FCC RF Test Report

APPLICANT	**:**	**Quill Royal LLC**
EQUIPMENT	**:**	**HDMI Digital Media Receiver**
MODEL NAME	**:**	**DV83YW**
FCC ID	**:**	**2ADU5-4902**
STANDARD	**:**	**FCC Part 15 Subpart E §15.407**
CLASSIFICATION	**:**	**(NII) Unlicensed National Information Infrastructure**

The testing was completed on Jun. 11, 2015. We, SPORTON INTERNATIONAL 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 INC., the test report shall not be reproduced except in full.

Reviewed by: Joseph Lin / Supervisor

Approved by: Jones Tsai / Manager

Testing Laboratory
1190

SPORTON INTERNATIONAL INC.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR511534-02D	Rev. 01	Initial issue of report	Jun. 08, 2015
FR511534-02D	Rev. 02	Update report of adding straddle channels at page 6/7 and adding Ch122/Ch138 at page 14.	Jul. 03, 2015
FR511534-02D	Rev. 03	Update report of revising conducted power	Jul. 10, 2015

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	2.1049 15.403(i)	26dB Bandwidth	-	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	≤ 24 dBm (depend on band)	Pass	-
3.3	15.407(a)	Power Spectral Density	≤ 11 dBm (depend on band)	Pass	-
3.4	15.407(b)	Unwanted Emissions	≤ -17, -27 dBm (depend on band)&15.209(a)	Pass	Under limit 0.50 dB at 5149.850 MHz
3.5	15.207	AC Conducted Emission	15.207(a)	Pass	Under limit 12.00 dB at 0.678 MHz
3.6	15.407(g)	Frequency Stability	Within Operation Band	Pass	-
3.7	15.407(c)	Automatically Discontinue Transmission	Discontinue Transmission	Pass	-
3.8	15.203 & 15.407(a)	Antenna Requirement	N/A	Pass	-

1 General Description

1.1 Applicant

Quill Royal LLC
950 Bannock Street, Suite 1100
Boise, Idaho 83702

1.2 Feature of Equipment Under Test

Product Feature	
Equipment	HDMI Digital Media Receiver
Model Name	DV83YW
FCC ID	2ADU5-4902
EUT supports Radios application	WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth v4.1 EDR/LE

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

1.3 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Tx/Rx Channel Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power	**<Ant. 1>** **<5180 MHz ~ 5240 MHz>** 802.11a : 19.50 dBm / 0.0891 W **<5260 MHz ~ 5320 MHz>** 802.11a : 19.62 dBm / 0.0916 W **<5500 MHz ~ 5700 MHz>** 802.11a : 19.76 dBm / 0.0946 W **<Straddle Band>** 802.11a : 19.43 dBm / 0.0877 W

Product Specification subjective to this standard	
Maximum Output Power	**SISO <Ant. 1>** **<5180 MHz ~ 5240 MHz>** 802.11n HT20 : 18.84 dBm / 0.0766 W 802.11n HT40 : 18.61 dBm / 0.0726 W 802.11ac VHT20 : 18.77 dBm / 0.0753 W 802.11ac VHT40 : 18.96 dBm / 0.0787 W 802.11ac VHT80 : 10.68 dBm / 0.0117 W **<5260 MHz ~ 5320 MHz>** 802.11n HT20 : 18.88 dBm / 0.0773 W 802.11n HT40 : 18.62 dBm / 0.0728 W 802.11ac VHT20 : 18.59 dBm / 0.0723 W 802.11ac VHT40 : 18.94 dBm / 0.0783 W 802.11ac VHT80 : 11.71 dBm / 0.0148 W **<5500 MHz ~ 5700 MHz>** 802.11n HT20 : 18.44 dBm / 0.0698 W 802.11n HT40 : 18.63 dBm / 0.0729 W 802.11ac VHT20 : 18.69 dBm / 0.0740 W 802.11ac VHT40 : 18.87 dBm / 0.0771 W 802.11ac VHT80 : 17.22 dBm / 0.0527 W **<Straddle Band>** 802.11n HT20 : 18.54 dBm / 0.0714 W 802.11n HT40 : 18.32 dBm / 0.0679 W 802.11ac VHT20 : 18.60 dBm / 0.0724 W 802.11ac VHT40 : 18.84 dBm / 0.0766 W 802.11ac VHT80 : 18.86 dBm / 0.0769 W **CDD<Ant. 1 + 2>** **<5180 MHz ~ 5240 MHz>** 802.11n HT20 : 21.35 dBm / 0.1365 W 802.11n HT40 : 21.39 dBm / 0.1377 W 802.11ac VHT20 : 21.21 dBm / 0.1321 W 802.11ac VHT40 : 21.48 dBm / 0.1406 W 802.11ac VHT80 : 11.50 dBm / 0.0141 W **<5260 MHz ~ 5320 MHz>** 802.11n HT20 : 21.45 dBm / 0.1396 W 802.11n HT40 : 21.46 dBm / 0.1400 W 802.11ac VHT20 : 21.38 dBm / 0.1374 W 802.11ac VHT40 : 21.12 dBm / 0.1294 W 802.11ac VHT80 : 15.13 dBm / 0.0326 W **<5500 MHz ~ 5700 MHz>** 802.11n HT20 : 21.13 dBm / 0.1297 W 802.11n HT40 : 19.13 dBm / 0.0818 W 802.11ac VHT20 : 21.06 dBm / 0.1276 W 802.11ac VHT40 : 20.52 dBm / 0.1127 W 802.11ac VHT80 : 17.68 dBm / 0.0586 W **<Straddle Band>** 802.11n HT20 : 20.92 dBm / 0.1236 W 802.11n HT40 : 21.50 dBm / 0.1413 W 802.11ac VHT20 : 21.06 dBm / 0.1276 W 802.11ac VHT40 : 21.16 dBm / 0.1306 W 802.11ac VHT80 : 21.28 dBm / 0.1343 W

<table>
<tr><th colspan="2">Product Specification subjective to this standard</th></tr>
<tr><td>Antenna Type</td><td><5180 MHz ~ 5240 MHz>
Ant. 1 : Fixed internal Antenna with gain 3.10 dBi
Ant. 2 : Fixed internal Antenna with gain 3.70 dBi
<5260 MHz ~ 5320 MHz>
Ant. 1 : Fixed internal Antenna with gain 3.10 dBi
Ant. 2 : Fixed internal Antenna with gain 3.80 dBi
<5500 MHz ~ 5720 MHz>
Ant. 1 : Fixed internal Antenna with gain 2.80 dBi
Ant. 2 : Fixed internal Antenna with gain 4.70 dBi</td></tr>
<tr><td>Type of Modulation</td><td>802.11a/n : OFDM (BPSK / QPSK / 16QAM / 64QAM)
802.11ac : OFDM (BPSK / QPSK / 16QAM / 64QAM / 256QAM)</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</td><td>V</td><td>-</td></tr><tr><td>802.11 n/ac SISO</td><td>V</td><td>V</td></tr><tr><td>802.11 n/ac CDD</td><td>V</td><td>V</td></tr></table></td></tr>
</table>

1.4 Modification of EUT

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

1.5 Testing Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1022 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

<table>
<tr><td>Test Site</td><td colspan="3">SPORTON INTERNATIONAL INC.</td></tr>
<tr><td>Test Site Location</td><td colspan="3">No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park,
Kwei-Shan District, Tao Yuan City, Taiwan, R.O.C.
TEL: +886-3-327-3456
FAX: +886-3-328-4978</td></tr>
<tr><td rowspan="2">Test Site No.</td><td colspan="3">Sporton Site No.</td></tr>
<tr><td>TH02-HY</td><td>CO05-HY</td><td>03CH07-HY</td></tr>
</table>

Note: The test site complies with ANSI C63.4 2009 requirement.

1.6 Applicable Standards

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

- FCC Part 15 Subpart E
- FCC KDB 789033 D02 General UNII Test Procedures New Rules v01
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- FCC KDB 644545 D03 Guidance for IEEE 802 11ac New Rules v01
- ANSI C63.10-2009

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. FCC permits the use of the 1.5 meter table as an alternative in C63.10-2013 through inquiry tracking number 961829.
3. 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

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: conducted emission (150 kHz to 30 MHz) and radiated 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 (X plane) were recorded in this report.

The final configuration from all the combinations and the worst-case data rates were investigated by measuring the maximum power across all the data rates and modulation modes under section 2.2.

Based on the worst configuration found above, the RF power setting is set individually to meet FCC compliance limit for the final conducted and radiated tests shown in section 2.3.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band I (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42#	5210		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band II (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58#	5290		

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band III (U-NII-2C)	100	5500	120	5600
	102*	5510	122#	5610
	104	5520	124	5620
	106#	5530	126*	5630
	108	5540	128	5640
	110*	5550	132	5660
	112	5560	134*	5670
	116	5580	136	5680
	118*	5590	140	5700

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

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 Pre-Scanned RF Power

Preliminary tests were performed in different data rate and data rate associated with the highest power were chosen for full test in the following tables. Final Output Power equals to Measured Output Power adds the duty factor.

<Ant. 1>

5GHz 802.11a mode								
Data Rate (MHz)	6M bps	9M bps	12M bps	18M bps	24M bps	36M bps	48M bps	54M bps
Average Power (dBm)	**19.76**	19.63	19.61	19.60	16.27	16.05	16.12	15.68

SISO <Ant. 1>

5GHz 802.11n HT20 mode								
Data Rate (MHz)	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Average Power (dBm)	**18.88**	18.86	18.85	18.81	16.93	16.58	16.54	16.51

5GHz 802.11n HT40 mode								
Data Rate (MHz)	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Average Power (dBm)	**18.63**	18.59	18.35	18.43	16.75	16.20	16.13	16.11

5GHz 802.11ac VHT20 mode									
Data Rate (MHz)	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
Average Power (dBm)	**18.77**	18.72	18.70	18.51	16.48	16.45	16.32	16.16	14.70

5GHz 802.11ac VHT40 mode										
Data Rate (MHz)	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
Average Power (dBm)	**18.96**	18.93	18.89	18.82	16.99	16.82	16.81	16.80	15.11	15.07

5GHz 802.11ac VHT80 mode										
Data Rate (MHz)	MCS0	MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
Average Power (dBm)	**17.22**	17.17	17.15	17.14	14.81	14.77	14.76	14.75	13.62	13.56

CDD <Ant. 1+2>

5GHz 802.11n HT20 mode								
Data Rate (MHz)	**MCS0**	**MCS1**	**MCS2**	**MCS3**	**MCS4**	**MCS5**	**MCS6**	**MCS7**
Average Power (dBm)	**21.45**	21.40	21.27	21.27	19.52	19.41	19.40	19.28

5GHz 802.11n HT40 mode								
Data Rate (MHz)	**MCS0**	**MCS1**	**MCS2**	**MCS3**	**MCS4**	**MCS5**	**MCS6**	**MCS7**
Average Power (dBm)	**21.46**	21.40	21.11	21.10	19.13	19.09	19.03	18.96

5GHz 802.11ac VHT20 mode									
Data Rate (MHz)	**MCS0**	**MCS1**	**MCS2**	**MCS3**	**MCS4**	**MCS5**	**MCS6**	**MCS7**	**MCS8**
Average Power (dBm)	**21.38**	21.37	21.36	21.35	19.14	19.07	19.05	19.03	17.55

5GHz 802.11ac VHT40 mode										
Data Rate (MHz)	**MCS0**	**MCS1**	**MCS2**	**MCS3**	**MCS4**	**MCS5**	**MCS6**	**MCS7**	**MCS8**	**MCS9**
Average Power (dBm)	**21.48**	21.39	21.36	21.35	19.34	19.32	19.31	19.30	17.52	17.50

5GHz 802.11ac VHT80 mode										
Data Rate (MHz)	**MCS0**	**MCS1**	**MCS2**	**MCS3**	**MCS4**	**MCS5**	**MCS6**	**MCS7**	**MCS8**	**MCS9**
Average Power (dBm)	**17.68**	17.64	17.63	17.14	15.70	15.68	15.67	15.60	14.63	14.76

Note: CDD Ant. 1+2 is a calculated result from sum of the power CDD Ant. 1 and CDD Ant. 2.

2.3 Test Mode

Final test mode of conducted test items and radiated spurious emissions are considering the modulation and worse data rates from the power table described in section 2.2.

Single Antenna

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

CDD Antenna

Modulation	Data Rate
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + MPEG4 (4k) + HDMI Cable (4k Resolution) + MicroSD Card (No Streaming) + RJ-45 (LAN) Load + USB flash drive (Streaming) + Adapter

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		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：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT20	802.11n HT20	802.11n HT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11n HT40	802.11n HT40	802.11n HT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

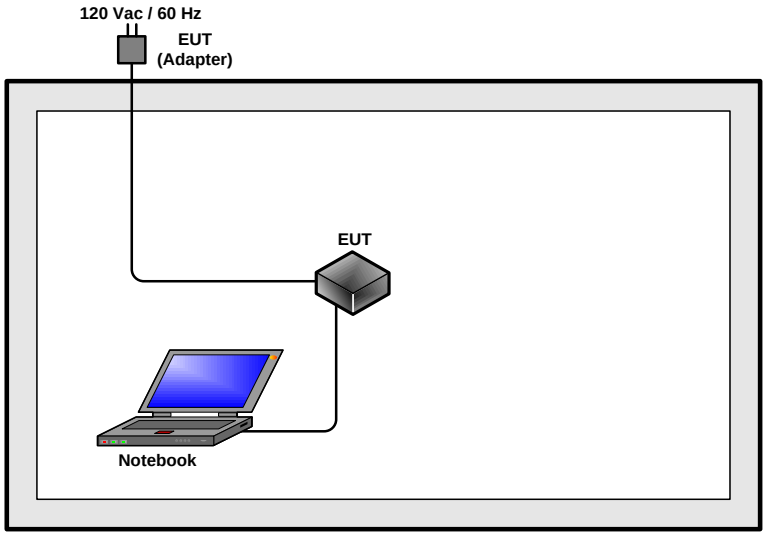
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
L	Low	36	52	100
M	Middle	44	60	116
H	High	48	64	140
Straddle		-	-	144

Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT40	802.11ac VHT40	802.11ac VHT40
L	Low	38	54	102
M	Middle	-	-	110
H	High	46	62	134
Straddle		-	-	142

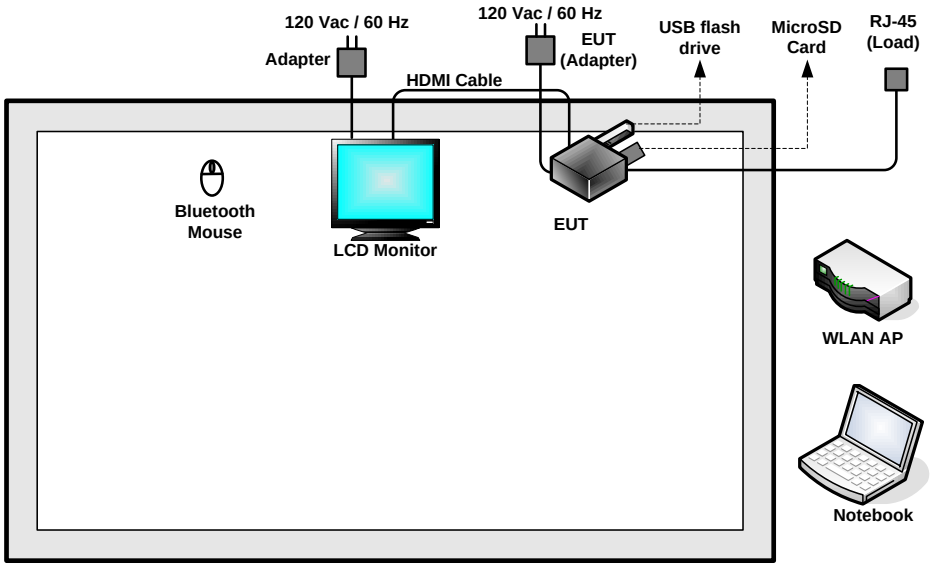
Ch. #		Band I：5150-5250 MHz	Band II：5250-5350 MHz	Band III：5470-5725MHz
		802.11ac VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	-
H	High	-	-	122
Straddle		-	-	138

2.4 Connection Diagram of Test System

<WLAN Tx Mode>



<AC Conducted Emission Mode>



2.5 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	WLAN AP	D-Link	DIR-628	KA2DIR628A2	N/A	Unshielded, 1.8 m
2.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
3.	Notebook	DELL	Latitude E3340	FCC DoC/ Contains FCC ID: PD97260NGU	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m
4.	LCD Monitor	DELL	P2715Qt	FCC DoC	Shielded, 1.6 m	Unshielded, 1.8 m
5.	Bluetooth Mouse	Logitech	M557	FCC DoC	N/A	N/A
6.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A
7.	RJ-45 Cable	N/A	N/A	N/A	N/A	N/A
8.	USB flash drive	N/A	N/A	N/A	N/A	N/A

2.6 EUT Operation Test Setup

For WLAN function, programmed RF utility installed in the notebook make the EUT provide functions like channel selection and power level for continuous transmitting and receiving signals.

2.7 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10dB attenuator.

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

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 26dB Bandwidth Measurement

3.1.1 Description of 26dB Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

For Straddle Channel, U-NII procedures and limits were applied for operations in the frequency band in accordance with FCC KDB 644545 D03.

3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

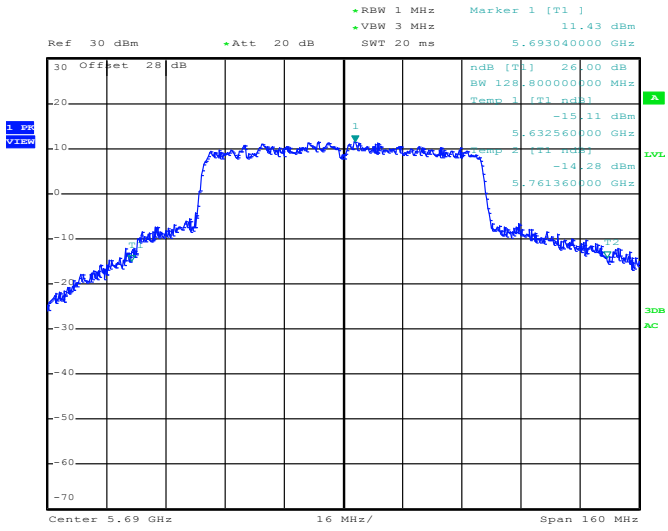
1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01. Section C) Emission bandwidth
2. Set RBW = approximately 1% of the emission bandwidth.
3. Set the VBW > RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 26 dB down 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. Measure and record the results in the test report.

3.1.4 Test Setup

3.1.5 Test Result of 26dB Bandwidth

Please refer to Appendix A.

Maximum 26dB Bandwidth



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3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

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 5.25–5.35 GHz and 5.47–5.725 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, U-NII procedures and limits were applied for operations in the frequency band in accordance with FCC KDB 644545 D03.

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 v01.

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

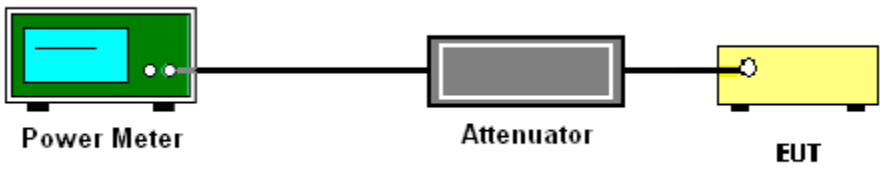
1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit continuously with a consistent duty cycle at its maximum power control level.
3. Measure the average power of the transmitter, and the average power is corrected with duty factor, 10 log(1/x), where x is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

For straddle channel, the testing follows Method SA-3 (RMS detection with max hold) of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.

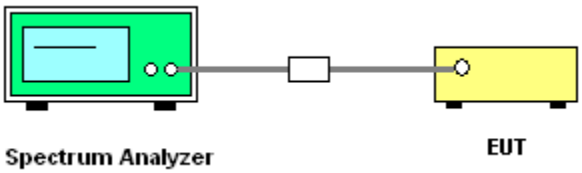
Compute power by integrating the spectrum across the 99% occupied bandwidth of the signal using the instrument's band power measurement function.

