FCC RF Test Report

APPLICANT	:	OnePlus Technology (Shenzhen) Co., Ltd
EQUIPMENT	:	Smart Phone
BRAND NAME	:	ONEPLUS
MODEL NAME	:	IN2025
FCC ID	:	2ABZ2-EE007
STANDARD	:	FCC Part 15 Subpart E §15.407
CLASSIFICATION	:	(NII) Unlicensed National Information Infrastructure

The product was received on Nov. 20, 2019 and testing was completed on Mar. 05, 2020. We, Sporton International (ShenZhen) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Reviewed by: Derreck Chen / Supervisor

Approved by: Eric Shih / Manager

ACCREDITED Cert #5145.01

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

TABLE OF CONTENTS

REVISION HISTORY **3**
SUMMARY OF TEST RESULT **4**
1 GENERAL DESCRIPTION **5**
1.1 Applicant 5
1.2 Manufacturer 5
1.3 Product Feature of Equipment Under Test 5
1.4 Product Specification of Equipment Under Test 6
1.5 Modification of EUT 7
1.6 Testing Location 8
1.7 Test Software 8
1.8 Applicable Standards 8
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST **9**
2.1 Carrier Frequency and Channel 9
2.2 Test Mode 11
2.3 Connection Diagram of Test System 14
2.4 Support Unit used in test configuration and system 15
2.5 EUT Operation Test Setup 16
2.6 Measurement Results Explanation Example 16
3 TEST RESULT **17**
3.1 26dB & 99% Occupied Bandwidth Measurement 17
3.2 Maximum Conducted Output Power Measurement 19
3.3 Power Spectral Density Measurement 21
3.4 Unwanted Emissions Measurement 25
3.5 AC Conducted Emission Measurement 30
3.6 Automatically Discontinue Transmission 32
3.7 Antenna Requirements 33
4 LIST OF MEASURING EQUIPMENT **34**
5 UNCERTAINTY OF EVALUATION **35**
APPENDIX A. CONDUCTED TEST RESULTS
APPENDIX B. AC CONDUCTED EMISSION TEST RESULT
APPENDIX C. RADIATED SPURIOUS EMISSION
APPENDIX D. DUTY CYCLE PLOTS
APPENDIX E. SETUP PHOTOGRAPHS

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR9N2009-01E	Rev. 01	Initial issue of report	Mar. 19, 2020

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 & 15.403(i)	26dB & 99% Bandwidth	-	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm	Pass	-
3.4	15.407(b)	Unwanted Emissions	15.407(b) & 15.209(a)	Pass	Under limit 3.08 dB at 5470.000 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 16.46 dB at 0.490 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
3.7	15.203 & 15.407(a)	Antenna Requirement	N/A	Pass	-

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

1 General Description

1.1 Applicant

OnePlus Technology (Shenzhen) Co., Ltd
18C02, 18C03, 18C04 and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen

1.2 Manufacturer

OnePlus Technology (Shenzhen) Co., Ltd
18C02, 18C03, 18C04 and 18C05, Shum Yip Terra Building, Binhe Avenue North, Futian District, Shenzhen

1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Smart Phone
Brand Name	ONEPLUS
Model Name	IN2025
FCC ID	2ABZ2-EE007
EUT supports Radios application	CDMA/GSM/WCDMA/LTE/5G NR WLAN 2.4GHz 802.11b/g/n HT20 WLAN 2.4GHz 802.11ax HE20/HE40 WLAN 5GHz 802.11a/n HT20/HT40 WLAN 5GHz 802.11ac VHT20/VHT40/VHT80 WLAN 5GHz 802.11ax HE20/HE40/HE80 Bluetooth BR/EDR/LE GNSS/NFC/WPC
IMEI Code	Conducted: 865422040000333/865422040000286 Conduction: 865422040025876/865422040025868 Radiation: 865422040025991/865422040025983
HW Version	15
SW Version	Oxygen OS 10.5.IN11AA
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 : 17.63 dBm / 0.0579 W 802.11n HT20 : 17.12 dBm / 0.0515 W 802.11n HT40 : 17.26 dBm / 0.0532 W 802.11ac VHT20 : 17.05 dBm / 0.0507 W 802.11ac VHT40 : 17.21 dBm / 0.0526 W 802.11ac VHT80 : 16.34 dBm / 0.0431 W 802.11ax HE20 : 17.30 dBm / 0.0537 W 802.11ax HE 40 : 17.37 dBm / 0.0546 W 802.11ax HE 80 : 16.14 dBm / 0.0411 W **<5260 MHz ~ 5320 MHz>** 802.11a : 17.72 dBm / 0.0592 W 802.11n HT20 : 17.60 dBm / 0.0575 W 802.11n HT40 : 17.45 dBm / 0.0556 W 802.11ac VHT20 : 17.57 dBm / 0.0571 W 802.11ac VHT40 : 17.39 dBm / 0.0548 W 802.11ac VHT80 : 14.22 dBm / 0.0264 W 802.11ax HE20 : 17.45 dBm / 0.0556 W 802.11ax HE 40 : 17.57 dBm / 0.0571 W 802.11ax HE 80 : 16.18 dBm / 0.0415 W **<5500 MHz ~ 5720 MHz >** 802.11a : 16.55 dBm / 0.0452 W 802.11n HT20 : 16.13 dBm / 0.0410 W 802.11n HT40 : 16.52 dBm / 0.0449 W 802.11ac VHT20 : 16.02 dBm / 0.0400 W 802.11ac VHT40 : 16.45 dBm / 0.0442 W 802.11ac VHT80 : 15.30 dBm / 0.0339 W 802.11ax HE20 : 16.12 dBm / 0.0409 W 802.11ax HE 40 : 16.51 dBm / 0.0448 W 802.11ax HE 80 : 15.31 dBm / 0.0340 W
99% Occupied Bandwidth	**<MIMO Ant. 1+2>** **<5180 MHz ~ 5240 MHz>** 802.11a : 16.38 MHz 802.11n HT20 : 18.43 MHz 802.11n HT40 : 38.16 MHz 802.11ac VHT80 : 77.80 MHz 802.11ax HE20 : 19.28 MHz 802.11ax HE40 : 38.86 MHz 802.11ax HE80 : 79.24 MHz **<5260 MHz ~ 5320 MHz>** 8802.11a : 16.38 MHz 802.11n HT20 : 18.28 MHz 802.11n HT40 : 37.86 MHz 802.11ac VHT80 : 77.80 MHz 802.11ax HE20 : 19.28 MHz 802.11ax HE40 : 38.66 MHz 802.11ax HE80 : 79.36 MHz

<table>
<tr><td></td><td><5500 MHz ~ 5720 MHz >
802.11a : 16.38 MHz
802.11n HT20 : 18.23 MHz
802.11n HT40 : 37.86 MHz
802.11ac VHT80 : 78.28 MHz
802.11ax HE20 : 19.23 MHz
802.11ax HE40 : 38.66 MHz
802.11ax HE80 : 79.24 MHz</td></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/ac/ax : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM/1024QAM)</td></tr>
<tr><td>Antenna Function Description</td><td><table><tr><td></td><td>Ant. 1</td><td>Ant. 2</td></tr><tr><td>802.11 a/n/ac/ax MIMO</td><td>V</td><td>V</td></tr></table></td></tr>
</table>

Note:

1. The EUT supports for WLAN MIMO mode only.
2. For 802.11n HT20 / ac VHT20 and 802.11n HT40 / ac VHT40 mode, the whole testing have assessed only 802.11n HT20/ HT40 by referring to their maximum conducted power.

1.5 Modification of EUT

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

1.6 Testing Location

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

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

Test Firm	Sporton International (Shenzhen) Inc.		
Test Site Location	No. 3 Bldg the third floor of south, Shahe River west, Fengzeyuan Warehouse, Nanshan Shenzhen, 518055 People's Republic of China TEL: +86-755-33202398		
Test Site No.	**Sporton Site No.**	**FCC Designation No.**	**FCC Test Firm Registration No.**
	03CH03-SZ	CN1256	421272

1.7 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH03-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 Band 1 (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 Band 2 (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 Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

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

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

Note:

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

2.2 Test Mode

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

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT80	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE 80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : GSM 850 Idle + Bluetooth Link + WLAN Link(5G) + USB Cable 2(Charging from Adapter1)

Ch. #		Band I：5180-5240 MHz	Band II：5260-5320 MHz	Band III：5500-5720MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I：5180-5240 MHz	Band II：5260-5320 MHz	Band III：5500-5720MHz
		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. #		Band I：5180-5240 MHz	Band II：5260-5320 MHz	Band III：5500-5720MHz
		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. #		Band I：5180-5240 MHz	Band II：5260-5320 MHz	Band III：5500-5720MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

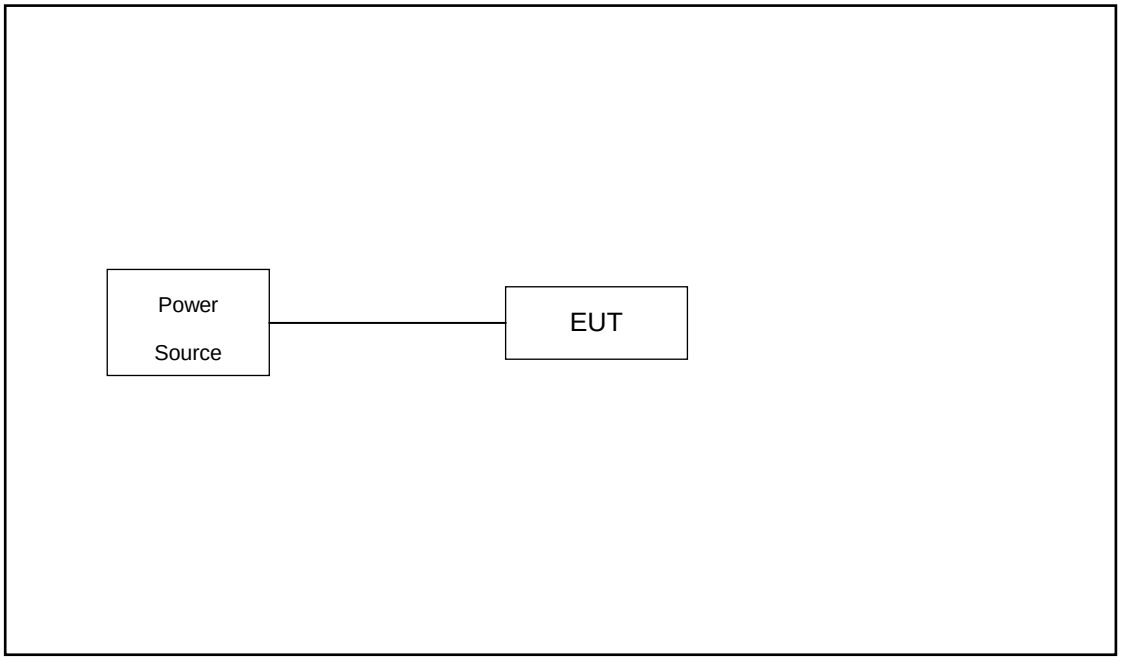
Ch. #		Band I：5180-5240 MHz	Band II：5260-5320 MHz	Band III：5500-5720MHz
		802.11ax HE20	8 802.11ax HE20	802.11ax HE20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I：5180-5240 MHz	Band II：5260-5320 MHz	Band III：5500-5720MHz
		802.11ax HE40	802.11ax HE40	802.11ax HE40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

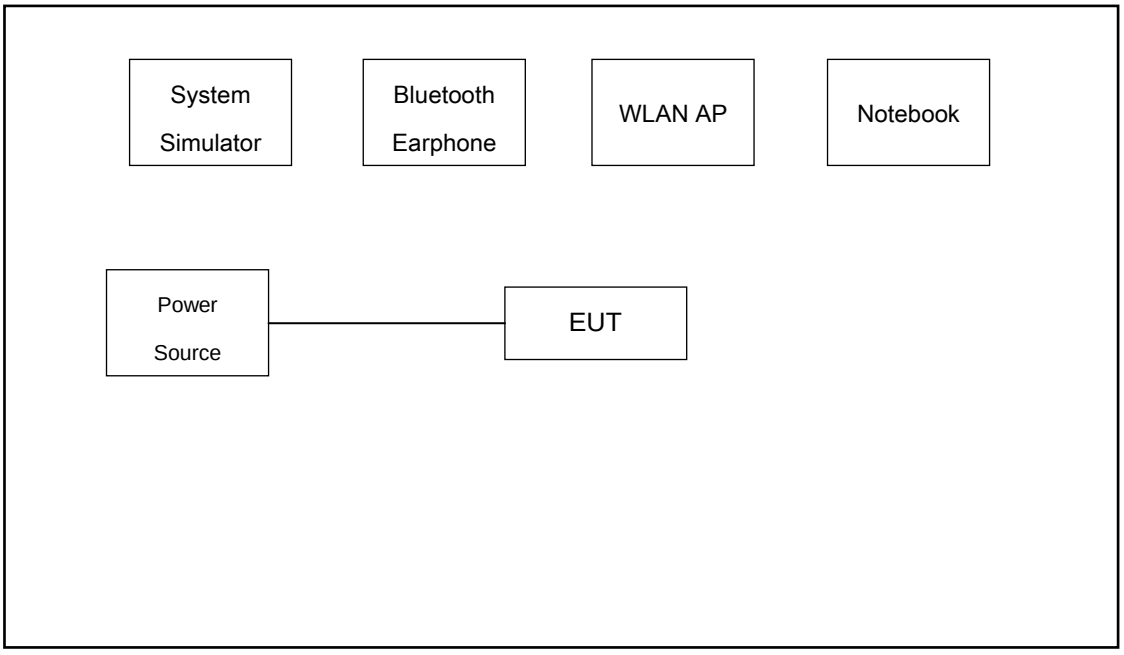
Ch. #		Band I：5180-5240 MHz	Band II：5260-5320 MHz	Band III：5500-5720MHz
		802.11ax HE80	802.11ax HE80	802.11ax HE80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

2.3 Connection Diagram of Test System

For Radiation



For Conducted Emission



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded,1.8m
2.	Bluetooth Earphone	Samsung	EO-MG900	N/A	N/A	N/A
3.	Notebook	Lenovo	E540	FCC DoC	N/A	AC I/P : Unshielded, 1.2m DC O/P：Shielded, 1.8m
4.	WLAN AP	D-Link	DIR-820L	KA2IR820LA1	N/A	Unshielded,1.8m

2.5 EUT Operation Test Setup

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

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

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 2.50 dB and 20dB attenuator.

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

= 2.50 + 20 = 22.50 (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

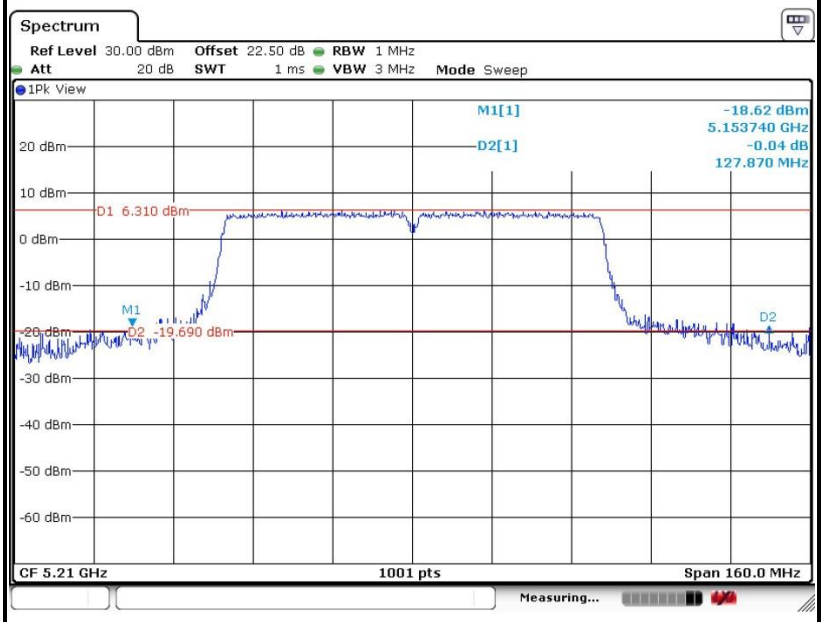
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB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

3.1.4 Test Setup

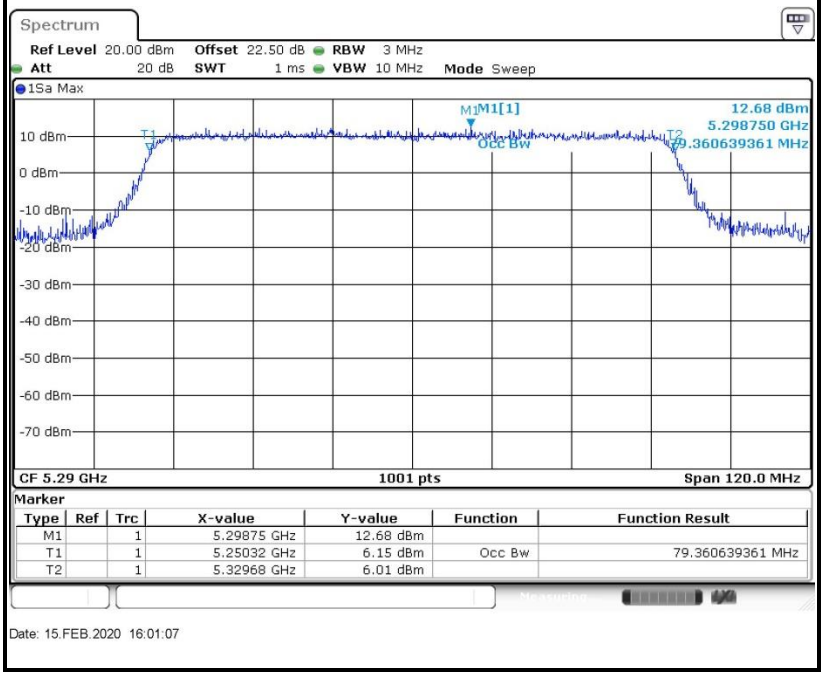
3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

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

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

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

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

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

3.2.2 Measuring Instruments

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

3.2.3 Test Procedures

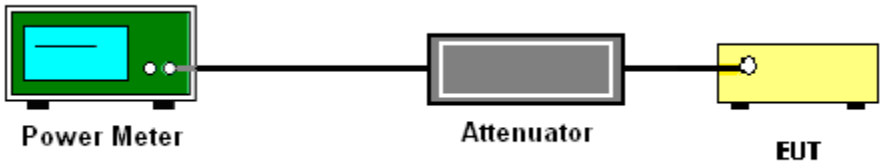
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

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

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

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

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

3.3.2 Measuring Instruments

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

3.3.3 Test Procedures

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

 # Method SA-2 #

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

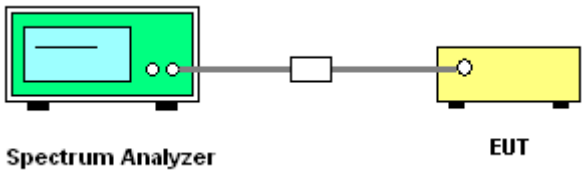
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 1 MHz.
- Set VBW ≥ 3 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x),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

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

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

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

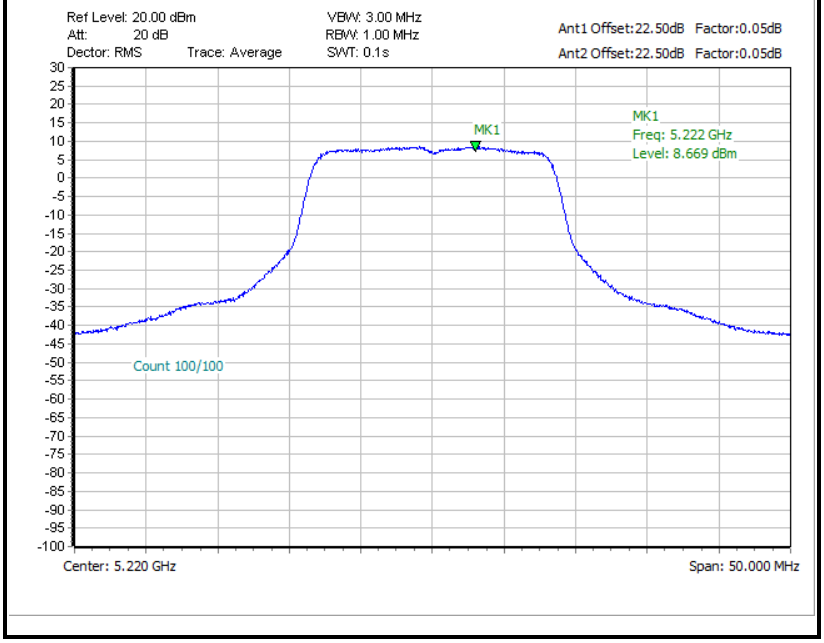
3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

Worst Case Power Density (dBm/MHz)



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.2

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

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

where

EIRP is the equivalent isotropically radiated power, in dBm

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

d_{Meas} is the measurement distance, in m

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

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

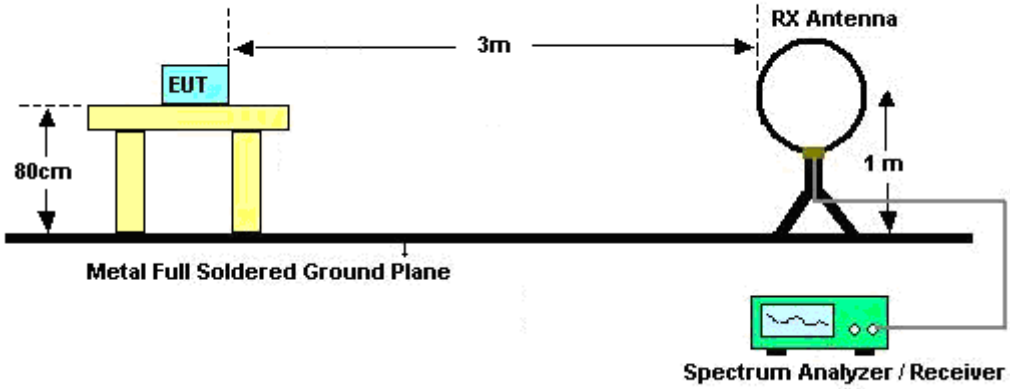
   (1) Procedure for Unwanted Emissions Measurements Below 1000MHz
   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz
   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

