	31.5	-	-	P	H
		30	25.32	-14.68	40	31.33	25.86	0.53	32.4	-	-	P	V
		44.55	21.94	-18.06	40	36.21	17.48	0.65	32.4	-	-	P	V
		118.27	17.71	-25.79	43.5	31.16	17.64	1.11	32.2	-	-	P	V
		382.11	22.1	-23.9	46	29.99	21.56	2.06	31.51	-	-	P	V
		615.88	29.32	-16.68	46	31.04	26.42	2.59	30.73	-	-	P	V
		949.56	33.29	-12.71	46	30.42	31.14	3.23	31.5	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Co-location

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.48	56.43	-17.57	74	47.21	32.34	9.68	32.8	242	31	P	H
		5465.2	56.81	-11.49	68.3	47.57	32.36	9.68	32.8	242	31	P	H
		5458.24	48.59	-5.41	54	39.37	32.34	9.68	32.8	242	31	A	H
		1559.5	38.18	-35.82	74	43.31	25.34	4.41	34.88	242	31	P	H
		2339.25	39.18	-34.82	74	40.77	26.98	5.31	33.88	242	31	P	H
		3119	41.73	-26.57	68.3	39.91	28.52	6.36	33.06	242	31	P	H
	*	5530	97.37	------	------	88.05	32.41	9.72	32.81	242	31	P	H
802.11ac		5530	91.11	------	------	81.79	32.41	9.72	32.81	242	31	A	H
VHT80		5757.755	48.07	-20.23	68.3	38.38	32.56	10.09	32.96	242	31	P	H
CH 106		5457.76	58.73	-15.27	74	49.51	32.34	9.68	32.8	255	275	P	V
5530MHz		5465.44	57.49	-10.81	68.3	48.25	32.36	9.68	32.8	255	275	P	V
		5457.52	50.47	-3.53	54	41.25	32.34	9.68	32.8	255	275	A	V
		1559.5	35.74	-38.26	74	40.87	25.34	4.41	34.88	255	275	P	V
		2339.25	38.87	-35.13	74	40.46	26.98	5.31	33.88	255	275	P	V
		3119	42.17	-26.13	68.3	40.35	28.52	6.36	33.06	255	275	P	V
	*	5530	101.04	------	------	91.72	32.41	9.72	32.81	255	275	P	V
		5530	93.88	------	------	84.56	32.41	9.72	32.81	255	275	A	V
		5728.46	48.39	-19.91	68.3	38.75	32.53	10.01	32.9	255	275	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Margin (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		1559.5	38.18	-35.82	74	43.31	25.34	4.41	34.88	-	-	P	H
		2339.25	39.18	-34.82	74	40.77	26.98	5.31	33.88	-	-	P	H
		3119	41.73	-26.57	68.3	39.91	28.52	6.36	33.06	-	-	P	H
		11060	50.46	-23.54	74	33.04	39.61	12.57	34.76	-	-	P	H
		16590	47.85	-20.45	68.3	25.66	40.63	15.24	33.68	-	-	P	H
		1559.5	35.74	-38.26	74	40.87	25.34	4.41	34.88	-	-	P	V
		2339.25	38.87	-35.13	74	40.46	26.98	5.31	33.88	-	-	P	V
		3119	42.17	-26.13	68.3	40.35	28.52	6.36	33.06	-	-	P	V
		11060	50.26	-23.74	74	32.84	39.61	12.57	34.76	-	-	P	V
		16590	48.97	-19.33	68.3	26.78	40.63	15.24	33.68	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Note symbol

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

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

WIFI Ant.	Note	Frequency	Level	Margin	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)
802.11ac VHT80 CH 106 5530MHz		11213	48.14	-25.86	74	59.06	39.72	17.65	68.29	-	-	P	H
		11213	37.67	-16.33	54	48.59	39.72	17.65	68.29	-	-	A	H

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

For Peak Limit @ 11213MHz:

1. Level(dBμV/m)

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

= 39.72(dB/m) + 17.65(dB) + 59.06(dBμV) – 68.29 (dB)

= 48.14 (dBμV/m)

2. Margin(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 48.14(dBμV/m) – 74(dBμV/m)

= -25.86(dB)

For Average Limit @ 11213MHz:

1. Level(dBμV/m)

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

= 39.72(dB/m) + 17.65(dB) + 48.59(dBμV) – 68.29 (dB)

= 37.67 (dBμV/m)

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

= 37.67(dBμV/m) – 54(dBμV/m)

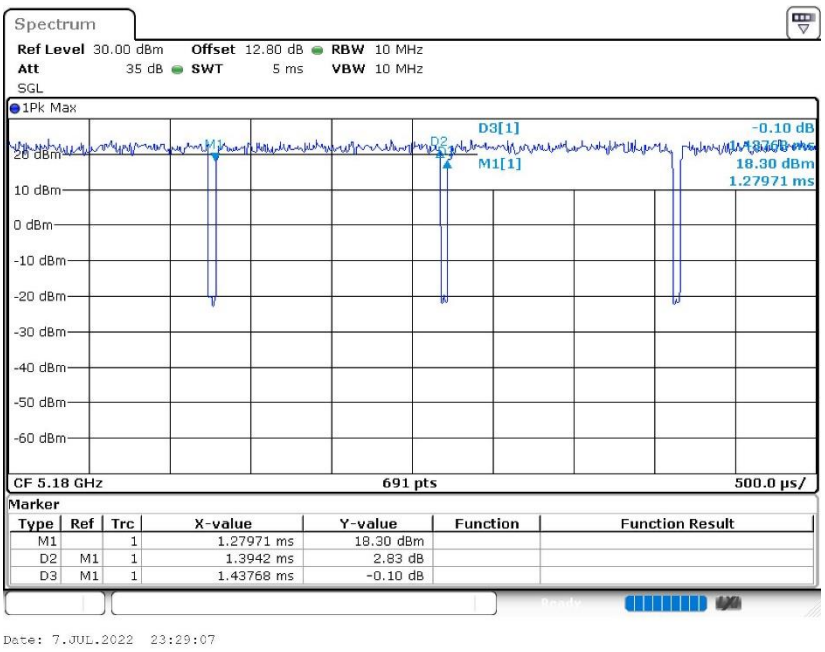
= -16.33(dB)

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

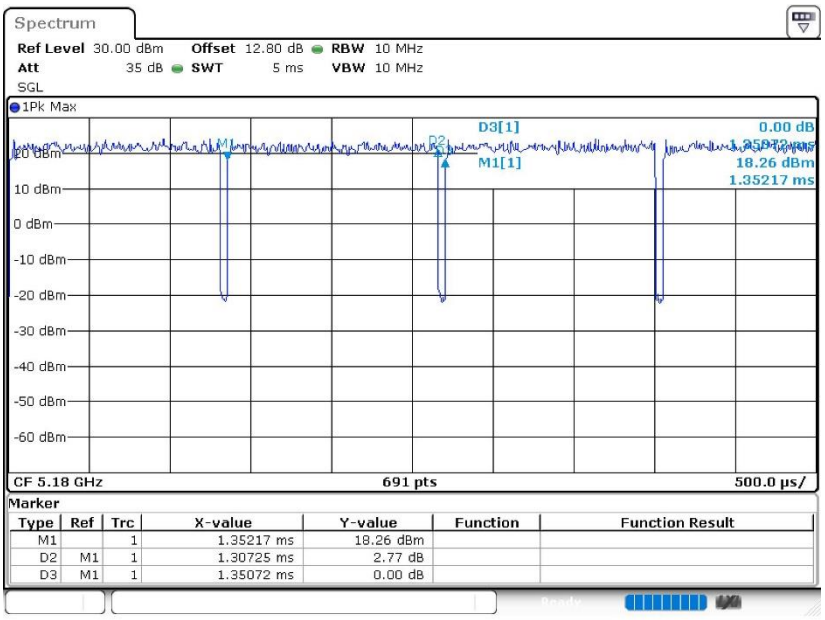
Appendix D. Duty Cycle Plots

Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
802.11a	96.98	1.39	0.717	1KHz
802.11n HT20	96.78	1.31	0.765	1KHz
802.11n HT40	93.35	0.65	1.537	3KHz
802.11ac VHT20	96.79	1.31	0.762	1KHz
802.11ac VHT40	93.75	0.65	1.533	3KHz
802.11ac VHT80	88.19	0.33	3.080	10Hz
802.11ax HE20	94.98	1.01	0.986	1KHz
802.11ax HE40	92.50	0.54	1.865	3KHz
802.11ax HE80	87.01	0.29	3.433	10Hz