3.2.4 Test Setup

For normal channel:



For straddle channel:



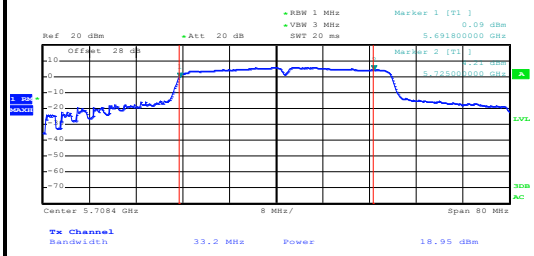
3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

Maximum Straddle Channel Power

Ant. 1

NII-2C Band



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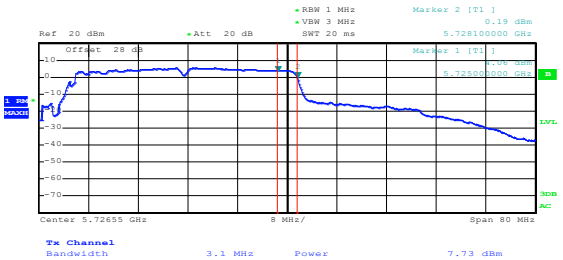
DTS Band



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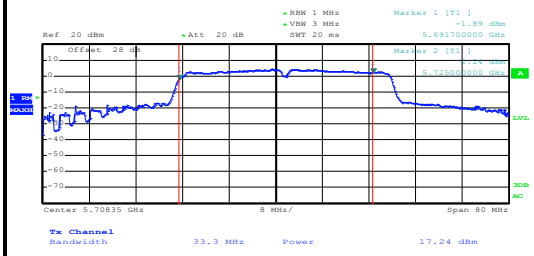
Ant. 2

NII-2C Band



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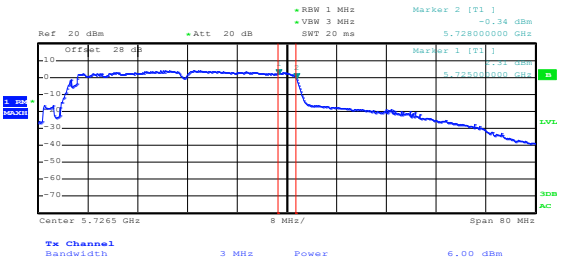
DTS Band



Date: 6.MAY.2015 16:43:37

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

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 5.25–5.35 GHz and 5.47–5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

For Straddle Channel, U-NII procedures and limits were applied for operations in the frequency band in accordance with FCC KDB 644545 D03.

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 v01. Section F) Maximum power spectral density.

 # Method SA-2 #

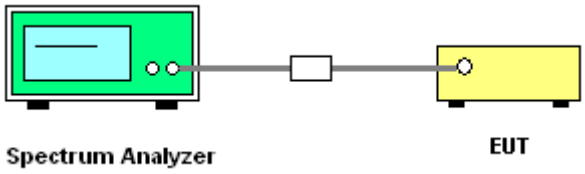
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

1. The testing follows Method SA-2 of FCC KDB 789033 D02 General UNII Test Procedures New Rules v01.
   - 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.
2. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
3. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
4. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

   Method (1): 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.

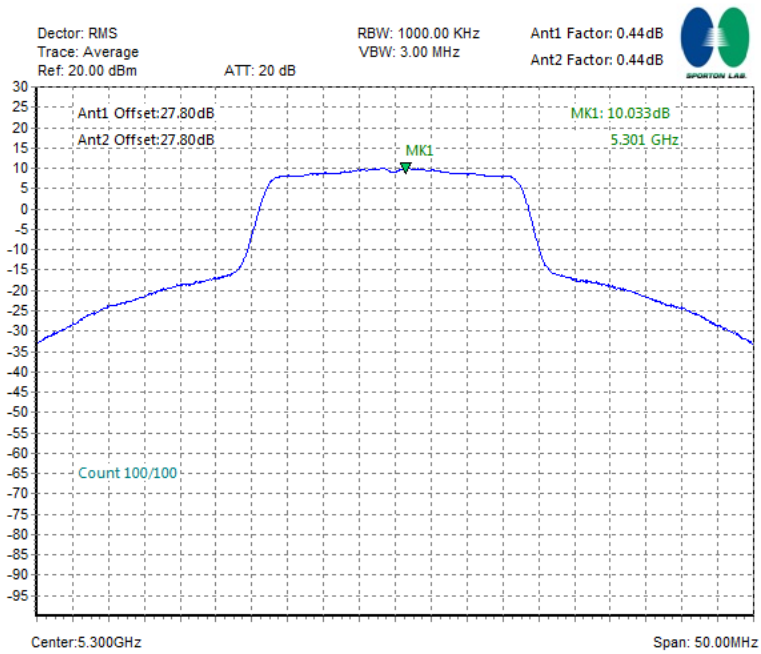
3.3.4 Test Setup



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 as specified in FCC Part 15.407(b) is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement. The unwanted emissions shall comply with 15.407(b)(1) to (6), and restricted bands per FCC Part15.205.

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 per FCC Part15.205 shall comply with the general field strength limits set forth in § 15.209 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

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

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

EIRP (dBm)	Field Strength at 3m (dBμV/m)
-17	78.3
- 27	68.3

(3) KDB789033 v01 G)2)c) As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.

3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v01. 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

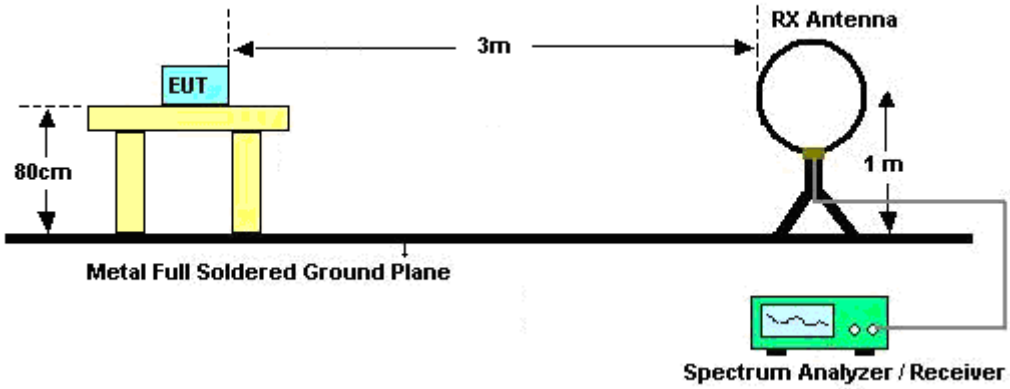
   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1	802.11a	91.07	2040	0.49	1kHz
1	5GHz 802.11n HT20	90.00	1890	0.53	1kHz
1+2	5GHz 802.11n HT20 for Ant 1	90.43	1890	0.53	1kHz
1+2	5GHz 802.11n HT20 for Ant 2	90.43	1890	0.53	1kHz
1	5GHz 802.11n HT40	81.48	924	1.08	2kHz
1+2	5GHz 802.11n HT40 for Ant 1	81.91	924	1.08	2kHz
1+2	5GHz 802.11n HT40 for Ant 2	81.91	924	1.08	2kHz
1	5GHz 802.11ac VHT20	90.29	1896	0.53	1kHz
1+2	5GHz 802.11ac VHT20 for Ant 1	90.05	1900	0.53	1kHz
1+2	5GHz 802.11ac VHT20 for Ant 2	90.52	1910	0.52	1kHz
1	5GHz 802.11ac VHT40	82.20	942	1.06	2kHz
1+2	5GHz 802.11ac VHT40 for Ant 1	82.20	942	1.06	2kHz
1+2	5GHz 802.11ac VHT40 for Ant 2	82.20	942	1.06	2kHz
1	5GHz 802.11ac VHT80	68.67	456	2.19	3kHz
1+2	5GHz 802.11ac VHT80 for Ant 1	69.28	460	2.17	3kHz
1+2	5GHz 802.11ac VHT80 for Ant 2	68.86	460	2.17	3kHz

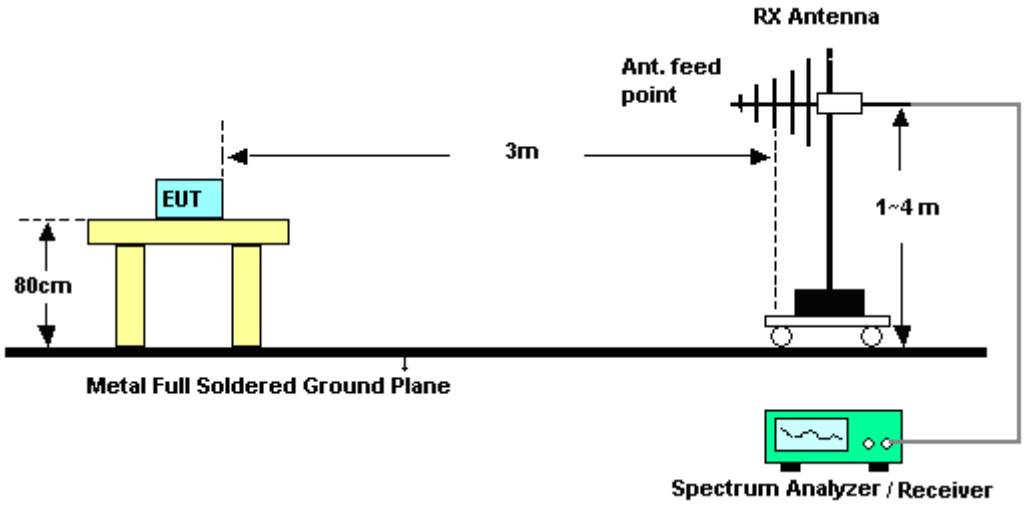
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband 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

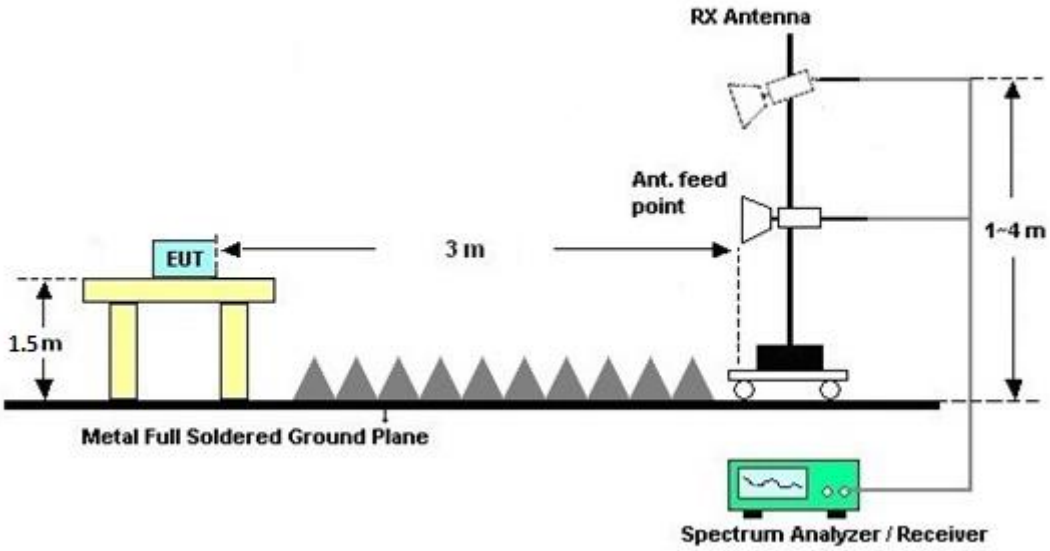
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

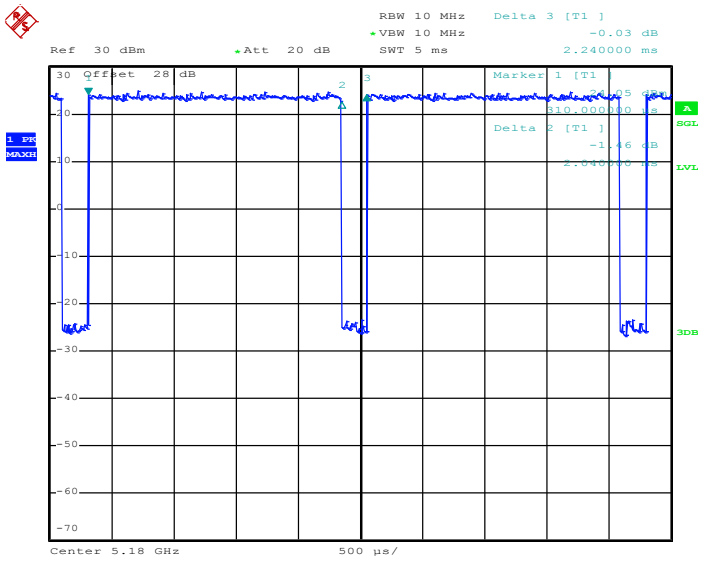
The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix A.

3.4.7 Duty Cycle

802.11a Ant. 1



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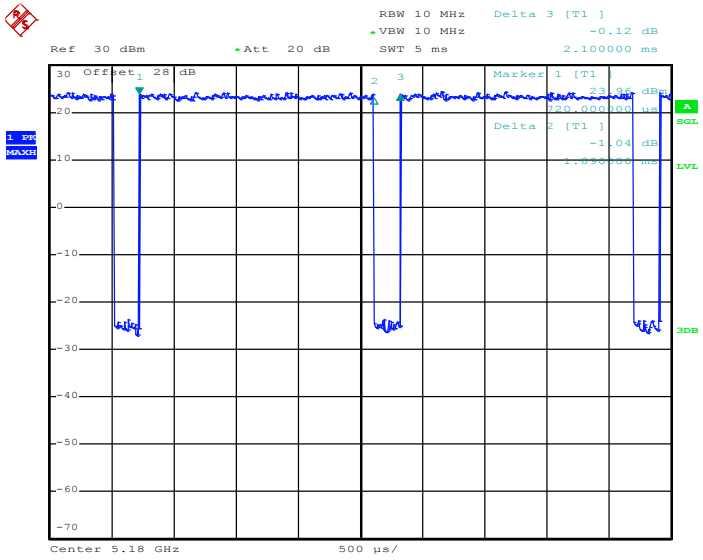
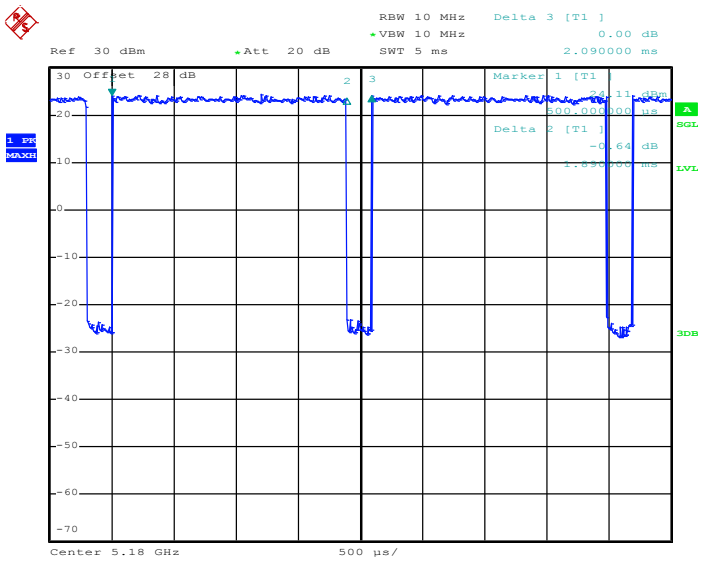
802.11n HT20 SISO Ant. 1



Date: 5.MAY.2015 22:23:15

802.11n HT20 CDD Ant. 1+2(1)



Date: 5.MAY.2015 22:25:21

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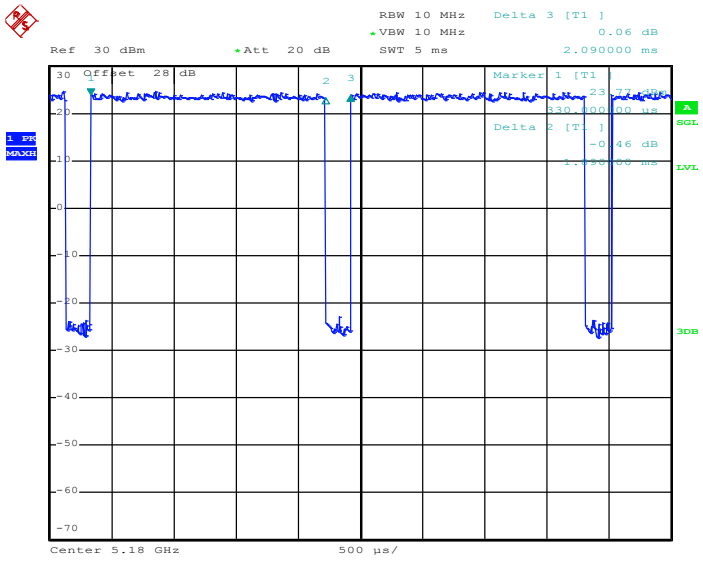
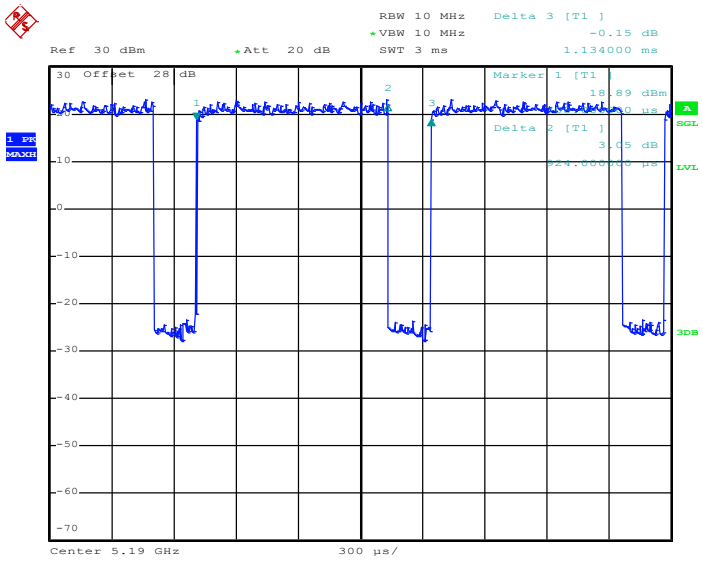


Date: 5.MAY.2015 22:25:56

802.11n HT40 SISO Ant. 1



Date: 5.MAY.2015 22:29:03

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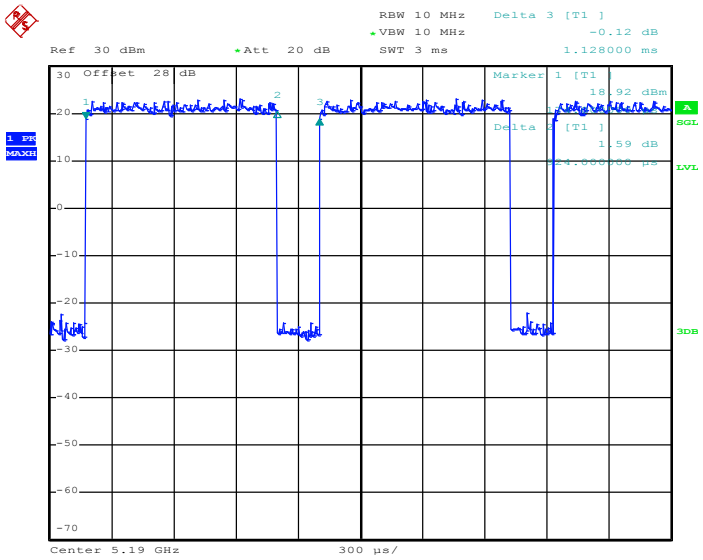

Date: 5.MAY.2015 22:28:01

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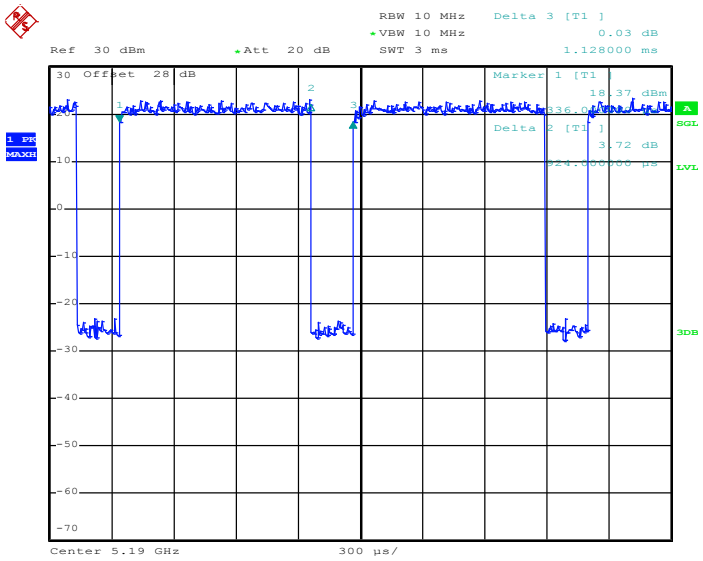
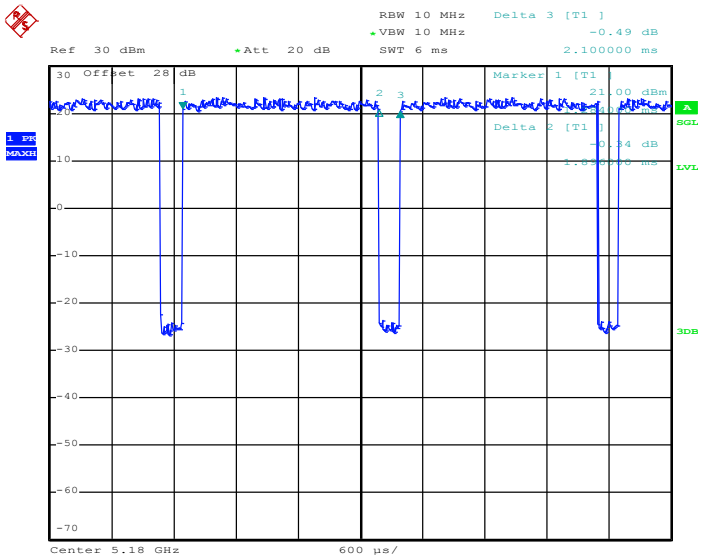