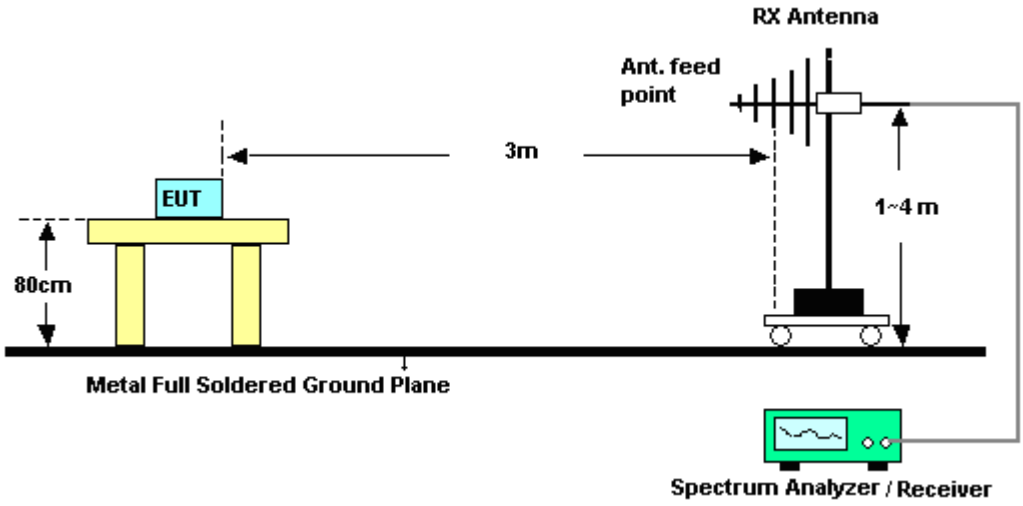
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT was arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
6. For testing below 1GHz, if the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the CISPR quasi-peak method and reported.
7. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

3.4.4 Test Setup

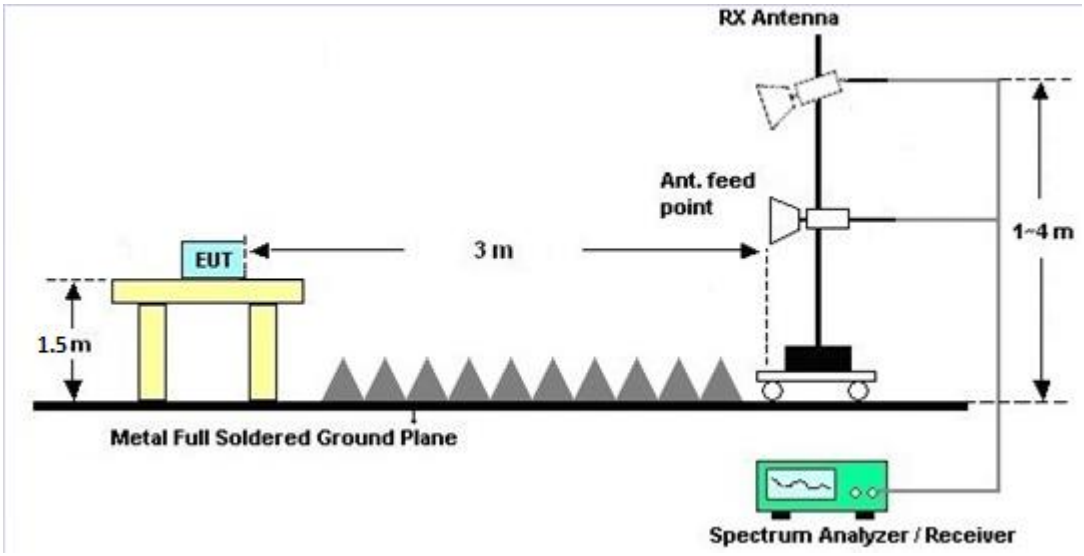
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

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

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Radiated Spurious Emissions (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

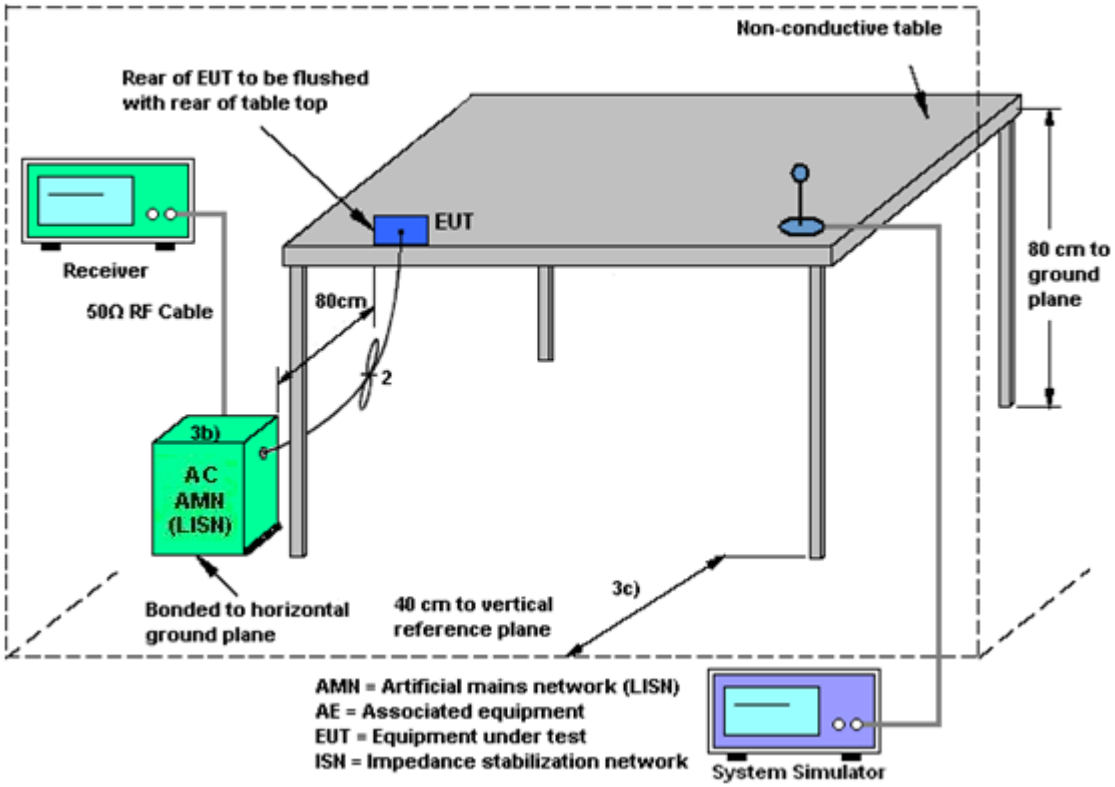
3.5.2 Measuring Instruments

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

3.5.3 Test Procedures

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

3.5.4 Test Setup



3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

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

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

	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. 18, 2019	Feb. 14, 2020~ Feb. 22, 2020	Apr. 17, 2020	Conducted (TH01-SZ)
Pulse Power Senor	Anritsu	MA2411B	1207253	30MHz~40GHz	Dec. 26, 2019	Feb. 14, 2020~ Feb. 22, 2020	Dec. 25, 2020	Conducted (TH01-SZ)
Power Meter	Anritsu	ML2495A	1218010	50MHz Bandwidth	Dec. 26, 2019	Feb. 14, 2020~ Feb. 22, 2020	Dec. 25, 2020	Conducted (TH01-SZ)
EMI Test Receiver&SA	KEYSIGHT	N9038A	MY54450083	20Hz~8.4GHz	Apr. 18, 2019	Feb. 02, 2020~ Mar. 05, 2020	Apr. 17, 2020	Radiation (03CH03-SZ)
EXA Spectrum Anaiyzer	KEYSIGHT	N9010A	MY55150246	10Hz~44GHz;	Apr. 18, 2019	Feb. 02, 2020~ Mar. 05, 2020	Apr. 17, 2020	Radiation (03CH03-SZ)
Loop Antenna	R&S	HFH2-Z2	100354	9kHz~30MHz	May 29, 2019	Feb. 02, 2020~ Mar. 05, 2020	May 28, 2020	Radiation (03CH03-SZ)
Bilog Antenna	TeseQ	CBL6112D	35408	30MHz-2GHz	Apr. 19, 2019	Feb. 02, 2020~ Mar. 05, 2020	Apr. 18, 2020	Radiation (03CH03-SZ)
Double Ridge Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-1355	1GHz~18GHz	Apr. 01, 2019	Feb. 02, 2020~ Mar. 05, 2020	Mar. 31, 2020	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 22, 2019	Feb. 02, 2020~ Mar. 05, 2020	Jul. 21, 2020	Radiation (03CH03-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18Ghz-40GHz	Apr. 18, 2019	Feb. 02, 2020~ Mar. 05, 2020	Apr. 17, 2020	Radiation (03CH03-SZ)
Amplifier	Burgeon	BPA-530	102210	0.01Hz ~3000MHz	Oct. 18, 2019	Feb. 02, 2020~ Mar. 05, 2020	Oct. 17, 2020	Radiation (03CH03-SZ)
HF Amplifier	MITEQ	AMF-7D-00101800-30-10P-R	1943528	1GHz~18GHz	Oct. 18, 2019	Feb. 02, 2020~ Mar. 05, 2020	Oct. 17, 2020	Radiation (03CH03-SZ)
Amplifier	Agilent Technologies	83017A	MY39501302	500MHz~26.5GHz	Dec. 23, 2019	Feb. 02, 2020~ Mar. 05, 2020	Dec. 22, 2020	Radiation (03CH03-SZ)
AC Power Source	Chroma	61601	616010001985	N/A	NCR	Feb. 02, 2020~ Mar. 05, 2020	NCR	Radiation (03CH03-SZ)
Turn Table	EM	EM1000	N/A	0~360 degree	NCR	Feb. 02, 2020~ Mar. 05, 2020	NCR	Radiation (03CH03-SZ)
EMI Receiver	R&S	ESR7	101630	9kHz~7GHz;	Dec. 26, 2019	Jan. 12, 2020	Dec. 25, 2020	Conduction (CO01-SZ)
AC LISN	EMCO	3816/2SH	00103912	9kHz~30MHz	Oct. 17, 2019	Jan. 12, 2020	Oct. 16, 2020	Conduction (CO01-SZ)
AC LISN (for auxiliary equipment)	EMCO	3816/2SH	00103892	9kHz~30MHz	Dec. 26, 2019	Jan. 12, 2020	Dec. 25, 2020	Conduction (CO01-SZ)
AC Power Source	Chroma	61602	616020000891	100Vac~250Vac	Jul. 23, 2019	Jan. 12, 2020	Jul. 22, 2020	Conduction (CO01-SZ)

NCR: No Calibration Required

5 Uncertainty of Evaluation

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.6dB**

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

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

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

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

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.6dB**

Appendix A. Conducted Test Results

Report Number : FR9N2009-01E

Test Engineer:	Zhang Jiang	Temperature:	21~25	°C
Test Date:	2020/2/14~2020/2/22	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	16.38	16.38	20.63	20.58	-		22.14			
11a	6Mbps	2	44	5220	16.38	16.38	20.48	20.93	-		22.14			
11a	6Mbps	2	48	5240	16.38	16.38	20.53	20.23	-		22.14			
HT20	MCS0	2	36	5180	18.08	18.23	41.46	45.65	-		22.57			
HT20	MCS0	2	44	5220	18.08	18.43	41.31	45.75	-		22.57			
HT20	MCS0	2	48	5240	18.03	18.28	40.51	44.31	-		22.56			
HT40	MCS0	2	38	5190	37.56	38.16	72.92	80.56	-		23.01			
HT40	MCS0	2	46	5230	37.36	37.96	72.56	78.22	-		23.01			
VHT80	MCS0	2	42	5210	77.68	77.80	91.75	127.87	-		23.01			
HE20	MCS0	2	36	5180	19.13	19.23	25.42	36.46	-		22.82			
HE20	MCS0	2	44	5220	19.08	19.28	25.52	40.46	-		22.81			
HE20	MCS0	2	48	5240	19.13	19.28	27.87	40.96	-		22.82			
HE40	MCS0	2	38	5190	38.56	38.86	47.02	79.03	-		23.01			
HE40	MCS0	2	46	5230	38.46	38.76	50.08	76.24	-		23.01			
HE80	MCS0	2	42	5210	79.12	79.24	87.11	90.47	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC Band I																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)			Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	36		5180	0.05	0.05	14.65	14.16	17.43	24.00		-3.00			Pass
11a	6Mbps	2	44		5220	0.05	0.05	14.68	14.55	17.63	24.00		-3.00			Pass
11a	6Mbps	2	48		5240	0.05	0.05	14.60	14.48	17.55	24.00		-3.00			Pass
HT20	MCS0	2	36		5180	0.00	0.00	14.11	13.83	16.98	24.00		-3.00			Pass
HT20	MCS0	2	44		5220	0.00	0.00	14.01	14.21	17.12	24.00		-3.00			Pass
HT20	MCS0	2	48		5240	0.00	0.00	13.82	14.15	17.00	24.00		-3.00			Pass
HT40	MCS0	2	38		5190	0.00	0.00	14.34	14.09	17.23	24.00		-3.00			Pass
HT40	MCS0	2	46		5230	0.00	0.00	14.23	14.26	17.26	24.00		-3.00			Pass
VHT20	MCS0	2	36		5180	0.00	0.00	14.06	13.80	16.94	24.00		-3.00			Pass
VHT20	MCS0	2	44		5220	0.00	0.00	13.94	14.13	17.05	24.00		-3.00			Pass
VHT20	MCS0	2	48		5240	0.00	0.00	13.76	14.11	16.95	24.00		-3.00			Pass
VHT40	MCS0	2	38		5190	0.00	0.00	14.30	14.02	17.17	24.00		-3.00			Pass
VHT40	MCS0	2	46		5230	0.00	0.00	14.16	14.23	17.21	24.00		-3.00			Pass
VHT80	MCS0	2	42		5210	0.00	0.00	13.22	13.43	16.34	24.00		-3.00			Pass
HE20	MCS0	2	36	Full	5180	0.00	0.00	14.33	14.06	17.21	24.00		-3.00			Pass
				26/0		0.00	0.00	6.86	6.99	9.94	24.00		-3.00			Pass
				26/4		0.00	0.00	7.01	7.23	10.13	24.00		-3.00			Pass
				26/8		0.00	0.00	7.02	7.10	10.07	24.00		-3.00			Pass
			44	Full	5220	0.00	0.00	14.42	14.16	17.30	24.00		-3.00			Pass
				26/0		0.00	0.00	7.02	7.10	10.07	24.00		-3.00			Pass
				26/4		0.00	0.00	6.93	7.30	10.13	24.00		-3.00			Pass
				26/8		0.00	0.00	6.80	7.12	9.97	24.00		-3.00			Pass
			48	Full	5240	0.00	0.00	14.37	14.11	17.25	24.00		-3.00			Pass
				26/0		0.00	0.00	7.00	7.20	10.11	24.00		-3.00			Pass
				26/4		0.00	0.00	7.04	7.45	10.26	24.00		-3.00			Pass
				26/8		0.00	0.00	6.95	7.23	10.10	24.00		-3.00			Pass
HE40	MCS0	2	38	Full	5190	0.00	0.00	13.61	13.16	16.40	24.00		-3.00			Pass
				26/0		0.00	0.00	4.51	4.30	7.42	24.00		-3.00			Pass
				26/8		0.00	0.00	4.90	4.93	7.93	24.00		-3.00			Pass
				26/17		0.00	0.00	4.47	4.40	7.45	24.00		-3.00			Pass
			46	Full	5230	0.00	0.00	14.42	14.29	17.37	24.00		-3.00			Pass
				26/0		0.00	0.00	4.53	4.50	7.53	24.00		-3.00			Pass
				26/8		0.00	0.00	4.71	5.00	7.87	24.00		-3.00			Pass
				26/17		0.00	0.00	4.41	4.46	7.45	24.00		-3.00			Pass
HE80	MCS0	2	42	Full	5210	0.00	0.00	13.20	13.05	16.14	24.00		-3.00			Pass
				26/0		0.00	0.00	1.40	1.92	4.68	24.00		-3.00			Pass
				26/18		0.00	0.00	1.73	2.36	5.07	24.00		-3.00			Pass
				26/36		0.00	0.00	1.42	2.20	4.84	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		5180	0.05	0.05			7.92	11.00		0.01			Pass
11a	6Mbps	2	44		5220	0.05	0.05			8.67	11.00		0.01			Pass
11a	6Mbps	2	48		5240	0.05	0.05			8.48	11.00		0.01			Pass
HT20	MCS0	2	36		5180	0.00	0.00			7.34	11.00		0.01			Pass
HT20	MCS0	2	44		5220	0.00	0.00			7.40	11.00		0.01			Pass
HT20	MCS0	2	48		5240	0.00	0.00			7.38	11.00		0.01			Pass
HT40	MCS0	2	38		5190	0.00	0.00			4.50	11.00		0.01			Pass
HT40	MCS0	2	46		5230	0.00	0.00			4.45	11.00		0.01			Pass
VHT80	MCS0	2	42		5210	0.00	0.00			0.35	11.00		0.01			Pass
HE20	MCS0	2	36	Full	5180	0.00	0.00			7.29	11.00		0.01			Pass
				26/0		0.00	0.00			6.62	11.00		0.01			Pass
				26/4		0.00	0.00			5.72	11.00		0.01			Pass
				26/8		0.00	0.00			6.32	11.00		0.01			Pass
HE20	MCS0	2	44	Full	5220	0.00	0.00			7.20	11.00		0.01			Pass
				26/0		0.00	0.00			6.58	11.00		0.01			Pass
				26/4		0.00	0.00			5.74	11.00		0.01			Pass
				26/8		0.00	0.00			6.69	11.00		0.01			Pass
HE20	MCS0	2	48	Full	5240	0.00	0.00			7.06	11.00		0.01			Pass
				26/0		0.00	0.00			6.60	11.00		0.01			Pass
				26/4		0.00	0.00			5.66	11.00		0.01			Pass
				26/8		0.00	0.00			6.63	11.00		0.01			Pass
HE40	MCS0	2	38	Full	5190	0.00	0.00			4.45	11.00		0.01			Pass
				26/0		0.00	0.00			3.69	11.00		0.01			Pass
				26/8		0.00	0.00			3.42	11.00		0.01			Pass
				26/17		0.00	0.00			3.62	11.00		0.01			Pass
HE40	MCS0	2	46	Full	5230	0.00	0.00			4.37	11.00		0.01			Pass
				26/0		0.00	0.00			3.45	11.00		0.01			Pass
				26/8		0.00	0.00			3.95	11.00		0.01			Pass
				26/17		0.00	0.00			3.31	11.00		0.01			Pass
HE80	MCS0	2	42	Full	5210	0.00	0.00			-0.01	11.00		0.01			Pass
				26/0		0.00	0.00			-0.87	11.00		0.01			Pass
				26/18		0.00	0.00			-0.36	11.00		0.01			Pass
				26/36		0.00	0.00			-0.78	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	16.38	16.38	20.43	20.38	23.14		29.14		23.98		
11a	6Mbps	2	60	5300	16.33	16.38	20.43	20.43	23.13		29.13		23.98		
11a	6Mbps	2	64	5320	16.33	16.38	20.63	20.33	23.13		29.13		23.98		
HT20	MCS0	2	52	5260	17.98	18.28	35.36	45.20	23.55		29.55		23.98		
HT20	MCS0	2	60	5300	18.03	18.23	41.41	43.71	23.56		29.56		23.98		
HT20	MCS0	2	64	5320	18.08	18.23	39.51	44.46	23.57		29.57		23.98		
HT40	MCS0	2	54	5270	37.46	37.86	60.96	83.98	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	37.26	37.76	68.42	78.31	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	77.80	77.80	95.74	113.01	23.98		30.00		23.98		
HE20	MCS0	2	52	5260	19.13	19.28	28.92	41.11	23.82		29.82		23.98		
HE20	MCS0	2	60	5300	19.13	19.23	30.07	35.81	23.82		29.82		23.98		
HE20	MCS0	2	64	5320	19.13	19.28	29.02	39.51	23.82		29.82		23.98		
HE40	MCS0	2	54	5270	38.36	38.66	46.66	67.43	23.98		30.00		23.98		
HE40	MCS0	2	62	5310	38.46	38.56	50.44	77.23	23.98		30.00		23.98		
HE80	MCS0	2	58	5290	79.12	79.36	86.47	96.38	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II																
Mod.	Data Rate	NTX	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52		5260	0.05	0.05	14.71	14.57	17.65	23.98		-3.00		26.99	Pass
11a	6Mbps	2	60		5300	0.05	0.05	14.69	14.66	17.69	23.98		-3.00		26.99	Pass
11a	6Mbps	2	64		5320	0.05	0.05	14.77	14.65	17.72	23.98		-3.00		26.99	Pass
HT20	MCS0	2	52		5260	0.00	0.00	14.16	14.23	17.21	23.98		-3.00		26.99	Pass
HT20	MCS0	2	60		5300	0.00	0.00	14.54	14.27	17.42	23.98		-3.00		26.99	Pass
HT20	MCS0	2	64		5320	0.00	0.00	14.83	14.33	17.60	23.98		-3.00		26.99	Pass
HT40	MCS0	2	54		5270	0.00	0.00	14.41	14.46	17.45	23.98		-3.00		26.99	Pass
HT40	MCS0	2	62		5310	0.00	0.00	13.53	13.53	16.54	23.98		-3.00		26.99	Pass
VHT20	MCS0	2	52		5260	0.00	0.00	14.13	14.20	17.18	23.98		-3.00		26.99	Pass
VHT20	MCS0	2	60		5300	0.00	0.00	14.50	14.22	17.37	23.98		-3.00		26.99	Pass
VHT20	MCS0	2	64		5320	0.00	0.00	14.81	14.30	17.57	23.98		-3.00		26.99	Pass
VHT40	MCS0	2	54		5270	0.00	0.00	14.34	14.41	17.39	23.98		-3.00		26.99	Pass
VHT40	MCS0	2	62		5310	0.00	0.00	13.51	13.50	16.52	23.98		-3.00		26.99	Pass
VHT80	MCS0	2	58		5290	0.00	0.00	11.29	11.12	14.22	23.98		-3.00		26.99	Pass
HE20	MCS0	2	52	Full	5260	0.00	0.00	14.36	14.25	17.32	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	7.05	7.30	10.19	23.98		-3.00		26.99	Pass
				26/4		0.00	0.00	6.92	7.53	10.25	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	6.83	7.27	10.07	23.98		-3.00		26.99	Pass
			60	Full	5300	0.00	0.00	14.49	14.26	17.39	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	6.91	7.60	10.28	23.98		-3.00		26.99	Pass
				26/4		0.00	0.00	6.81	7.82	10.35	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	6.84	7.65	10.27	23.98		-3.00		26.99	Pass
			64	Full	5320	0.00	0.00	14.60	14.27	17.45	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	7.06	7.20	10.14	23.98		-3.00		26.99	Pass
				26/4		0.00	0.00	7.01	7.41	10.22	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	6.91	7.26	10.10	23.98		-3.00		26.99	Pass
HE40	MCS0	2	54	Full	5270	0.00	0.00	14.51	14.60	17.57	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	4.11	4.61	7.38	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	4.50	5.11	7.83	23.98		-3.00		26.99	Pass
				26/17		0.00	0.00	4.05	4.63	7.36	23.98		-3.00		26.99	Pass
			62	Full	5310	0.00	0.00	12.95	12.72	15.85	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	4.30	4.61	7.47	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	4.50	5.00	7.77	23.98		-3.00		26.99	Pass
				26/17		0.00	0.00	3.98	4.44	7.23	23.98		-3.00		26.99	Pass
HE80	MCS0	2	58	Full	5290	0.00	0.00	13.23	13.10	16.18	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	1.71	2.31	5.03	23.98		-3.00		26.99	Pass
				26/18		0.00	0.00	1.52	2.52	5.06	23.98		-3.00		26.99	Pass
				26/36		0.00	0.00	1.00	2.11	4.60	23.98		-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
11a	6Mbps	2	52		5260	0.05	0.05		8.26	11.00	0.01		Pass
11a	6Mbps	2	60		5300	0.05	0.05		8.10	11.00	0.01		Pass
11a	6Mbps	2	64		5320	0.05	0.05		8.09	11.00	0.01		Pass
HT20	MCS0	2	52		5260	0.00	0.00		7.35	11.00	0.01		Pass
HT20	MCS0	2	60		5300	0.00	0.00		7.12	11.00	0.01		Pass
HT20	MCS0	2	64		5320	0.00	0.00		7.17	11.00	0.01		Pass
HT40	MCS0	2	54		5270	0.00	0.00		4.29	11.00	0.01		Pass
HT40	MCS0	2	62		5310	0.00	0.00		4.35	11.00	0.01		Pass
VHT80	MCS0	2	58		5290	0.00	0.00		0.01	11.00	0.01		Pass
HE20	MCS0	2	52	Full	5260	0.00	0.00		7.17	11.00	0.01		Pass
				26/0		0.00	0.00		6.66	11.00	0.01		Pass
				26/4		0.00	0.00		5.67	11.00	0.01		Pass
				26/8		0.00	0.00		6.39	11.00	0.01		Pass
HE20	MCS0	2	60	Full	5300	0.00	0.00		7.03	11.00	0.01		Pass
				26/0		0.00	0.00		6.64	11.00	0.01		Pass
				26/4		0.00	0.00		5.79	11.00	0.01		Pass
				26/8		0.00	0.00		6.48	11.00	0.01		Pass
HE20	MCS0	2	64	Full	5320	0.00	0.00		6.97	11.00	0.01		Pass
				26/0		0.00	0.00		6.61	11.00	0.01		Pass
				26/4		0.00	0.00		5.96	11.00	0.01		Pass
				26/8		0.00	0.00		6.66	11.00	0.01		Pass
HE40	MCS0	2	54	Full	5270	0.00	0.00		4.43	11.00	0.01		Pass
				26/0		0.00	0.00		3.30	11.00	0.01		Pass
				26/8		0.00	0.00		3.88	11.00	0.01		Pass
				26/17		0.00	0.00		3.33	11.00	0.01		Pass
HE40	MCS0	2	62	Full	5310	0.00	0.00		4.19	11.00	0.01		Pass
				26/0		0.00	0.00		3.02	11.00	0.01		Pass
				26/8		0.00	0.00		3.82	11.00	0.01		Pass
				26/17		0.00	0.00		3.36	11.00	0.01		Pass
HE80	MCS0	2	58	Full	5290	0.00	0.00		-0.16	11.00	0.01		Pass
				26/0		0.00	0.00		-0.51	11.00	0.01		Pass
				26/18		0.00	0.00		-0.23	11.00	0.01		Pass
				26/36		0.00	0.00		-1.02	11.00	0.01		Pass