802.11a



802.11n HT20



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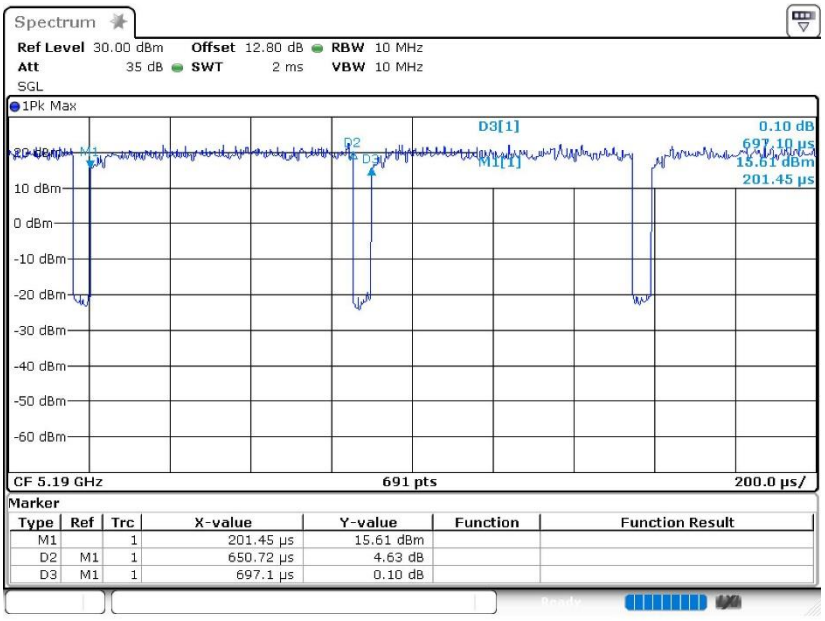
802.11n HT40



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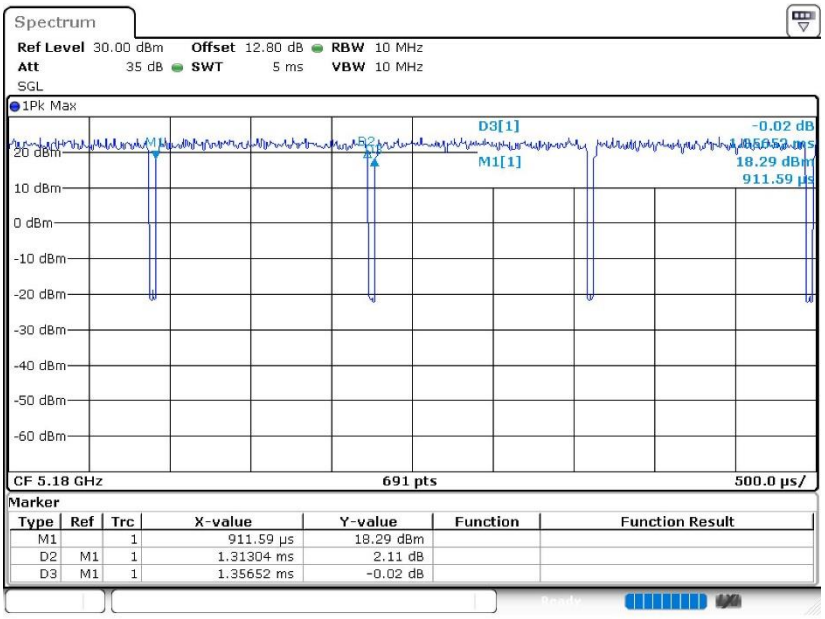
802.11ac VHT20