Date: 5.MAY.2015 22:27:21

802.11ac HT20 SISO Ant. 1



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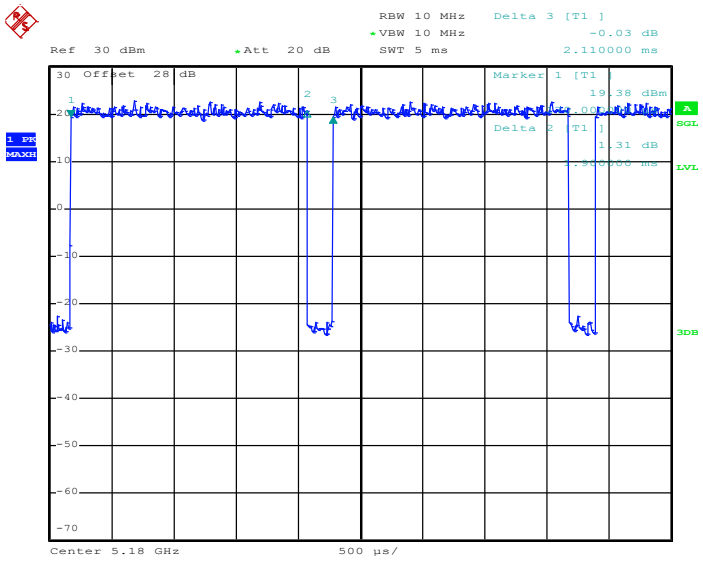
802.11ac HT20 CDD Ant. 1+2(1)



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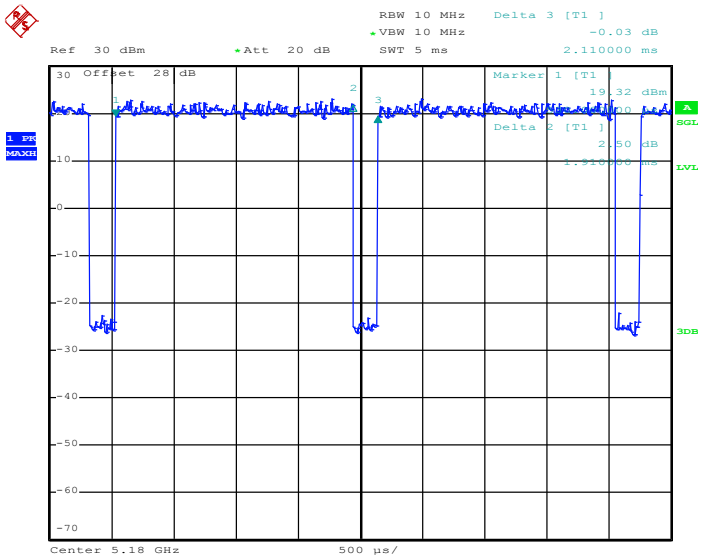
802.11ac HT20 CDD Ant. 1+2(2)



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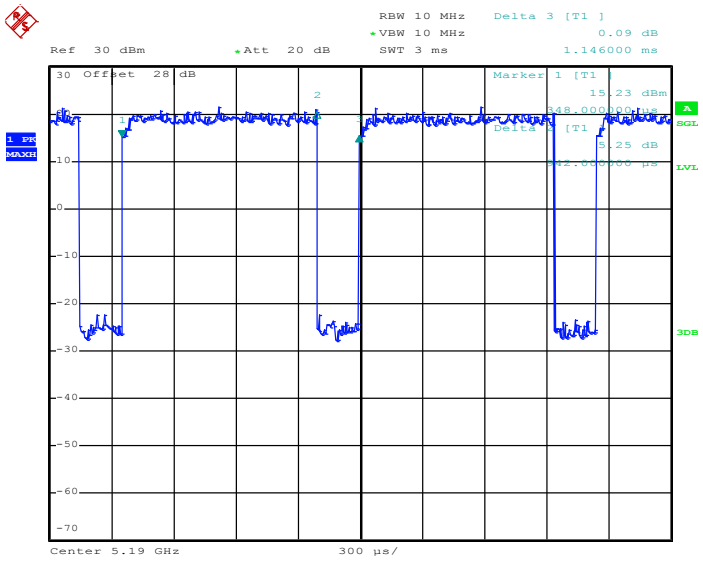
802.11ac HT40 SISO Ant. 1



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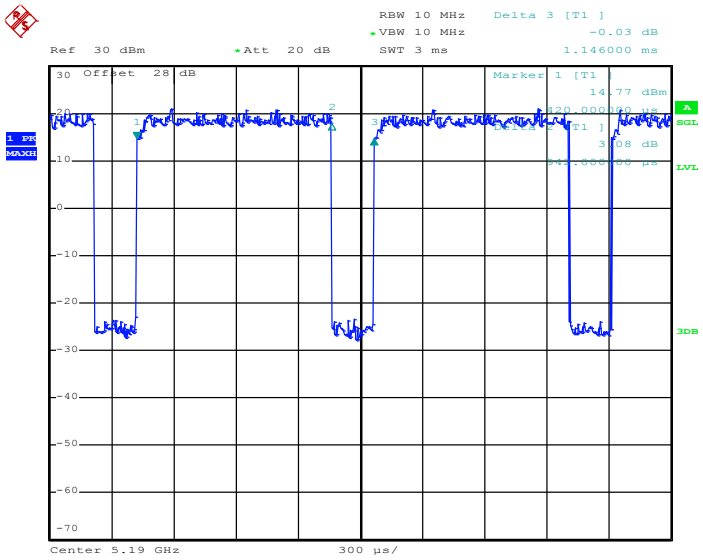
802.11ac HT40 CDD Ant. 1+2(1)



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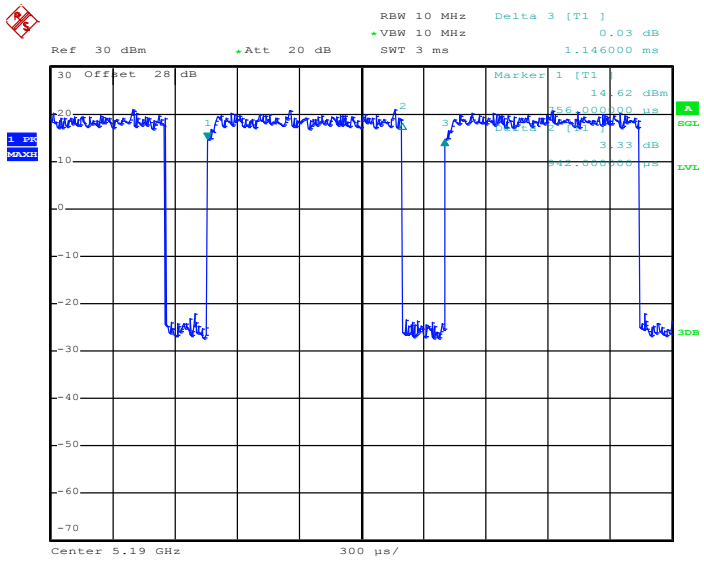
802.11ac HT40 CDD Ant. 1+2(2)



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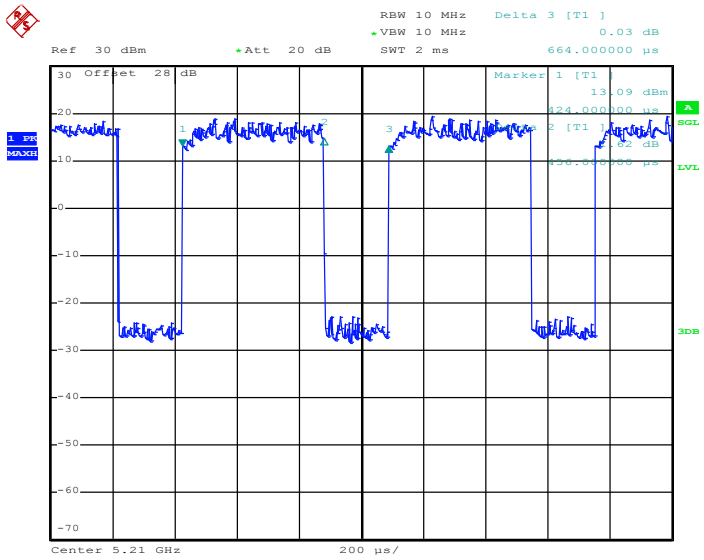
802.11ac HT80 SISO Ant. 1



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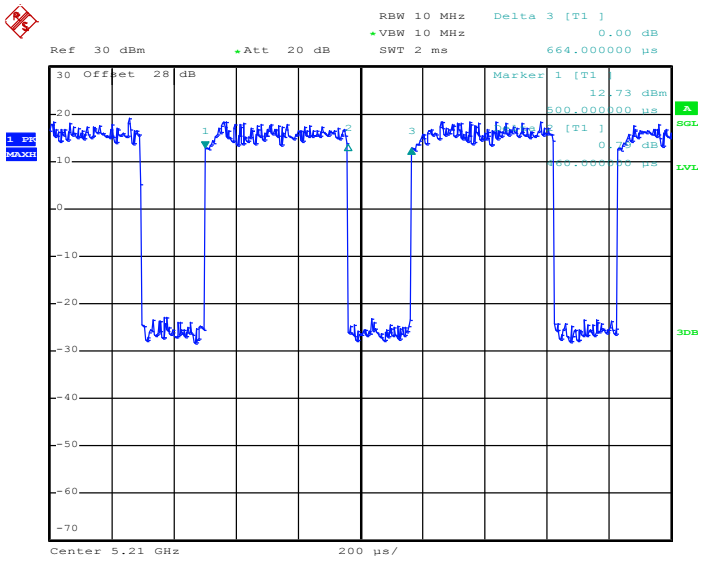
802.11ac HT80 CDD Ant. 1+2(1)



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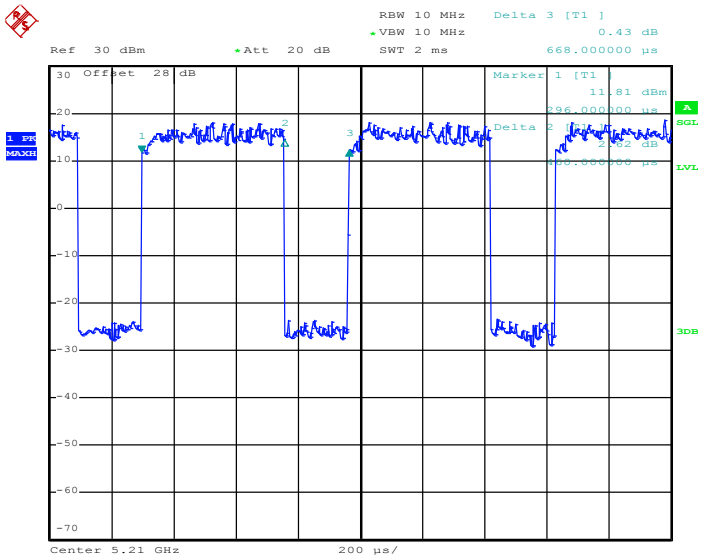

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3.4.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix A.

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.

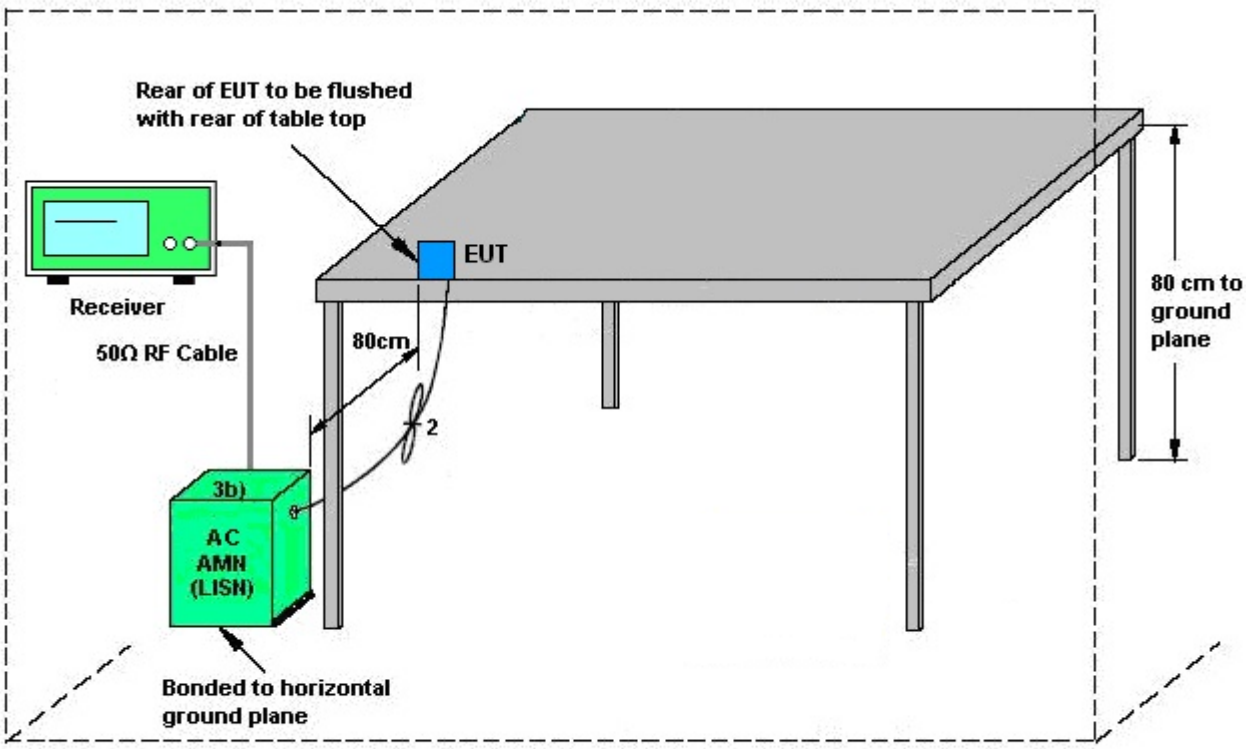
3.5.2 Measuring Instruments

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.

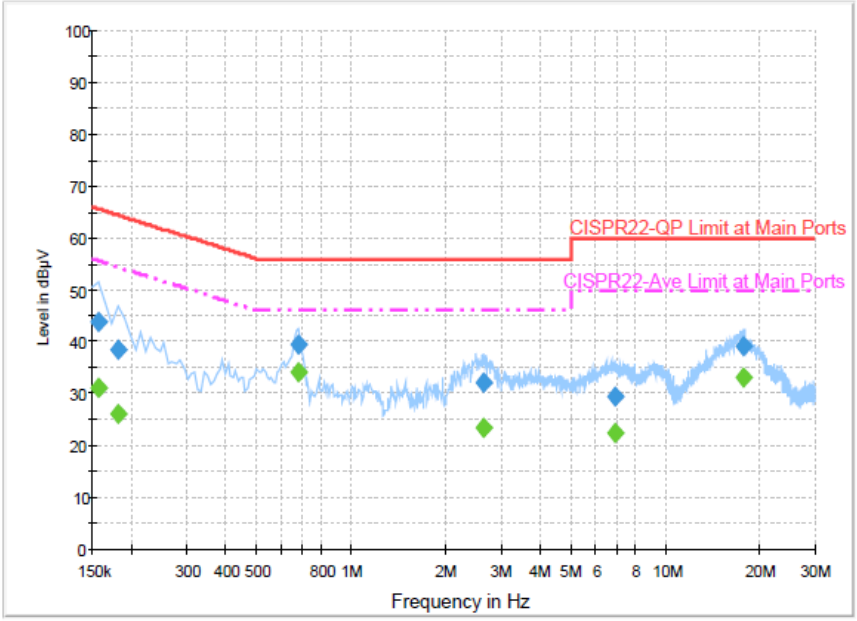
3.5.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.5.5 Test Result of AC Conducted Emission

Test Mode :	Mode 1	**Temperature :**	22~24℃
Test Engineer :	Eric Jeng	**Relative Humidity :**	60~63%
Test Voltage :	120Vac / 60Hz	**Phase :**	Line
Function Type :	WLAN (5GHz) Link + Bluetooth Link + MPEG4 (4k) + HDMI Cable (4k Resolution) + MicroSD Card (No Streaming) + RJ-45 (LAN) Load + USB flash drive (Streaming) + Adapter		



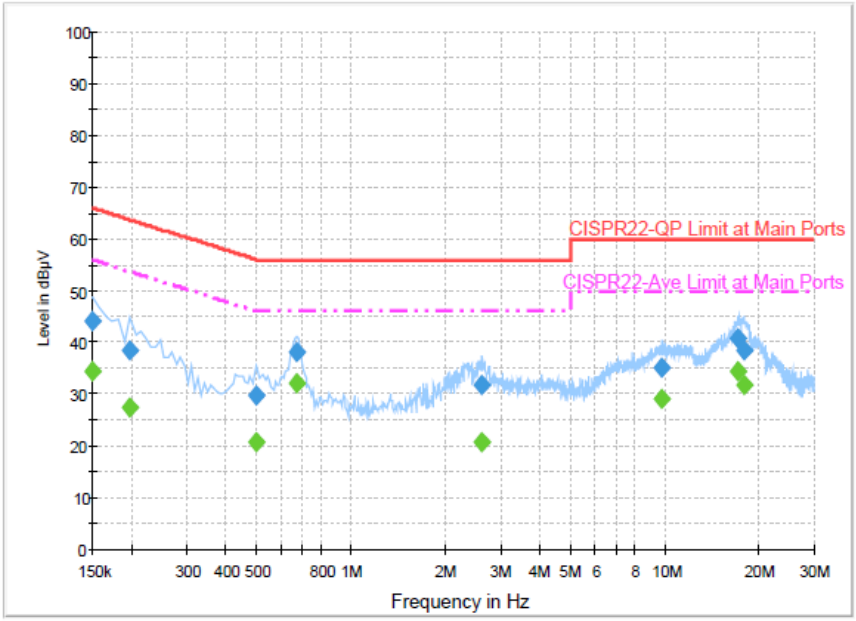
Final Result : QuasiPeak

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	43.8	Off	L1	19.5	21.8	65.6
0.182000	38.4	Off	L1	19.5	26.0	64.4
0.678000	39.5	Off	L1	19.6	16.5	56.0
2.630000	32.1	Off	L1	19.7	23.9	56.0
6.910000	29.4	Off	L1	19.8	30.6	60.0
17.734000	39.2	Off	L1	20.0	20.8	60.0

Final Result : Average

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.158000	31.0	Off	L1	19.5	24.6	55.6
0.182000	26.1	Off	L1	19.5	28.3	54.4
0.678000	34.0	Off	L1	19.6	12.0	46.0
2.630000	23.4	Off	L1	19.7	22.6	46.0
6.910000	22.3	Off	L1	19.8	27.7	50.0
17.734000	33.2	Off	L1	20.0	16.8	50.0

Test Mode :	Mode 1	**Temperature :**	22~24℃
Test Engineer :	Eric Jeng	**Relative Humidity :**	60~63%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral
Function Type :	WLAN (5GHz) Link + Bluetooth Link + MPEG4 (4k) + HDMI Cable (4k Resolution) + MicroSD Card (No Streaming) + RJ-45 (LAN) Load + USB flash drive (Streaming) + Adapter		



Final Result : QuasiPeak

Frequency (MHz)	QuasiPeak (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	44.3	Off	N	19.5	21.7	66.0
0.198000	38.4	Off	N	19.4	25.3	63.7
0.502000	29.7	Off	N	19.4	26.3	56.0
0.670000	38.1	Off	N	19.5	17.9	56.0
2.622000	31.6	Off	N	19.7	24.4	56.0
9.790000	35.1	Off	N	19.9	24.9	60.0
17.214000	40.7	Off	N	20.0	19.3	60.0
17.934000	38.4	Off	N	20.1	21.6	60.0

Final Result : Average

Frequency (MHz)	Average (dBµV)	Filter	Line	Corr. (dB)	Margin (dB)	Limit (dBµV)
0.150000	34.4	Off	N	19.5	21.6	56.0
0.198000	27.3	Off	N	19.4	26.4	53.7
0.502000	20.8	Off	N	19.4	25.2	46.0
0.670000	32.0	Off	N	19.5	14.0	46.0
2.622000	20.8	Off	N	19.7	25.2	46.0
9.790000	29.1	Off	N	19.9	20.9	50.0
17.214000	34.6	Off	N	20.0	15.4	50.0
17.934000	31.8	Off	N	20.1	18.2	50.0

3.6 Frequency Stability Measurement

3.6.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

1. To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
2. The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10dB lower than the measured peak value.
3. The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

3.6.4 Test Setup

3.6.5 Test Result of Frequency Stability

Please refer to Appendix A.

The frequency band 5180-5240MHz which was verified by testing against other standard is less than 20 ppm which is sufficient to maintain the signal within the 5150-5250MHz band.

3.7 Automatically Discontinue Transmission

3.7.1 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.