TEST RESULTS DATA
26dB and 99% OBW

Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		Note
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	100	5500	16.33	16.38	20.58	20.53	23.13		29.13		23.98		
11a	6Mbps	2	116	5580	16.28	16.38	20.73	20.18	23.12		29.12		23.98		
11a	6Mbps	2	140	5700	16.33	16.38	20.53	20.23	23.13		29.13		23.98		
11a	6Mbps	2	144	5720	16.33	16.38	20.33	20.48	23.13		29.13		23.98		
HT20	MCS0	2	100	5500	18.08	18.08	40.86	41.91	23.57		29.57		23.98		
HT20	MCS0	2	116	5580	18.08	18.08	40.91	38.51	23.57		29.57		23.98		
HT20	MCS0	2	140	5700	18.03	18.13	40.31	42.01	23.56		29.56		23.98		
HT20	MCS0	2	144	5720	18.03	18.23	41.16	41.71	23.56		29.56		23.98		
HT40	MCS0	2	102	5510	37.66	37.56	75.08	82.18	23.98		30.00		23.98		
HT40	MCS0	2	110	5550	37.36	37.86	76.78	69.50	23.98		30.00		23.98		
HT40	MCS0	2	134	5670	37.46	37.46	68.69	76.60	23.98		30.00		23.98		
HT40	MCS0	2	142	5710	37.56	37.86	72.02	79.57	23.98		30.00		23.98		
VHT80	MCS0	2	106	5530	78.16	77.68	95.42	96.38	23.98		30.00		23.98		
VHT80	MCS0	2	122	5610	78.28	77.80	93.51	95.90	23.98		30.00		23.98		
VHT80	MCS0	2	138	5690	78.04	77.80	97.18	112.37	23.98		30.00		23.98		
HE20	MCS0	2	100	5500	19.13	19.23	28.02	35.22	23.82		29.82		23.98		
HE20	MCS0	2	116	5580	19.18	19.18	28.92	32.52	23.83		29.83		23.98		
HE20	MCS0	2	140	5700	19.13	19.23	28.17	32.42	23.82		29.82		23.98		
HE20	MCS0	2	144	5720	19.13	19.23	26.32	38.81	23.82		29.82		23.98		
HE40	MCS0	2	102	5510	38.36	38.66	49.54	65.81	23.98		30.00		23.98		
HE40	MCS0	2	110	5550	38.46	38.56	52.69	75.44	23.98		30.00		23.98		
HE40	MCS0	2	134	5670	38.46	38.66	51.34	63.57	23.98		30.00		23.98		
HE40	MCS0	2	142	5710	38.46	38.66	52.69	66.17	23.98		30.00		23.98		
HE80	MCS0	2	106	5530	79.00	79.24	87.27	86.15	23.98		30.00		23.98		
HE80	MCS0	2	122	5610	79.12	79.12	86.79	87.11	23.98		30.00		23.98		
HE80	MCS0	2	138	5690	79.24	79.24	87.43	87.27	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

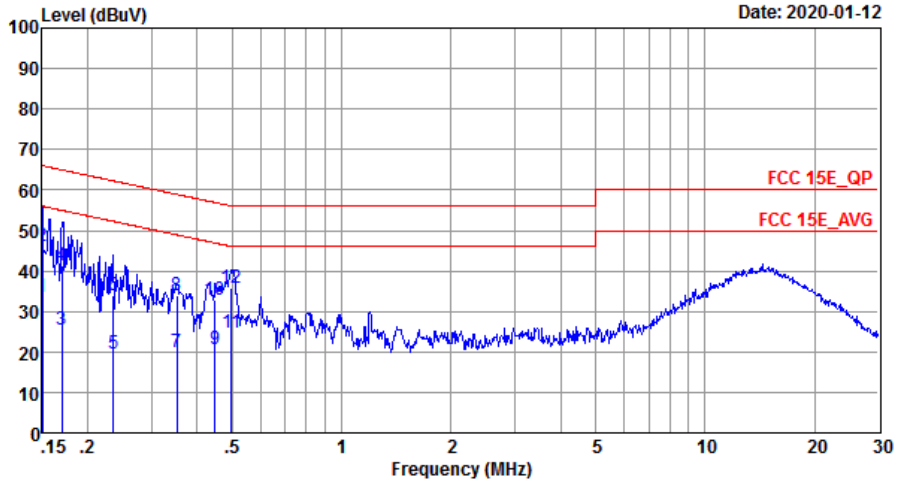
FCC Band III																
Mod.	Data Rate	NTx	CH.	RU Config	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
						Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100		5500	0.05	0.05	13.66	13.40	16.55	23.98		-3.00		26.99	Pass
11a	6Mbps	2	116		5580	0.05	0.05	13.67	12.76	16.25	23.98		-3.00		26.99	Pass
11a	6Mbps	2	140		5700	0.05	0.05	13.36	12.80	16.10	23.98		-3.00		26.99	Pass
11a	6Mbps	2	144		5720	0.05	0.05	13.18	12.82	16.02	23.98		-3.00		26.99	Pass
HT20	MCS0	2	100		5500	0.00	0.00	12.85	11.75	15.35	23.98		-3.00		26.99	Pass
HT20	MCS0	2	116		5580	0.00	0.00	13.80	12.31	16.13	23.98		-3.00		26.99	Pass
HT20	MCS0	2	140		5700	0.00	0.00	12.82	11.95	15.42	23.98		-3.00		26.99	Pass
HT20	MCS0	2	144		5720	0.00	0.00	13.13	12.70	15.93	23.98		-3.00		26.99	Pass
HT40	MCS0	2	102		5510	0.00	0.00	12.91	12.05	15.51	23.98		-3.00		26.99	Pass
HT40	MCS0	2	110		5550	0.00	0.00	13.84	12.46	16.21	23.98		-3.00		26.99	Pass
HT40	MCS0	2	134		5670	0.00	0.00	14.13	12.40	16.36	23.98		-3.00		26.99	Pass
HT40	MCS0	2	142		5710	0.00	0.00	14.39	12.40	16.52	23.98		-3.00		26.99	Pass
VHT20	MCS0	2	100		5500	0.00	0.00	12.83	11.70	15.31	23.98		-3.00		26.99	Pass
VHT20	MCS0	2	116		5580	0.00	0.00	13.72	12.15	16.02	23.98		-3.00		26.99	Pass
VHT20	MCS0	2	140		5700	0.00	0.00	12.80	11.91	15.39	23.98		-3.00		26.99	Pass
VHT20	MCS0	2	144		5720	0.00	0.00	13.10	12.63	15.88	23.98		-3.00		26.99	Pass
VHT40	MCS0	2	102		5510	0.00	0.00	12.87	12.02	15.48	23.98		-3.00		26.99	Pass
VHT40	MCS0	2	110		5550	0.00	0.00	13.80	12.41	16.17	23.98		-3.00		26.99	Pass
VHT40	MCS0	2	134		5670	0.00	0.00	14.10	12.34	16.32	23.98		-3.00		26.99	Pass
VHT40	MCS0	2	142		5710	0.00	0.00	14.33	12.31	16.45	23.98		-3.00		26.99	Pass
VHT80	MCS0	2	106		5530	0.00	0.00	12.42	12.16	15.30	23.98		-3.00		26.99	Pass
VHT80	MCS0	2	122		5610	0.00	0.00	12.22	11.92	15.08	23.98		-3.00		26.99	Pass
VHT80	MCS0	2	138		5690	0.00	0.00	12.15	11.99	15.08	23.98		-3.00		26.99	Pass
HE20	MCS0	2	100	Full	5500	0.00	0.00	13.34	12.86	16.12	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	5.75	6.46	9.13	23.98		-3.00		26.99	Pass
				26/4		0.00	0.00	5.70	6.58	9.17	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	5.68	6.32	9.02	23.98		-3.00		26.99	Pass
			116	Full	5580	0.00	0.00	13.52	12.51	16.05	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	6.10	6.10	9.11	23.98		-3.00		26.99	Pass
				26/4		0.00	0.00	6.05	6.25	9.16	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	6.00	6.06	9.04	23.98		-3.00		26.99	Pass
			140	Full	5700	0.00	0.00	11.39	10.87	14.15	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	5.90	5.40	8.67	23.98		-3.00		26.99	Pass
				26/4		0.00	0.00	5.83	5.55	8.70	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	5.85	5.51	8.69	23.98		-3.00		26.99	Pass
			144	Full	5720	0.00	0.00	13.08	12.58	15.85	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	5.82	5.97	8.91	23.98		-3.00		26.99	Pass
				26/4		0.00	0.00	5.94	6.30	9.13	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	5.90	6.19	9.06	23.98		-3.00		26.99	Pass
HE40	MCS0	2	102	Full	5510	0.00	0.00	13.75	13.23	16.51	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	2.91	3.44	6.19	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	3.50	3.91	6.72	23.98		-3.00		26.99	Pass
				26/17		0.00	0.00	3.11	3.46	6.30	23.98		-3.00		26.99	Pass
			110	Full	5550	0.00	0.00	13.49	12.69	16.12	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	3.22	3.34	6.29	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	3.60	3.92	6.77	23.98		-3.00		26.99	Pass
				26/17		0.00	0.00	3.36	3.41	6.40	23.98		-3.00		26.99	Pass
			134	Full	5670	0.00	0.00	13.36	12.57	15.99	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	3.40	3.01	6.22	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	3.94	3.65	6.81	23.98		-3.00		26.99	Pass
				26/17		0.00	0.00	3.53	3.16	6.36	23.98		-3.00		26.99	Pass
			142	Full	5710	0.00	0.00	13.03	12.71	15.88	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	3.30	3.16	6.24	23.98		-3.00		26.99	Pass
				26/8		0.00	0.00	3.72	3.54	6.64	23.98		-3.00		26.99	Pass
				26/17		0.00	0.00	3.46	3.23	6.36	23.98		-3.00		26.99	Pass
HE80	MCS0	2	106	Full	5530	0.00	0.00	12.72	11.84	15.31	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	0.10	1.01	3.59	23.98		-3.00		26.99	Pass
				26/18		0.00	0.00	0.62	0.95	3.80	23.98		-3.00		26.99	Pass
				26/36		0.00	0.00	0.43	0.72	3.59	23.98		-3.00		26.99	Pass
			122	Full	5610	0.00	0.00	12.31	11.30	14.84	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	0.10	0.63	3.38	23.98		-3.00		26.99	Pass
				26/18		0.00	0.00	0.50	0.79	3.66	23.98		-3.00		26.99	Pass
				26/36		0.00	0.00	0.35	0.50	3.44	23.98		-3.00		26.99	Pass
			138	Full	5690	0.00	0.00	12.01	11.21	14.64	23.98		-3.00		26.99	Pass
				26/0		0.00	0.00	0.15	0.61	3.40	23.98		-3.00		26.99	Pass
				26/18		0.00	0.00	0.46	0.74	3.61	23.98		-3.00		26.99	Pass
				26/36		0.00	0.00	0.23	0.53	3.39	23.98		-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		5500	0.05	0.05			8.05	11.00		0.01			Pass
11a	6Mbps	2	116		5580	0.05	0.05			8.11	11.00		0.01			Pass
11a	6Mbps	2	140		5700	0.05	0.05			7.69	11.00		0.01			Pass
11a	6Mbps	2	144		5720	0.05	0.05			7.79	11.00		0.01			Pass
HT20	MCS0	2	100		5500	0.00	0.00			7.24	11.00		0.01			Pass
HT20	MCS0	2	116		5580	0.00	0.00			7.46	11.00		0.01			Pass
HT20	MCS0	2	140		5700	0.00	0.00			7.18	11.00		0.01			Pass
HT20	MCS0	2	144		5720	0.00	0.00			7.23	11.00		0.01			Pass
HT40	MCS0	2	102		5510	0.00	0.00			4.41	11.00		0.01			Pass
HT40	MCS0	2	110		5550	0.00	0.00			4.37	11.00		0.01			Pass
HT40	MCS0	2	134		5670	0.00	0.00			4.28	11.00		0.01			Pass
HT40	MCS0	2	142		5710	0.00	0.00			4.34	11.00		0.01			Pass
VHT80	MCS0	2	106		5530	0.00	0.00			-0.09	11.00		0.01			Pass
VHT80	MCS0	2	122		5610	0.00	0.00			-0.21	11.00		0.01			Pass
VHT80	MCS0	2	138		5690	0.00	0.00			-0.24	11.00		0.01			Pass
HE20	MCS0	2	100	Full	5500	0.00	0.00			6.90	11.00		0.01			Pass
				26/0		0.00	0.00			6.66	11.00		0.01			Pass
				26/4		0.00	0.00			5.71	11.00		0.01			Pass
				26/8		0.00	0.00			6.67	11.00		0.01			Pass
HE20	MCS0	2	116	Full	5580	0.00	0.00			6.94	11.00		0.01			Pass
				26/0		0.00	0.00			6.78	11.00		0.01			Pass
				26/4		0.00	0.00			5.98	11.00		0.01			Pass
				26/8		0.00	0.00			6.89	11.00		0.01			Pass
HE20	MCS0	2	140	Full	5700	0.00	0.00			6.69	11.00		0.01			Pass
				26/0		0.00	0.00			6.26	11.00		0.01			Pass
				26/4		0.00	0.00			5.48	11.00		0.01			Pass
				26/8		0.00	0.00			6.27	11.00		0.01			Pass
HE20	MCS0	2	144	Full	5720	0.00	0.00			6.91	11.00		0.01			Pass
				26/0		0.00	0.00			6.80	11.00		0.01			Pass
				26/4		0.00	0.00			5.75	11.00		0.01			Pass
				26/8		0.00	0.00			6.74	11.00		0.01			Pass
HE40	MCS0	2	102	Full	5510	0.00	0.00			4.03	11.00		0.01			Pass
				26/0		0.00	0.00			3.10	11.00		0.01			Pass
				26/8		0.00	0.00			3.54	11.00		0.01			Pass
				26/17		0.00	0.00			3.40	11.00		0.01			Pass
HE40	MCS0	2	110	Full	5550	0.00	0.00			4.21	11.00		0.01			Pass
				26/0		0.00	0.00			3.19	11.00		0.01			Pass
				26/8		0.00	0.00			3.75	11.00		0.01			Pass
				26/17		0.00	0.00			3.35	11.00		0.01			Pass
HE40	MCS0	2	134	Full	5670	0.00	0.00			4.01	11.00		0.01			Pass
				26/0		0.00	0.00			3.11	11.00		0.01			Pass
				26/8		0.00	0.00			3.50	11.00		0.01			Pass
				26/17		0.00	0.00			2.94	11.00		0.01			Pass
HE40	MCS0	2	142	Full	5710	0.00	0.00			4.03	11.00		0.01			Pass
				26/0		0.00	0.00			2.91	11.00		0.01			Pass
				26/8		0.00	0.00			3.42	11.00		0.01			Pass
				26/17		0.00	0.00			2.82	11.00		0.01			Pass
HE80	MCS0	2	106	Full	5530	0.00	0.00			-0.23	11.00		0.01			Pass
				26/0		0.00	0.00			-0.83	11.00		0.01			Pass
				26/18		0.00	0.00			-0.45	11.00		0.01			Pass
				26/36		0.00	0.00			-0.51	11.00		0.01			Pass
HE80	MCS0	2	122	Full	5610	0.00	0.00			-0.41	11.00		0.01			Pass
				26/0		0.00	0.00			-0.78	11.00		0.01			Pass
				26/18		0.00	0.00			-0.50	11.00		0.01			Pass
				26/36		0.00	0.00			-1.15	11.00		0.01			Pass
HE80	MCS0	2	138	Full	5690	0.00	0.00			-0.33	11.00		0.01			Pass
				26/0		0.00	0.00			-1.24	11.00		0.01			Pass
				26/18		0.00	0.00			-0.66	11.00		0.01			Pass
				26/36		0.00	0.00			-1.10	11.00		0.01			Pass

Appendix B. AC Conducted Emission Test Results

Test Engineer :	LiuDaLin	**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.		

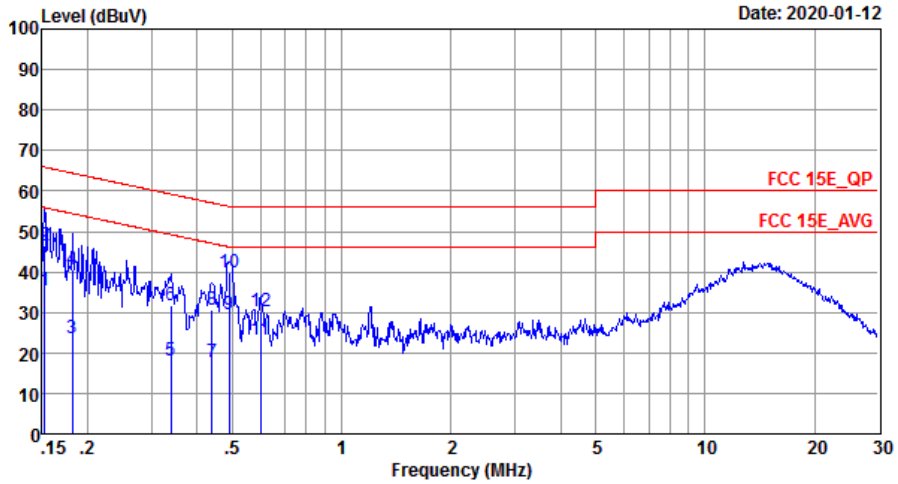


Site : CO01-SZ
Condition: FCC 15E_QP LISN_20190719_L LINE

IMEI : 865422040025876/865422040025868

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.15	33.54	-22.46	56.00	23.50	0.03	10.01	Average
2	*	0.15	46.04	-19.96	66.00	36.00	0.03	10.01	QP
3		0.17	25.44	-29.50	54.94	15.40	0.03	10.01	Average
4		0.17	41.34	-23.60	64.94	31.30	0.03	10.01	QP
5		0.24	19.74	-32.52	52.26	9.70	0.03	10.01	Average
6		0.24	33.84	-28.42	62.26	23.80	0.03	10.01	QP
7		0.35	20.04	-28.87	48.91	10.00	0.03	10.01	Average
8		0.35	33.94	-24.97	58.91	23.90	0.03	10.01	QP
9		0.45	20.76	-26.13	46.89	10.70	0.02	10.04	Average
10		0.45	32.96	-23.93	56.89	22.90	0.02	10.04	QP
11		0.50	24.68	-21.37	46.05	14.60	0.02	10.06	Average
12		0.50	35.88	-20.17	56.05	25.80	0.02	10.06	QP

Test Engineer :	LiuDaLin	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_20190719_N NEUTRAL

IMEI : 865422040025876/865422040025868

		Freq	Level	Over Limit	Limit Line	Read Level	LISN Factor	Cable Loss	Remark
		MHz	dBuV	dB	dBuV	dBuV	dB	dB	
1		0.15	35.44	-20.43	55.87	25.40	0.03	10.01	Average
2		0.15	46.44	-19.43	65.87	36.40	0.03	10.01	QP
3		0.18	23.74	-30.68	54.42	13.70	0.03	10.01	Average
4		0.18	40.44	-23.98	64.42	30.40	0.03	10.01	QP
5		0.34	18.14	-31.08	49.22	8.10	0.03	10.01	Average
6		0.34	31.64	-27.58	59.22	21.60	0.03	10.01	QP
7		0.44	17.85	-29.22	47.07	7.80	0.02	10.03	Average
8		0.44	30.75	-26.32	57.07	20.70	0.02	10.03	QP
9		0.49	29.48	-16.66	46.14	19.40	0.02	10.06	Average
10	*	0.49	39.68	-16.46	56.14	29.60	0.02	10.06	QP
11		0.60	23.19	-22.81	46.00	13.10	0.02	10.07	Average
12		0.60	30.19	-25.81	56.00	20.10	0.02	10.07	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