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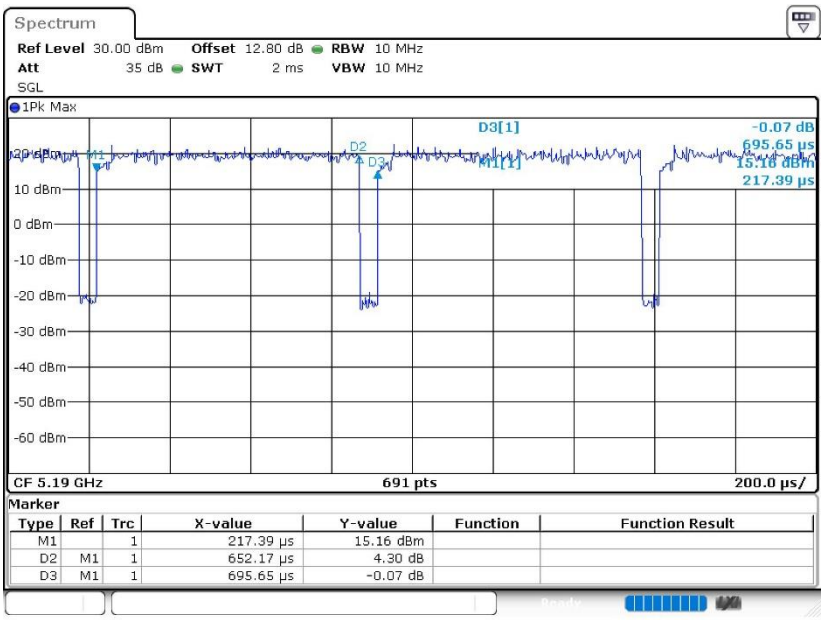
802.11ac VHT40



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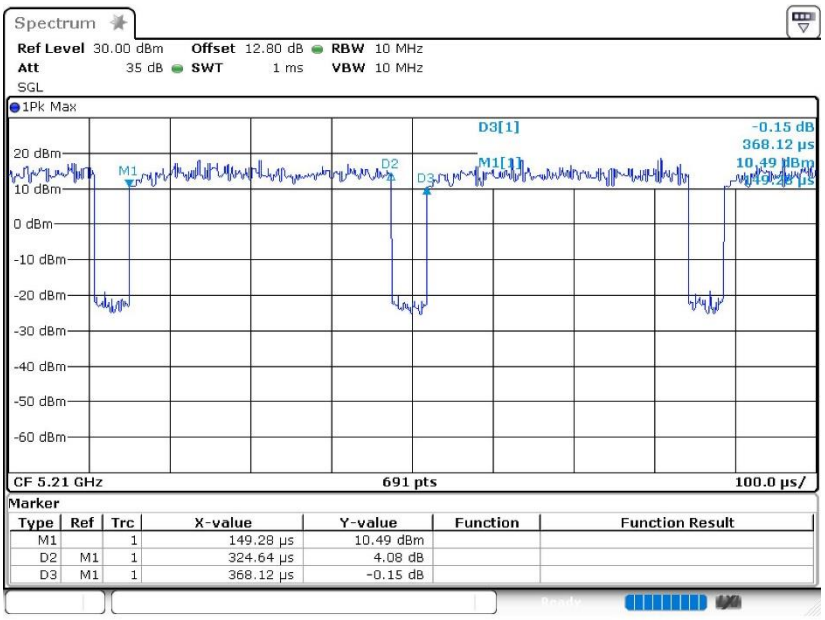
802.11ac VHT80



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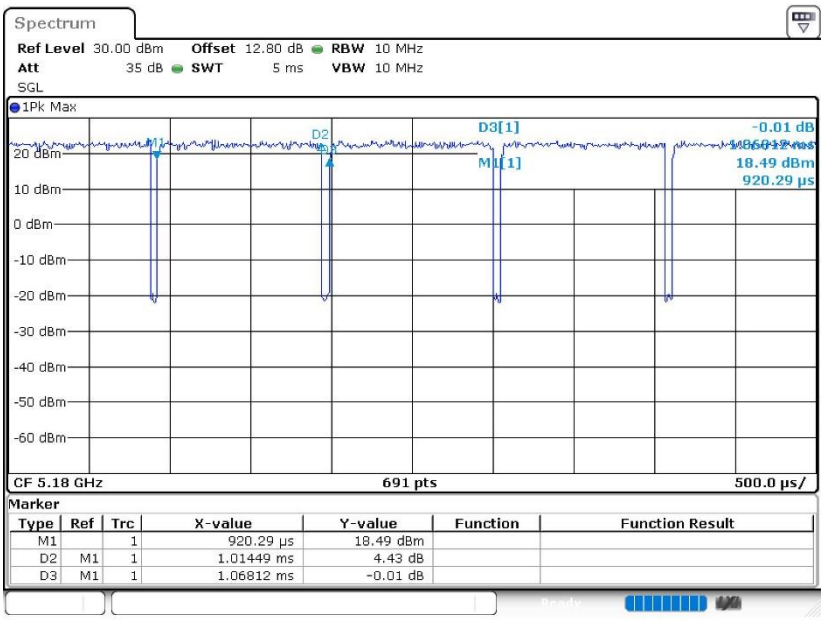
802.11ax HE20