3.7.2 Measuring Instruments

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

3.7.3 Test Result of Automatically Discontinue Transmission

EUT is verified this characteristic during the function check of normal sample associated with an access point:

A. Information start: make EUT supply information to the access point.

B. Information stop: stop supplying information to the access point.

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

C. Information start: make EUT supply information to the access point again.

The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

5180MHz

Note : The control / signalling information during the period B is precluded.

3.8 Antenna Requirements

3.8.1 Standard Applicable

According to FCC 47 CFR Section 15.407(a)(1)(2) ,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.

3.8.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.8.3 Antenna Gain

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

$$DirectionalGain = 10 \cdot \log \left[\frac{\sum_{j=1}^{N_{SS}} \left\{ \sum_{k=1}^{N_{ANT}} g_{j,k} \right\}^2}{N_{ANT}} \right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k / 20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

The EUT supports CDD mode.

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	3.10	3.70	6.42	6.42	0.42	0.42
Band II	3.10	3.80	6.47	6.47	0.47	0.47
Band III	2.80	4.70	6.81	6.81	0.81	0.81

Power Limit Reduction = DG(Power) – 6dBi, (min = 0)

PSD Limit Reduction = DG(PSD) – 6dBi, (min = 0)

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	1036004	300MHz~40GHz	Aug. 09, 2014	May 05, 2015~ Jul. 10, 2015	Aug. 08, 2015	Conducted (TH02-HY)
Power Sensor	Anritsu	MA2411B	1027253	300MHz~40GHz	Aug. 11, 2014	May 05, 2015~ Jul. 10, 2015	Aug. 10, 2015	Conducted (TH02-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz~40GHz	Oct. 17, 2014	May 05, 2015~ Jun. 11, 2015	Oct. 16, 2015	Conducted (TH02-HY)
EMI Test Receiver	Rohde & Schwarz	ESCS 30	100356	9kHz – 2.75GHz	Dec. 01, 2014	Jun. 04, 2015	Nov. 30, 2015	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Dec. 02, 2014	Jun. 04, 2015	Dec. 01, 2015	Conduction (CO05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Jun. 04, 2015	N/A	Conduction (CO05-HY)
LISN (for auxiliary equipment)	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Dec. 08, 2014	Jun. 04, 2015	Dec. 07, 2015	Conduction (CO05-HY)
Bilog Antenna	Schaffner	CBL6111C	2726	30MHz ~ 1GHz	Sep. 27, 2014	May 05, 2015~ May 14, 2015	Sep. 26, 2015	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Aug. 19, 2014	May 05, 2015~ May 14, 2015	Aug. 18, 2015	Radiation (03CH07-HY)
EMI Test Receiver	Rohde & Schwarz	ESCI 7	100724	9kHz~7GHz	Aug. 30, 2014	May 05, 2015~ May 14, 2015	Aug. 29, 2015	Radiation (03CH07-HY)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz- 40GHz	Nov. 03, 2014	May 05, 2015~ May 14, 2015	Nov. 02, 2015	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jul. 28, 2014	May 05, 2015~ May 14, 2015	Jul. 27, 2015	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590075	1GHz ~ 18GHz	Apr. 20, 2015	May 05, 2015~ May 14, 2015	Apr. 19, 2016	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz-1000MHz	Mar. 12, 2015	May 05, 2015~ May 14, 2015	Mar. 11, 2016	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~ 26.5GHz	Oct. 21, 2014	May 05, 2015~ May 14, 2015	Oct. 20, 2015	Radiation (03CH07-HY)
Signal Analyzer	Rohde & Schwarz	FSV 30	101749	10Hz~30GHz	Mar. 10, 2015	May 05, 2015~ May 14, 2015	Mar. 09, 2016	Radiation (03CH07-HY)
Antenna Mast	Max-Full	MFA520BS	N/A	1m~4m	N/A	May 05, 2015~ May 14, 2015	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 degree	N/A	May 05, 2015~ May 14, 2015	N/A	Radiation (03CH07-HY)
Preamplifier	MITEQ	JS44-18004000-33-8P	1840917	18GHz ~ 40GHz	Jun. 09, 2014	May 05, 2015~ May 14, 2015	Jun. 08, 2015	Radiation (03CH07-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101397	10Hz~40GHz	Sep. 17, 2014	May 05, 2015~ May 14, 2015	Sep. 16, 2015	Radiation (03CH07-HY)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**2.26**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.50**

Test Engineer:	Tommy Lee	Temperature:	21~25	°C
Test Date:	2015/5/5~2015/5/19	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	1	36	5180	17.70		24.75		-		22.48			
11a	6Mbps	1	44	5220	18.20		34.75		-		22.60			
11a	6Mbps	1	48	5240	18.30		35.10		-		22.62			
HT20	MCS0	1	36	5180	18.35		23.65		-		22.64			
HT20	MCS0	1	44	5220	18.45		24.45		-		22.66			
HT20	MCS0	1	48	5240	18.45		28.90		-		22.66			
HT40	MCS0	1	38	5190	36.30		41.76		-		23.01			
HT40	MCS0	1	46	5230	36.80		53.01		-		23.01			
VHT20	MCS0	1	36	5180	18.55		28.20		-		22.68			
VHT20	MCS0	1	44	5220	18.65		31.35		-		22.71			
VHT20	MCS0	1	48	5240	18.70		33.40		-		22.72			
VHT40	MCS0	1	38	5190	36.20		41.58		-		23.01			
VHT40	MCS0	1	46	5230	38.20		61.65		-		23.01			
VHT80	MCS0	1	42	5210	74.88		81.60		-		23.01			
HT20	MCS0	2	36	5180	18.30	18.20	22.00	22.00	-		22.60			
HT20	MCS0	2	44	5220	18.60	18.50	30.65	29.40	-		22.67			
HT20	MCS0	2	48	5240	18.70	18.55	34.30	30.20	-		22.68			
HT40	MCS0	2	38	5190	36.40	36.40	41.67	41.67	-		23.01			
HT40	MCS0	2	46	5230	36.70	36.60	51.75	45.36	-		23.01			
VHT20	MCS0	2	36	5180	18.25	18.20	22.15	21.90	-		22.60			
VHT20	MCS0	2	44	5220	18.55	18.55	29.95	27.00	-		22.68			
VHT20	MCS0	2	48	5240	18.55	18.55	30.40	30.30	-		22.68			
VHT40	MCS0	2	38	5190	36.30	36.20	41.49	41.67	-		23.01			
VHT40	MCS0	2	46	5230	36.90	36.70	55.08	47.70	-		23.01			
VHT80	MCS0	2	42	5210	75.00	75.00	81.92	81.76	-		23.01			

TEST RESULTS DATA
Average Power Table

FCC Band I															
Mod.	Data Rate	NTX	CH.	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	1	36	5180	0.41		17.49			24.00	24.00	3.10	3.70		Pass
11a	6Mbps	1	44	5220	0.41		19.50			24.00	24.00	3.10	3.70		Pass
11a	6Mbps	1	48	5240	0.41		19.26			24.00	24.00	3.10	3.70		Pass
HT20	MCS0	1	36	5180	0.46		17.09			24.00	24.00	3.10	3.70		Pass
HT20	MCS0	1	44	5220	0.46		18.80			24.00	24.00	3.10	3.70		Pass
HT20	MCS0	1	48	5240	0.46		18.84			24.00	24.00	3.10	3.70		Pass
HT40	MCS0	1	38	5190	0.89		12.79			24.00	24.00	3.10	3.70		Pass
HT40	MCS0	1	46	5230	0.89		18.61			24.00	24.00	3.10	3.70		Pass
VHT20	MCS0	1	36	5180	0.44		17.50			24.00	24.00	3.10	3.70		Pass
VHT20	MCS0	1	44	5220	0.44		18.77			24.00	24.00	3.10	3.70		Pass
VHT20	MCS0	1	48	5240	0.44		18.53			24.00	24.00	3.10	3.70		Pass
VHT40	MCS0	1	38	5190	0.85		12.97			24.00	24.00	3.10	3.70		Pass
VHT40	MCS0	1	46	5230	0.85		18.96			24.00	24.00	3.10	3.70		Pass
VHT80	MCS0	1	42	5210	1.63		10.68			24.00	24.00	3.10	3.70		Pass
HT20	MCS0	2	36	5180	0.44	0.44	15.18	15.37	18.28	23.58		6.42			Pass
HT20	MCS0	2	44	5220	0.44	0.44	18.35	18.23	21.30	23.58		6.42			Pass
HT20	MCS0	2	48	5240	0.44	0.44	18.36	18.33	21.35	23.58		6.42			Pass
HT40	MCS0	2	38	5190	0.87	0.87	12.29	12.73	15.52	23.58		6.42			Pass
HT40	MCS0	2	46	5230	0.87	0.87	18.40	18.36	21.39	23.58		6.42			Pass
VHT20	MCS0	2	36	5180	0.46	0.43	15.16	15.44	18.31	23.58		6.42			Pass
VHT20	MCS0	2	44	5220	0.46	0.43	18.19	18.22	21.21	23.58		6.42			Pass
VHT20	MCS0	2	48	5240	0.46	0.43	18.22	17.94	21.09	23.58		6.42			Pass
VHT40	MCS0	2	38	5190	0.85	0.85	10.38	10.49	13.45	23.58		6.42			Pass
VHT40	MCS0	2	46	5230	0.85	0.85	18.58	18.36	21.48	23.58		6.42			Pass
VHT80	MCS0	2	42	5210	1.59	1.62	8.71	8.25	11.50	23.58		6.42			Pass

TEST RESULTS DATA
Power Spectral Density

FCC Band I															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	36	5180	0.41		7.10			11.00	11.00	3.10	3.70		Pass
11a	6Mbps	1	44	5220	0.41		8.37			11.00	11.00	3.10	3.70		Pass
11a	6Mbps	1	48	5240	0.41		8.26			11.00	11.00	3.10	3.70		Pass
HT20	MCS0	1	36	5180	0.46		6.59			11.00	11.00	3.10	3.70		Pass
HT20	MCS0	1	44	5220	0.46		6.48			11.00	11.00	3.10	3.70		Pass
HT20	MCS0	1	48	5240	0.46		6.53			11.00	11.00	3.10	3.70		Pass
HT40	MCS0	1	38	5190	0.89		-0.70			11.00	11.00	3.10	3.70		Pass
HT40	MCS0	1	46	5230	0.89		4.41			11.00	11.00	3.10	3.70		Pass
VHT20	MCS0	1	36	5180	0.44		6.76			11.00	11.00	3.10	3.70		Pass
VHT20	MCS0	1	44	5220	0.44		8.21			11.00	11.00	3.10	3.70		Pass
VHT20	MCS0	1	48	5240	0.44		8.34			11.00	11.00	3.10	3.70		Pass
VHT40	MCS0	1	38	5190	0.85		5.09			11.00	11.00	3.10	3.70		Pass
VHT40	MCS0	1	46	5230	0.85		5.37			11.00	11.00	3.10	3.70		Pass
VHT80	MCS0	1	42	5210	1.63		-5.64			11.00	11.00	3.10	3.70		Pass
HT20	MCS0	2	36	5180	0.44	0.44			6.84	10.58		6.42			Pass
HT20	MCS0	2	44	5220	0.44	0.44			9.62	10.58		6.42			Pass
HT20	MCS0	2	48	5240	0.44	0.44			9.70	10.58		6.42			Pass
HT40	MCS0	2	38	5190	0.87	0.87			0.75	10.58		6.42			Pass
HT40	MCS0	2	46	5230	0.87	0.87			6.66	10.58		6.42			Pass
VHT20	MCS0	2	36	5180	0.46	0.43			8.88	10.58		6.42			Pass
VHT20	MCS0	2	44	5220	0.46	0.43			8.69	10.58		6.42			Pass
VHT20	MCS0	2	48	5240	0.46	0.43			8.78	10.58		6.42			Pass
VHT40	MCS0	2	38	5190	0.85	0.85			-1.71	10.58		6.42			Pass
VHT40	MCS0	2	46	5230	0.85	0.85			6.20	10.58		6.42			Pass
VHT80	MCS0	2	42	5210	1.59	1.62			-4.25	10.58		6.42			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	1	52	5260	18.10		33.45		23.58		29.58		23.98		
11a	6Mbps	1	60	5300	18.55		34.30		23.68		29.68		23.98		
11a	6Mbps	1	64	5320	17.50		24.05		23.43		29.43		23.98		
HT20	MCS0	1	52	5260	18.40		27.20		23.65		29.65		23.98		
HT20	MCS0	1	60	5300	18.45		26.45		23.66		29.66		23.98		
HT20	MCS0	1	64	5320	18.30		30.50		23.62		29.62		23.98		
HT40	MCS0	1	54	5270	36.80		55.26		23.98		30.00		23.98		
HT40	MCS0	1	62	5310	36.40		41.58		23.98		30.00		23.98		
VHT20	MCS0	1	52	5260	18.65		30.85		23.71		29.71		23.98		
VHT20	MCS0	1	60	5300	18.70		34.15		23.72		29.72		23.98		
VHT20	MCS0	1	64	5320	18.50		30.00		23.67		29.67		23.98		
VHT40	MCS0	1	54	5270	38.60		60.93		23.98		30.00		23.98		
VHT40	MCS0	1	62	5310	36.40		41.31		23.98		30.00		23.98		
VHT80	MCS0	1	58	5290	75.72		110.08		23.98		30.00		23.98		
HT20	MCS0	2	52	5260	18.55	18.50	32.70	29.25	23.67		29.67		23.98		
HT20	MCS0	2	60	5300	18.75	18.70	33.75	32.40	23.72		29.72		23.98		
HT20	MCS0	2	64	5320	18.30	18.30	22.25	22.60	23.62		29.62		23.98		
HT40	MCS0	2	54	5270	36.70	36.70	58.05	53.91	23.98		30.00		23.98		
HT40	MCS0	2	62	5310	36.40	36.40	41.58	41.49	23.98		30.00		23.98		
VHT20	MCS0	2	52	5260	18.50	18.55	30.05	30.55	23.67		29.67		23.98		
VHT20	MCS0	2	60	5300	18.60	18.65	33.00	33.05	23.70		29.70		23.98		
VHT20	MCS0	2	64	5320	18.45	18.40	25.40	26.05	23.65		29.65		23.98		
VHT40	MCS0	2	54	5270	37.20	37.10	53.19	48.33	23.98		30.00		23.98		
VHT40	MCS0	2	62	5310	36.30	36.30	41.67	41.49	23.98		30.00		23.98		
VHT80	MCS0	2	58	5290	75.36	75.36	101.28	89.60	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band II															
Mod.	Data Rate	NTX	CH.	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	1	52	5260	0.41		19.24			23.98		3.10	3.80		Pass
11a	6Mbps	1	60	5300	0.41		19.62			23.98		3.10	3.80		Pass
11a	6Mbps	1	64	5320	0.41		17.86			23.98		3.10	3.80		Pass
HT20	MCS0	1	52	5260	0.46		18.80			23.98		3.10	3.80		Pass
HT20	MCS0	1	60	5300	0.46		18.88			23.98		3.10	3.80		Pass
HT20	MCS0	1	64	5320	0.46		17.85			23.98		3.10	3.80		Pass
HT40	MCS0	1	54	5270	0.89		18.62			23.98		3.10	3.80		Pass
HT40	MCS0	1	62	5310	0.89		14.17			23.98		3.10	3.80		Pass
VHT20	MCS0	1	52	5260	0.44		18.55			23.98		3.10	3.80		Pass
VHT20	MCS0	1	60	5300	0.44		18.59			23.98		3.10	3.80		Pass
VHT20	MCS0	1	64	5320	0.44		17.85			23.98		3.10	3.80		Pass
VHT40	MCS0	1	54	5270	0.85		18.94			23.98		3.10	3.80		Pass
VHT40	MCS0	1	62	5310	0.85		14.15			23.98		3.10	3.80		Pass
VHT80	MCS0	1	58	5290	1.63		11.71			23.98		3.10	3.80		Pass
HT20	MCS0	2	52	5260	0.44	0.44	18.26	18.50	21.39	23.51		6.47			Pass
HT20	MCS0	2	60	5300	0.44	0.44	18.33	18.56	21.45	23.51		6.47			Pass
HT20	MCS0	2	64	5320	0.44	0.44	15.93	16.12	19.03	23.51		6.47			Pass
HT40	MCS0	2	54	5270	0.87	0.87	18.38	18.52	21.46	23.51		6.47			Pass
HT40	MCS0	2	62	5310	0.87	0.87	11.14	11.08	14.12	23.51		6.47			Pass
VHT20	MCS0	2	52	5260	0.46	0.43	18.20	18.45	21.34	23.51		6.47			Pass
VHT20	MCS0	2	60	5300	0.46	0.43	18.34	18.41	21.38	23.51		6.47			Pass
VHT20	MCS0	2	64	5320	0.46	0.43	16.77	16.94	19.87	23.51		6.47			Pass
VHT40	MCS0	2	54	5270	0.85	0.85	18.06	18.15	21.12	23.51		6.47			Pass
VHT40	MCS0	2	62	5310	0.85	0.85	12.50	12.57	15.55	23.51		6.47			Pass
VHT80	MCS0	2	58	5290	1.59	1.62	12.12	12.11	15.13	23.51		6.47			Pass

TEST RESULTS DATA
Power Spectral Density

Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.41		8.39			11.00	11.00	3.10	3.80		Pass
11a	6Mbps	1	60	5300	0.41		8.79			11.00	11.00	3.10	3.80		Pass
11a	6Mbps	1	64	5320	0.41		7.49			11.00	11.00	3.10	3.80		Pass
HT20	MCS0	1	52	5260	0.46		6.34			11.00	11.00	3.10	3.80		Pass
HT20	MCS0	1	60	5300	0.46		6.48			11.00	11.00	3.10	3.80		Pass
HT20	MCS0	1	64	5320	0.46		6.48			11.00	11.00	3.10	3.80		Pass
HT40	MCS0	1	54	5270	0.89		4.67			11.00	11.00	3.10	3.80		Pass
HT40	MCS0	1	62	5310	0.89		-0.43			11.00	11.00	3.10	3.80		Pass
VHT20	MCS0	1	52	5260	0.44		6.82			11.00	11.00	3.10	3.80		Pass
VHT20	MCS0	1	60	5300	0.44		6.74			11.00	11.00	3.10	3.80		Pass
VHT20	MCS0	1	64	5320	0.44		6.31			11.00	11.00	3.10	3.80		Pass
VHT40	MCS0	1	54	5270	0.85		5.18			11.00	11.00	3.10	3.80		Pass
VHT40	MCS0	1	62	5310	0.85		-0.07			11.00	11.00	3.10	3.80		Pass
VHT80	MCS0	1	58	5290	1.63		1.43			11.00	11.00	3.10	3.80		Pass
HT20	MCS0	2	52	5260	0.44	0.44			9.71	10.53		6.47			Pass
HT20	MCS0	2	60	5300	0.44	0.44			10.03	10.53		6.47			Pass
HT20	MCS0	2	64	5320	0.44	0.44			7.15	10.53		6.47			Pass
HT40	MCS0	2	54	5270	0.87	0.87			7.15	10.53		6.47			Pass
HT40	MCS0	2	62	5310	0.87	0.87			-1.39	10.53		6.47			Pass
VHT20	MCS0	2	52	5260	0.46	0.43			8.95	10.53		6.47			Pass
VHT20	MCS0	2	60	5300	0.46	0.43			9.21	10.53		6.47			Pass
VHT20	MCS0	2	64	5320	0.46	0.43			8.87	10.53		6.47			Pass
VHT40	MCS0	2	54	5270	0.85	0.85			6.90	10.53		6.47			Pass
VHT40	MCS0	2	62	5310	0.85	0.85			0.38	10.53		6.47			Pass
VHT80	MCS0	2	58	5290	1.59	1.62			2.15	10.53		6.47			Pass