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150.02	51.48	-16.72	68.2	47.01	31.36	7.94	34.83	211	29	P	H
		5150	44.48	-9.52	54	40.01	31.36	7.94	34.83	211	29	A	H
		5180	106.44	-	-	101.89	31.38	8	34.83	211	29	P	H
		5180	100.24	-	-	95.69	31.38	8	34.83	211	29	A	H
		5150.02	49.22	-18.98	68.2	44.75	31.36	7.94	34.83	204	345	P	V
		5150	44.01	-9.99	54	39.54	31.36	7.94	34.83	204	345	A	V
		5180	105.23	-	-	100.68	31.38	8	34.83	204	345	P	V
		5180	100.18	-	-	95.63	31.38	8	34.83	204	345	A	V
802.11a CH 44 5220MHz		5039.78	45.94	-28.06	74	41.6	31.32	7.83	34.81	168	29	P	H
		5138.58	36.48	-17.52	54	32.01	31.36	7.94	34.83	168	29	A	H
		5220	108.65	-	-	104.04	31.4	8.06	34.85	168	29	P	H
		5220	102.13	-	-	97.52	31.4	8.06	34.85	168	29	A	H
		5440.96	45.19	-28.81	74	40.62	31.5	7.96	34.89	168	29	P	H
		5446	35.19	-18.81	54	30.61	31.51	7.96	34.89	168	29	A	H
		5149.76	46.22	-27.78	74	41.75	31.36	7.94	34.83	190	346	P	V
		5139.88	36.43	-17.57	54	31.96	31.36	7.94	34.83	190	346	A	V
		5220	107.16	-	-	102.55	31.4	8.06	34.85	190	346	P	V
		5220	102.26	-	-	97.65	31.4	8.06	34.85	190	346	A	V
		5455.24	44.35	-29.65	74	39.77	31.51	7.96	34.89	190	346	P	V
		5447.68	35.21	-18.79	54	30.63	31.51	7.96	34.89	190	346	A	V

802.11a CH 48 5240MHz		5062.92	45.2	-28.8	74	40.86	31.32	7.83	34.81	191	29	P	H
		5081.9	36.13	-17.87	54	31.72	31.33	7.89	34.81	191	29	A	H
		5240	108.42	-	-	103.81	31.41	8.05	34.85	191	29	P	H
		5240	101.5	-	-	96.89	31.41	8.05	34.85	191	29	A	H
		5444.04	43.94	-30.06	74	39.37	31.5	7.96	34.89	191	29	P	H
		5447.12	35.12	-18.88	54	30.54	31.51	7.96	34.89	191	29	A	H
		5085.54	47.37	-26.63	74	42.96	31.33	7.89	34.81	225	342	P	V
		5088.14	36.4	-17.6	54	32	31.33	7.89	34.82	225	342	A	V
		5240	108.41	-	-	103.8	31.41	8.05	34.85	225	342	P	V
		5240	102.26	-	-	97.65	31.41	8.05	34.85	225	342	A	V
		5451.04	45.19	-28.81	74	40.61	31.51	7.96	34.89	225	342	P	V
		5444.32	35.18	-18.82	54	30.61	31.5	7.96	34.89	225	342	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	47.01	-21.19	68.2	52.82	39.84	13.34	58.99	152	260	P	H
		15540	47.33	-26.67	74	52.27	38.85	15.14	58.93	189	238	P	H
		10360	47.5	-20.7	68.2	53.31	39.84	13.34	58.99	152	260	P	V
		15540	46.86	-27.14	74	51.8	38.85	15.14	58.93	189	238	P	V
802.11a CH 44 5220MHz		10440	47.82	-20.38	68.2	53.46	39.93	13.35	58.92	150	230	P	H
		15660	47.26	-26.74	74	52.82	38.32	15.18	59.06	160	225	P	H
		10440	47.05	-21.15	68.2	52.69	39.93	13.35	58.92	150	230	P	V
		15660	47.59	-26.41	74	53.15	38.32	15.18	59.06	160	225	P	V
802.11a CH 48 5240MHz		10480	47.89	-20.31	68.2	53.41	39.99	13.35	58.86	150	289	P	H
		15720	47.56	-26.44	74	53.48	38.01	15.19	59.12	150	291	P	H
		10480	47.01	-21.19	68.2	52.53	39.99	13.35	58.86	150	289	P	V
		15720	47.06	-26.94	74	52.98	38.01	15.19	59.12	150	291	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.68	65.18	-8.82	74	60.71	31.36	7.94	34.83	215	29	P	H
		5150	50.58	-3.42	54	46.11	31.36	7.94	34.83	215	29	A	H
802.11n		5180	106.17	-	-	101.62	31.38	8	34.83	215	29	P	H
HT20		5180	101.13	-	-	96.58	31.38	8	34.83	215	29	A	H
CH 36		5149.76	61.26	-12.74	74	56.79	31.36	7.94	34.83	214	343	P	V
5180MHz		5150	47.89	-6.11	54	43.42	31.36	7.94	34.83	214	343	A	V
		5180	102.81	-	-	98.26	31.38	8	34.83	214	343	P	V
		5180	97.35	-	-	92.8	31.38	8	34.83	214	343	A	V
		5138.58	51.85	-22.15	74	47.38	31.36	7.94	34.83	232	29	P	H
		5150	37.83	-16.17	54	33.36	31.36	7.94	34.83	232	29	A	H
		5220	109.1	-	-	104.49	31.4	8.06	34.85	232	29	P	H
		5220	101.97	-	-	97.36	31.4	8.06	34.85	232	29	A	H
802.11n		5443.76	44.78	-29.22	74	40.21	31.5	7.96	34.89	232	29	P	H
HT20		5446.28	35.14	-18.86	54	30.56	31.51	7.96	34.89	232	29	A	H
CH 44		5142.22	50.74	-23.26	74	46.27	31.36	7.94	34.83	194	344	P	V
5220MHz		5150	37.06	-16.94	54	32.59	31.36	7.94	34.83	194	344	A	V
		5220	104.13	-	-	99.52	31.4	8.06	34.85	194	344	P	V
		5220	99.24	-	-	94.63	31.4	8.06	34.85	194	344	A	V
		5459.44	44.72	-29.28	74	40.14	31.51	7.96	34.89	194	344	P	V
		5447.4	35.08	-18.92	54	30.5	31.51	7.96	34.89	194	344	A	V

		5145.86	45.88	-28.12	74	41.41	31.36	7.94	34.83	245	28	P	H
		5078.52	36.06	-17.94	54	31.65	31.33	7.89	34.81	245	28	A	H
		5240	108.73	-	-	104.12	31.41	8.05	34.85	245	28	P	H
		5240	102.24	-	-	97.63	31.41	8.05	34.85	245	28	A	H
802.11n		5370.4	44.97	-29.03	74	40.36	31.47	8.02	34.88	245	28	P	H
HT20		5444.32	35.11	-18.89	54	30.54	31.5	7.96	34.89	245	28	A	H
CH 48		5004.68	45.92	-28.08	74	41.65	31.3	7.77	34.8	193	345	P	V
5240MHz		5083.2	36.11	-17.89	54	31.7	31.33	7.89	34.81	193	345	A	V
		5240	104.23	-	-	99.62	31.41	8.05	34.85	193	345	P	V
		5240	98.29	-	-	93.68	31.41	8.05	34.85	193	345	A	V
		5447.12	44.57	-29.43	74	39.99	31.51	7.96	34.89	193	345	P	V
		5447.12	35.08	-18.92	54	30.5	31.51	7.96	34.89	193	345	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 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10360	47.1	-21.1	68.2	52.91	39.84	13.34	58.99	152	260	P	H
HT20		15540	47.59	-26.41	74	52.53	38.85	15.14	58.93	189	238	P	H
CH 36		10360	47.89	-20.31	68.2	53.7	39.84	13.34	58.99	152	260	P	V
5180MHz		15540	47.44	-26.56	74	52.38	38.85	15.14	58.93	189	238	P	V
802.11n		10440	47.44	-20.76	68.2	53.08	39.93	13.35	58.92	150	230	P	H
HT20		15660	46.96	-27.04	74	52.52	38.32	15.18	59.06	160	225	P	H
CH 44		10440	47.78	-20.42	68.2	53.42	39.93	13.35	58.92	150	230	P	V
5220MHz		15660	47.77	-26.23	74	53.33	38.32	15.18	59.06	160	225	P	V
802.11n		10480	47.13	-21.07	68.2	52.65	39.99	13.35	58.86	150	289	P	H
HT20		15720	47.87	-26.13	74	53.79	38.01	15.19	59.12	150	291	P	H
CH 48		10480	47.72	-20.48	68.2	53.24	39.99	13.35	58.86	150	289	P	V
5240MHz		15720	47.22	-26.78	74	53.14	38.01	15.19	59.12	150	291	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5149.76	66.76	-7.24	74	62.29	31.36	7.94	34.83	236	36	P	H
		5148.72	50.58	-3.42	54	46.11	31.36	7.94	34.83	236	36	A	H
		5190	103.09	-	-	98.55	31.38	8	34.84	236	36	P	H
		5190	96.23	-	-	91.69	31.38	8	34.84	236	36	A	H
		5440.96	44.05	-29.95	74	39.48	31.5	7.96	34.89	236	36	P	H
		5444.04	35.03	-18.97	54	30.46	31.5	7.96	34.89	236	36	A	H
		5148.72	63.35	-10.65	74	58.88	31.36	7.94	34.83	236	337	P	V
		5150	48.25	-5.75	54	43.78	31.36	7.94	34.83	236	337	A	V
		5190	98.07	-	-	93.53	31.38	8	34.84	236	337	P	V
		5190	90.8	-	-	86.26	31.38	8	34.84	236	337	A	V
		5396.16	43.49	-30.51	74	38.87	31.49	8.01	34.88	236	337	P	V
		5459.16	35.09	-18.91	54	30.51	31.51	7.96	34.89	236	337	A	V
802.11n HT40 CH 46 5230MHz		5138.58	58.87	-15.13	74	54.4	31.36	7.94	34.83	239	30	P	H
		5150	46.66	-7.34	54	42.19	31.36	7.94	34.83	239	30	A	H
		5230	106.17	-	-	101.55	31.41	8.06	34.85	239	30	P	H
		5230	98.82	-	-	94.2	31.41	8.06	34.85	239	30	A	H
		5356.08	48.13	-25.87	74	43.52	31.46	8.02	34.87	239	30	P	H
		5350.32	37.34	-16.66	54	32.73	31.46	8.02	34.87	239	30	A	H
		5138.58	56.16	-17.84	74	51.69	31.36	7.94	34.83	236	337	P	V
		5149.76	46	-8	54	41.53	31.36	7.94	34.83	236	337	A	V
		5230	102.27	-	-	97.65	31.41	8.06	34.85	236	337	P	V
		5230	94.17	-	-	89.55	31.41	8.06	34.85	236	337	A	V
		5364.72	50.05	-23.95	74	45.44	31.47	8.02	34.88	236	337	P	V
		5350.08	37.24	-16.76	54	32.63	31.46	8.02	34.87	236	337	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10380	47.62	-20.58	68.2	53.38	39.87	13.34	58.97	150	360	P	H
HT 40		15570	47.32	-26.68	74	52.44	38.7	15.15	58.97	155	360	P	H
CH 38		10380	47.95	-20.25	68.2	53.71	39.87	13.34	58.97	150	360	P	V
5190MHz		15570	47.91	-26.09	74	53.03	38.7	15.15	58.97	155	360	P	V
802.11n		10460	47.38	-20.82	68.2	52.98	39.95	13.35	58.9	150	360	P	H
HT 40		15690	47.5	-26.5	74	53.23	38.17	15.19	59.09	150	225	P	H
CH 46		10460	47.35	-20.85	68.2	52.95	39.95	13.35	58.9	150	360	P	V
5230MHz		15690	47.65	-26.35	74	53.38	38.17	15.19	59.09	150	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.46	58.36	-15.64	74	53.89	31.36	7.94	34.83	233	37	P	H
		5150	46.88	-7.12	54	42.41	31.36	7.94	34.83	233	37	A	H
		5210	96.05	-	-	91.43	31.4	8.06	34.84	233	37	P	H
		5210	88.22	-	-	83.6	31.4	8.06	34.84	233	37	A	H
802.11ac		5352	46.32	-27.68	74	41.71	31.46	8.02	34.87	233	37	P	H
VHT80		5350.08	35.7	-18.3	54	31.09	31.46	8.02	34.87	233	37	A	H
CH 42		5132.86	61.82	-12.18	74	57.35	31.36	7.94	34.83	218	341	P	V
5210MHz		5150	46.16	-7.84	54	41.69	31.36	7.94	34.83	218	341	A	V
		5210	94.5	-	-	89.88	31.4	8.06	34.84	218	341	P	V
		5210	86.93	-	-	82.31	31.4	8.06	34.84	218	341	A	V
		5390.4	44.96	-29.04	74	40.35	31.48	8.01	34.88	218	341	P	V
		5350.56	36.11	-17.89	54	31.5	31.46	8.02	34.87	218	341	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10420	47.55	-20.65	68.2	53.22	39.91	13.35	58.93	150	360	P	H
VHT80		15630	46.27	-27.73	74	51.76	38.39	15.16	59.04	150	225	P	H
CH 42		10420	47.47	-20.73	68.2	53.14	39.91	13.35	58.93	150	360	P	V
5210MHz		15630	47.27	-26.73	74	52.76	38.39	15.16	59.04	150	225	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

WIFI 802.11ax HE20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5146.64	60.48	-13.52	74	56.01	31.36	7.94	34.83	254	33	P	H
		5150	49.12	-4.88	54	44.65	31.36	7.94	34.83	254	33	A	H
802.11ax		5180	103.75	-	-	99.2	31.38	8	34.83	254	33	P	H
HE20		5180	95.8	-	-	91.25	31.38	8	34.83	254	33	A	H
CH 36		5147.68	62.22	-11.78	74	57.75	31.36	7.94	34.83	253	340	P	V
5180MHz		5149.76	48.81	-5.19	54	44.34	31.36	7.94	34.83	253	340	A	V
		5180	102.26	-	-	97.71	31.38	8	34.83	253	340	P	V
		5180	95.03	-	-	90.48	31.38	8	34.83	253	340	A	V
		5140.14	47.04	-26.96	74	42.57	31.36	7.94	34.83	255	31	P	H
		5150	36.93	-17.07	54	32.46	31.36	7.94	34.83	255	31	A	H
		5220	105.76	-	-	101.15	31.4	8.06	34.85	255	31	P	H
		5220	98.05	-	-	93.44	31.4	8.06	34.85	255	31	A	H
802.11ax		5436.96	44.32	-29.68	74	39.75	31.5	7.96	34.89	255	31	P	H
HE20		5445.36	35.04	-18.96	54	30.47	31.5	7.96	34.89	255	31	A	H
CH 44		5148.2	47.81	-26.19	74	43.34	31.36	7.94	34.83	253	340	P	V
5220MHz		5150	36.85	-17.15	54	32.38	31.36	7.94	34.83	253	340	A	V
		5220	103.72	-	-	99.11	31.4	8.06	34.85	253	340	P	V
		5220	96.96	-	-	92.35	31.4	8.06	34.85	253	340	A	V
		5353.92	44.43	-29.57	74	39.82	31.46	8.02	34.87	253	340	P	V
		5445.12	35.01	-18.99	54	30.44	31.5	7.96	34.89	253	340	A	V

		5054.08	46.1	-27.9	74	41.76	31.32	7.83	34.81	255	31	P	H
		5019.24	35.96	-18.04	54	31.7	31.3	7.77	34.81	255	31	A	H
		5240	107.6	-	-	102.99	31.41	8.05	34.85	255	31	P	H
		5240	99.29	-	-	94.68	31.41	8.05	34.85	255	31	A	H
802.11ax		5428.8	44.11	-29.89	74	39.54	31.5	7.96	34.89	255	31	P	H
HE20		5446.32	35.02	-18.98	54	30.44	31.51	7.96	34.89	255	31	A	H
CH 48		5063.7	46.04	-27.96	74	41.7	31.32	7.83	34.81	255	340	P	V
5240MHz		5006.24	35.96	-18.04	54	31.69	31.3	7.77	34.8	255	340	A	V
		5240	104.6	-	-	99.99	31.41	8.05	34.85	255	340	P	V
		5240	97.22	-	-	92.61	31.41	8.05	34.85	255	340	A	V
		5363.76	44.54	-29.46	74	39.93	31.47	8.02	34.88	255	340	P	V
		5445.12	35	-19	54	30.43	31.5	7.96	34.89	255	340	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 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10360	47.56	-20.64	68.2	53.37	39.84	13.34	58.99	152	260	P	H
HE20		15540	47.41	-26.59	74	52.35	38.85	15.14	58.93	189	238	P	H
CH 36		10360	47.3	-20.9	68.2	53.11	39.84	13.34	58.99	152	260	P	V
5180MHz		15540	47.12	-26.88	74	52.06	38.85	15.14	58.93	189	238	P	V
802.11ax		10440	47.51	-20.69	68.2	53.15	39.93	13.35	58.92	150	230	P	H
HE20		15660	47.28	-26.72	74	52.84	38.32	15.18	59.06	160	225	P	H
CH 44		10440	47.02	-21.18	68.2	52.66	39.93	13.35	58.92	150	230	P	V
5220MHz		15660	47.23	-26.77	74	52.79	38.32	15.18	59.06	160	225	P	V
802.11ax		10480	47.52	-20.68	68.2	53.04	39.99	13.35	58.86	150	289	P	H
HE20		15720	47.05	-26.95	74	52.97	38.01	15.19	59.12	150	291	P	H
CH 48		10480	47.02	-21.18	68.2	52.54	39.99	13.35	58.86	150	289	P	V
5240MHz		15720	47.78	-26.22	74	53.7	38.01	15.19	59.12	150	291	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a*x HE*20 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5025.74	46.55	-27.45	74	42.28	31.31	7.77	34.81	227	45	P	H
		5017.42	36.18	-17.82	54	31.92	31.3	7.77	34.81	227	45	A	H
802.11ax		5180	103.16	-	-	98.61	31.38	8	34.83	227	45	P	H
HE20		5180	96.14	-	-	91.59	31.38	8	34.83	227	45	A	H
CH 36		5103.48	46.41	-27.59	74	42	31.34	7.89	34.82	115	343	P	V
5180MHz		5017.94	36.17	-17.83	54	31.91	31.3	7.77	34.81	115	343	A	V
		5180	101.62	-	-	97.07	31.38	8	34.83	115	343	P	V
		5180	94.56	-	-	90.01	31.38	8	34.83	115	343	A	V
		5013.26	46.63	-27.37	74	42.37	31.3	7.77	34.81	236	34	P	H
		5021.06	36.11	-17.89	54	31.84	31.31	7.77	34.81	236	34	A	H
		5240	101.98	-	-	97.37	31.41	8.05	34.85	236	34	P	H
		5240	95.87	-	-	91.26	31.41	8.05	34.85	236	34	A	H
802.11ax		5371.92	45.61	-28.39	74	41	31.47	8.02	34.88	236	34	P	H
HE20		5445.6	35.22	-18.78	54	30.64	31.51	7.96	34.89	236	34	A	H
CH 48		5035.36	47.12	-26.88	74	42.85	31.31	7.77	34.81	119	348	P	V
5240MHz		5021.06	36.14	-17.86	54	31.87	31.31	7.77	34.81	119	348	A	V
		5240	101.66	-	-	97.05	31.41	8.05	34.85	119	348	P	V
		5240	95.13	-	-	90.52	31.41	8.05	34.85	119	348	A	V
		5445.36	45.47	-28.53	74	40.9	31.5	7.96	34.89	119	348	P	V
		5445.36	35.15	-18.85	54	30.58	31.5	7.96	34.89	119	348	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 Partial RU (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10360	47.38	-20.82	68.2	53.19	39.84	13.34	58.99	152	260	P	H
HE20		15540	46.99	-27.01	74	51.93	38.85	15.14	58.93	189	238	P	H
CH 36		10360	47.48	-20.72	68.2	53.29	39.84	13.34	58.99	152	260	P	V
5180MHz		15540	47.66	-26.34	74	52.6	38.85	15.14	58.93	100	0	P	V
802.11ax		10480	47.4	-20.8	68.2	52.92	39.99	13.35	58.86	150	289	P	H
HE20		15720	47.2	-26.8	74	53.12	38.01	15.19	59.12	150	291	P	H
CH 48		10480	47.66	-20.54	68.2	53.18	39.99	13.35	58.86	150	289	P	V
5240MHz		15720	47.09	-26.91	74	53.01	38.01	15.19	59.12	150	291	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.72	56.09	-17.91	74	51.62	31.36	7.94	34.83	235	45	P	H
		5150	46.18	-7.82	54	41.71	31.36	7.94	34.83	235	45	A	H
		5190	97.78	-	-	93.24	31.38	8	34.84	235	45	P	H
		5190	91.22	-	-	86.68	31.38	8	34.84	235	45	A	H
802.11ax		5357.52	43.88	-30.12	74	39.27	31.46	8.02	34.87	235	45	P	H
HE40		5446	35.13	-18.87	54	30.55	31.51	7.96	34.89	235	45	A	H
CH 38		5147.42	60.6	-13.4	74	56.13	31.36	7.94	34.83	105	345	P	V
5190MHz		5149.76	49.29	-4.71	54	44.82	31.36	7.94	34.83	105	345	A	V
		5190	99.81	-	-	95.27	31.38	8	34.84	105	345	P	V
		5190	92.22	-	-	87.68	31.38	8	34.84	105	345	P	V
		5453.28	44.07	-29.93	74	39.49	31.51	7.96	34.89	105	345	P	V
		5443.76	35.25	-18.75	54	30.68	31.5	7.96	34.89	105	345	A	V
		5147.42	58.8	-15.2	74	54.33	31.36	7.94	34.83	234	37	P	H
		5150	47.04	-6.96	54	42.57	31.36	7.94	34.83	234	37	A	H
		5230	104	-	-	99.38	31.41	8.06	34.85	234	37	P	H
		5230	95.85	-	-	91.23	31.41	8.06	34.85	234	37	A	H
802.11ax		5352.72	51.07	-22.93	74	46.46	31.46	8.02	34.87	234	37	P	H
HE40		5350.08	39.6	-14.4	54	34.99	31.46	8.02	34.87	234	37	A	H
CH 46		5143.26	59.8	-14.2	74	55.33	31.36	7.94	34.83	194	343	P	V
5230MHz		5150	46.8	-7.2	54	42.33	31.36	7.94	34.83	194	343	A	V
		5230	103.5	-	-	98.88	31.41	8.06	34.85	194	343	P	V
		5230	95.4	-	-	90.78	31.41	8.06	34.85	194	343	A	V
		5355.6	48.55	-25.45	74	43.94	31.46	8.02	34.87	194	343	P	V
		5350.56	38.24	-15.76	54	33.63	31.46	8.02	34.87	194	343	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 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10380	47.19	-21.01	68.2	52.95	39.87	13.34	58.97	150	360	P	H
HE40		15570	47.62	-26.38	74	52.74	38.7	15.15	58.97	155	360	P	H
CH 38		10380	47.43	-20.77	68.2	53.19	39.87	13.34	58.97	159	360	P	V
5190MHz		15570	47.39	-26.61	74	52.51	38.7	15.15	58.97	155	360	P	V
802.11ax		10460	47.32	-20.88	68.2	52.92	39.95	13.35	58.9	150	360	P	H
HE40		15690	47.93	-26.07	74	53.66	38.17	15.19	59.09	150	225	P	H
CH 46		10460	47.47	-20.73	68.2	53.07	39.95	13.35	58.9	150	360	P	V
5230MHz		15690	47.1	-26.9	74	52.83	38.17	15.19	59.09	150	225	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a*x HE*40 Partial RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5144.56	49.33	-24.67	74	44.86	31.36	7.94	34.83	230	41	P	H
		5018.98	36.11	-17.89	54	31.85	31.3	7.77	34.81	230	41	A	H
		5190	97.28	-	-	92.74	31.38	8	34.84	230	41	P	H
		5190	91.28	-	-	86.74	31.38	8	34.84	230	41	A	H
802.11ax		5458.88	45.31	-28.69	74	40.73	31.51	7.96	34.89	230	41	P	H
HE40		5447.12	35.1	-18.9	54	30.52	31.51	7.96	34.89	230	41	A	H
CH 38		5004.42	47.82	-26.18	74	43.55	31.3	7.77	34.8	124	347	P	V
5190MHz		5018.46	36.12	-17.88	54	31.86	31.3	7.77	34.81	124	347	A	V
		5190	97.04	-	-	92.5	31.38	8	34.84	124	347	P	V
		5190	90.56	-	-	86.02	31.38	8	34.84	124	347	P	V
		5445.44	45.18	-28.82	74	40.61	31.5	7.96	34.89	124	347	P	V
		5460	35.08	-18.92	54	30.5	31.51	7.96	34.89	124	347	A	V
		5068.9	46.73	-27.27	74	42.39	31.32	7.83	34.81	219	37	P	H
		5021.58	36.08	-17.92	54	31.81	31.31	7.77	34.81	219	37	A	H
		5230	98.56	-	-	93.94	31.41	8.06	34.85	219	37	P	H
		5230	91.21	-	-	86.59	31.41	8.06	34.85	219	37	A	H
802.11ax		5459.76	45.61	-28.39	74	41.03	31.51	7.96	34.89	219	37	P	H
HE40		5446.08	35.12	-18.88	54	30.54	31.51	7.96	34.89	219	37	A	H
CH 46		5012.74	47.66	-26.34	74	43.4	31.3	7.77	34.81	155	340	P	V
5230MHz		5020.02	36.09	-17.91	54	31.83	31.3	7.77	34.81	155	340	A	V
		5230	96.82	-	-	92.2	31.41	8.06	34.85	155	340	P	V
		5230	89.74	-	-	85.12	31.41	8.06	34.85	155	340	A	V
		5430.24	44.96	-29.04	74	40.39	31.5	7.96	34.89	155	340	P	V
		5445.6	35.1	-18.9	54	30.52	31.51	7.96	34.89	155	340	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10380	47.29	-20.91	68.2	53.05	39.87	13.34	58.97	150	360	P	H
HE40		15570	47.87	-26.13	74	52.99	38.7	15.15	58.97	155	360	P	H
CH 38		10380	47.28	-20.92	68.2	53.04	39.87	13.34	58.97	150	360	P	V
5190MHz		15570	47.29	-26.71	74	52.41	38.7	15.15	58.97	155	360	P	V
802.11ax		10460	47.22	-20.98	68.2	52.82	39.95	13.35	58.9	150	360	P	H
HE40		15690	47.3	-26.7	74	53.03	38.17	15.19	59.09	150	225	P	H
CH 46		10460	47.3	-20.9	68.2	52.9	39.95	13.35	58.9	150	360	P	V
5230MHz		15690	47.69	-26.31	74	53.42	38.17	15.19	59.09	150	225	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE80 CH 42 5210MHz		5144.3	64.49	-9.51	74	60.02	31.36	7.94	34.83	238	37	P	H
		5150	50.8	-3.2	54	46.33	31.36	7.94	34.83	238	37	A	H
	*	5210	98.49	-	-	93.87	31.4	8.06	34.84	238	37	P	H
		5210	89.08	-	-	84.46	31.4	8.06	34.84	238	37	A	H
		5366.4	47.93	-26.07	74	43.32	31.47	8.02	34.88	238	37	P	H
		5350.08	38.19	-15.81	54	33.58	31.46	8.02	34.87	238	37	A	H
		5147.68	65.02	-8.98	74	60.55	31.36	7.94	34.83	234	340	P	V
		5148.98	49.14	-4.86	54	44.67	31.36	7.94	34.83	234	340	A	V
	*	5210	96.52	-	-	91.9	31.4	8.06	34.84	234	340	P	V
		5210	87.26	-	-	82.64	31.4	8.06	34.84	234	340	A	V
		5367.84	47.13	-26.87	74	42.52	31.47	8.02	34.88	234	340	P	V
		5350.08	36.57	-17.43	54	31.96	31.46	8.02	34.87	234	340	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10420	46.84	-21.36	68.2	52.51	39.91	13.35	58.93	150	360	P	H
HE80		15630	47.18	-26.82	74	52.67	38.39	15.16	59.04	150	225	P	H
CH 42		10420	47.33	-20.87	68.2	53	39.91	13.35	58.93	150	360	P	V
5210MHz		15630	47.15	-26.85	74	52.64	38.39	15.16	59.04	150	225	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a*x HE*80 Partial RU 26/0 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.24	49.29	-24.71	74	44.82	31.36	7.94	34.83	100	42	P	H
		5016.9	36.14	-17.86	54	31.88	31.3	7.77	34.81	100	42	A	H
	*	5210	96.16	-	-	91.54	31.4	8.06	34.84	100	42	P	H
		5210	88.26	-	-	83.64	31.4	8.06	34.84	100	42	A	H
802.11ax		5384.4	46.43	-27.57	74	41.81	31.48	8.02	34.88	100	42	P	H
HE80		5446.8	34.99	-19.01	54	30.41	31.51	7.96	34.89	100	42	A	H
CH 42		5117.78	47.31	-26.69	74	42.85	31.35	7.94	34.83	128	347	P	V
5210MHz		5005.98	36.12	-17.88	54	31.85	31.3	7.77	34.8	128	347	A	V
	*	5210	92.96	-	-	88.34	31.4	8.06	34.84	128	347	P	V
		5210	87.12	-	-	82.5	31.4	8.06	34.84	128	347	A	V
		5437.68	45.78	-28.22	74	41.21	31.5	7.96	34.89	128	347	P	V
		5444.88	34.97	-19.03	54	30.4	31.5	7.96	34.89	128	347	A	V