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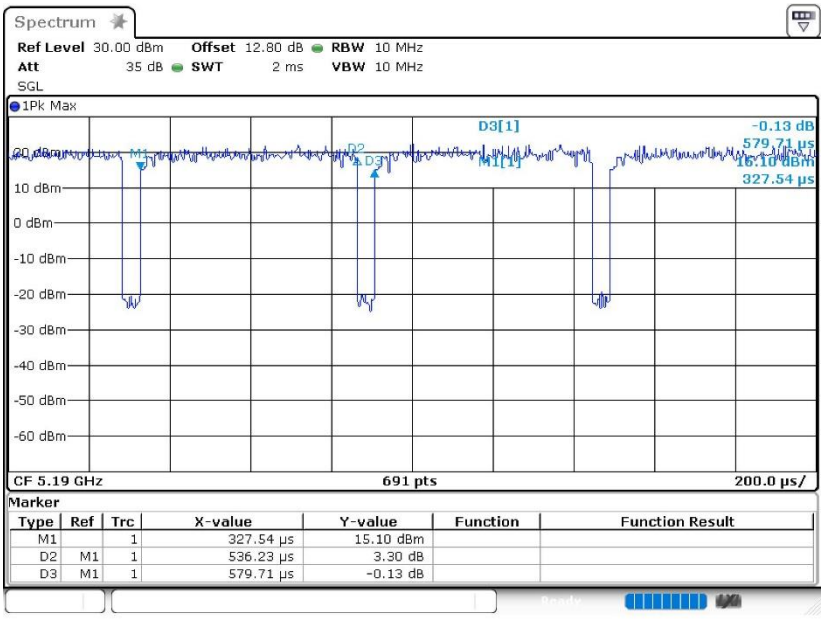
802.11ax HE40



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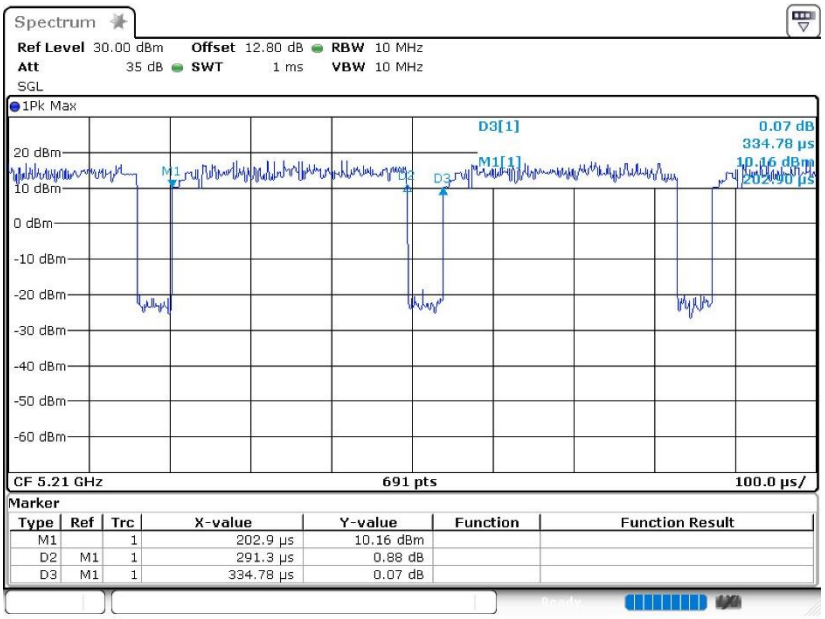
802.11ax HE80



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