Report Number : FR511534-02D

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	1	100	5500	17.70		25.75		23.48		29.48		23.98		
11a	6Mbps	1	116	5580	18.50		34.55		23.67		29.67		23.98		
11a	6Mbps	1	140	5700	17.50		21.95		23.43		29.43		23.98		
HT20	MCS0	1	100	5500	18.60		30.50		23.70		29.70		23.98		
HT20	MCS0	1	116	5580	18.75		34.30		23.73		29.73		23.98		
HT20	MCS0	1	140	5700	18.35		22.85		23.64		29.64		23.98		
HT40	MCS0	1	102	5510	36.40		41.76		23.98		30.00		23.98		
HT40	MCS0	1	110	5550	36.70		55.17		23.98		30.00		23.98		
HT40	MCS0	1	134	5670	36.70		48.87		23.98		30.00		23.98		
VHT20	MCS0	1	100	5500	18.65		31.25		23.71		29.71		23.98		
VHT20	MCS0	1	116	5580	19.00		34.50		23.79		29.79		23.98		
VHT20	MCS0	1	140	5700	18.30		22.45		23.62		29.62		23.98		
VHT40	MCS0	1	102	5510	36.30		41.76		23.98		30.00		23.98		
VHT40	MCS0	1	110	5550	36.80		58.32		23.98		30.00		23.98		
VHT40	MCS0	1	134	5670	36.50		49.14		23.98		30.00		23.98		
VHT80	MCS0	1	106	5530	74.88		81.92		23.98		30.00		23.98		
VHT80	MCS0	1	122	5610	75.48		85.28		23.98		30.00		23.98		
HT20	MCS0	2	100	5500	18.55	18.55	30.40	29.90	23.68		29.68		23.98		
HT20	MCS0	2	116	5580	18.75	18.70	33.85	34.25	23.72		29.72		23.98		
HT20	MCS0	2	140	5700	18.25	18.25	22.00	21.95	23.61		29.61		23.98		
HT40	MCS0	2	102	5510	36.40	36.40	41.85	41.76	23.98		30.00		23.98		
HT40	MCS0	2	110	5550	36.60	36.70	50.49	51.12	23.98		30.00		23.98		
HT40	MCS0	2	134	5670	36.50	36.50	42.03	41.76	23.98		30.00		23.98		
VHT20	MCS0	2	100	5500	18.30	18.35	22.20	23.55	23.62		29.62		23.98		
VHT20	MCS0	2	116	5580	18.55	18.50	29.95	28.90	23.67		29.67		23.98		
VHT20	MCS0	2	140	5700	18.25	18.10	21.80	21.75	23.58		29.58		23.98		
VHT40	MCS0	2	102	5510	36.30	36.30	41.49	41.76	23.98		30.00		23.98		
VHT40	MCS0	2	110	5550	36.80	36.60	50.31	52.38	23.98		30.00		23.98		
VHT40	MCS0	2	134	5670	36.50	36.40	41.76	41.67	23.98		30.00		23.98		
VHT80	MCS0	2	106	5530	74.76	74.88	81.76	81.76	23.98		30.00		23.98		
VHT80	MCS0	2	122	5610	75.24	75.24	81.44	81.60	23.98		30.00		23.98		

TEST RESULTS DATA
Average Power Table

FCC Band III															
Mod.	Data Rate	NTX	CH.	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	1	100	5500	0.41		18.82			23.98		2.80	4.70		Pass
11a	6Mbps	1	116	5580	0.41		19.76			23.98		2.80	4.70		Pass
11a	6Mbps	1	140	5700	0.41		16.59			23.98		2.80	4.70		Pass
HT20	MCS0	1	100	5500	0.46		18.30			23.98		2.80	4.70		Pass
HT20	MCS0	1	116	5580	0.46		18.44			23.98		2.80	4.70		Pass
HT20	MCS0	1	140	5700	0.46		15.73			23.98		2.80	4.70		Pass
HT40	MCS0	1	102	5510	0.89		13.62			23.98		2.80	4.70		Pass
HT40	MCS0	1	110	5550	0.89		18.63			23.98		2.80	4.70		Pass
HT40	MCS0	1	134	5670	0.89		17.93			23.98		2.80	4.70		Pass
VHT20	MCS0	1	100	5500	0.44		18.05			23.98		2.80	4.70		Pass
VHT20	MCS0	1	116	5580	0.44		18.69			23.98		2.80	4.70		Pass
VHT20	MCS0	1	140	5700	0.44		15.28			23.98		2.80	4.70		Pass
VHT40	MCS0	1	102	5510	0.85		13.39			23.98		2.80	4.70		Pass
VHT40	MCS0	1	110	5550	0.85		18.87			23.98		2.80	4.70		Pass
VHT40	MCS0	1	134	5670	0.85		17.53			23.98		2.80	4.70		Pass
VHT80	MCS0	1	106	5530	1.63		11.41			23.98		2.80	4.70		Pass
VHT80	MCS0	1	122	5610	1.63		17.22			23.98		2.80	4.70		Pass
HT20	MCS0	2	100	5500	0.44	0.44	18.10	17.95	21.03	23.17		6.81			Pass
HT20	MCS0	2	116	5580	0.44	0.44	18.04	18.21	21.13	23.17		6.81			Pass
HT20	MCS0	2	140	5700	0.44	0.44	13.57	13.60	16.59	23.17		6.81			Pass
HT40	MCS0	2	102	5510	0.87	0.87	10.53	9.50	13.05	23.17		6.81			Pass
HT40	MCS0	2	110	5550	0.87	0.87	15.84	15.21	18.54	23.17		6.81			Pass
HT40	MCS0	2	134	5670	0.87	0.87	16.16	16.08	19.13	23.17		6.81			Pass
VHT20	MCS0	2	100	5500	0.46	0.43	17.26	17.42	20.35	23.17		6.81			Pass
VHT20	MCS0	2	116	5580	0.46	0.43	18.07	18.04	21.06	23.17		6.81			Pass
VHT20	MCS0	2	140	5700	0.46	0.43	14.23	14.10	17.17	23.17		6.81			Pass
VHT40	MCS0	2	102	5510	0.85	0.85	10.50	10.09	13.31	23.17		6.81			Pass
VHT40	MCS0	2	110	5550	0.85	0.85	17.66	17.36	20.52	23.17		6.81			Pass
VHT40	MCS0	2	134	5670	0.85	0.85	16.30	16.34	19.33	23.17		6.81			Pass
VHT80	MCS0	2	106	5530	1.59	1.62	9.41	8.76	12.11	23.17		6.81			Pass
VHT80	MCS0	2	122	5610	1.59	1.62	14.64	14.70	17.68	23.17		6.81			Pass

Report Number : FR511534-02D

TEST RESULTS DATA
Power Spectral Density

Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.41		8.19			11.00	11.00	2.80	4.70		Pass
11a	6Mbps	1	116	5580	0.41		9.38			11.00	11.00	2.80	4.70		Pass
11a	6Mbps	1	140	5700	0.41		6.23			11.00	11.00	2.80	4.70		Pass
HT20	MCS0	1	100	5500	0.46		7.18			11.00	11.00	2.80	4.70		Pass
HT20	MCS0	1	116	5580	0.46		7.80			11.00	11.00	2.80	4.70		Pass
HT20	MCS0	1	140	5700	0.46		4.04			11.00	11.00	2.80	4.70		Pass
HT40	MCS0	1	102	5510	0.89		-0.16			11.00	11.00	2.80	4.70		Pass
HT40	MCS0	1	110	5550	0.89		4.92			11.00	11.00	2.80	4.70		Pass
HT40	MCS0	1	134	5670	0.89		3.45			11.00	11.00	2.80	4.70		Pass
VHT20	MCS0	1	100	5500	0.44		7.12			11.00	11.00	2.80	4.70		Pass
VHT20	MCS0	1	116	5580	0.44		8.62			11.00	11.00	2.80	4.70		Pass
VHT20	MCS0	1	140	5700	0.44		3.86			11.00	11.00	2.80	4.70		Pass
VHT40	MCS0	1	102	5510	0.85		-1.20			11.00	11.00	2.80	4.70		Pass
VHT40	MCS0	1	110	5550	0.85		4.68			11.00	11.00	2.80	4.70		Pass
VHT40	MCS0	1	134	5670	0.85		3.32			11.00	11.00	2.80	4.70		Pass
VHT80	MCS0	1	106	5530	1.63		-6.47			11.00	11.00	2.80	4.70		Pass
VHT80	MCS0	1	122	5610	1.63		-0.45			11.00	11.00	2.80	4.70		Pass
HT20	MCS0	2	100	5500	0.44	0.44			9.22	10.19		6.81			Pass
HT20	MCS0	2	116	5580	0.44	0.44			9.80	10.19		6.81			Pass
HT20	MCS0	2	140	5700	0.44	0.44			4.47	10.19		6.81			Pass
HT40	MCS0	2	102	5510	0.87	0.87			-2.00	10.19		6.81			Pass
HT40	MCS0	2	110	5550	0.87	0.87			6.72	10.19		6.81			Pass
HT40	MCS0	2	134	5670	0.87	0.87			3.67	10.19		6.81			Pass
VHT20	MCS0	2	100	5500	0.46	0.43			8.65	10.19		6.81			Pass
VHT20	MCS0	2	116	5580	0.46	0.43			9.11	10.19		6.81			Pass
VHT20	MCS0	2	140	5700	0.46	0.43			5.67	10.19		6.81			Pass
VHT40	MCS0	2	102	5510	0.85	0.85			-2.70	10.19		6.81			Pass
VHT40	MCS0	2	110	5550	0.85	0.85			6.18	10.19		6.81			Pass
VHT40	MCS0	2	134	5670	0.85	0.85			4.10	10.19		6.81			Pass
VHT80	MCS0	2	106	5530	1.59	1.62			-5.06	10.19		6.81			Pass
VHT80	MCS0	2	122	5610	1.59	1.62			-0.52	10.19		6.81			Pass

TEST RESULTS DATA
26dB and 99% OBW

Straddle Channel														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	99% Bandwidth (MHz)		Emission 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	1	144	5720	18.50		34.90		-	-	-	-	-	-	
				NII-2C	14.30		22.15		22.55	23.98	28.55	30.00	23.98	23.98	
				NII-3	4.20		12.75		23.23	30.00	29.23	36.02	-	-	
HT20	MCS0	1	144	5720	18.45		39.15		-	-	-	-	-	-	
				NII-2C	14.30		23.60		22.55	23.98	28.55	30.00	23.98	23.98	
				NII-3	4.15		15.55		23.18	30.00	29.18	36.02	-	-	
HT40	MCS0	1	142	5710	36.60		59.49		-	-	-	-	-	-	
				NII-2C	33.40		43.80		23.98	23.98	30.00	30.00	23.98	23.98	
				NII-3	3.20		15.69		22.05	30.00	28.05	36.02	-	-	
VHT20	MCS0	1	144	5720	18.40		35.45		-	-	-	-	-	-	
				NII-2C	14.30		22.70		22.55	23.98	28.55	30.00	23.98	23.98	
				NII-3	4.10		12.75		23.13	30.00	29.13	36.02	-	-	
VHT40	MCS0	1	142	5710	37.00		58.50		-	-	-	-	-	-	
				NII-2C	33.60		39.75		23.98	23.98	30.00	30.00	23.98	23.98	
				NII-3	3.40		18.75		22.31	30.00	28.31	36.02	-	-	
VHT80	MCS0	1	138	5690	75.48		113.92		-	-	-	-	-	-	
				NII-2C	72.80		90.68		23.98	23.98	30.00	30.00	23.98	23.98	
				NII-3	2.68		23.24		21.28	30.00	27.28	36.02	-	-	
HT20	MCS0	2	144	5720	18.25	18.25	39.85	39.10	-		-		-		
				NII-2C	14.25	14.25	24.2	23.65	22.54		28.54		23.98		
				NII-3	4	4	15.65	15.45	23.02		29.02		22.89		
HT40	MCS0	2	142	5710	36.30	36.30	67.68	70.92	-		-		-		
				NII-2C	33.2	33.3	49.2	51.36	23.98		30.00		23.98		
				NII-3	3.1	3	18.48	19.56	21.77		27.77		23.67		
VHT20	MCS0	2	144	5720	18.20	18.20	34.40	39.20	-		-		-		
				NII-2C	14.2	14.2	22.25	23.6	22.52		28.52		23.98		
				NII-3	4	4	12.15	15.6	23.02		29.02		21.85		
VHT40	MCS0	2	142	5710	36.40	36.30	58.68	57.24	-		-		-		
				NII-2C	33.3	33.3	40.11	39.39	23.98		30.00		23.98		
				NII-3	3.1	3	18.57	17.85	21.77		27.77		23.52		
VHT80	MCS0	2	138	5690	75.12	74.88	127.80	126.08	-		-		-		
				NII-2C	72.68	72.56	92.44	90.84	23.98		30.00		23.98		
				NII-3	2.44	2.32	35.36	35.24	20.65		26.65		23.98		

TEST RESULTS DATA
Average Power Table

FCC Straddle Channel															
Mod.	Data Rate	NTX	CH.	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	1	144	5720	0.41		19.43			-	-	2.80	4.70		-
				NII-2C	0.41		18.66			23.98	23.98	2.80	4.70		Pass
				NII-3	0.41		11.51			-	-	2.80	4.70		Pass
HT20	MCS0	1	144	5720	0.46		18.54			-	-	2.80	4.70		-
				NII-2C	0.46		17.70			23.98	23.98	2.80	4.70		Pass
				NII-3	0.46		11.00			-	-	2.80	4.70		Pass
HT40	MCS0	1	142	5710	0.89		18.32			-	-	2.80	4.70		-
				NII-2C	0.89		18.00			23.98	23.98	2.80	4.70		Pass
				NII-3	0.89		6.83			-	-	2.80	4.70		Pass
VHT20	MCS0	1	144	5720	0.44		18.60			-	-	2.80	4.70		-
				NII-2C	0.44		17.79			23.98	23.98	2.80	4.70		Pass
				NII-3	0.44		10.92			-	-	2.80	4.70		Pass
VHT40	MCS0	1	142	5710	0.85		18.84			-	-	2.80	4.70		-
				NII-2C	0.85		18.52			23.98	23.98	2.80	4.70		Pass
				NII-3	0.85		7.34			-	-	2.80	4.70		Pass
VHT80	MCS0	1	138	5690	1.63		18.86			-	-	2.80	4.70		-
				NII-2C	1.63		18.75			23.98	23.98	2.80	4.70		Pass
				NII-3	1.63		2.66			-	-	2.80	4.70		Pass
HT20	MCS0	2	144	5720	0.44	0.44	18.82	16.76	20.92	-		6.81			-
				NII-2C	0.44	0.44	18.02	15.95	20.12	23.17		6.81			Pass
				NII-3	0.44	0.44	11.09	9.08	13.21	22.08		6.81			Pass
HT40	MCS0	2	142	5710	0.87	0.87	19.27	17.55	21.50	-		6.81			-
				NII-2C	0.87	0.87	18.95	17.24	21.19	23.17		6.81			Pass
				NII-3	0.87	0.87	7.73	6.00	9.96	22.85		6.81			Pass
VHT20	MCS0	2	144	5720	0.46	0.43	18.78	17.17	21.06	-		6.81			-
				NII-2C	0.46	0.43	17.98	16.36	20.26	23.17		6.81			Pass
				NII-3	0.46	0.43	11.05	9.47	13.34	21.03		6.81			Pass
VHT40	MCS0	2	142	5710	0.85	0.85	18.72	17.48	21.16	-		6.81			-
				NII-2C	0.85	0.85	18.41	17.17	20.84	23.17		6.81			Pass
				NII-3	0.85	0.85	7.15	5.87	9.57	22.70		6.81			Pass
VHT80	MCS0	2	138	5690	1.59	1.62	19.23	17.03	21.28	-		6.81			-
				NII-2C	1.59	1.62	19.13	16.94	21.18	23.17		6.81			Pass
				NII-3	1.59	1.62	2.79	0.10	4.66	23.17		6.81			Pass

Report Number : FR511534-02D

TEST RESULTS DATA
Power Spectral Density

Straddle Channel															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)			Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	144	NII-2C	0.41		9.86			11.00	11.00	2.80	4.70		Pass
				NII-3	0.41		9.86			30.00	30.00	2.80	4.70		Pass
HT20	MCS0	1	144	NII-2C	0.46		7.29			11.00	11.00	2.80	4.70		Pass
				NII-3	0.46		7.29			30.00	30.00	2.80	4.70		Pass
HT40	MCS0	1	142	NII-2C	0.89		4.17			11.00	11.00	2.80	4.70		Pass
				NII-3	0.89		4.17			30.00	30.00	2.80	4.70		Pass
VHT20	MCS0	1	144	NII-2C	0.44		7.16			11.00	11.00	2.80	4.70		Pass
				NII-3	0.44		7.16			30.00	30.00	2.80	4.70		Pass
VHT40	MCS0	1	142	NII-2C	0.85		4.93			11.00	11.00	2.80	4.70		Pass
				NII-3	0.85		4.93			30.00	30.00	2.80	4.70		Pass
VHT80	MCS0	1	138	NII-2C	1.63		1.97			11.00	11.00	2.80	4.70		Pass
				NII-3	1.63		1.97			30.00	30.00	2.80	4.70		Pass
HT20	MCS0	2	144	NII-2C	0.44	0.44			9.73	10.19		6.81			Pass
				NII-3	0.44	0.44			9.73	29.19		6.81			Pass
HT40	MCS0	2	142	NII-2C	0.87	0.87			6.99	10.19		6.81			Pass
				NII-3	0.87	0.87			6.99	29.19		6.81			Pass
VHT20	MCS0	2	144	NII-2C	0.46	0.43			9.71	10.19		6.81			Pass
				NII-3	0.46	0.43			9.71	29.19		6.81			Pass
VHT40	MCS0	2	142	NII-2C	0.85	0.85			6.93	10.19		6.81			Pass
				NII-3	0.85	0.85			6.93	29.19		6.81			Pass
VHT80	MCS0	2	138	NII-2C	1.59	1.62			4.16	10.19		6.81			Pass
				NII-3	1.59	1.62			4.16	29.19		6.81			Pass

TEST RESULTS DATA
Frequency Stability

Band I										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stablility (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	36	5180	5179.950	-0.050	-9.65	20	14.25	
11a	6Mbps	1	36	5180	5179.950	-0.050	-9.65	20	15.75	
11a	6Mbps	1	36	5180	5179.950	-0.050	-9.65	20	15	
11a	6Mbps	1	36	5180	5180.000	0.000	0.00	0	15	
11a	6Mbps	1	36	5180	5179.950	-0.050	-9.65	35	15	

Band II										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stablility (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	64	5320	5319.950	-0.050	-9.40	20	14.25	
11a	6Mbps	1	64	5320	5319.950	-0.050	-9.40	20	15.75	
11a	6Mbps	1	64	5320	5319.950	-0.050	-9.40	20	15	
11a	6Mbps	1	64	5320	5320.000	0.000	0.00	0	15	
11a	6Mbps	1	64	5320	5319.950	-0.050	-9.40	35	15	

Band III										
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Center Frequency (MHz)	Frequency Deviation (MHz)	Frequency Stablility (ppm)	Temperature (°C)	Voltage (V)	Note
11a	6Mbps	1	100	5500	5499.950	-0.050	-9.09	20	14.25	
11a	6Mbps	1	100	5500	5499.950	-0.050	-9.09	20	15.75	
11a	6Mbps	1	100	5500	5499.950	-0.050	-9.09	20	15	
11a	6Mbps	1	100	5500	5500.000	0.000	0.00	0	15	
11a	6Mbps	1	100	5500	5499.950	-0.050	-9.09	35	15	

Appendix B. Radiated Spurious Emission

15E Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5150	72.83	-1.17	74	59.16	34.61	11.55	32.49	100	243	P	H
		5150	53.24	-0.76	54	39.57	34.61	11.55	32.49	100	243	A	H
	*	5180	117.59	-	-	103.9	34.66	11.55	32.52	100	243	P	H
	*	5180	107.42	-	-	93.73	34.66	11.55	32.52	100	243	A	H
													H
													H
		5150	67.24	-6.76	74	53.57	34.61	11.55	32.49	319	32	P	V
		5150	48.76	-5.24	54	35.09	34.61	11.55	32.49	319	32	A	V
	*	5180	112.3	-	-	98.61	34.66	11.55	32.52	319	32	P	V
	*	5180	102.94	-	-	89.25	34.66	11.55	32.52	319	32	A	V
													V
													V
802.11a CH 44 5220MHz		5148.5	60.91	-13.09	74	47.24	34.61	11.55	32.49	108	244	P	H
		5147.6	47.87	-6.13	54	34.2	34.61	11.55	32.49	108	244	A	H
	*	5220	119.31	-	-	105.57	34.7	11.59	32.55	108	244	P	H
	*	5220	109.86	-	-	96.12	34.7	11.59	32.55	108	244	A	H
		5382.78	58.38	-15.62	74	44.98	34.94	11.74	33.28	108	244	P	H
		5357.37	45.31	-8.69	54	31.89	34.89	11.71	33.18	108	244	A	H
		5127.8	57.66	-16.34	74	44.02	34.59	11.5	32.45	396	38	P	V
		5119.85	44.46	-9.54	54	30.85	34.56	11.5	32.45	396	38	A	V
	*	5220	114.93	-	-	101.19	34.7	11.59	32.55	396	38	P	V
	*	5220	105.8	-	-	92.06	34.7	11.59	32.55	396	38	A	V
		5351.54	57.88	-16.12	74	44.46	34.89	11.71	33.18	396	38	P	V
		5368.15	44.7	-9.3	54	31.26	34.91	11.71	33.18	396	38	A	V