Remark

5. No other spurious found.
6. All results are PASS against Peak and Average limit line.

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Partial RU 26/0 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10420	46.44	-21.76	68.2	52.11	39.91	13.35	58.93	150	360	P	H
HE80		15630	47.16	-26.84	74	52.65	38.39	15.16	59.04	150	225	P	H
CH 42		10420	46.35	-21.85	68.2	52.02	39.91	13.35	58.93	150	360	P	V
5210MHz		15630	47.65	-26.35	74	53.14	38.39	15.16	59.04	150	225	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a*x HE*80 Partial RU 26/36 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5048.36	46.54	-27.46	74	42.2	31.32	7.83	34.81	229	37	P	H
		5005.72	36.12	-17.88	54	31.85	31.3	7.77	34.8	229	37	A	H
	*	5210	96.52	-	-	91.9	31.4	8.06	34.84	229	37	P	H
		5210	88.8	-	-	84.18	31.4	8.06	34.84	229	37	A	H
802.11ax		5386.8	47.3	-26.7	74	42.68	31.48	8.02	34.88	229	37	P	H
HE80		5444.88	34.98	-19.02	54	30.41	31.5	7.96	34.89	229	37	A	H
CH 42		5083.98	47.07	-26.93	74	42.66	31.33	7.89	34.81	108	352	P	V
5210MHz		5017.68	36.12	-17.88	54	31.86	31.3	7.77	34.81	108	352	A	V
	*	5210	91.46	-	-	86.84	31.4	8.06	34.84	108	352	P	V
		5210	84.72	-	-	80.1	31.4	8.06	34.84	108	352	A	V
		5455.68	45.55	-28.45	74	40.97	31.51	7.96	34.89	108	352	P	V
		5445.36	35	-19	54	30.43	31.5	7.96	34.89	108	352	A	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ax HE80 Partial RU 26/36 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10420	47.27	-20.93	68.2	52.94	39.91	13.35	58.93	150	360	P	H
HE80		15630	47.12	-26.88	74	52.61	38.39	15.16	59.04	150	225	P	H
CH 42		10420	47.45	-20.75	68.2	53.12	39.91	13.35	58.93	150	360	P	V
5210MHz		15630	47.51	-26.49	74	53	38.39	15.16	59.04	150	225	P	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5112.7	46.19	-27.81	74	41.78	31.35	7.89	34.83	228	32	P	H
		5101.85	36.18	-17.82	54	31.77	31.34	7.89	34.82	228	32	A	H
		5260	110.11	-	-	105.49	31.42	8.05	34.85	228	32	P	H
		5260	102.47	-	-	97.85	31.42	8.05	34.85	228	32	A	H
		5414.64	45.43	-28.57	74	40.82	31.49	8.01	34.89	228	32	P	H
		5419.2	35.31	-18.69	54	30.7	31.49	8.01	34.89	228	32	A	H
		5067.9	45.7	-28.3	74	41.36	31.32	7.83	34.81	226	342	P	V
		5102.9	36.29	-17.71	54	31.88	31.34	7.89	34.82	226	342	A	V
		5260	107.46	-	-	102.84	31.42	8.05	34.85	226	342	P	V
		5260	102.18	-	-	97.56	31.42	8.05	34.85	226	342	A	V
		5455.44	43.64	-30.36	74	39.06	31.51	7.96	34.89	226	342	P	V
		5420.4	35.25	-18.75	54	30.64	31.49	8.01	34.89	226	342	A	V
802.11a CH 60 5300MHz		5015.75	45.15	-28.85	74	40.89	31.3	7.77	34.81	218	26	P	H
		5070	35.98	-18.02	54	31.64	31.32	7.83	34.81	218	26	A	H
		5300	110	-	-	105.38	31.44	8.04	34.86	218	26	P	H
		5300	102.88	-	-	98.26	31.44	8.04	34.86	218	26	A	H
		5457.6	44.97	-29.03	74	40.39	31.51	7.96	34.89	218	26	P	H
		5350.8	36.37	-17.63	54	31.76	31.46	8.02	34.87	218	26	A	H
		5137.55	45.79	-28.21	74	41.32	31.36	7.94	34.83	221	344	P	V
		5072.45	36.19	-17.81	54	31.84	31.33	7.83	34.81	221	344	A	V
		5300	108.51	-	-	103.89	31.44	8.04	34.86	221	344	P	V
		5300	102.47	-	-	97.85	31.44	8.04	34.86	221	344	A	V
		5372.88	45.18	-28.82	74	40.57	31.47	8.02	34.88	221	344	P	V
		5378.88	36.11	-17.89	54	31.49	31.48	8.02	34.88	221	344	A	V

802.11a CH 64 5320MHz		5320	108.2	-	-	103.59	31.45	8.03	34.87	230	27	P	H
		5320	102.23	-	-	97.62	31.45	8.03	34.87	230	27	A	H
		5350.72	54.12	-19.88	74	49.51	31.46	8.02	34.87	230	27	P	H
		5350.24	44.78	-9.22	54	40.17	31.46	8.02	34.87	230	27	A	H
		5320	108.06	-	-	103.45	31.45	8.03	34.87	217	342	P	V
		5320	101.56	-	-	96.95	31.45	8.03	34.87	217	342	A	V
		5351.2	53.62	-20.38	74	49.01	31.46	8.02	34.87	217	342	P	V
		5351.52	42.07	-11.93	54	37.46	31.46	8.02	34.87	217	342	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	47.79	-20.41	68.2	53.22	40.03	13.36	58.82	150	220	P	H
		15780	47.26	-26.74	74	53.44	37.79	15.21	59.18	159	345	P	H
		10520	47.67	-20.53	68.2	53.1	40.03	13.36	58.82	150	220	P	V
		15780	47.46	-26.54	74	53.64	37.79	15.21	59.18	159	345	P	V
802.11a CH 60 5300MHz		10600	47.26	-26.74	74	52.5	40.13	13.36	58.73	185	215	P	H
		15900	47.84	-26.16	74	54.63	37.26	15.25	59.3	161	0	P	H
		10600	47.74	-26.26	74	52.98	40.13	13.36	58.73	185	215	P	V
		15900	47.24	-26.76	74	54.03	37.26	15.25	59.3	196	190	P	V
802.11a CH 64 5320MHz		10640	47.7	-26.3	74	52.85	40.17	13.37	58.69	152	135	P	H
		15960	47.43	-26.57	74	54.58	36.95	15.27	59.37	173	245	P	H
		10640	47.28	-26.72	74	52.43	40.17	13.37	58.69	152	135	P	V
		15960	47.61	-26.39	74	54.76	36.95	15.27	59.37	173	245	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5061.25	45.49	-28.51	74	41.15	31.32	7.83	34.81	202	32	P	H
		5105	36.28	-17.72	54	31.87	31.34	7.89	34.82	202	32	A	H
		5260	109.59	-	-	104.97	31.42	8.05	34.85	202	32	P	H
		5260	102.48	-	-	97.86	31.42	8.05	34.85	202	32	A	H
802.11n		5350.08	45.76	-28.24	74	41.15	31.46	8.02	34.87	202	32	P	H
HT20		5444.16	35.37	-18.63	54	30.8	31.5	7.96	34.89	202	32	A	H
CH 52		5106.75	46.23	-27.77	74	41.81	31.35	7.89	34.82	159	347	P	V
5260MHz		5105	36.61	-17.39	54	32.2	31.34	7.89	34.82	159	347	A	V
		5260	106.79	-	-	102.17	31.42	8.05	34.85	159	347	P	V
		5260	101.3	-	-	96.68	31.42	8.05	34.85	159	347	A	V
		5381.04	44.47	-29.53	74	39.85	31.48	8.02	34.88	159	347	P	V
		5445.6	35.56	-18.44	54	30.98	31.51	7.96	34.89	159	347	A	V
		5059.15	45.38	-28.62	74	41.04	31.32	7.83	34.81	210	33	P	H
		5140.35	35.98	-18.02	54	31.51	31.36	7.94	34.83	210	33	A	H
		5300	109.73	-	-	105.11	31.44	8.04	34.86	210	33	P	H
		5300	102.31	-	-	97.69	31.44	8.04	34.86	210	33	A	H
802.11n		5351.04	60.48	-13.52	74	55.87	31.46	8.02	34.87	210	33	P	H
HT20		5350.08	44.95	-9.05	54	40.34	31.46	8.02	34.87	210	33	A	H
CH 60		5079.1	45.84	-28.16	74	41.43	31.33	7.89	34.81	204	344	P	V
5300MHz		5071.05	36.04	-17.96	54	31.7	31.32	7.83	34.81	204	344	A	V
		5300	105.09	-	-	100.47	31.44	8.04	34.86	204	344	P	V
		5300	99.51	-	-	94.89	31.44	8.04	34.86	204	344	A	V
		5350.08	48.21	-25.79	74	43.6	31.46	8.02	34.87	204	344	P	V
		5350.08	39.84	-14.16	54	35.23	31.46	8.02	34.87	204	344	A	V

802.11n HT20 CH 64 5320MHz		5320	105.96	-	-	101.35	31.45	8.03	34.87	241	30	P	H
		5320	99.13	-	-	94.52	31.45	8.03	34.87	241	30	A	H
		5353.12	64.79	-9.21	74	60.18	31.46	8.02	34.87	241	30	P	H
		5350.08	49.81	-4.19	54	45.2	31.46	8.02	34.87	241	30	A	H
		5320	103.1	-	-	98.49	31.45	8.03	34.87	199	344	P	V
		5320	97.07	-	-	92.46	31.45	8.03	34.87	199	344	A	V
		5352	52.04	-21.96	74	47.43	31.46	8.02	34.87	199	344	P	V
		5350.08	39.98	-14.02	54	35.37	31.46	8.02	34.87	199	344	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10520	47.92	-20.28	68.2	53.35	40.03	13.36	58.82	150	220	P	H
HT20		15780	47.75	-26.25	74	53.93	37.79	15.21	59.18	159	345	P	H
CH 52		10520	47.53	-20.67	68.2	52.96	40.03	13.36	58.82	150	220	P	V
5260MHz		15780	47.38	-26.62	74	53.56	37.79	15.21	59.18	159	345	P	V
802.11n		10600	47.78	-26.22	74	53.02	40.13	13.36	58.73	185	215	P	H
HT20		15900	47.67	-26.33	74	54.46	37.26	15.25	59.3	196	190	P	H
CH 60		10600	47.77	-26.23	74	53.01	40.13	13.36	58.73	185	215	P	V
5300MHz		15900	47.38	-26.62	74	54.17	37.26	15.25	59.3	196	190	P	V
802.11n		10640	47.6	-26.4	74	52.75	40.17	13.37	58.69	152	135	P	H
HT20		15960	47.07	-26.93	74	54.22	36.95	15.27	59.37	173	245	P	H
CH 64		10640	47.4	-26.6	74	52.55	40.17	13.37	58.69	152	135	P	V
5320MHz		15960	46.95	-27.05	74	54.1	36.95	15.27	59.37	173	245	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5148.72	47.67	-26.33	74	43.2	31.36	7.94	34.83	222	30	P	H
		5150	37.23	-16.77	54	32.76	31.36	7.94	34.83	222	30	A	H
		5270	106.44	-	-	101.82	31.42	8.05	34.85	222	30	P	H
		5270	98.83	-	-	94.21	31.42	8.05	34.85	222	30	A	H
		5370.72	53.94	-20.06	74	49.33	31.47	8.02	34.88	222	30	P	H
		5350.08	45.83	-8.17	54	41.22	31.46	8.02	34.87	222	30	A	H
		5067.86	46.02	-27.98	74	41.68	31.32	7.83	34.81	232	42	P	V
		5149.5	35.95	-18.05	54	31.48	31.36	7.94	34.83	232	42	A	V
		5270	102.38	-	-	97.76	31.42	8.05	34.85	232	42	P	V
		5270	95.17	-	-	90.55	31.42	8.05	34.85	232	42	A	V
		5352.24	56	-18	74	51.39	31.46	8.02	34.87	232	42	P	V
		5350.08	45.29	-8.71	54	40.68	31.46	8.02	34.87	232	42	A	V
802.11n HT40 CH 62 5310MHz		5078.75	45.43	-28.57	74	41.02	31.33	7.89	34.81	229	36	P	H
		5016.45	35.9	-18.1	54	31.64	31.3	7.77	34.81	229	36	A	H
		5310	103.1	-	-	98.48	31.45	8.03	34.86	229	36	P	H
		5310	96.18	-	-	91.56	31.45	8.03	34.86	229	36	A	H
		5353.68	67.68	-6.32	74	63.07	31.46	8.02	34.87	229	36	P	H
		5350.08	49.39	-4.61	54	44.78	31.46	8.02	34.87	229	36	A	H
		5106.75	46.25	-27.75	74	41.83	31.35	7.89	34.82	271	47	P	V
		5043.75	36.1	-17.9	54	31.76	31.32	7.83	34.81	271	47	A	V
		5310	99.32	-	-	94.7	31.45	8.03	34.86	271	47	P	V
		5310	92.26	-	-	87.64	31.45	8.03	34.86	271	47	A	V
		5354.88	61.23	-12.77	74	56.62	31.46	8.02	34.87	271	47	P	V
		5353.44	47.86	-6.14	54	43.25	31.46	8.02	34.87	271	47	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		10540	47.07	-21.13	68.2	52.46	40.05	13.36	58.8	150	220	P	H
HT40		15810	47.17	-26.83	74	53.53	37.63	15.22	59.21	168	345	P	H
CH 54		10540	47.81	-20.39	68.2	53.2	40.05	13.36	58.8	150	220	P	V
5270MHz		15810	47.27	-26.73	74	53.63	37.63	15.22	59.21	168	345	P	V
802.11n		10620	47.24	-26.76	74	52.43	40.15	13.37	58.71	150	220	P	H
HT40		15930	47.96	-26.04	74	54.93	37.1	15.26	59.33	160	100	P	H
CH 62		10620	47.57	-26.43	74	52.76	40.15	13.37	58.71	150	220	P	V
5310MHz		15930	47.17	-26.83	74	54.14	37.1	15.26	59.33	160	100	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5040.04	45.47	-28.53	74	41.13	31.32	7.83	34.81	237	30	P	H
		5020.28	35.98	-18.02	54	31.72	31.3	7.77	34.81	237	30	A	H
		5290	96.14	-	-	91.53	31.43	8.04	34.86	237	30	P	H
		5290	88.48	-	-	83.87	31.43	8.04	34.86	237	30	A	H
		5353.2	60.93	-13.07	74	56.32	31.46	8.02	34.87	237	30	P	H
		5350.32	49.11	-4.89	54	44.5	31.46	8.02	34.87	237	30	A	H
		5012.74	45.63	-28.37	74	41.37	31.3	7.77	34.81	237	30	P	V
		5040.3	35.91	-18.09	54	31.57	31.32	7.83	34.81	237	30	A	V
		5290	93.04	-	-	88.43	31.43	8.04	34.86	237	30	P	V
		5290	85.64	-	-	81.03	31.43	8.04	34.86	237	30	A	V
		5354.16	56.73	-17.27	74	52.12	31.46	8.02	34.87	237	30	P	V
		5350.32	44.13	-9.87	54	39.52	31.46	8.02	34.87	237	30	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		10580	47.57	-20.63	68.2	52.85	40.11	13.36	58.75	185	215	P	H
VHT80		15870	47.87	-26.13	74	54.59	37.33	15.23	59.28	196	190	P	H
CH 58		10580	47.66	-20.54	68.2	52.94	40.11	13.36	58.75	170	232	P	V
5290MHz		15870	47.82	-26.18	74	54.54	37.33	15.23	59.28	190	130	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 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5079.04	45.47	-28.53	74	41.06	31.33	7.89	34.81	248	36	P	H
		5023.14	36.15	-17.85	54	31.88	31.31	7.77	34.81	248	36	A	H
		5260	106.89	-	-	102.27	31.42	8.05	34.85	248	36	P	H
		5260	99.56	-	-	94.94	31.42	8.05	34.85	248	36	A	H
802.11ax		5351.76	46.38	-27.62	74	41.77	31.46	8.02	34.87	248	36	P	H
HE20		5350.08	35.54	-18.46	54	30.93	31.46	8.02	34.87	248	36	A	H
CH 52		5070.46	45.96	-28.04	74	41.62	31.32	7.83	34.81	255	341	P	V
5260MHz		5020.8	36.31	-17.69	54	32.04	31.31	7.77	34.81	255	341	A	V
		5260	106.27	-	-	101.65	31.42	8.05	34.85	255	341	P	V
		5260	97.98	-	-	93.36	31.42	8.05	34.85	255	341	A	V
		5449.2	44.52	-29.48	74	39.94	31.51	7.96	34.89	255	341	P	V
		5444.88	35.37	-18.63	54	30.8	31.5	7.96	34.89	255	341	A	V
		5011.2	46.23	-27.77	74	41.96	31.3	7.77	34.8	248	37	P	H
		5008.75	36.04	-17.96	54	31.77	31.3	7.77	34.8	248	37	A	H
		5300	108.47	-	-	103.85	31.44	8.04	34.86	248	37	P	H
		5300	100.36	-	-	95.74	31.44	8.04	34.86	248	37	A	H
802.11ax		5350.56	58.53	-15.47	74	53.92	31.46	8.02	34.87	248	37	P	H
HE20		5350.08	46.63	-7.37	54	42.02	31.46	8.02	34.87	248	37	A	H
CH 60		5114.1	45.37	-28.63	74	40.96	31.35	7.89	34.83	215	342	P	V
5300MHz		5022.4	35.99	-18.01	54	31.72	31.31	7.77	34.81	215	342	A	V
		5300	106.59	-	-	101.97	31.44	8.04	34.86	215	342	P	V
		5300	99.2	-	-	94.58	31.44	8.04	34.86	215	342	A	V
		5351.52	53.59	-20.41	74	48.98	31.46	8.02	34.87	215	342	P	V
		5350.08	43.8	-10.2	54	39.19	31.46	8.02	34.87	215	342	A	V