802.11a CH 48 5240MHz	*	5240	119.33	-	-	105.63	34.73	11.62	32.65	107	243	P	H
	*	5240	109.62	-	-	95.92	34.73	11.62	32.65	107	243	A	H
		5353.74	58.37	-15.63	74	44.95	34.89	11.71	33.18	107	243	P	H
		5350.55	45.93	-8.07	54	32.51	34.89	11.71	33.18	107	243	A	H
													H
													H
	*	5240	114.93	-	-	101.23	34.73	11.62	32.65	370	33	P	V
	*	5240	105.44	-	-	91.74	34.73	11.62	32.65	370	33	A	V
		5402.8	58.05	-15.95	74	44.74	34.96	11.74	33.39	370	33	P	V
		5357.92	45.1	-8.9	54	31.68	34.89	11.71	33.18	370	33	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10360	43.5	-30.5	74	49.85	37.22	16.34	59.91	100	0	P	H
		15540	52.84	-21.16	74	50.02	40.34	20.36	57.88	103	217	P	H
		15540	42.88	-11.12	54	40.06	40.34	20.36	57.88	103	217	A	H
													H
		10360	42.51	-31.49	74	48.86	37.22	16.34	59.91	100	0	P	V
		15540	51.8	-22.2	74	48.98	40.34	20.36	57.88	103	243	P	V
		15540	42.01	-11.99	54	39.19	40.34	20.36	57.88	103	243	A	V
													V
802.11a CH 44 5220MHz		10440	43.93	-30.07	74	50.11	37.26	16.41	59.85	100	0	P	H
		15660	58	-16	74	54.91	40.49	20.41	57.81	103	214	P	H
		15660	47.96	-6.04	54	44.87	40.49	20.41	57.81	103	214	A	H
													H
		10440	43.06	-30.94	74	49.24	37.26	16.41	59.85	100	0	P	V
		15660	56.64	-17.36	74	53.55	40.49	20.41	57.81	105	244	P	V
		15660	46.92	-7.08	54	43.83	40.49	20.41	57.81	105	244	A	V
													V
802.11a CH 48 5240MHz		10480	43.69	-30.31	74	49.76	37.29	16.45	59.81	100	0	P	H
		15720	57.4	-16.6	74	54.15	40.57	20.45	57.77	106	214	P	H
		15720	48.5	-5.5	54	45.25	40.57	20.45	57.77	106	214	A	H
													H
		10480	42.57	-31.43	74	48.64	37.29	16.45	59.81	100	0	P	V
		15720	57.75	-16.25	74	54.5	40.57	20.45	57.77	104	245	P	V
		15720	47.81	-6.19	54	44.56	40.57	20.45	57.77	104	245	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11n HT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5149.55	72.27	-1.73	74	58.6	34.61	11.55	32.49	100	243	P	H
		5149.85	53.22	-0.78	54	39.55	34.61	11.55	32.49	100	243	A	H
	*	5180	116.18	-	-	102.49	34.66	11.55	32.52	100	243	P	H
	*	5180	106.9	-	-	93.21	34.66	11.55	32.52	100	243	A	H
802.11n													H
HT20													H
CH 36		5150	68.05	-5.95	74	54.38	34.61	11.55	32.49	360	36	P	V
5180MHz		5149.7	49.73	-4.27	54	36.06	34.61	11.55	32.49	360	36	A	V
	*	5180	111.26	-	-	97.57	34.66	11.55	32.52	360	36	P	V
	*	5180	101.71	-	-	88.02	34.66	11.55	32.52	360	36	A	V
													V
													V
		5144.75	60	-14	74	46.33	34.61	11.55	32.49	100	245	P	H
		5145.65	47.53	-6.47	54	33.86	34.61	11.55	32.49	100	245	A	H
	*	5220	117.95	-	-	104.21	34.7	11.59	32.55	100	245	P	H
	*	5220	108.17	-	-	94.43	34.7	11.59	32.55	100	245	A	H
802.11n		5356.49	58.35	-15.65	74	44.93	34.89	11.71	33.18	100	245	P	H
HT20		5368	44.94	-9.06	54	31.5	34.91	11.71	33.18	100	245	A	H
CH 44		5075	57.91	-16.09	74	44.32	34.52	11.46	32.39	398	37	P	V
5220MHz		5070.65	44.21	-9.79	54	30.65	34.49	11.46	32.39	398	37	A	V
	*	5220	113.37	-	-	99.63	34.7	11.59	32.55	398	37	P	V
	*	5220	104.02	-	-	90.28	34.7	11.59	32.55	398	37	A	V
		5393	57.32	-16.68	74	43.92	34.94	11.74	33.28	398	37	P	V
		5361.22	44.44	-9.56	54	31	34.91	11.71	33.18	398	37	A	V

	*	5240	117.75	-	-	104.05	34.73	11.62	32.65	103	242	P	H
	*	5240	108.29	-	-	94.59	34.73	11.62	32.65	103	242	A	H
		5367.27	58.02	-15.98	74	44.58	34.91	11.71	33.18	103	242	P	H
		5350.22	45.88	-8.12	54	32.46	34.89	11.71	33.18	103	242	A	H
802.11n													H
HT20													H
CH 48	*	5240	113.51	-	-	99.81	34.73	11.62	32.65	371	33	P	V
5240MHz	*	5240	104.06	-	-	90.36	34.73	11.62	32.65	371	33	A	V
		5383.22	58.4	-15.6	74	45	34.94	11.74	33.28	371	33	P	V
		5352.97	44.72	-9.28	54	31.3	34.89	11.71	33.18	371	33	A	V
													V
													V

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

15E band 1 5150~5250MHz

WIFI 802.11n HT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10360	43.06	-30.94	74	49.41	37.22	16.34	59.91	100	0	P	H
		15540	56.67	-17.33	74	53.85	40.34	20.36	57.88	101	213	P	H
802.11n		15540	42.49	-11.51	54	39.67	40.34	20.36	57.88	101	213	A	H
HT20													H
CH 36		10360	42.43	-31.57	74	48.78	37.22	16.34	59.91	100	0	P	V
5180MHz		15540	56.15	-17.85	74	53.33	40.34	20.36	57.88	101	257	P	V
		15540	41.98	-12.02	54	39.16	40.34	20.36	57.88	101	257	A	V
													V
		10440	43.36	-30.64	74	49.54	37.26	16.41	59.85	100	0	P	H
		15660	61.68	-12.32	74	58.59	40.49	20.41	57.81	101	215	P	H
802.11n		15660	46.12	-7.88	54	43.03	40.49	20.41	57.81	101	215	A	H
HT20													H
CH 44		10440	43.25	-30.75	74	49.43	37.26	16.41	59.85	100	0	P	V
5220MHz		15660	60.68	-13.32	74	57.59	40.49	20.41	57.81	101	245	P	V
		15660	45.42	-8.58	54	42.33	40.49	20.41	57.81	101	245	A	V
													V
		10480	42.82	-31.18	74	48.89	37.29	16.45	59.81	100	0	P	H
		15720	61.54	-12.46	74	58.29	40.57	20.45	57.77	101	216	P	H
802.11n		15720	46.29	-7.71	54	43.04	40.57	20.45	57.77	101	216	A	H
HT20													H
CH 48		10480	42.22	-31.78	74	48.29	37.29	16.45	59.81	100	0	P	V
5240MHz		15720	59.93	-14.07	74	56.68	40.57	20.45	57.77	101	245	P	V
		15720	45.62	-8.38	54	42.37	40.57	20.45	57.77	101	245	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5150	71.45	-2.55	74	57.78	34.61	11.55	32.49	100	246	P	H
		5150	52.42	-1.58	54	38.75	34.61	11.55	32.49	100	246	A	H
	*	5188	108.73	-	-	95	34.66	11.59	32.52	100	246	P	H
	*	5188	99.75	-	-	86.02	34.66	11.59	32.52	100	246	A	H
802.11n		5456.81	58.38	-15.62	74	45.12	35.03	11.8	33.57	100	246	P	H
HT40		5368.92	44.78	-9.22	54	31.34	34.91	11.71	33.18	100	246	A	H
CH 38		5150	62.88	-11.12	74	49.21	34.61	11.55	32.49	400	39	P	V
5190MHz		5148.5	45.69	-8.31	54	32.02	34.61	11.55	32.49	400	39	A	V
	*	5189	104.05	-	-	90.32	34.66	11.59	32.52	400	39	P	V
	*	5189	94.89	-	-	81.16	34.66	11.59	32.52	400	39	A	V
		5438	58.15	-15.85	74	44.82	35.01	11.8	33.48	400	39	P	V
		5415.01	44.7	-9.3	54	31.37	34.98	11.74	33.39	400	39	A	V
		5148.35	64.56	-9.44	74	50.89	34.61	11.55	32.49	100	244	P	H
		5150	50.49	-3.51	54	36.82	34.61	11.55	32.49	100	244	A	H
	*	5228	114.6	-	-	100.9	34.73	11.62	32.65	100	244	P	H
	*	5228	105.1	-	-	91.4	34.73	11.62	32.65	100	244	A	H
802.11n		5367.27	59.61	-14.39	74	46.17	34.91	11.71	33.18	100	244	P	H
HT40		5350.11	45.96	-8.04	54	32.54	34.89	11.71	33.18	100	244	A	H
CH 46		5082.05	57.97	-16.03	74	44.38	34.52	11.46	32.39	400	39	P	V
5230MHz		5149.85	45.39	-8.61	54	31.72	34.61	11.55	32.49	400	39	A	V
	*	5230	107.93	-	-	94.23	34.73	11.62	32.65	400	39	P	V
	*	5230	98.79	-	-	85.09	34.73	11.62	32.65	400	39	A	V
		5356.16	57.52	-16.48	74	44.1	34.89	11.71	33.18	400	39	P	V
		5360.01	44.92	-9.08	54	31.5	34.89	11.71	33.18	400	39	A	V

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

15E band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10380	42.22	-31.78	74	48.54	37.23	16.34	59.89	100	0	P	H
		15570	47.28	-26.72	74	44.38	40.38	20.38	57.86	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	42.79	-31.21	74	49.11	37.23	16.34	59.89	100	0	P	V
5190MHz		15570	47.45	-26.55	74	44.55	40.38	20.38	57.86	100	0	P	V
													V
													V
		10460	43.37	-30.63	74	49.53	37.27	16.41	59.84	100	0	P	H
		15690	55.22	-18.78	74	52.05	40.53	20.43	57.79	100	213	P	H
802.11n		15690	44.01	-9.99	54	40.84	40.53	20.43	57.79	100	213	A	H
HT40													H
CH 46		10460	42.48	-31.52	74	48.64	37.27	16.41	59.84	100	0	P	V
5230MHz		15690	55.01	-18.99	74	51.84	40.53	20.43	57.79	100	252	P	V
		15690	43.4	-10.6	54	40.23	40.53	20.43	57.79	100	252	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11ac VHT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5148.95	72.65	-1.35	74	58.98	34.61	11.55	32.49	100	243	P	H
		5150	53.08	-0.92	54	39.41	34.61	11.55	32.49	100	243	A	H
	*	5179	116.62	-	-	102.93	34.66	11.55	32.52	100	243	P	H
	*	5179	106.84	-	-	93.15	34.66	11.55	32.52	100	243	A	H
802.11ac		5351.21	57.83	-16.17	74	44.41	34.89	11.71	33.18	100	243	P	H
VHT20		5362.43	44.39	-9.61	54	30.95	34.91	11.71	33.18	100	243	A	H
CH 36		5149.1	64.86	-9.14	74	51.19	34.61	11.55	32.49	400	40	P	V
5180MHz		5150	46.58	-7.42	54	32.91	34.61	11.55	32.49	400	40	A	V
	*	5181	111.7	-	-	97.97	34.66	11.59	32.52	400	40	P	V
	*	5181	102.53	-	-	88.8	34.66	11.59	32.52	400	40	A	V
		5374.53	58.08	-15.92	74	44.74	34.91	11.71	33.28	400	40	P	V
		5356.38	44.32	-9.68	54	30.9	34.89	11.71	33.18	400	40	A	V
		5149.25	62.1	-11.9	74	48.43	34.61	11.55	32.49	100	245	P	H
		5148.05	47.58	-6.42	54	33.91	34.61	11.55	32.49	100	245	A	H
	*	5219	117.66	-	-	103.92	34.7	11.59	32.55	100	245	P	H
	*	5219	107.89	-	-	94.15	34.7	11.59	32.55	100	245	A	H
802.11ac		5371.67	58.43	-15.57	74	44.99	34.91	11.71	33.18	100	245	P	H
VHT20		5357.48	45.06	-8.94	54	31.64	34.89	11.71	33.18	100	245	A	H
CH 44		5134.7	57.79	-16.21	74	44.15	34.59	11.5	32.45	395	36	P	V
5220MHz		5115.65	44.62	-9.38	54	30.98	34.56	11.5	32.42	395	36	A	V
	*	5222	112.99	-	-	99.32	34.7	11.62	32.65	395	36	P	V
	*	5222	103.53	-	-	89.86	34.7	11.62	32.65	395	36	A	V
		5360.12	57.21	-16.79	74	43.79	34.89	11.71	33.18	395	36	P	V
		5366.83	44.43	-9.57	54	30.99	34.91	11.71	33.18	395	36	A	V

802.11ac VHT20 CH 48 5240MHz		5146.55	59.45	-14.55	74	45.78	34.61	11.55	32.49	106	242	P	H
		5148.5	46.43	-7.57	54	32.76	34.61	11.55	32.49	106	242	A	H
	*	5239	117.73	-	-	104.03	34.73	11.62	32.65	106	242	P	H
	*	5239	107.84	-	-	94.14	34.73	11.62	32.65	106	242	A	H
		5352.09	58.22	-15.78	74	44.8	34.89	11.71	33.18	106	242	P	H
		5355.94	45.51	-8.49	54	32.09	34.89	11.71	33.18	106	242	A	H
		5143.1	58.26	-15.74	74	44.55	34.61	11.55	32.45	370	34	P	V
		5138.45	44.6	-9.4	54	30.96	34.59	11.5	32.45	370	34	A	V
	*	5239	113.13	-	-	99.43	34.73	11.62	32.65	370	34	P	V
	*	5239	103.79	-	-	90.09	34.73	11.62	32.65	370	34	A	V
		5392.13	57.46	-16.54	74	44.06	34.94	11.74	33.28	370	34	P	V
		5374.31	44.73	-9.27	54	31.39	34.91	11.71	33.28	370	34	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11ac VHT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10360	42.28	-31.72	74	48.63	37.22	16.34	59.91	100	0	P	H
		15540	56.8	-17.2	74	53.98	40.34	20.36	57.88	105	217	P	H
802.11ac		15540	44.8	-9.2	54	41.98	40.34	20.36	57.88	105	217	A	H
VHT20													H
CH 36		10360	42.46	-31.54	74	48.81	37.22	16.34	59.91	100	0	P	V
5180MHz		15540	55.11	-18.89	74	52.29	40.34	20.36	57.88	100	243	P	V
		15540	42.99	-11.01	54	40.17	40.34	20.36	57.88	100	243	A	V
													V
		10440	43.17	-30.83	74	49.35	37.26	16.41	59.85	100	0	P	H
		15660	59.71	-14.29	74	56.62	40.49	20.41	57.81	110	213	P	H
802.11ac		15660	46.41	-7.59	54	43.32	40.49	20.41	57.81	110	213	A	H
VHT20													H
CH 44		10440	42.78	-31.22	74	48.96	37.26	16.41	59.85	100	0	P	V
5220MHz		15660	59.31	-14.69	74	56.22	40.49	20.41	57.81	101	243	P	V
		15660	45.84	-8.16	54	42.75	40.49	20.41	57.81	101	243	A	V
													V
		10480	43.31	-30.69	74	49.38	37.29	16.45	59.81	100	0	P	H
		15722	59.2	-14.8	74	55.95	40.57	20.45	57.77	103	217	P	H
802.11ac		15722	47.04	-6.96	54	43.79	40.57	20.45	57.77	103	217	A	H
VHT20													H
CH 48		10480	42.39	-31.61	74	48.46	37.29	16.45	59.81	100	0	P	V
5240MHz		15720	56.44	-17.56	74	53.19	40.57	20.45	57.77	100	243	P	V
		15720	45.3	-8.7	54	42.05	40.57	20.45	57.77	100	243	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11ac VHT40 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5150	71.08	-2.92	74	57.41	34.61	11.55	32.49	110	245	P	H
		5150	51.93	-2.07	54	38.26	34.61	11.55	32.49	110	245	A	H
	*	5192	109.64	-	-	95.89	34.68	11.59	32.52	110	245	P	H
	*	5192	100.55	-	-	86.8	34.68	11.59	32.52	110	245	A	H
802.11ac		5422.05	58.05	-15.95	74	44.66	34.98	11.8	33.39	110	245	P	H
VHT40		5352.42	45.14	-8.86	54	31.72	34.89	11.71	33.18	110	245	A	H
CH 38		5149.4	59.27	-14.73	74	45.6	34.61	11.55	32.49	400	40	P	V
5190MHz		5150	46.2	-7.8	54	32.53	34.61	11.55	32.49	400	40	A	V
	*	5192	105.14	-	-	91.39	34.68	11.59	32.52	400	40	P	V
	*	5192	95.95	-	-	82.2	34.68	11.59	32.52	400	40	A	V
		5403.57	57.44	-16.56	74	44.13	34.96	11.74	33.39	400	40	P	V
		5387.51	44.77	-9.23	54	31.37	34.94	11.74	33.28	400	40	A	V
		5147.9	67.81	-6.19	74	54.14	34.61	11.55	32.49	101	248	P	H
		5149.25	51.24	-2.76	54	37.57	34.61	11.55	32.49	101	248	A	H
	*	5233	115.3	-	-	101.6	34.73	11.62	32.65	101	248	P	H
	*	5233	104.51	-	-	90.81	34.73	11.62	32.65	101	248	A	H
802.11ac		5355.72	59.05	-14.95	74	45.63	34.89	11.71	33.18	101	248	P	H
VHT40		5356.71	46.26	-7.74	54	32.84	34.89	11.71	33.18	101	248	A	H
CH 46		5150	63.89	-10.11	74	50.22	34.61	11.55	32.49	326	30	P	V
5230MHz		5148.8	47.47	-6.53	54	33.8	34.61	11.55	32.49	326	30	A	V
	*	5232	110.24	-	-	96.54	34.73	11.62	32.65	326	30	P	V
	*	5232	101.04	-	-	87.34	34.73	11.62	32.65	326	30	A	V
		5375.52	57.86	-16.14	74	44.52	34.91	11.71	33.28	326	30	P	V
		5390.48	45.38	-8.62	54	31.98	34.94	11.74	33.28	326	30	A	V

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

15E band 1 5150~5250MHz

WIFI 802.11ac VHT40 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10380	42.86	-31.14	74	49.18	37.23	16.34	59.89	100	0	P	H
		15570	46.88	-27.12	74	43.98	40.38	20.38	57.86	100	0	P	H
802.11ac													H
VHT40													H
CH 38		10380	42.1	-31.9	74	48.42	37.23	16.34	59.89	100	0	P	V
5190MHz		15570	47.92	-26.08	74	45.02	40.38	20.38	57.86	100	0	P	V
													V
													V
		10460	43.39	-30.61	74	49.55	37.27	16.41	59.84	100	0	P	H
		15690	55.61	-18.39	74	52.44	40.53	20.43	57.79	105	226	P	H
802.11ac		15690	45.23	-8.77	54	42.06	40.53	20.43	57.79	105	226	A	H
VHT40													H
CH 46		10460	43.02	-30.98	74	49.18	37.27	16.41	59.84	100	0	P	V
5230MHz		15690	53.94	-20.06	74	50.77	40.53	20.43	57.79	306	12	P	V
		15690	43.53	-10.47	54	40.36	40.53	20.43	57.79	306	12	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11ac VHT80 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		5148.5	66.41	-7.59	74	52.74	34.61	11.55	32.49	106	243	P	H
		5148.2	53.21	-0.79	54	39.54	34.61	11.55	32.49	106	243	A	H
	*	5210	104.27	-	-	90.53	34.7	11.59	32.55	106	243	P	H
	*	5210	95.24	-	-	81.5	34.7	11.59	32.55	106	243	A	H
		5440.75	57.64	-16.36	74	44.31	35.01	11.8	33.48	106	243	P	H
		5395.21	45.48	-8.52	54	32.06	34.96	11.74	33.28	106	243	A	H
		5148.2	58.8	-15.2	74	45.13	34.61	11.55	32.49	352	32	P	V
		5100.95	47.41	-6.59	54	33.79	34.54	11.5	32.42	352	32	A	V
	*	5210	99.49	-	-	85.75	34.7	11.59	32.55	352	32	P	V
	*	5210	90.35	-	-	76.61	34.7	11.59	32.55	352	32	A	V
		5370.46	58.03	-15.97	74	44.59	34.91	11.71	33.18	352	32	P	V
		5376.18	45.09	-8.91	54	31.75	34.91	11.71	33.28	352	32	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11ac VHT80 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10420	43.62	-30.38	74	49.87	37.25	16.37	59.87	100	0	P	H
		15630	47.15	-26.85	74	44.09	40.47	20.41	57.82	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	43.5	-30.5	74	49.75	37.25	16.37	59.87	100	0	P	V
5210MHz		15630	47.54	-26.46	74	44.48	40.47	20.41	57.82	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E 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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5147.15	59.46	-14.54	74	45.79	34.61	11.55	32.49	100	242	P	H
		5145.95	46.6	-7.4	54	32.93	34.61	11.55	32.49	100	242	A	H
	*	5260	118.29	-	-	104.66	34.77	11.62	32.76	100	242	P	H
	*	5260	108.95	-	-	95.32	34.77	11.62	32.76	100	242	A	H
													H
													H
		5127.05	58.32	-15.68	74	44.68	34.59	11.5	32.45	343	40	P	V
		5147.6	44.6	-9.4	54	30.93	34.61	11.55	32.49	343	40	A	V
	*	5260	114.29	-	-	100.66	34.77	11.62	32.76	343	40	P	V
	*	5260	104.83	-	-	91.2	34.77	11.62	32.76	343	40	A	V
													V
													V
802.11a CH 60 5300MHz		5135	58.46	-15.54	74	44.82	34.59	11.5	32.45	100	243	P	H
		5147	45.5	-8.5	54	31.83	34.61	11.55	32.49	100	243	A	H
	*	5300	118.64	-	-	105.14	34.82	11.65	32.97	100	243	P	H
	*	5300	109.09	-	-	95.59	34.82	11.65	32.97	100	243	A	H
		5351.21	62.8	-11.2	74	49.38	34.89	11.71	33.18	100	243	P	H
		5350.55	49.14	-4.86	54	35.72	34.89	11.71	33.18	100	243	A	H
		5028.95	57.54	-16.46	74	44	34.45	11.41	32.32	381	36	P	V
		5146.25	44.45	-9.55	54	30.78	34.61	11.55	32.49	381	36	A	V
	*	5300	114.96	-	-	101.46	34.82	11.65	32.97	381	36	P	V
	*	5300	105.47	-	-	91.97	34.82	11.65	32.97	381	36	A	V
		5393.34	57.84	-16.16	74	44.44	34.94	11.74	33.28	381	36	P	V
		5350.55	44.98	-9.02	54	31.56	34.89	11.71	33.18	381	36	A	V