		5320	104.43	-	-	99.82	31.45	8.03	34.87	224	31	P	H
		5320	97.3	-	-	92.69	31.45	8.03	34.87	224	31	A	H
802.11ax		5350.56	61.18	-12.82	74	56.57	31.46	8.02	34.87	224	31	P	H
HE20		5350.08	50.64	-3.36	54	46.03	31.46	8.02	34.87	224	31	A	H
CH 64		5320	104.37	-	-	99.76	31.45	8.03	34.87	226	342	P	V
5320MHz		5320	95.97	-	-	91.36	31.45	8.03	34.87	226	342	A	V
		5352	59.82	-14.18	74	55.21	31.46	8.02	34.87	226	342	P	V
		5350.08	48.99	-5.01	54	44.38	31.46	8.02	34.87	226	342	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 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10520	47.98	-20.22	68.2	53.41	40.03	13.36	58.82	150	220	P	H
HE20		15780	47.75	-26.25	74	53.93	37.79	15.21	59.18	159	345	P	H
CH 52		10520	47.45	-20.75	68.2	52.88	40.03	13.36	58.82	150	220	P	V
5260MHz		15780	47.18	-26.82	74	53.36	37.79	15.21	59.18	159	345	P	V
802.11ax		10600	47.68	-26.32	74	52.92	40.13	13.36	58.73	185	215	P	H
HE20		15900	46.74	-27.26	74	53.53	37.26	15.25	59.3	196	190	P	H
CH 60		10600	47.72	-26.28	74	52.96	40.13	13.36	58.73	185	215	P	V
5300MHz		15900	47.6	-26.4	74	54.39	37.26	15.25	59.3	196	190	P	V
802.11ax		10640	47.56	-26.44	74	52.71	40.17	13.37	58.69	152	135	P	H
HE20		15960	47.56	-26.44	74	54.71	36.95	15.27	59.37	173	245	P	H
CH 64		10640	47.55	-26.45	74	52.7	40.17	13.37	58.69	152	135	P	V
5320MHz		15960	47.47	-26.53	74	54.62	36.95	15.27	59.37	173	245	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5099.84	46.92	-27.08	74	42.51	31.34	7.89	34.82	244	45	P	H
		5020.54	36.08	-17.92	54	31.81	31.31	7.77	34.81	244	45	A	H
		5260	103.24	-	-	98.62	31.42	8.05	34.85	244	45	P	H
		5260	97.26	-	-	92.64	31.42	8.05	34.85	244	45	A	H
802.11ax		5435.04	45.75	-28.25	74	41.18	31.5	7.96	34.89	244	45	P	H
HE20		5445.36	35.19	-18.81	54	30.62	31.5	7.96	34.89	244	45	A	H
CH 52		5067.86	47.38	-26.62	74	43.04	31.32	7.83	34.81	100	347	P	V
5260MHz		5020.28	36.1	-17.9	54	31.84	31.3	7.77	34.81	100	347	A	V
		5260	101.3	-	-	96.68	31.42	8.05	34.85	100	347	P	V
		5260	94.75	-	-	90.13	31.42	8.05	34.85	100	347	A	V
		5451.84	45.36	-28.64	74	40.78	31.51	7.96	34.89	100	347	P	V
		5445.6	35.11	-18.89	54	30.53	31.51	7.96	34.89	100	347	A	V
		5320	104.02	-	-	99.41	31.45	8.03	34.87	227	42	P	H
		5320	97.89	-	-	93.28	31.45	8.03	34.87	227	42	A	H
802.11ax		5421.12	46.36	-27.64	74	41.75	31.49	8.01	34.89	227	42	P	H
HE20		5445.6	35.18	-18.82	54	30.6	31.51	7.96	34.89	227	42	A	H
CH 64		5320	101.37	-	-	96.76	31.45	8.03	34.87	161	343	P	V
5320MHz		5320	93.87	-	-	89.26	31.45	8.03	34.87	161	343	A	V
		5393.6	45.2	-28.8	74	40.59	31.48	8.01	34.88	161	343	P	V
		5459.04	35.11	-18.89	54	30.53	31.51	7.96	34.89	161	343	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10520	47.31	-20.89	68.2	52.74	40.03	13.36	58.82	150	220	P	H
HE20		15780	47.09	-26.91	74	53.27	37.79	15.21	59.18	159	345	P	H
CH 52		10520	47.04	-21.16	68.2	52.47	40.03	13.36	58.82	150	220	P	V
5260MHz		15780	47.72	-26.28	74	53.9	37.79	15.21	59.18	159	345	P	V
802.11ax		10640	47.55	-26.45	74	52.7	40.17	13.37	58.69	152	135	P	H
HE20		15960	47.79	-26.21	74	54.94	36.95	15.27	59.37	173	245	P	H
CH 64		10640	47.08	-26.92	74	52.23	40.17	13.37	58.69	152	135	P	V
5320MHz		15960	47.12	-26.88	74	54.27	36.95	15.27	59.37	173	245	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.5	47.25	-26.75	74	42.78	31.36	7.94	34.83	246	32	P	H
		5150	38.08	-15.92	54	33.61	31.36	7.94	34.83	246	32	A	H
		5270	105.27	-	-	100.65	31.42	8.05	34.85	246	32	P	H
		5270	97.09	-	-	92.47	31.42	8.05	34.85	246	32	A	H
802.11ax		5350.56	59.08	-14.92	74	54.47	31.46	8.02	34.87	246	32	P	H
HE40		5350.08	49.96	-4.04	54	45.35	31.46	8.02	34.87	246	32	A	H
CH 54		5150.02	47.96	-20.24	68.2	43.49	31.36	7.94	34.83	194	343	P	V
5270MHz		5149.24	37.54	-16.46	54	33.07	31.36	7.94	34.83	194	343	A	V
		5270	103.68	-	-	99.06	31.42	8.05	34.85	194	343	P	V
		5270	96.17	-	-	91.55	31.42	8.05	34.85	194	343	A	V
		5355.6	55.85	-18.15	74	51.24	31.46	8.02	34.87	194	343	P	V
		5350.08	47.94	-6.06	54	43.33	31.46	8.02	34.87	194	343	A	V
		5042.7	45.52	-28.48	74	41.18	31.32	7.83	34.81	245	30	P	H
		5007.7	35.95	-18.05	54	31.68	31.3	7.77	34.8	245	30	A	H
		5310	100.22	-	-	95.6	31.45	8.03	34.86	245	30	P	H
		5310	92.46	-	-	87.84	31.45	8.03	34.86	245	30	A	H
802.11ax		5351.76	66.14	-7.86	74	61.53	31.46	8.02	34.87	245	30	P	H
HE40		5350.08	49.91	-4.09	54	45.3	31.46	8.02	34.87	245	30	A	H
CH 62		5109.55	45.3	-28.7	74	40.88	31.35	7.89	34.82	194	343	P	V
5310MHz		5072.45	36.14	-17.86	54	31.79	31.33	7.83	34.81	194	343	A	V
		5310	99.58	-	-	94.96	31.45	8.03	34.86	194	343	P	V
		5310	91.63	-	-	87.01	31.45	8.03	34.86	194	343	A	V
		5356.08	61.39	-12.61	74	56.78	31.46	8.02	34.87	194	343	P	V
		5350.08	47.24	-6.76	54	42.63	31.46	8.02	34.87	194	343	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 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10540	47.26	-20.94	68.2	52.65	40.05	13.36	58.8	150	220	P	H
HE40		15810	47.6	-26.4	74	53.96	37.63	15.22	59.21	168	345	P	H
CH 54		10540	47.44	-20.76	68.2	52.83	40.05	13.36	58.8	150	220	P	V
5270MHz		15810	47.38	-26.62	74	53.74	37.63	15.22	59.21	168	345	P	V
802.11ax		10620	47.87	-26.13	74	53.06	40.15	13.37	58.71	150	220	P	H
HE40		15930	47.64	-26.36	74	54.61	37.1	15.26	59.33	160	100	P	H
CH 62		10620	47.93	-26.07	74	53.12	40.15	13.37	58.71	150	220	P	V
5310MHz		15930	47.59	-26.41	74	54.56	37.1	15.26	59.33	160	100	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5019.24	47.51	-26.49	74	43.25	31.3	7.77	34.81	230	37	P	H
		5020.54	36.04	-17.96	54	31.77	31.31	7.77	34.81	230	37	A	H
		5270	98.8	-	-	94.18	31.42	8.05	34.85	230	37	P	H
		5270	92.73	-	-	88.11	31.42	8.05	34.85	230	37	A	H
802.11ax		5412.96	45.43	-28.57	74	40.82	31.49	8.01	34.89	230	37	P	H
HE40		5459.04	35.09	-18.91	54	30.51	31.51	7.96	34.89	230	37	A	H
CH 54		5024.96	47	-27	74	42.73	31.31	7.77	34.81	179	338	P	V
5270MHz		5017.68	36.09	-17.91	54	31.83	31.3	7.77	34.81	179	338	A	V
		5270	96.67	-	-	92.05	31.42	8.05	34.85	179	338	P	V
		5270	90.85	-	-	86.23	31.42	8.05	34.85	179	338	A	V
		5413.92	45.22	-28.78	74	40.61	31.49	8.01	34.89	179	338	P	V
		5445.6	35.1	-18.9	54	30.52	31.51	7.96	34.89	179	338	A	V
		5102.55	47.08	-26.92	74	42.67	31.34	7.89	34.82	237	34	P	H
		5017.85	36.08	-17.92	54	31.82	31.3	7.77	34.81	237	34	A	H
		5310	99.57	-	-	94.95	31.45	8.03	34.86	237	34	P	H
		5310	94.2	-	-	89.58	31.45	8.03	34.86	237	34	A	H
802.11ax		5355.6	47.79	-26.21	74	43.18	31.46	8.02	34.87	237	34	P	H
HE40		5445.6	35.14	-18.86	54	30.56	31.51	7.96	34.89	237	34	A	H
CH 62		5052.15	47.67	-26.33	74	43.33	31.32	7.83	34.81	176	339	P	V
5310MHz		5019.95	36.11	-17.89	54	31.85	31.3	7.77	34.81	176	339	A	V
		5310	96.55	-	-	91.93	31.45	8.03	34.86	176	339	P	V
		5310	90.88	-	-	86.26	31.45	8.03	34.86	176	339	A	V
		5350.8	47.22	-26.78	74	42.61	31.46	8.02	34.87	176	339	P	V
		5446.8	35.06	-18.94	54	30.48	31.51	7.96	34.89	176	339	A	V

Remark

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

Band 2 5250~5350MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10540	47.12	-21.08	68.2	52.51	40.05	13.36	58.8	150	220	P	H
HE40		15810	47.59	-26.41	74	53.95	37.63	15.22	59.21	168	345	P	H
CH 54		10540	47.79	-20.41	68.2	53.18	40.05	13.36	58.8	150	220	P	V
5270MHz		15810	47.33	-26.67	74	53.69	37.63	15.22	59.21	168	345	P	V
802.11ax		10620	47.82	-26.18	74	53.01	40.15	13.37	58.71	150	220	P	H
HE40		15930	47.89	-26.11	74	54.86	37.1	15.26	59.33	160	100	P	H
CH 62		10620	47.77	-26.23	74	52.96	40.15	13.37	58.71	150	220	P	V
5310MHz		15930	47.3	-26.7	74	54.27	37.1	15.26	59.33	160	100	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 2 5150~5250MHz

WIFI 802.11ax HE80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5113.4	46.18	-27.82	74	37.51	31.83	10.02	33.18	100	59	P	H
		5073.5	39.27	-14.73	54	30.69	31.77	9.99	33.18	100	59	A	H
	*	5290	97.28	-	-	88.91	31.3	10.21	33.14	100	59	P	H
		5290	89.9	-	-	81.53	31.3	10.21	33.14	100	59	A	H
802.11ax		5350.08	53.75	-20.25	74	45.28	31.3	10.3	33.13	100	59	P	H
HE80		5350.32	47.86	-6.14	54	39.39	31.3	10.3	33.13	100	59	A	H
CH 58		5012.25	46.89	-27.11	74	38.57	31.57	9.95	33.2	132	13	P	V
5290MHz		5002.45	39.11	-14.89	54	30.86	31.5	9.95	33.2	132	13	A	V
	*	5290	93.53	-	-	85.16	31.3	10.21	33.14	132	13	P	V
		5290	87.1	-	-	78.73	31.3	10.21	33.14	132	13	A	V
		5355.36	51.43	-22.57	74	42.96	31.3	10.3	33.13	132	13	P	V
		5350.8	46.03	-7.97	54	37.56	31.3	10.3	33.13	132	13	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10580	47	-21.2	68.2	46.19	39.8	14.41	53.4	150	220	P	H
HE80		15870	47.37	-26.63	74	43.13	37.4	18.89	52.05	168	345	P	H
CH 58		10580	47.39	-20.81	68.2	46.58	39.8	14.41	53.4	160	230	P	V
5290MHz		15870	47.59	-26.41	74	43.35	37.4	18.89	52.05	170	340	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial RU 26/0 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5108.42	46.98	-27.02	74	42.56	31.35	7.89	34.82	231	41	P	H
		5015.08	36.31	-17.69	54	32.05	31.3	7.77	34.81	231	41	A	H
	*	5290	95.58	-	-	90.97	31.43	8.04	34.86	231	41	P	H
		5290	88.9	-	-	84.29	31.43	8.04	34.86	231	41	A	H
802.11ax		5358.96	53.43	-20.57	74	48.82	31.46	8.02	34.87	231	41	P	H
HE80		5444.4	35.34	-18.66	54	30.77	31.5	7.96	34.89	231	41	A	H
CH 58		5040.82	47.48	-26.52	74	43.14	31.32	7.83	34.81	203	338	P	V
5290MHz		5014.04	36.27	-17.73	54	32.01	31.3	7.77	34.81	203	338	A	V
	*	5290	93.92	-	-	89.31	31.43	8.04	34.86	203	338	P	V
		5290	87.07	-	-	82.46	31.43	8.04	34.86	203	338	A	V
		5371.68	52.22	-21.78	74	47.61	31.47	8.02	34.88	203	338	P	V
		5445.6	35.22	-18.78	54	30.64	31.51	7.96	34.89	203	338	A	V

Remark

5. No other spurious found.
6. All results are PASS against Peak and Average limit line.

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 Partial RU 26/0 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10580	47.26	-20.94	68.2	52.54	40.11	13.36	58.75	185	215	P	H
HE80		15870	47.42	-26.58	74	54.14	37.33	15.23	59.28	196	190	P	H
CH 58		10580	47.81	-20.39	68.2	53.09	40.11	13.36	58.75	185	215	P	V
5290MHz		15870	47.97	-26.03	74	54.69	37.33	15.23	59.28	196	190	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ax HE80 Partial RU 26/36 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5061.36	46.89	-27.11	74	42.55	31.32	7.83	34.81	231	33	P	H
		5008.06	36.29	-17.71	54	32.02	31.3	7.77	34.8	231	33	A	H
	*	5290	97.39	-	-	92.78	31.43	8.04	34.86	231	33	P	H
		5290	88.35	-	-	83.74	31.43	8.04	34.86	231	33	A	H
802.11ax		5368.56	51.53	-22.47	74	46.92	31.47	8.02	34.88	231	33	P	H
HE80		5445.6	35.27	-18.73	54	30.69	31.51	7.96	34.89	231	33	A	H
CH 58		5047.58	47.54	-26.46	74	43.2	31.32	7.83	34.81	229	331	P	V
5290MHz		5021.06	36.44	-17.56	54	32.17	31.31	7.77	34.81	229	331	A	V
	*	5290	97.58	-	-	92.97	31.43	8.04	34.86	229	331	P	V
		5290	88.14	-	-	83.53	31.43	8.04	34.86	229	331	A	V
		5369.52	51.47	-22.53	74	46.86	31.47	8.02	34.88	229	331	P	V
		5444.88	35.37	-18.63	54	30.8	31.5	7.96	34.89	229	331	A	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 Partial RU 26/36 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		10580	47.45	-20.75	68.2	52.73	40.11	13.36	58.75	185	215	P	H
HE80		15870	47.22	-26.78	74	53.94	37.33	15.23	59.28	196	190	P	H
CH 58		10580	46.7	-21.5	68.2	51.98	40.11	13.36	58.75	185	215	P	V
5290MHz		15870	47.94	-26.06	74	54.66	37.33	15.23	59.28	196	190	P	V
Remark	7. No other spurious found. 8. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5460.08	48.99	-19.21	68.2	44.41	31.51	7.96	34.89	227	27	P	H
		5469.68	62.13	-6.07	68.2	57.61	31.52	7.9	34.9	227	27	P	H
		5460	40.79	-13.21	54	36.21	31.51	7.96	34.89	227	27	A	H
		5500	109.86	-	-	105.32	31.54	7.9	34.9	227	27	P	H
		5500	103.22	-	-	98.68	31.54	7.9	34.9	227	27	A	H
		5459.76	49.13	-24.87	74	44.55	31.51	7.96	34.89	108	347	P	V
		5470	56.64	-11.56	68.2	52.12	31.52	7.9	34.9	108	347	P	V
		5460	39.06	-14.94	54	34.48	31.51	7.96	34.89	108	347	A	V
		5500	109.92	-	-	105.38	31.54	7.9	34.9	108	347	P	V
		5500	103.23	-	-	98.69	31.54	7.9	34.9	108	347	A	V
802.11a CH 116 5580MHz		5448.16	45.7	-28.3	74	41.12	31.51	7.96	34.89	231	40	P	H
		5459.92	43.89	-30.11	74	39.31	31.51	7.96	34.89	231	40	P	H
		5427.28	35	-19	54	30.44	31.49	7.96	34.89	231	40	P	H
		5580	109	-	-	104.54	31.57	7.79	34.9	231	40	P	H
		5580	102.31	-	-	97.85	31.57	7.79	34.9	231	40	A	H
		5760.275	45.49	-22.71	68.2	40.47	32.03	7.89	34.9	231	40	P	H
		5401.6	44.97	-29.03	74	40.35	31.49	8.01	34.88	103	345	P	V
		5467.12	43.38	-24.82	68.2	38.86	31.52	7.9	34.9	103	345	P	V
		5428.48	35.53	-18.47	54	30.97	31.49	7.96	34.89	103	345	A	V
		5580	109	-	-	104.54	31.57	7.79	34.9	103	345	P	V
		5580	103.31	-	-	98.85	31.57	7.79	34.9	103	345	A	V
		5750.825	44.62	-23.58	68.2	39.66	31.97	7.89	34.9	103	345	P	V

802.11a CH 140 5700MHz		5700	107.93	-	-	103.2	31.78	7.85	34.9	210	27	P	H
		5700	101.69	-	-	96.96	31.78	7.85	34.9	210	27	A	H
		5726.76	54.61	-13.59	68.2	49.75	31.91	7.85	34.9	210	27	P	H
		5700	107.74	-	-	103.01	31.78	7.85	34.9	147	348	P	V
		5700	102.59	-	-	97.86	31.78	7.85	34.9	147	348	A	V
		5726.92	54.38	-13.82	68.2	49.52	31.91	7.85	34.9	147	348	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.16	-26.84	74	51.46	40.59	13.41	58.3	163	230	P	H
		16500	47.91	-20.29	68.2	52.46	38.94	15.35	58.84	196	273	P	H
		11000	47.23	-26.77	74	51.53	40.59	13.41	58.3	155	212	P	V
		16500	47.97	-20.23	68.2	52.52	38.94	15.35	58.84	178	296	P	V
802.11a CH 116 5580MHz		11160	47.75	-26.25	74	51.63	40.8	13.43	58.11	183	32	P	H
		16740	46.99	-21.21	68.2	50.24	39.93	15.4	58.58	163	332	P	H
		11160	47.89	-26.11	74	51.77	40.8	13.43	58.11	170	200	P	V
		16740	47.18	-21.02	68.2	50.43	39.93	15.4	58.58	156	350	P	V
802.11a CH 140 5700MHz		11400	47.91	-26.09	74	51.22	41.08	13.46	57.85	157	285	P	H
		17100	47.6	-20.6	68.2	48.71	41.6	15.45	58.16	165	246	P	H
		11400	47.68	-26.32	74	50.99	41.08	13.46	57.85	122	291	P	V
		17100	47.46	-20.74	68.2	48.57	41.6	15.45	58.16	153	102	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5455.12	56.23	-17.77	74	51.65	31.51	7.96	34.89	239	27	P	H
		5468.72	62.07	-6.13	68.2	57.55	31.52	7.9	34.9	239	27	P	H
		5456.72	39.81	-14.19	54	35.23	31.51	7.96	34.89	239	27	A	H
802.11n		5500	104.17	-	-	99.63	31.54	7.9	34.9	239	27	P	H
HT20		5500	98.13	-	-	93.59	31.54	7.9	34.9	239	27	A	H
CH 100		5453.2	46.37	-27.63	74	41.79	31.51	7.96	34.89	236	343	P	V
5500MHz		5466	54.45	-13.75	68.2	49.93	31.52	7.9	34.9	236	343	P	V
		5460	35.45	-18.55	54	30.87	31.51	7.96	34.89	236	343	A	V
		5500	99.73	-	-	95.19	31.54	7.9	34.9	236	343	P	V
		5500	93.87	-	-	89.33	31.54	7.9	34.9	236	343	A	V
		5424.16	45.07	-28.93	74	40.46	31.49	8.01	34.89	234	23	P	H
		5464.48	43.81	-24.39	68.2	39.23	31.52	7.96	34.9	234	23	P	H
		5428.72	34.67	-19.33	54	30.1	31.5	7.96	34.89	234	23	A	H
		5580	105.18	-	-	100.72	31.57	7.79	34.9	234	23	P	H
802.11n		5580	99.05	-	-	94.59	31.57	7.79	34.9	234	23	A	H
HT20		5760.275	43.71	-24.49	68.2	38.69	32.03	7.89	34.9	234	23	P	H
CH 116		5421.04	43.48	-30.52	74	38.87	31.49	8.01	34.89	236	343	P	V
5580MHz		5466.4	42.51	-25.69	68.2	37.99	31.52	7.9	34.9	236	343	P	V
		5459.44	34.42	-19.58	54	29.84	31.51	7.96	34.89	236	343	A	V
		5580	102	-	-	97.54	31.57	7.79	34.9	236	343	P	V
		5580	95.68	-	-	91.22	31.57	7.79	34.9	236	343	A	V
		5759.96	45.58	-22.62	68.2	40.56	32.03	7.89	34.9	236	343	P	V

802.11n HT20 CH 140 5700MHz		5700	99.68	-	-	94.95	31.78	7.85	34.9	198	27	P	H
		5700	92.86	-	-	88.13	31.78	7.85	34.9	198	27	A	H
		5725	55.33	-12.87	68.2	50.47	31.91	7.85	34.9	198	27	P	H
		5700	102.67	-	-	97.94	31.78	7.85	34.9	201	28	P	V
		5700	94.94	-	-	90.21	31.78	7.85	34.9	201	28	A	V
		5726.12	64.56	-3.64	68.2	59.7	31.91	7.85	34.9	201	28	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11000	47.1	-26.9	74	51.4	40.59	13.41	58.3	163	230	P	H
HT20		16500	47	-21.2	68.2	51.55	38.94	15.35	58.84	196	273	P	H
CH 100		11000	47.1	-26.9	74	51.4	40.59	13.41	58.3	155	212	P	V
5500MHz		16500	47.8	-20.4	68.2	52.35	38.94	15.35	58.84	178	296	P	V
802.11n		11160	47.72	-26.28	74	51.6	40.8	13.43	58.11	183	32	P	H
HT20		16740	47.17	-21.03	68.2	50.42	39.93	15.4	58.58	163	332	P	H
CH 116		11160	47	-27	74	50.88	40.8	13.43	58.11	170	200	P	V
5580MHz		16740	47.3	-20.9	68.2	50.55	39.93	15.4	58.58	156	350	P	V
802.11n		11400	47.73	-26.27	74	51.04	41.08	13.46	57.85	157	285	P	H
HT20		17100	47.25	-20.95	68.2	48.36	41.6	15.45	58.16	165	246	P	H
CH 140		11400	47.83	-26.17	74	51.14	41.08	13.46	57.85	122	291	P	V
5700MHz		17100	47.01	-21.19	68.2	48.12	41.6	15.45	58.16	153	102	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.72	56.77	-17.23	74	52.19	31.51	7.96	34.89	254	21	P	H
		5468.08	61.93	-6.27	68.2	57.41	31.52	7.9	34.9	254	21	P	H
		5459.92	41.22	-12.78	54	36.64	31.51	7.96	34.89	254	21	A	H
		5510	99.5	-	-	95.01	31.54	7.85	34.9	254	21	P	H
802.11n		5510	92.04	-	-	87.55	31.54	7.85	34.9	254	21	A	H
HT40		5733.5	43.55	-24.65	68.2	38.69	31.91	7.85	34.9	254	21	P	H
CH 102		5459.44	55.3	-18.7	74	50.72	31.51	7.96	34.89	241	31	P	V
5510MHz		5469.76	60.44	-7.76	68.2	55.92	31.52	7.9	34.9	241	31	P	V
		5459.92	40.28	-13.72	54	35.7	31.51	7.96	34.89	241	31	A	V
		5510	99.55	-	-	95.06	31.54	7.85	34.9	241	31	P	V
		5510	92.08	-	-	87.59	31.54	7.85	34.9	241	31	A	V
		5760.275	45.09	-23.11	68.2	40.07	32.03	7.89	34.9	241	31	P	V
		5457.76	58.81	-15.19	74	54.23	31.51	7.96	34.89	252	27	P	H
		5467.12	59.56	-8.64	68.2	55.04	31.52	7.9	34.9	252	27	P	H
		5459.92	46.48	-7.52	54	41.9	31.51	7.96	34.89	252	27	A	H
		5550	103.28	-	-	98.83	31.56	7.79	34.9	252	27	P	H
802.11n		5550	96.82	-	-	92.37	31.56	7.79	34.9	252	27	A	H
HT40		5754.29	44.81	-23.39	68.2	39.79	32.03	7.89	34.9	252	27	P	H
CH 110		5452.72	56.92	-17.08	74	52.34	31.51	7.96	34.89	241	35	P	V
5550MHz		5463.76	58.02	-10.18	68.2	53.44	31.52	7.96	34.9	241	35	P	V
		5459.68	41.54	-12.46	54	36.96	31.51	7.96	34.89	241	35	A	V
		5550	103.83	-	-	99.38	31.56	7.79	34.9	241	35	P	V
		5550	96.89	-	-	92.44	31.56	7.79	34.9	241	35	A	V
		5757.125	45.81	-22.39	68.2	40.79	32.03	7.89	34.9	241	35	P	V

		5417.9	43.72	-30.28	74	39.11	31.49	8.01	34.89	230	27	P	H
		5463.75	43.65	-24.55	68.2	39.07	31.52	7.96	34.9	230	27	P	H
		5445.9	35.27	-18.73	54	30.69	31.51	7.96	34.89	230	27	A	H
		5670	100.44	-	-	95.8	31.72	7.82	34.9	230	27	P	H
802.11n		5670	93.22	-	-	88.58	31.72	7.82	34.9	230	27	A	H
HT40		5726.85	57.9	-10.3	68.2	53.04	31.91	7.85	34.9	230	27	P	H
CH 134		5439.6	44.3	-29.7	74	39.73	31.5	7.96	34.89	229	27	P	V
5670MHz		5460.6	42.49	-25.71	68.2	37.91	31.51	7.96	34.89	229	27	P	V
		5446.6	34.74	-19.26	54	30.16	31.51	7.96	34.89	229	27	A	V
		5670	103.34	-	-	98.7	31.72	7.82	34.9	229	27	P	V
		5670	96.39	-	-	91.75	31.72	7.82	34.9	229	27	A	V
		5725.275	63.81	-4.39	68.2	58.95	31.91	7.85	34.9	229	27	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11020	47.68	-26.32	74	51.94	40.61	13.41	58.28	170	230	P	H
HT40		16530	47.44	-20.76	68.2	51.8	39.08	15.36	58.8	160	300	P	H
CH 102		11020	47.3	-26.7	74	51.56	40.61	13.41	58.28	170	230	P	V
5510MHz		16530	47.43	-20.77	68.2	51.79	39.08	15.36	58.8	160	300	P	V
802.11n		11100	47.8	-26.2	74	51.86	40.71	13.42	58.19	160	220	P	H
HT40		16650	47.24	-20.96	68.2	50.95	39.58	15.38	58.67	180	353	P	H
CH 110		11100	47.11	-26.89	74	51.17	40.71	13.42	58.19	155	210	P	V
5550MHz		16650	47.47	-20.73	68.2	51.18	39.58	15.38	58.67	171	352	P	V
802.11n		11340	47.64	-26.36	74	51.12	41	13.45	57.93	195	335	P	H
HT40		17010	47.7	-20.5	68.2	49.44	41.1	15.44	58.28	205	310	P	H
CH 134		11340	47.07	-26.93	74	50.55	41	13.45	57.93	205	325	P	V
5670MHz		17010	47.36	-20.84	68.2	49.1	41.1	15.44	58.28	185	290	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5453.92	59.99	-14.01	74	55.41	31.51	7.96	34.89	239	42	P	H
		5461.36	63.97	-4.23	68.2	59.39	31.51	7.96	34.89	239	42	P	H
		5459.92	49.79	-4.21	54	45.21	31.51	7.96	34.89	239	42	A	H
		5530	98.55	-	-	94.06	31.54	7.85	34.9	239	42	P	H
802.11ac		5530	92.03	-	-	87.54	31.54	7.85	34.9	239	42	A	H
VHT80		5753.03	44.8	-23.4	68.2	39.78	32.03	7.89	34.9	239	42	P	H
CH 106		5457.04	61.67	-12.33	74	57.09	31.51	7.96	34.89	242	25	P	V
5530MHz		5466.16	61.79	-6.41	68.2	57.27	31.52	7.9	34.9	242	25	P	V
		5459.92	48.77	-5.23	54	44.19	31.51	7.96	34.89	242	25	A	V
		5530	98.38	-	-	93.89	31.54	7.85	34.9	242	25	P	V
		5530	91.65	-	-	87.16	31.54	7.85	34.9	242	25	A	V
		5759.645	44.8	-23.4	68.2	39.78	32.03	7.89	34.9	242	25	P	V
		5457.04	52.17	-21.83	74	47.59	31.51	7.96	34.89	238	39	P	H
		5469.28	56.3	-11.9	68.2	51.78	31.52	7.9	34.9	238	39	P	H
		5459.92	42.2	-11.8	54	37.62	31.51	7.96	34.89	238	39	A	H
		5610	99.79	-	-	95.37	31.58	7.74	34.9	238	39	P	H
802.11ac		5610	92.16	-	-	87.74	31.58	7.74	34.9	238	39	A	H
VHT80		5726.85	56.42	-11.78	68.2	51.56	31.91	7.85	34.9	238	39	P	H
CH 122		5452.24	52.98	-21.02	74	48.4	31.51	7.96	34.89	238	21	P	V
5610MHz		5462.32	55.56	-12.64	68.2	50.98	31.51	7.96	34.89	238	21	P	V
		5459.92	41.35	-12.65	54	36.77	31.51	7.96	34.89	238	21	A	V
		5610	101.08	-	-	96.66	31.58	7.74	34.9	238	21	P	V
		5610	93.96	-	-	89.54	31.58	7.74	34.9	238	21	A	V
		5725.1	58.56	-9.64	68.2	53.7	31.91	7.85	34.9	238	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 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11060	47.48	-26.52	74	51.62	40.67	13.42	58.23	170	230	P	H
VHT80		16590	47.31	-20.89	68.2	51.4	39.29	15.37	58.75	155	305	P	H
CH 106		11060	47.23	-26.77	74	51.37	40.67	13.42	58.23	166	212	P	V
5530MHz		16590	47.75	-20.45	68.2	51.84	39.29	15.37	58.75	132	343	P	V
802.11ac		11220	47.45	-26.55	74	51.22	40.86	13.43	58.06	200	360	P	H
VHT80		16830	47.5	-20.7	68.2	50.29	40.29	15.41	58.49	170	315	P	H
CH 122		11220	47.52	-26.48	74	51.29	40.86	13.43	58.06	155	260	P	V
5610MHz		16830	47.14	-21.06	68.2	49.93	40.29	15.41	58.49	180	220	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 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 CH 100 5500MHz		5460.08	64.51	-3.69	68.2	59.93	31.51	7.96	34.89	250	47	P	H
		5470	65.12	-3.08	68.2	60.6	31.52	7.9	34.9	250	47	P	H
		5500	105.97	-	-	101.43	31.54	7.9	34.9	250	47	P	H
		5500	98.04	-	-	93.5	31.54	7.9	34.9	250	47	A	H
		5459.28	52.06	-21.94	74	47.48	31.51	7.96	34.89	224	343	P	V
		5468.56	60.19	-8.01	68.2	55.67	31.52	7.9	34.9	224	343	P	V
		5460	40.65	-13.35	54	36.07	31.51	7.96	34.89	224	343	A	V
		5500	105.68	-	-	101.14	31.54	7.9	34.9	224	343	P	V
		5500	97.57	-	-	93.03	31.54	7.9	34.9	224	343	A	V
802.11ax HE20 CH 116 5580MHz		5434	44.14	-29.86	74	39.57	31.5	7.96	34.89	242	47	P	H
		5463.04	44.48	-23.72	68.2	39.9	31.52	7.96	34.9	242	47	P	H
		5453.68	35.83	-18.17	54	31.25	31.51	7.96	34.89	242	47	A	H
		5580	107.73	-	-	103.27	31.57	7.79	34.9	242	47	P	H
		5580	101.29	-	-	96.83	31.57	7.79	34.9	242	47	A	H
		5757.44	44.74	-23.46	68.2	39.72	32.03	7.89	34.9	242	47	P	H
		5428	44.43	-29.57	74	39.87	31.49	7.96	34.89	218	341	P	V
		5467.84	43.24	-24.96	68.2	38.72	31.52	7.9	34.9	218	341	P	V
		5429.92	35.22	-18.78	54	30.65	31.5	7.96	34.89	218	341	A	V
		5580	107.84	-	-	103.38	31.57	7.79	34.9	218	341	P	V
		5580	100.11	-	-	95.65	31.57	7.79	34.9	218	341	A	V
		5759.645	45.17	-23.03	68.2	40.15	32.03	7.89	34.9	218	341	P	V

802.11ax HE20 CH 140 5700MHz		5700	101.83	-	-	97.1	31.78	7.85	34.9	233	51	P	H
		5700	93.34	-	-	88.61	31.78	7.85	34.9	233	51	A	H
		5727	57.62	-10.58	68.2	52.76	31.91	7.85	34.9	233	51	P	H
		5700	103.17	-	-	98.44	31.78	7.85	34.9	232	15	P	V
		5700	95.99	-	-	91.26	31.78	7.85	34.9	232	15	A	V
		5726.76	60.3	-7.9	68.2	55.44	31.91	7.85	34.9	232	15	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ax HE20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11000	47.5	-26.5	74	51.8	40.59	13.41	58.3	163	230	P	H
HE20		16500	47.19	-21.01	68.2	51.74	38.94	15.35	58.84	196	273	P	H
CH 100		11000	47.61	-26.39	74	51.91	40.59	13.41	58.3	155	212	P	V
5500MHz		16500	47.33	-20.87	68.2	51.88	38.94	15.35	58.84	178	296	P	V
802.11ax		11160	47.85	-26.15	74	51.73	40.8	13.43	58.11	183	32	P	H
HE20		16740	47.84	-20.36	68.2	51.09	39.93	15.4	58.58	163	332	P	H
CH 116		11160	47.54	-26.46	74	51.42	40.8	13.43	58.11	170	200	P	V
5580MHz		16740	47.91	-20.29	68.2	51.16	39.93	15.4	58.58	156	350	P	V
802.11ax		11400	47.24	-26.76	74	50.55	41.08	13.46	57.85	157	285	P	H
HE20		17100	47.93	-20.27	68.2	49.04	41.6	15.45	58.16	165	246	P	H
CH 140		11400	47.58	-26.42	74	50.89	41.08	13.46	57.85	122	291	P	V
5700MHz		17100	47.26	-20.94	68.2	48.37	41.6	15.45	58.16	153	102	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 RU (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5424.4	46.39	-27.61	74	41.78	31.49	8.01	34.89	244	45	P	H
		5465.36	46.07	-22.13	68.2	41.49	31.52	7.96	34.9	244	45	P	H
		5414.8	35.71	-18.29	54	31.1	31.49	8.01	34.89	244	45	A	H
802.11ax		5500	103.06	-	-	98.52	31.54	7.9	34.9	244	45	P	H
HE20		5500	97.43	-	-	92.89	31.54	7.9	34.9	244	45	A	H
CH 100		5362.48	46.07	-27.93	74	41.45	31.47	8.02	34.87	178	31	P	V
5500MHz		5468.4	45.73	-22.47	68.2	41.21	31.52	7.9	34.9	178	31	P	V
		5445.36	35.36	-18.64	54	30.79	31.5	7.96	34.89	178	31	A	V
		5500	100.66	-	-	96.12	31.54	7.9	34.9	178	31	P	V
		5500	93.64	-	-	89.1	31.54	7.9	34.9	178	31	A	V
		5700	102.14	-	-	97.41	31.78	7.85	34.9	238	45	P	H
802.11ax		5700	96.33	-	-	91.6	31.78	7.85	34.9	238	45	A	H
HE20		5725.16	48.92	-19.28	68.2	44.06	31.91	7.85	34.9	238	45	P	H
CH 140		5700	100.84	-	-	96.11	31.78	7.85	34.9	136	10	P	V
5700MHz		5700	94.2	-	-	89.47	31.78	7.85	34.9	136	10	A	V
		5725.08	50.82	-17.38	68.2	45.96	31.91	7.85	34.9	136	10	P	V

Remark

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

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11000	46.95	-27.05	74	51.25	40.59	13.41	58.3	163	230	P	H
HE20		16500	47.31	-20.89	68.2	51.86	38.94	15.35	58.84	196	273	P	H
CH 100		11000	47.08	-26.92	74	51.38	40.59	13.41	58.3	155	212	P	V
5500MHz		16500	47.62	-20.58	68.2	52.17	38.94	15.35	58.84	178	296	P	V
802.11ax		11400	47.36	-26.64	74	50.67	41.08	13.46	57.85	157	285	P	H
HE20		17100	47.7	-20.5	68.2	48.81	41.6	15.45	58.16	165	246	P	H
CH 140		11400	47.96	-26.04	74	51.27	41.08	13.46	57.85	122	291	P	V
5700MHz		17100	47.85	-20.35	68.2	48.96	41.6	15.45	58.16	153	102	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ax HE40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.96	58.97	-15.03	74	54.39	31.51	7.96	34.89	251	28	P	H
		5469.04	63.92	-4.28	68.2	59.4	31.52	7.9	34.9	251	28	P	H
		5459.68	42.08	-11.92	54	37.5	31.51	7.96	34.89	251	28	A	H
		5510	99.67	-	-	95.18	31.54	7.85	34.9	251	28	P	H
802.11ax		5510	92.01	-	-	87.52	31.54	7.85	34.9	251	28	A	H
HE40		5759.33	44.76	-23.44	68.2	39.74	32.03	7.89	34.9	251	28	P	H
CH 102		5459.92	52.65	-21.35	74	48.07	31.51	7.96	34.89	200	344	P	V
5510MHz		5469.28	57.76	-10.44	68.2	53.24	31.52	7.9	34.9	200	344	P	V
		5459.68	40.52	-13.48	54	35.94	31.51	7.96	34.89	200	344	A	V
		5510	99.27	-	-	94.78	31.54	7.85	34.9	200	344	P	V
		5510	91.8	-	-	87.31	31.54	7.85	34.9	200	344	A	V
		5760.59	45.77	-22.43	68.2	40.75	32.03	7.89	34.9	200	344	P	V
		5458.96	55.63	-18.37	74	51.05	31.51	7.96	34.89	253	22	P	H
		5466.88	58.39	-9.81	68.2	53.87	31.52	7.9	34.9	253	22	P	H
		5459.92	44.7	-9.3	54	40.12	31.51	7.96	34.89	253	22	A	H
		5550	103.99	-	-	99.54	31.56	7.79	34.9	253	22	P	H
802.11ax		5550	95.94	-	-	91.49	31.56	7.79	34.9	253	22	A	H
HE40		5759.645	45.2	-23	68.2	40.18	32.03	7.89	34.9	253	22	P	H
CH 110		5459.68	53.02	-20.98	74	48.44	31.51	7.96	34.89	200	344	P	V
5550MHz		5466.16	57.24	-10.96	68.2	52.72	31.52	7.9	34.9	200	344	P	V
		5459.92	43.71	-10.29	54	39.13	31.51	7.96	34.89	200	344	A	V
		5550	104.92	-	-	100.47	31.56	7.79	34.9	200	344	P	V
		5550	97.04	-	-	92.59	31.56	7.79	34.9	200	344	A	V
		5759.96	46.34	-21.86	68.2	41.32	32.03	7.89	34.9	200	344	P	V

		5362.95	44.5	-29.5	74	39.89	31.47	8.02	34.88	248	32	P	H
		5461.65	44.75	-23.45	68.2	40.17	31.51	7.96	34.89	248	32	P	H
		5445.55	34.85	-19.15	54	30.27	31.51	7.96	34.89	248	32	A	H
		5670	101.58	-	-	96.94	31.72	7.82	34.9	248	32	P	H
802.11ax		5670	93.93	-	-	89.29	31.72	7.82	34.9	248	32	A	H
HE40		5726.15	57.3	-10.9	68.2	52.44	31.91	7.85	34.9	248	32	P	H
CH 134		5378.35	43.71	-30.29	74	39.09	31.48	8.02	34.88	222	20	P	V
5670MHz		5463.05	43.01	-25.19	68.2	38.43	31.52	7.96	34.9	222	20	P	V
		5446.6	34.95	-19.05	54	30.37	31.51	7.96	34.89	222	20	A	V
		5670	104.04	-	-	99.4	31.72	7.82	34.9	222	20	P	V
		5670	96.09	-	-	91.45	31.72	7.82	34.9	222	20	A	V
		5726.675	64.17	-4.03	68.2	59.31	31.91	7.85	34.9	222	20	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 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11020	47.26	-26.74	74	51.52	40.61	13.41	58.28	170	230	P	H
HE40		16530	47.87	-20.33	68.2	52.23	39.08	15.36	58.8	160	300	P	H
CH 102		11020	47.93	-26.07	74	52.19	40.61	13.41	58.28	170	230	P	V
5510MHz		16530	47.77	-20.43	68.2	52.13	39.08	15.36	58.8	160	300	P	V
802.11ax		11100	47.01	-26.99	74	51.07	40.71	13.42	58.19	160	220	P	H
HE40		16650	47.18	-21.02	68.2	50.89	39.58	15.38	58.67	180	353	P	H
CH 110		11100	47.14	-26.86	74	51.2	40.71	13.42	58.19	155	210	P	V
5550MHz		16650	47.23	-20.97	68.2	50.94	39.58	15.38	58.67	171	352	P	V
802.11ax		11340	47.6	-26.4	74	51.08	41	13.45	57.93	195	335	P	H
HE40		17010	47.81	-20.39	68.2	49.55	41.1	15.44	58.28	205	310	P	H
CH 134		11340	47.29	-26.71	74	50.77	41	13.45	57.93	205	325	P	V
5670MHz		17010	47.01	-21.19	68.2	48.75	41.1	15.44	58.28	185	290	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5455.84	49.24	-24.76	74	44.66	31.51	7.96	34.89	210	33	P	H
		5469.28	61.4	-6.8	68.2	56.88	31.52	7.9	34.9	210	33	P	H
		5456.8	34.83	-19.17	54	30.25	31.51	7.96	34.89	210	33	A	H
		5510	99.39	-	-	94.9	31.54	7.85	34.9	210	33	P	H
802.11ax		5510	93.17	-	-	88.68	31.54	7.85	34.9	210	33	A	H
HE40		5739.8	45.6	-22.6	68.2	40.64	31.97	7.89	34.9	210	33	P	H
CH 102		5455.36	47.36	-26.64	74	42.78	31.51	7.96	34.89	198	335	P	V
5510MHz		5469.52	58.85	-9.35	68.2	54.33	31.52	7.9	34.9	198	335	P	V
		5456.8	34.76	-19.24	54	30.18	31.51	7.96	34.89	198	335	A	V
		5510	96.96	-	-	92.47	31.54	7.85	34.9	198	335	P	V
		5510	92.23	-	-	87.74	31.54	7.85	34.9	198	335	A	V
		5751.14	45.59	-22.61	68.2	40.63	31.97	7.89	34.9	198	335	P	V
		5448.7	45.12	-28.88	74	40.54	31.51	7.96	34.89	214	29	P	H
		5469.7	44.17	-24.03	68.2	39.65	31.52	7.9	34.9	214	29	P	H
		5445.2	34.67	-19.33	54	30.1	31.5	7.96	34.89	214	29	A	H
		5670	97.95	-	-	93.31	31.72	7.82	34.9	214	29	P	H
802.11ax		5670	92.12	-	-	87.48	31.72	7.82	34.9	214	29	A	H
HE40		5737.175	46.86	-21.34	68.2	41.94	31.97	7.85	34.9	214	29	P	H
CH 134		5443.45	44.67	-29.33	74	40.1	31.5	7.96	34.89	160	334	P	V
5670MHz		5461.65	44.8	-23.4	68.2	40.22	31.51	7.96	34.89	160	334	P	V
		5446.6	34.68	-19.32	54	30.1	31.51	7.96	34.89	160	334	A	V
		5670	98.12	-	-	93.48	31.72	7.82	34.9	160	334	P	V
		5670	93	-	-	88.36	31.72	7.82	34.9	160	334	A	V
		5758.875	44.76	-23.44	68.2	39.74	32.03	7.89	34.9	160	334	P	V