802.11a CH 64 5320MHz	*	5320	116.69	-	-	103.14	34.84	11.68	32.97	100	244	P	H
	*	5320	106.37	-	-	92.82	34.84	11.68	32.97	100	244	A	H
		5352.2	68.86	-5.14	74	55.44	34.89	11.71	33.18	100	244	P	H
		5350.11	51.74	-2.26	54	38.32	34.89	11.71	33.18	100	244	A	H
													H
													H
	*	5320	110.6	-	-	97.05	34.84	11.68	32.97	387	286	P	V
	*	5320	101.41	-	-	87.86	34.84	11.68	32.97	387	286	A	V
		5352.31	62.97	-11.03	74	49.55	34.89	11.71	33.18	387	286	P	V
		5350	47.01	-6.99	54	33.59	34.89	11.71	33.18	387	286	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 2 5250~5350MHz

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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		10520	43.9	-30.1	74	49.87	37.32	16.49	59.78	100	0	P	H
		15780	63.13	-10.87	74	59.77	40.63	20.46	57.73	107	212	P	H
		15780	49.59	-4.41	54	46.23	40.63	20.46	57.73	107	212	A	H
													H
		10520	43.35	-30.65	74	49.32	37.32	16.49	59.78	100	0	P	V
		15780	63.99	-10.01	74	60.63	40.63	20.46	57.73	101	244	P	V
		15780	50.03	-3.97	54	46.67	40.63	20.46	57.73	101	244	A	V
													V
802.11a CH 60 5300MHz		10600	45.78	-28.22	74	51.46	37.42	16.56	59.66	100	0	P	H
		15900	61.27	-12.73	74	57.63	40.78	20.52	57.66	101	211	P	H
		15900	46.91	-7.09	54	43.27	40.78	20.52	57.66	101	211	A	H
													H
		10600	42.63	-31.37	74	48.31	37.42	16.56	59.66	100	0	P	V
		15900	61.51	-12.49	74	57.87	40.78	20.52	57.66	105	249	P	V
		15900	47.51	-6.49	54	43.87	40.78	20.52	57.66	105	249	A	V
													V
802.11a CH 64 5320MHz		10640	44.58	-29.42	74	50.12	37.47	16.6	59.61	100	0	P	H
		15960	59.64	-14.36	74	55.85	40.86	20.55	57.62	105	212	P	H
		15960	44.47	-9.53	54	40.68	40.86	20.55	57.62	105	212	A	H
													H
		10640	42.59	-31.41	74	48.13	37.47	16.6	59.61	100	0	P	V
		15960	58.76	-15.24	74	54.97	40.86	20.55	57.62	100	245	P	V
		15960	44.56	-9.44	54	40.77	40.86	20.55	57.62	100	245	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 2 5250~5350MHz

WIFI 802.11n HT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5148.5	60.15	-13.85	74	46.48	34.61	11.55	32.49	100	240	P	H
		5146.4	46.03	-7.97	54	32.36	34.61	11.55	32.49	100	240	A	H
	*	5260	117.11	-	-	103.48	34.77	11.62	32.76	100	240	P	H
	*	5260	107.65	-	-	94.02	34.77	11.62	32.76	100	240	A	H
802.11n													H
HT20													H
CH 52		5149.1	57.66	-16.34	74	43.99	34.61	11.55	32.49	389	36	P	V
5260MHz		5143.1	44.57	-9.43	54	30.86	34.61	11.55	32.45	389	36	A	V
	*	5260	112.99	-	-	99.36	34.77	11.62	32.76	389	36	P	V
	*	5260	103.59	-	-	89.96	34.77	11.62	32.76	389	36	A	V
													V
													V
		5145.95	59.02	-14.98	74	45.35	34.61	11.55	32.49	100	244	P	H
		5141.6	45.46	-8.54	54	31.75	34.61	11.55	32.45	100	244	A	H
	*	5299	117.38	-	-	103.88	34.82	11.65	32.97	100	244	P	H
	*	5299	107.82	-	-	94.32	34.82	11.65	32.97	100	244	A	H
802.11n		5352.42	65.86	-8.14	74	52.44	34.89	11.71	33.18	100	244	P	H
HT20		5350.88	47.79	-6.21	54	34.37	34.89	11.71	33.18	100	244	A	H
CH 60		5107.55	56.98	-17.02	74	43.34	34.56	11.5	32.42	382	36	P	V
5300MHz		5146.7	44.21	-9.79	54	30.54	34.61	11.55	32.49	382	36	A	V
	*	5301	113.57	-	-	100.04	34.82	11.68	32.97	382	36	P	V
	*	5301	104.22	-	-	90.69	34.82	11.68	32.97	382	36	A	V
		5351.87	59.14	-14.86	74	45.72	34.89	11.71	33.18	382	36	P	V
		5351.43	44.78	-9.22	54	31.36	34.89	11.71	33.18	382	36	A	V

	*	5321	115.49	-	-	101.94	34.84	11.68	32.97	100	244	P	H
	*	5321	105.5	-	-	91.95	34.84	11.68	32.97	100	244	A	H
		5350.11	71.3	-2.7	74	57.88	34.89	11.71	33.18	100	244	P	H
		5350.22	52.57	-1.43	54	39.15	34.89	11.71	33.18	100	244	A	H
802.11n													H
HT20													H
CH 64	*	5321	112.13	-	-	98.58	34.84	11.68	32.97	377	36	P	V
5320MHz	*	5321	102.29	-	-	88.74	34.84	11.68	32.97	377	36	A	V
		5354.62	66.47	-7.53	74	53.05	34.89	11.71	33.18	377	36	P	V
		5350.33	49.38	-4.62	54	35.96	34.89	11.71	33.18	377	36	A	V
													V
													V

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

15E band 2 5250~5350MHz

WIFI 802.11n HT20 (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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10520	43.32	-30.68	74	49.29	37.32	16.49	59.78	100	0	P	H
		15780	61.83	-12.17	74	58.47	40.63	20.46	57.73	100	213	P	H
802.11n		15780	47.04	-6.96	54	43.68	40.63	20.46	57.73	101	213	A	H
HT20													H
CH 52		10520	42.62	-31.38	74	48.59	37.32	16.49	59.78	100	0	P	V
5260MHz		15780	60.27	-13.73	74	56.91	40.63	20.46	57.73	101	244	P	V
		15780	46.82	-7.18	54	43.46	40.63	20.46	57.73	101	244	A	V
													V
		10600	44.25	-29.75	74	49.93	37.42	16.56	59.66	100	0	P	H
		15900	61.26	-12.74	74	57.62	40.78	20.52	57.66	101	215	P	H
802.11n		15900	46.44	-7.56	54	42.8	40.78	20.52	57.66	101	215	A	H
HT20													H
CH 60		10600	43.91	-30.09	74	49.59	37.42	16.56	59.66	100	0	P	V
5300MHz		15900	61.33	-12.67	74	57.69	40.78	20.52	57.66	101	245	P	V
		15900	46.61	-7.39	54	42.97	40.78	20.52	57.66	101	245	A	V
													V
		10640	43.56	-30.44	74	49.1	37.47	16.6	59.61	100	0	P	H
		15960	59.71	-14.29	74	55.92	40.86	20.55	57.62	101	212	P	H
802.11n		15960	43.43	-10.57	54	39.64	40.86	20.55	57.62	101	212	A	H
HT20													H
CH 64		10640	42.46	-31.54	74	48	37.47	16.6	59.61	100	0	P	V
5320MHz		15960	59.82	-14.18	74	56.03	40.86	20.55	57.62	100	244	P	V
		15960	43.89	-10.11	54	40.1	40.86	20.55	57.62	100	244	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5142.65	60.43	-13.57	74	46.72	34.61	11.55	32.45	102	244	P	H
		5144	47.14	-6.86	54	33.47	34.61	11.55	32.49	102	244	A	H
	*	5269	114.74	-	-	101.08	34.77	11.65	32.76	102	244	P	H
	*	5269	105.11	-	-	91.45	34.77	11.65	32.76	102	244	A	H
802.11n		5351.32	65.17	-8.83	74	51.75	34.89	11.71	33.18	102	244	P	H
HT40		5350.88	49.71	-4.29	54	36.29	34.89	11.71	33.18	102	244	A	H
CH 54		5077.1	58.02	-15.98	74	44.43	34.52	11.46	32.39	361	15	P	V
5270MHz		5146.85	45.04	-8.96	54	31.37	34.61	11.55	32.49	361	15	A	V
	*	5269	108.15	-	-	94.49	34.77	11.65	32.76	361	15	P	V
	*	5269	98.68	-	-	85.02	34.77	11.65	32.76	361	15	A	V
		5350.11	58.43	-15.57	74	45.01	34.89	11.71	33.18	361	15	P	V
		5358.58	45.08	-8.92	54	31.66	34.89	11.71	33.18	361	15	A	V
		5150	58.64	-15.36	74	44.97	34.61	11.55	32.49	100	244	P	H
		5149.55	45.41	-8.59	54	31.74	34.61	11.55	32.49	100	244	A	H
	*	5312	109.07	-	-	95.52	34.84	11.68	32.97	100	244	P	H
	*	5312	100.06	-	-	86.51	34.84	11.68	32.97	100	244	A	H
802.11n		5350	70.4	-3.6	74	56.98	34.89	11.71	33.18	100	244	P	H
HT40		5350	53.05	-0.95	54	39.63	34.89	11.71	33.18	100	244	A	H
CH 62		5110.55	57.58	-16.42	74	43.94	34.56	11.5	32.42	400	39	P	V
5310MHz		5092.25	44.24	-9.76	54	30.63	34.54	11.46	32.39	400	39	A	V
	*	5312	104.75	-	-	91.2	34.84	11.68	32.97	400	39	P	V
	*	5312	95.64	-	-	82.09	34.84	11.68	32.97	400	39	A	V
		5350.11	65.96	-8.04	74	52.54	34.89	11.71	33.18	400	39	P	V
		5350	49.41	-4.59	54	35.99	34.89	11.71	33.18	400	39	A	V

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

15E band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10540	43.53	-30.47	74	49.45	37.34	16.49	59.75	100	0	P	H
		15810	55.73	-18.27	74	52.29	40.67	20.48	57.71	100	213	P	H
802.11n		15810	46.32	-7.68	54	42.88	40.67	20.48	57.71	100	213	A	H
HT40													H
CH 54		10540	43.49	-30.51	74	49.41	37.34	16.49	59.75	100	0	P	V
5270MHz		15810	56.49	-17.51	74	53.05	40.67	20.48	57.71	100	252	P	V
		15810	46.65	-7.35	54	43.21	40.67	20.48	57.71	100	252	A	V
													V
		10620	43.37	-30.63	74	49	37.44	16.56	59.63	100	0	P	H
		15930	48.31	-25.69	74	44.6	40.82	20.53	57.64	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	42.94	-31.06	74	48.57	37.44	16.56	59.63	100	0	P	V
5310MHz		15930	49.02	-24.98	74	45.31	40.82	20.53	57.64	100	0	P	V
													V
													V

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

15E band 2 5250~5350MHz

WIFI 802.11ac VHT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5141.45	58.86	-15.14	74	45.15	34.61	11.55	32.45	106	242	P	H
		5147.9	45.87	-8.13	54	32.2	34.61	11.55	32.49	106	242	A	H
	*	5261	117.46	-	-	103.8	34.77	11.65	32.76	106	242	P	H
	*	5261	108.07	-	-	94.41	34.77	11.65	32.76	106	242	A	H
802.11ac		5351.32	58.69	-15.31	74	45.27	34.89	11.71	33.18	106	242	P	H
VHT20		5357.7	45.88	-8.12	54	32.46	34.89	11.71	33.18	106	242	A	H
CH 52		5056.1	57.27	-16.73	74	43.72	34.49	11.41	32.35	391	36	P	V
5260MHz		5144.9	44.59	-9.41	54	30.92	34.61	11.55	32.49	391	36	A	V
	*	5259	113.18	-	-	99.55	34.77	11.62	32.76	391	36	P	V
	*	5259	103.3	-	-	89.67	34.77	11.62	32.76	391	36	A	V
		5389.27	57.69	-16.31	74	44.29	34.94	11.74	33.28	391	36	P	V
		5387.73	44.73	-9.27	54	31.33	34.94	11.74	33.28	391	36	A	V
		5149.7	58.85	-15.15	74	45.18	34.61	11.55	32.49	100	243	P	H
		5150	45.17	-8.83	54	31.5	34.61	11.55	32.49	100	243	A	H
	*	5302	117.24	-	-	103.71	34.82	11.68	32.97	100	243	P	H
	*	5302	107.58	-	-	94.05	34.82	11.68	32.97	100	243	A	H
802.11ac		5351.54	66.52	-7.48	74	53.1	34.89	11.71	33.18	100	243	P	H
VHT20		5350	47.93	-6.07	54	34.51	34.89	11.71	33.18	100	243	A	H
CH 60		5112.95	57.72	-16.28	74	44.08	34.56	11.5	32.42	382	36	P	V
5300MHz		5143.4	44.22	-9.78	54	30.51	34.61	11.55	32.45	382	36	A	V
	*	5299	114.06	-	-	100.56	34.82	11.65	32.97	382	36	P	V
	*	5299	103.61	-	-	90.11	34.82	11.65	32.97	382	36	A	V
		5350.66	59.46	-14.54	74	46.04	34.89	11.71	33.18	382	36	P	V
		5350	44.93	-9.07	54	31.51	34.89	11.71	33.18	382	36	A	V

802.11ac VHT20 CH 64 5320MHz		5123.3	58.32	-15.68	74	44.68	34.59	11.5	32.45	100	243	P	H
		5143.1	44.8	-9.2	54	31.09	34.61	11.55	32.45	100	243	A	H
	*	5321	115.07	-	-	101.52	34.84	11.68	32.97	100	243	P	H
	*	5321	105.39	-	-	91.84	34.84	11.68	32.97	100	243	A	H
		5352.09	70.26	-3.74	74	56.84	34.89	11.71	33.18	100	243	P	H
		5350	52.45	-1.55	54	39.03	34.89	11.71	33.18	100	243	A	H
		5141.75	57.42	-16.58	74	43.71	34.61	11.55	32.45	377	36	P	V
		5133.05	44.02	-9.98	54	30.38	34.59	11.5	32.45	377	36	A	V
	*	5321	111.87	-	-	98.32	34.84	11.68	32.97	377	36	P	V
	*	5321	102.65	-	-	89.1	34.84	11.68	32.97	377	36	A	V
		5350	66.2	-7.8	74	52.78	34.89	11.71	33.18	377	36	P	V
		5350.11	49.23	-4.77	54	35.81	34.89	11.71	33.18	377	36	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 2 5250~5350MHz

WIFI 802.11ac VHT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10520	43.11	-30.89	74	49.08	37.32	16.49	59.78	100	0	P	H
		15780	57.85	-16.15	74	54.49	40.63	20.46	57.73	101	215	P	H
802.11ac		15780	46.68	-7.32	54	43.32	40.63	20.46	57.73	101	215	A	H
VHT20													H
CH 52		10520	42.34	-31.66	74	48.31	37.32	16.49	59.78	100	0	P	V
5260MHz		15780	59.27	-14.73	74	55.91	40.63	20.46	57.73	102	246	P	V
		15780	47.3	-6.7	54	43.94	40.63	20.46	57.73	102	246	A	V
													V
		10600	43.89	-30.11	74	49.57	37.42	16.56	59.66	100	0	P	H
		15900	58.6	-15.4	74	54.96	40.78	20.52	57.66	100	213	P	H
802.11ac		15900	46.78	-7.22	54	43.14	40.78	20.52	57.66	100	213	A	H
VHT20													H
CH 60		10600	42.85	-31.15	74	48.53	37.42	16.56	59.66	100	0	P	V
5300MHz		15900	57.78	-16.22	74	54.14	40.78	20.52	57.66	100	252	P	V
		15900	46.5	-7.5	54	42.86	40.78	20.52	57.66	100	252	A	V
													V
		10640	42.31	-31.69	74	47.85	37.47	16.6	59.61	100	0	P	H
		15960	57.04	-16.96	74	53.25	40.86	20.55	57.62	100	214	P	H
802.11ac		15960	44.94	-9.06	54	41.15	40.86	20.55	57.62	100	214	A	H
VHT20													H
CH 64		10640	43.07	-30.93	74	48.61	37.47	16.6	59.61	100	0	P	V
5320MHz		15960	56.02	-17.98	74	52.23	40.86	20.55	57.62	100	252	P	V
		15960	44.66	-9.34	54	40.87	40.86	20.55	57.62	100	252	A	V
													V

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

15E band 2 5250~5350MHz

WIFI 802.11ac VHT40 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5142.8	60.83	-13.17	74	47.12	34.61	11.55	32.45	101	242	P	H
		5141	47.26	-6.74	54	33.55	34.61	11.55	32.45	101	242	A	H
	*	5267	115.43	-	-	101.77	34.77	11.65	32.76	101	242	P	H
	*	5267	105.9	-	-	92.24	34.77	11.65	32.76	101	242	A	H
802.11ac		5350.44	67.84	-6.16	74	54.42	34.89	11.71	33.18	101	242	P	H
VHT40		5350	51.7	-2.3	54	38.28	34.89	11.71	33.18	101	242	A	H
CH 54		5124.35	57.98	-16.02	74	44.34	34.59	11.5	32.45	324	33	P	V
5270MHz		5145.8	45.52	-8.48	54	31.85	34.61	11.55	32.49	324	33	A	V
	*	5272	111.49	-	-	97.93	34.77	11.65	32.86	324	33	P	V
	*	5272	102.12	-	-	88.56	34.77	11.65	32.86	324	33	A	V
		5352.42	60.07	-13.93	74	46.65	34.89	11.71	33.18	324	33	P	V
		5351.32	46.27	-7.73	54	32.85	34.89	11.71	33.18	324	33	A	V
		5135.3	58.09	-15.91	74	44.45	34.59	11.5	32.45	100	244	P	H
		5145.95	45.42	-8.58	54	31.75	34.61	11.55	32.49	100	244	A	H
	*	5308	109.82	-	-	96.29	34.82	11.68	32.97	100	244	P	H
	*	5308	100.31	-	-	86.78	34.82	11.68	32.97	100	244	A	H
802.11ac		5350.11	69.34	-4.66	74	55.92	34.89	11.71	33.18	100	244	P	H
VHT40		5350.22	53.19	-0.81	54	39.77	34.89	11.71	33.18	100	244	A	H
CH 62		5138.75	57.92	-16.08	74	44.28	34.59	11.5	32.45	337	37	P	V
5310MHz		5144.3	44.76	-9.24	54	31.09	34.61	11.55	32.49	337	37	A	V
	*	5307	105.59	-	-	92.06	34.82	11.68	32.97	337	37	P	V
	*	5307	96.36	-	-	82.83	34.82	11.68	32.97	337	37	A	V
		5350.77	64.22	-9.78	74	50.8	34.89	11.71	33.18	337	37	P	V
		5350.11	48.56	-5.44	54	35.14	34.89	11.71	33.18	337	37	A	V

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

15E band 2 5250~5350MHz

WIFI 802.11ac VHT40 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10540	42.58	-31.42	74	48.5	37.34	16.49	59.75	100	0	P	H
		15810	54.16	-19.84	74	50.72	40.67	20.48	57.71	103	226	P	H
802.11ac		15810	43.77	-10.23	54	40.33	40.67	20.48	57.71	103	226	A	H
VHT40													H
CH 54		10540	42.22	-31.78	74	48.14	37.34	16.49	59.75	100	0	P	V
5270MHz		15810	52.84	-21.16	74	49.4	40.67	20.48	57.71	326	16	P	V
		15810	42.52	-11.48	54	39.08	40.67	20.48	57.71	326	16	A	V
													V
		10620	42.66	-31.34	74	48.29	37.44	16.56	59.63	100	0	P	H
		15930	48.46	-25.54	74	44.75	40.82	20.53	57.64	100	0	P	H
802.11ac													H
VHT40													H
CH 62		10620	42.24	-31.76	74	47.87	37.44	16.56	59.63	100	0	P	V
5310MHz		15930	48.8	-25.2	74	45.09	40.82	20.53	57.64	100	0	P	V
													V
													V