Remark

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

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11020	47.38	-26.62	74	51.64	40.61	13.41	58.28	170	230	P	H
HE40		16530	47.51	-20.69	68.2	51.87	39.08	15.36	58.8	160	300	P	H
CH 102		11020	47.27	-26.73	74	51.53	40.61	13.41	58.28	170	230	P	V
5510MHz		16530	47.68	-20.52	68.2	52.04	39.08	15.36	58.8	160	300	P	V
802.11ax		11340	47.39	-26.61	74	50.87	41	13.45	57.93	195	335	P	H
HE40		17010	47.01	-21.19	68.2	48.75	41.1	15.44	58.28	205	310	P	H
CH 134		11340	47.58	-26.42	74	51.06	41	13.45	57.93	205	325	P	V
5670MHz		17010	47.87	-20.33	68.2	49.61	41.1	15.44	58.28	185	290	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ax HE80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5453.44	50.36	-23.64	74	41.39	31.7	10.38	33.11	100	60	P	H
		5470	51.38	-16.82	68.2	42.29	31.77	10.43	33.11	100	60	P	H
		5457.28	44.2	-9.8	54	35.23	31.7	10.38	33.11	100	60	A	H
	*	5530	97	-	-	87.8	31.83	10.47	33.1	100	60	P	H
802.11ax		5530	90.84	-	-	81.64	31.83	10.47	33.1	100	60	A	H
HE80		5741.375	46.9	-21.3	68.2	37.28	32.1	10.62	33.1	100	60	P	H
CH 106		5450.08	49.33	-24.67	74	40.36	31.7	10.38	33.11	133	13	P	V
5530MHz		5460.88	49.9	-18.3	68.2	40.93	31.7	10.38	33.11	133	13	P	V
		5454.4	41.7	-12.3	54	32.73	31.7	10.38	33.11	133	13	A	V
	*	5530	94.27	-	-	85.07	31.83	10.47	33.1	133	13	P	V
		5530	87.51	-	-	78.31	31.83	10.47	33.1	133	13	A	V
		5754.92	47.22	-20.98	68.2	37.57	32.13	10.62	33.1	133	13	P	V
		5458	52.91	-21.09	74	48.33	31.51	7.96	34.89	244	40	P	H
		5462.08	54.17	-14.03	68.2	49.59	31.51	7.96	34.89	244	40	P	H
		5459.92	42.92	-11.08	54	38.34	31.51	7.96	34.89	244	40	A	H
	*	5610	101.53	-	-	97.11	31.58	7.74	34.9	244	40	P	H
802.11ax		5610	93.36	-	-	88.94	31.58	7.74	34.9	244	40	A	H
HE80		5730.875	55.94	-12.26	68.2	51.08	31.91	7.85	34.9	244	40	P	H
CH 122		5459.68	52.09	-21.91	74	47.51	31.51	7.96	34.89	194	343	P	V
5610MHz		5468.32	54.96	-13.24	68.2	50.44	31.52	7.9	34.9	194	343	P	V
		5459.92	40.91	-13.09	54	36.33	31.51	7.96	34.89	194	343	A	V
	*	5610	101.06	-	-	96.64	31.58	7.74	34.9	194	343	P	V
		5610	92.97	-	-	88.55	31.58	7.74	34.9	194	343	A	V
		5728.775	56.17	-12.03	68.2	51.31	31.91	7.85	34.9	194	343	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ax HE80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11060	47.27	-26.73	74	51.41	40.67	13.42	58.23	170	230	P	H
HE80		16590	47.46	-20.74	68.2	51.55	39.29	15.37	58.75	155	305	P	H
CH 106		11060	47.7	-26.3	74	51.84	40.67	13.42	58.23	166	212	P	V
5530MHz		16590	47.55	-20.65	68.2	51.64	39.29	15.37	58.75	132	343	P	V
802.11ax		11220	47.08	-26.92	74	50.85	40.86	13.43	58.06	200	360	P	H
HE80		16830	47.65	-20.55	68.2	50.44	40.29	15.41	58.49	170	315	P	H
CH 122		11220	47.32	-26.68	74	51.09	40.86	13.43	58.06	155	260	P	V
5610MHz		16830	47.41	-20.79	68.2	50.2	40.29	15.41	58.49	180	220	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5441.92	48.86	-25.14	74	44.29	31.5	7.96	34.89	235	59	P	H
		5470	50.3	-17.9	68.2	45.78	31.52	7.9	34.9	235	59	P	H
		5454.16	35.17	-18.83	54	30.59	31.51	7.96	34.89	235	59	A	H
	*	5530	96.26	-	-	91.77	31.54	7.85	34.9	235	59	P	H
802.11ax		5530	88	-	-	83.51	31.54	7.85	34.9	235	59	A	H
HE80		5761.85	46.82	-21.38	68.2	41.8	32.03	7.89	34.9	235	59	P	H
CH 106		5443.12	47.33	-26.67	74	42.76	31.5	7.96	34.89	208	326	P	V
5530MHz		5468.32	47.72	-20.48	68.2	43.2	31.52	7.9	34.9	208	326	P	V
		5445.76	35.1	-18.9	54	30.52	31.51	7.96	34.89	208	326	A	V
	*	5530	97.64	-	-	93.15	31.54	7.85	34.9	208	326	P	V
		5530	88.72	-	-	84.23	31.54	7.85	34.9	208	326	A	V
		5730.98	46.03	-22.17	68.2	41.17	31.91	7.85	34.9	208	326	P	V
		5417.92	45.79	-28.21	74	41.18	31.49	8.01	34.89	240	31	P	H
		5469.28	45.09	-23.11	68.2	40.57	31.52	7.9	34.9	240	31	P	H
		5444.56	35.02	-18.98	54	30.45	31.5	7.96	34.89	240	31	A	H
	*	5610	92.65	-	-	88.23	31.58	7.74	34.9	240	31	P	H
802.11ax		5610	87.22	-	-	82.8	31.58	7.74	34.9	240	31	A	H
HE80		5750.125	46.86	-21.34	68.2	41.9	31.97	7.89	34.9	240	31	P	H
CH 122		5443.6	45.97	-28.03	74	41.4	31.5	7.96	34.89	215	326	P	V
5610MHz		5468.8	45.58	-22.62	68.2	41.06	31.52	7.9	34.9	215	326	P	V
		5445.52	35.03	-18.97	54	30.45	31.51	7.96	34.89	215	326	A	V
	*	5610	94.21	-	-	89.79	31.58	7.74	34.9	215	326	P	V
		5610	87.69	-	-	83.27	31.58	7.74	34.9	215	326	A	V
		5762.725	45.85	-22.35	68.2	40.83	32.03	7.89	34.9	215	326	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 RU (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11060	46.74	-27.26	74	50.88	40.67	13.42	58.23	170	230	P	H
HE80		16590	47.13	-21.07	68.2	51.22	39.29	15.37	58.75	155	305	P	H
CH 106		11060	46.87	-27.13	74	51.01	40.67	13.42	58.23	170	230	P	V
5530MHz		16590	47.89	-20.31	68.2	51.98	39.29	15.37	58.75	155	305	P	V
802.11ax		11220	47.08	-26.92	74	50.85	40.86	13.43	58.06	200	360	P	H
HE80		16830	47.87	-20.33	68.2	50.66	40.29	15.41	58.49	170	315	P	H
CH 122		11220	47.2	-26.8	74	50.97	40.86	13.43	58.06	200	360	P	V
5610MHz		16830	47.94	-20.26	68.2	50.73	40.29	15.41	58.49	170	315	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 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		11440	47.08	-26.92	74	50.32	41.12	13.46	57.82	157	285	P	H
		17160	46.57	-21.63	68.2	47.17	42	15.46	58.06	165	246	P	H
		11440	47.67	-26.33	74	50.91	41.12	13.46	57.82	122	291	P	V
		17160	47.23	-20.97	68.2	47.83	42	15.46	58.06	153	102	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 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n		11440	46.92	-27.08	74	50.16	41.12	13.46	57.82	157	285	P	H
HT20		17160	47.36	-20.84	68.2	47.96	42	15.46	58.06	165	246	P	H
CH 144		11440	47.23	-26.77	74	50.47	41.12	13.46	57.82	122	291	P	V
5720MHz		17160	47.62	-20.58	68.2	48.22	42	15.46	58.06	153	102	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 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		11420	47.07	-26.93	74	50.34	41.1	13.46	57.83	157	285	P	H
		17130	47.59	-20.61	68.2	48.44	41.8	15.46	58.11	165	246	P	H
		11420	47.1	-26.9	74	50.37	41.1	13.46	57.83	122	291	P	V
		17130	47.88	-20.32	68.2	48.73	41.8	15.46	58.11	153	102	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 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac		11380	47.88	-26.12	74	51.24	41.06	13.45	57.87	195	335	P	H
VHT80		17070	47.61	-20.59	68.2	48.98	41.4	15.44	58.21	205	310	P	H
CH 138		11380	47.48	-26.52	74	50.84	41.06	13.45	57.87	205	325	P	V
5690MHz		17070	47.64	-20.56	68.2	49.01	41.4	15.44	58.21	185	290	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 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11440	47.05	-26.95	74	50.29	41.12	13.46	57.82	157	285	P	H
HE20		17160	47.76	-20.44	68.2	48.36	42	15.46	58.06	165	246	P	H
CH 144		11440	47.63	-26.37	74	50.87	41.12	13.46	57.82	122	291	P	V
5720MHz		17160	47.6	-20.6	68.2	48.2	42	15.46	58.06	153	102	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 RU (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11440	47.02	-26.98	74	50.26	41.12	13.46	57.82	157	360	P	H
HE20		17160	47.94	-20.26	68.2	48.54	42	15.46	58.06	157	0	P	H
CH 144		11440	46.81	-27.19	74	50.05	41.12	13.46	57.82	157	360	P	V
5720MHz		17160	47.21	-20.99	68.2	47.81	42	15.46	58.06	157	0	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11420	47.6	-26.4	74	50.87	41.1	13.46	57.83	157	285	P	H
HE40		17130	47.73	-20.47	68.2	48.58	41.8	15.46	58.11	165	246	P	H
CH 142		11420	47.03	-26.97	74	50.3	41.1	13.46	57.83	122	291	P	V
5710MHz		17130	47.28	-20.92	68.2	48.13	41.8	15.46	58.11	153	102	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 RU (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11420	45.7	-28.3	74	26.9	41.1	13.46	35.76	157	360	P	H
HE40		17130	44.17	-24.03	68.2	23.08	41.8	15.46	36.17	157	0	P	H
CH 142		11420	47.85	-26.15	74	29.05	41.1	13.46	35.76	157	360	P	V
5710MHz		17130	44.53	-23.67	68.2	23.44	41.8	15.46	36.17	157	0	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ax HE80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11380	47.87	-26.13	74	51.23	41.06	13.45	57.87	195	335	P	H
HE80		17070	47.54	-20.66	68.2	48.91	41.4	15.44	58.21	205	310	P	H
CH 138		11380	47.42	-26.58	74	50.78	41.06	13.45	57.87	205	325	P	V
5690MHz		17070	47.4	-20.8	68.2	48.77	41.4	15.44	58.21	185	290	P	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		11380	47.76	-26.24	74	28.97	41.06	13.45	35.72	161	360	P	H
HE80		17070	47.04	-21.16	68.2	26.39	41.4	15.44	36.19	161	0	P	H
CH 138		11380	47.62	-26.38	74	28.83	41.06	13.45	35.72	161	360	P	V
5690MHz		17070	47.53	-20.67	68.2	26.88	41.4	15.44	36.19	161	0	P	V
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11ax HE20 (LF @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ax HE20 LF		30	22.9	-17.1	40	29.58	25.2	0.52	32.4	-	-	P	H
		312.27	26.2	-19.8	46	36.54	19.67	1.69	31.7	-	-	P	H
		422.85	27.57	-18.43	46	34.54	22.41	1.98	31.36	-	-	P	H
		607.15	29.13	-16.87	46	32.53	24.94	2.37	30.71	-	-	P	H
		741.01	28.91	-17.09	46	31.55	25.78	2.62	31.04	-	-	P	H
		948.59	29.46	-16.54	46	30.91	27.09	2.96	31.5	100	0	P	H
		30.97	26.86	-13.14	40	34.11	24.62	0.53	32.4	100	0	P	V
		156.1	27.1	-16.4	43.5	41.71	16.38	1.2	32.19	-	-	P	V
		209.45	27.23	-16.27	43.5	42.41	15.5	1.37	32.05	-	-	P	V
		519.85	28.43	-17.57	46	33.1	24.21	2.2	31.08	-	-	P	V
		628.49	29.29	-16.71	46	32.56	25.07	2.42	30.76	-	-	P	V
		917.55	29.22	-16.78	46	30.89	26.91	2.92	31.5	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

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

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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

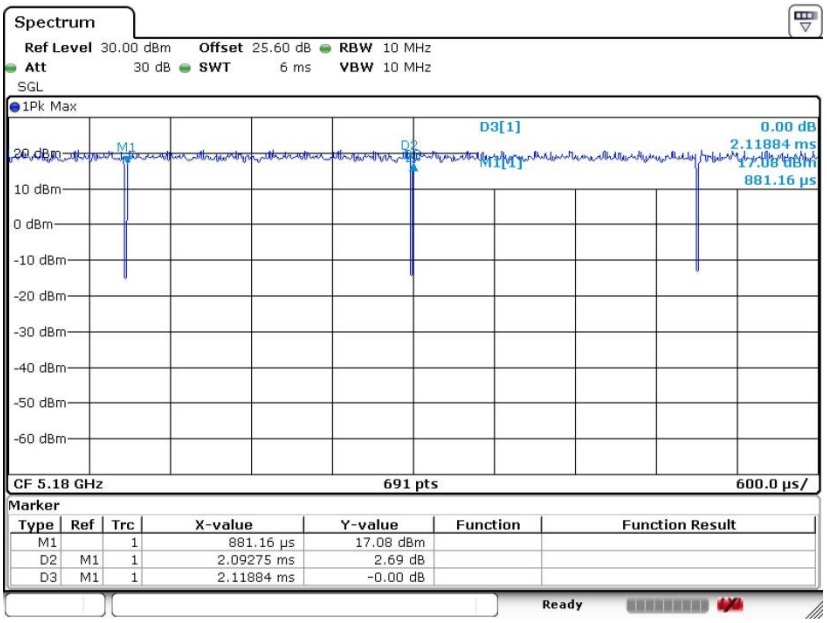
= -10.46(dB)

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

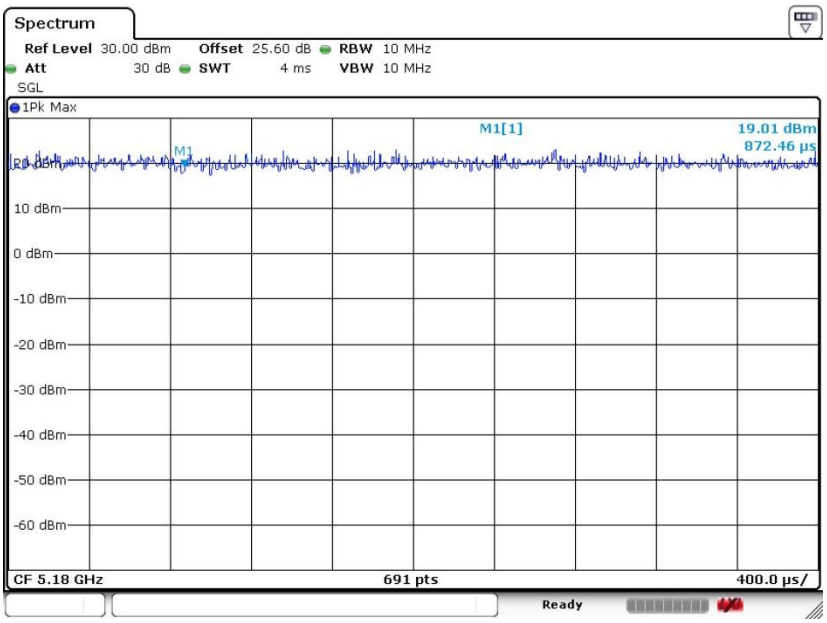
Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1+2	802.11a	98.77	-	-	10Hz
1+2	802.11n HT20	100	-	-	10Hz
1+2	802.11n HT40	100	-	-	10Hz
1+2	802.11ac VHT80	100	-	-	10Hz
1+2	802.11ax HE20	100	-	-	10Hz
1+2	802.11ax HE40	100	-	-	10Hz
1+2	802.11ax HE80	100	-	-	10Hz

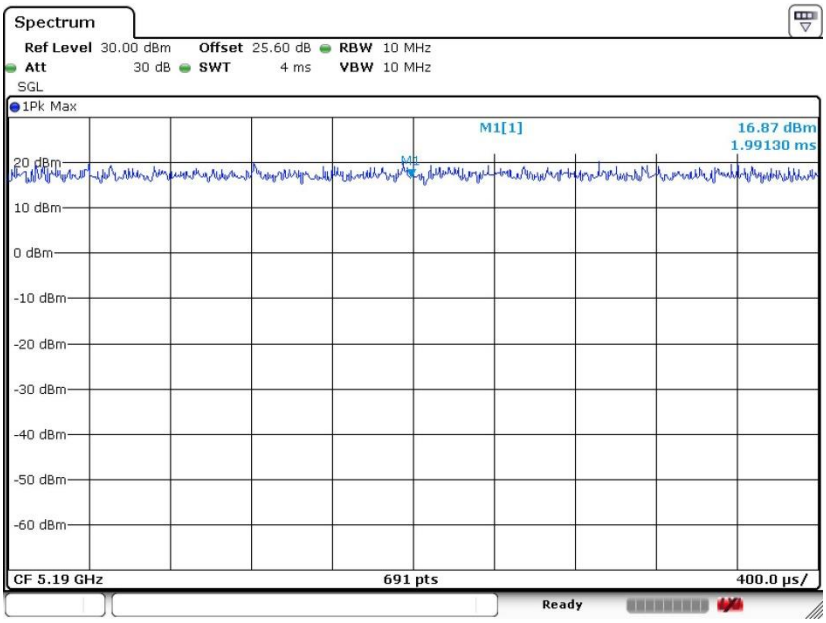
802.11a



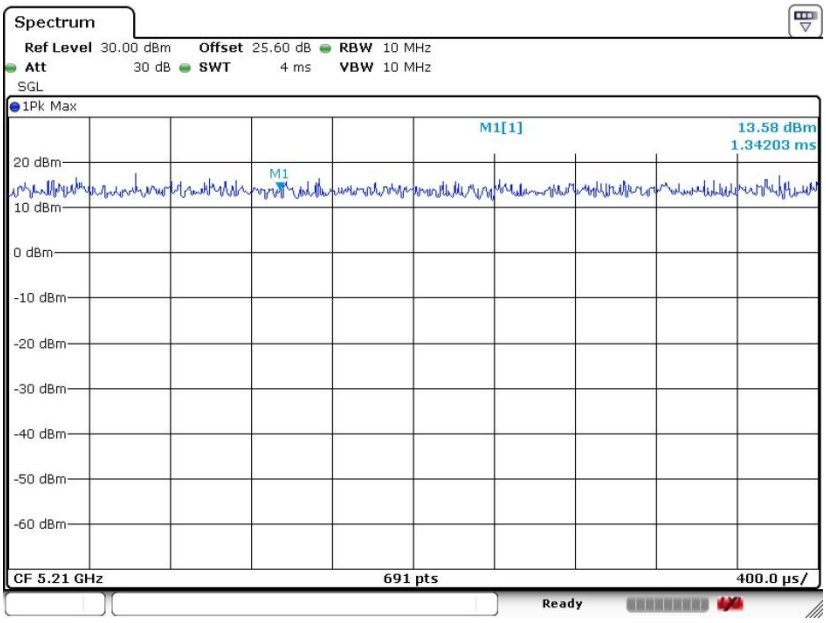
802.11n HT20



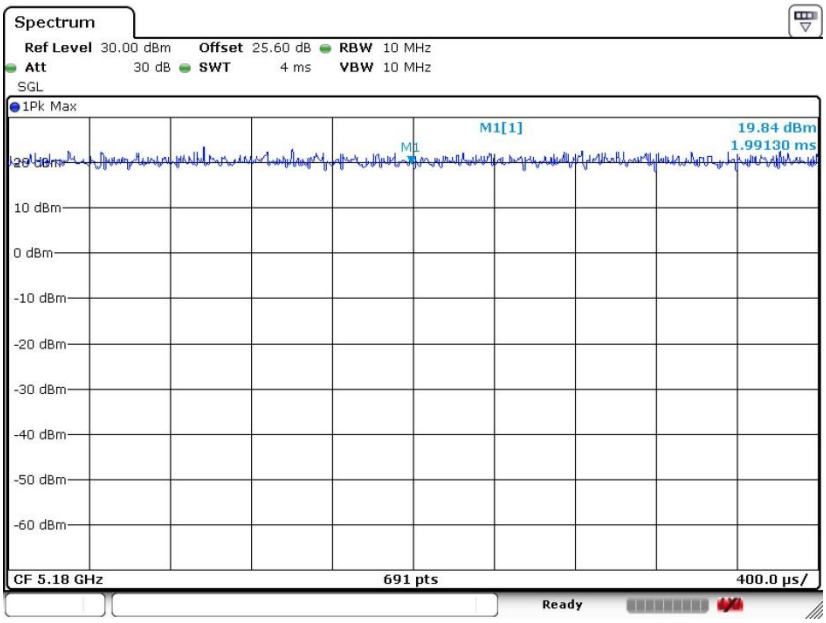
802.11n HT40



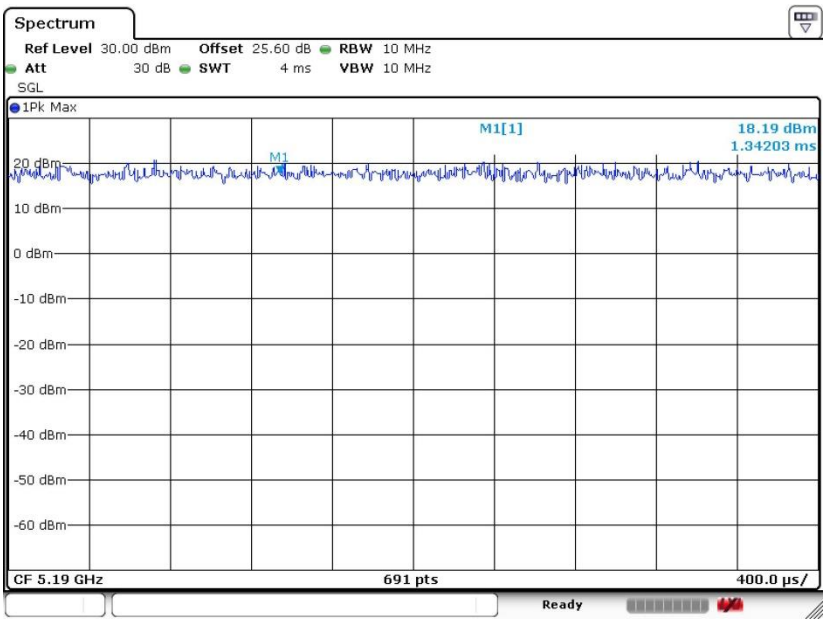
802.11ac VHT80



802.11ax HE20



802.11ax HE40



802.11ax HE80