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

15E band 2 5250~5350MHz

WIFI 802.11ac VHT80 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		5144.75	58.21	-15.79	74	44.54	34.61	11.55	32.49	100	244	P	H
		5148.65	45.28	-8.72	54	31.61	34.61	11.55	32.49	100	244	A	H
	*	5290	104.87	-	-	91.28	34.8	11.65	32.86	100	244	P	H
	*	5290	95.5	-	-	81.91	34.8	11.65	32.86	100	244	A	H
		5352.64	66.94	-7.06	74	53.52	34.89	11.71	33.18	100	244	P	H
		5351.32	53.1	-0.9	54	39.68	34.89	11.71	33.18	100	244	A	H
		5025.95	57.02	-16.98	74	43.48	34.45	11.41	32.32	341	35	P	V
		5141.3	44.74	-9.26	54	31.03	34.61	11.55	32.45	341	35	A	V
	*	5290	100.46	-	-	86.87	34.8	11.65	32.86	341	35	P	V
		5365.18	59.12	-14.88	74	45.68	34.91	11.71	33.18	341	35	P	V
		5398.29	47.66	-6.34	54	34.24	34.96	11.74	33.28	341	35	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 2 5250~5350MHz

WIFI 802.11ac VHT80 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10580	43.65	-30.35	74	49.41	37.4	16.52	59.68	100	0	P	H
		15870	47.32	-26.68	74	43.71	40.76	20.52	57.67	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	43.12	-30.88	74	48.88	37.4	16.52	59.68	100	0	P	V
5290MHz		15870	47.76	-26.24	74	44.15	40.76	20.52	57.67	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5469.2	66.7	-7.3	74	53.36	35.05	11.86	33.57	100	192	P	H
		5469.84	52.1	-1.9	54	38.76	35.05	11.86	33.57	100	192	A	H
	*	5500	116.15	-	-	102.85	35.1	11.86	33.66	100	192	P	H
	*	5500	106.23	-	-	92.93	35.1	11.86	33.66	100	192	A	H
													H
													H
		5469.84	59.87	-14.13	74	46.53	35.05	11.86	33.57	340	37	P	V
		5470	46.43	-7.57	54	33.09	35.05	11.86	33.57	340	37	A	V
	*	5500	109.62	-	-	96.32	35.1	11.86	33.66	340	37	P	V
	*	5500	100.11	-	-	86.81	35.1	11.86	33.66	340	37	A	V
													V
													V
802.11a CH 116 5580MHz		5456.24	57.88	-16.12	74	44.62	35.03	11.8	33.57	100	193	P	H
		5469.84	45.18	-8.82	54	31.84	35.05	11.86	33.57	100	193	A	H
	*	5580	118.31	-	-	105.2	35.14	11.98	34.01	100	193	P	H
	*	5580	108.28	-	-	95.17	35.14	11.98	34.01	100	193	A	H
		5729	58.62	-15.38	74	45.28	35.23	12.26	34.15	100	193	P	H
		5727.48	44.88	-9.12	54	31.54	35.23	12.26	34.15	100	193	A	H
		5381.52	57.72	-16.28	74	44.32	34.94	11.74	33.28	331	31	P	V
		5387.28	44.21	-9.79	54	30.81	34.94	11.74	33.28	331	31	A	V
	*	5580	111.05	-	-	97.94	35.14	11.98	34.01	331	31	P	V
	*	5580	101.25	-	-	88.14	35.14	11.98	34.01	331	31	A	V
		5751.48	57.92	-16.08	74	44.52	35.24	12.33	34.17	331	31	P	V
		5759.72	44.02	-9.98	54	30.63	35.26	12.33	34.2	331	31	A	V

802.11a CH 140 5700MHz	*	5700	114.01	-	-	100.74	35.21	12.18	34.12	100	191	P	H
	*	5700	104.61	-	-	91.34	35.21	12.18	34.12	100	191	A	H
		5725.08	70.35	-3.65	74	57.01	35.23	12.26	34.15	100	191	P	H
		5725	53	-1	54	39.66	35.23	12.26	34.15	100	191	A	H
													H
													H
	*	5700	108.2	-	-	94.93	35.21	12.18	34.12	396	328	P	V
	*	5700	98.52	-	-	85.25	35.21	12.18	34.12	396	328	A	V
		5725.56	63.69	-10.31	74	50.35	35.23	12.26	34.15	396	328	P	V
		5725.08	47.15	-6.85	54	33.81	35.23	12.26	34.15	396	328	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11000	44.28	-29.72	74	48.54	37.9	16.94	59.1	100	0	P	H
		16500	57.71	-16.29	74	52.23	41.4	20.88	56.8	101	217	P	H
		16500	44.2	-9.8	54	38.72	41.4	20.88	56.8	101	217	A	H
													H
		11000	44.52	-29.48	74	48.78	37.9	16.94	59.1	100	0	P	V
		16500	59.38	-14.62	74	53.9	41.4	20.88	56.8	101	249	P	V
		16500	44.86	-9.14	54	39.38	41.4	20.88	56.8	101	249	A	V
													V
802.11a CH 116 5580MHz		11160	46.37	-27.63	74	49.96	38	17.08	58.67	100	0	P	H
		16740	62.6	-11.4	74	56.29	41.88	21.04	56.61	101	211	P	H
		16740	48.67	-5.33	54	42.36	41.88	21.04	56.61	101	211	A	H
													H
		11160	44.39	-29.61	74	47.98	38	17.08	58.67	100	0	P	V
		16740	61.93	-12.07	74	55.62	41.88	21.04	56.61	101	245	P	V
		16740	49	-5	54	42.69	41.88	21.04	56.61	101	245	A	V
													V
802.11a CH 140 5700MHz		11400	46.11	-27.89	74	48.72	38.14	17.31	58.06	100	0	P	H
		17100	56.02	-17.98	74	48.89	42.32	21.27	56.46	101	215	P	H
		17100	41.16	-12.84	54	34.03	42.32	21.27	56.46	101	215	A	H
													H
		11400	45.87	-28.13	74	48.48	38.14	17.31	58.06	100	0	P	V
		17100	56.73	-17.27	74	49.6	42.32	21.27	56.46	101	257	P	V
		17100	42.87	-11.13	54	35.74	42.32	21.27	56.46	101	257	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11n HT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5469.84	72.76	-1.24	74	59.42	35.05	11.86	33.57	100	191	P	H
		5469.68	51.55	-2.45	54	38.21	35.05	11.86	33.57	100	191	A	H
	*	5501	114.91	-	-	101.63	35.1	11.92	33.74	100	191	P	H
	*	5501	105.11	-	-	91.83	35.1	11.92	33.74	100	191	A	H
802.11n													H
HT20													H
CH 100		5469.52	66.68	-7.32	74	53.34	35.05	11.86	33.57	298	20	P	V
5500MHz		5470	47.35	-6.65	54	34.01	35.05	11.86	33.57	298	20	A	V
	*	5501	109.91	-	-	96.63	35.1	11.92	33.74	298	20	P	V
	*	5501	100.52	-	-	87.24	35.1	11.92	33.74	298	20	A	V
													V
													V
		5382.96	58.16	-15.84	74	44.76	34.94	11.74	33.28	100	192	P	H
		5468.24	44.84	-9.16	54	31.5	35.05	11.86	33.57	100	192	A	H
	*	5579	115.58	-	-	102.47	35.14	11.98	34.01	100	192	P	H
	*	5579	105.91	-	-	92.8	35.14	11.98	34.01	100	192	A	H
802.11n		5727.24	57.9	-16.1	74	44.56	35.23	12.26	34.15	100	192	P	H
HT20		5735.24	44.55	-9.45	54	31.22	35.24	12.26	34.17	100	192	A	H
CH 116		5380.08	57.46	-16.54	74	44.06	34.94	11.74	33.28	323	31	P	V
5580MHz		5406.32	44.36	-9.64	54	31.05	34.96	11.74	33.39	323	31	A	V
	*	5581	111.33	-	-	98.16	35.14	12.04	34.01	323	31	P	V
	*	5581	101.59	-	-	88.42	35.14	12.04	34.01	323	31	A	V
		5745.72	58.15	-15.85	74	44.75	35.24	12.33	34.17	323	31	P	V
		5755.96	44.17	-9.83	54	30.78	35.26	12.33	34.2	323	31	A	V

	*	5701	112.93	-	-	99.57	35.22	12.26	34.12	100	192	P	H
	*	5701	102.89	-	-	89.53	35.22	12.26	34.12	100	192	A	H
		5725	70.24	-3.76	74	56.9	35.23	12.26	34.15	100	192	P	H
		5725	52.28	-1.72	54	38.94	35.23	12.26	34.15	100	192	A	H
802.11n													H
HT20													H
CH 140	*	5699	107.16	-	-	93.89	35.21	12.18	34.12	311	25	P	V
5700MHz	*	5699	97.69	-	-	84.42	35.21	12.18	34.12	311	25	A	V
		5725.16	63.41	-10.59	74	50.07	35.23	12.26	34.15	311	25	P	V
		5725	47.11	-6.89	54	33.77	35.23	12.26	34.15	311	25	A	V
													V
													V

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

15E band 3 - 5470~5725MHz

WIFI 802.11n HT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11000	44.13	-29.87	74	48.39	37.9	16.94	59.1	100	0	P	H
		16500	54.74	-19.26	74	49.26	41.4	20.88	56.8	100	207	P	H
802.11n		16500	43.32	-10.68	54	37.84	41.4	20.88	56.8	100	207	A	H
HT20													H
CH 100		11000	44.06	-29.94	74	48.32	37.9	16.94	59.1	100	0	P	V
5500MHz		16500	54.63	-19.37	74	49.15	41.4	20.88	56.8	100	249	P	V
		16500	43.02	-10.98	54	37.54	41.4	20.88	56.8	100	249	A	V
													V
		11160	43.03	-30.97	74	46.62	38	17.08	58.67	100	0	P	H
		16740	58.14	-15.86	74	51.83	41.88	21.04	56.61	100	215	P	H
802.11n		16740	46.13	-7.87	54	39.82	41.88	21.04	56.61	100	215	A	H
HT20													H
CH 116		11160	43.22	-30.78	74	46.81	38	17.08	58.67	100	0	P	V
5580MHz		16740	57.17	-16.83	74	50.86	41.88	21.04	56.61	100	249	P	V
		16740	45.36	-8.64	54	39.05	41.88	21.04	56.61	100	249	A	V
													V
		11400	44.68	-29.32	74	47.29	38.14	17.31	58.06	100	0	P	H
		17100	51.05	-22.95	74	43.92	42.32	21.27	56.46	100	215	P	H
802.11n		17100	39.97	-14.03	54	32.84	42.32	21.27	56.46	100	215	A	H
HT20													H
CH 140		11400	45.25	-28.75	74	47.86	38.14	17.31	58.06	100	0	P	V
5700MHz		17100	53.7	-20.3	74	46.57	42.32	21.27	56.46	100	258	P	V
		17100	42.65	-11.35	54	35.52	42.32	21.27	56.46	100	258	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5466	66.71	-7.29	74	53.37	35.05	11.86	33.57	101	192	P	H
		5470	52.98	-1.02	54	39.64	35.05	11.86	33.57	101	192	A	H
	*	5509	107.33	-	-	94.05	35.1	11.92	33.74	101	192	P	H
	*	5509	98.35	-	-	85.07	35.1	11.92	33.74	101	192	A	H
802.11n		5731.8	57.93	-16.07	74	44.61	35.23	12.26	34.17	101	192	P	H
HT40		5747.24	44.47	-9.53	54	31.07	35.24	12.33	34.17	101	192	A	H
CH 102		5470	61.62	-12.38	74	48.28	35.05	11.86	33.57	387	39	P	V
5510MHz		5470	45.66	-8.34	54	32.32	35.05	11.86	33.57	387	39	A	V
	*	5512	102.42	-	-	89.14	35.1	11.92	33.74	387	39	P	V
	*	5512	93.41	-	-	80.13	35.1	11.92	33.74	387	39	A	V
		5735.88	58.77	-15.23	74	45.44	35.24	12.26	34.17	387	39	P	V
		5747.8	44.47	-9.53	54	31.07	35.24	12.33	34.17	387	39	A	V
		5461.68	62.39	-11.61	74	49.07	35.03	11.86	33.57	100	191	P	H
		5469.36	48.01	-5.99	54	34.67	35.05	11.86	33.57	100	191	A	H
	*	5553	113.43	-	-	100.24	35.13	11.98	33.92	100	191	P	H
	*	5553	103.83	-	-	90.64	35.13	11.98	33.92	100	191	A	H
802.11n		5740.04	58.38	-15.62	74	44.98	35.24	12.33	34.17	100	191	P	H
HT40		5726.36	45.3	-8.7	54	31.96	35.23	12.26	34.15	100	191	A	H
CH 110		5444.56	57.82	-16.18	74	44.49	35.01	11.8	33.48	344	34	P	V
5550MHz		5411.6	45.27	-8.73	54	31.94	34.98	11.74	33.39	344	34	A	V
	*	5550	108.6	-	-	95.32	35.13	11.98	33.83	344	34	P	V
	*	5550	99.47	-	-	86.19	35.13	11.98	33.83	344	34	A	V
		5761.08	57.52	-16.48	74	44.13	35.26	12.33	34.2	344	34	P	V
		5729.8	44.66	-9.34	54	31.32	35.23	12.26	34.15	344	34	A	V

802.11n HT40 CH 134 5670MHz		5400.56	57.92	-16.08	74	44.61	34.96	11.74	33.39	100	212	P	H
		5392.08	44.9	-9.1	54	31.5	34.94	11.74	33.28	100	212	A	H
	*	5669	112.35	-	-	99.06	35.2	12.18	34.09	100	212	P	H
	*	5669	103.18	-	-	89.89	35.2	12.18	34.09	100	212	A	H
		5726.84	72.78	-1.22	74	59.44	35.23	12.26	34.15	100	212	P	H
		5725.48	53.05	-0.95	54	39.71	35.23	12.26	34.15	100	212	A	H
		5406.32	57.34	-16.66	74	44.03	34.96	11.74	33.39	393	288	P	V
		5403.76	44.85	-9.15	54	31.54	34.96	11.74	33.39	393	288	A	V
	*	5669	107.9	-	-	94.61	35.2	12.18	34.09	393	288	P	V
	*	5669	98.31	-	-	85.02	35.2	12.18	34.09	393	288	A	V
		5725.08	64.47	-9.53	74	51.13	35.23	12.26	34.15	393	288	P	V
		5725.08	47.22	-6.78	54	33.88	35.23	12.26	34.15	393	288	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11020	44.36	-29.64	74	48.57	37.91	16.94	59.06	100	0	P	H
		16530	48.24	-25.76	74	42.63	41.47	20.91	56.77	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	43.33	-30.67	74	47.54	37.91	16.94	59.06	100	0	P	V
5510MHz		16530	49.53	-24.47	74	43.92	41.47	20.91	56.77	100	0	P	V
													V
													V
		11100	44.27	-29.73	74	48.14	37.96	17.01	58.84	100	0	P	H
		16650	51.8	-22.2	74	45.78	41.71	20.99	56.68	103	212	P	H
802.11n		16650	41.59	-12.41	54	35.57	41.71	20.99	56.68	103	212	A	H
HT40													H
CH 110		11100	43.49	-30.51	74	47.36	37.96	17.01	58.84	100	0	P	V
5550MHz		16650	51.23	-22.77	74	45.21	41.71	20.99	56.68	110	243	P	V
		16650	42.42	-11.58	54	36.4	41.71	20.99	56.68	110	243	A	V
													V
		11340	45.89	-28.11	74	48.79	38.1	17.23	58.23	100	0	P	H
		17010	49.57	-24.43	74	42.37	42.39	21.22	56.41	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	44.78	-29.22	74	47.68	38.1	17.23	58.23	100	0	P	V
5670MHz		17010	51.79	-22.21	74	44.59	42.39	21.22	56.41	312	51	P	V
		17010	41.42	-12.58	54	34.22	42.39	21.22	56.41	312	51	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5469.36	71.22	-2.78	74	57.88	35.05	11.86	33.57	100	191	P	H
		5469.84	51.07	-2.93	54	37.73	35.05	11.86	33.57	100	191	A	H
	*	5499	115.01	-	-	101.71	35.1	11.86	33.66	100	191	P	H
	*	5499	105.32	-	-	92.02	35.1	11.86	33.66	100	191	A	H
802.11ac		5752.92	57.41	-16.59	74	43.99	35.26	12.33	34.17	100	191	P	H
VHT20		5755.88	44.19	-9.81	54	30.8	35.26	12.33	34.2	100	191	A	H
CH 100		5469.84	66.44	-7.56	74	53.1	35.05	11.86	33.57	298	20	P	V
5500MHz		5469.36	47.2	-6.8	54	33.86	35.05	11.86	33.57	298	20	A	V
	*	5501	109.92	-	-	96.64	35.1	11.92	33.74	298	20	P	V
	*	5501	100.43	-	-	87.15	35.1	11.92	33.74	298	20	A	V
		5751.08	57.31	-16.69	74	43.91	35.24	12.33	34.17	298	20	P	V
		5752.12	44.26	-9.74	54	30.84	35.26	12.33	34.17	298	20	A	V
		5461.52	57.99	-16.01	74	44.67	35.03	11.86	33.57	100	192	P	H
		5466.8	45.11	-8.89	54	31.77	35.05	11.86	33.57	100	192	A	H
	*	5579	116	-	-	102.89	35.14	11.98	34.01	100	192	P	H
	*	5579	106.74	-	-	93.63	35.14	11.98	34.01	100	192	A	H
802.11ac		5761.32	58.25	-15.75	74	44.86	35.26	12.33	34.2	100	192	P	H
VHT20		5731.8	44.81	-9.19	54	31.49	35.23	12.26	34.17	100	192	A	H
CH 116		5469.68	57.59	-16.41	74	44.25	35.05	11.86	33.57	323	31	P	V
5580MHz		5410.16	44.36	-9.64	54	31.05	34.96	11.74	33.39	323	31	A	V
	*	5582	111.5	-	-	98.32	35.15	12.04	34.01	323	31	P	V
	*	5582	102.35	-	-	89.17	35.15	12.04	34.01	323	31	A	V
		5755.56	57.67	-16.33	74	44.25	35.26	12.33	34.17	323	31	P	V
		5754.12	44.18	-9.82	54	30.76	35.26	12.33	34.17	323	31	A	V

802.11ac VHT20 CH 140 5700MHz		5394.64	57.85	-16.15	74	44.43	34.96	11.74	33.28	100	192	P	H
		5402.48	44.28	-9.72	54	30.97	34.96	11.74	33.39	100	192	A	H
	*	5700	112.68	-	-	99.41	35.21	12.18	34.12	100	192	P	H
	*	5700	103.3	-	-	90.03	35.21	12.18	34.12	100	192	A	H
		5725.08	70.77	-3.23	74	57.43	35.23	12.26	34.15	100	192	P	H
		5725	52.23	-1.77	54	38.89	35.23	12.26	34.15	100	192	A	H
		5392.08	57.84	-16.16	74	44.44	34.94	11.74	33.28	311	25	P	V
		5382.32	44.31	-9.69	54	30.91	34.94	11.74	33.28	311	25	A	V
	*	5699	106.54	-	-	93.27	35.21	12.18	34.12	311	25	P	V
	*	5699	97.33	-	-	84.06	35.21	12.18	34.12	311	25	A	V
		5725	63	-11	74	49.66	35.23	12.26	34.15	311	25	P	V
		5725	46.8	-7.2	54	33.46	35.23	12.26	34.15	311	25	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11000	44.48	-29.52	74	48.74	37.9	16.94	59.1	100	0	P	H
		16500	55.08	-18.92	74	49.6	41.4	20.88	56.8	100	210	P	H
802.11ac		16500	43.44	-10.56	54	37.96	41.4	20.88	56.8	100	210	A	H
VHT20													H
CH 100		11000	43.2	-30.8	74	47.46	37.9	16.94	59.1	100	0	P	V
5500MHz		16500	58.27	-15.73	74	52.79	41.4	20.88	56.8	100	248	P	V
		16500	46.07	-7.93	54	40.59	41.4	20.88	56.8	100	248	A	V
													V
		11160	44.3	-29.7	74	47.89	38	17.08	58.67	100	0	P	H
		16740	56.63	-17.37	74	50.32	41.88	21.04	56.61	100	211	P	H
802.11ac		16740	45.97	-8.03	54	39.66	41.88	21.04	56.61	100	211	A	H
VHT20													H
CH 116		11160	43.93	-30.07	74	47.52	38	17.08	58.67	100	0	P	V
5580MHz		16740	58.07	-15.93	74	51.76	41.88	21.04	56.61	100	244	P	V
		16740	46.56	-7.44	54	40.25	41.88	21.04	56.61	100	244	A	V
													V
		11400	45.27	-28.73	74	47.88	38.14	17.31	58.06	100	0	P	H
		17100	51.82	-22.18	74	44.69	42.32	21.27	56.46	100	225	P	H
802.11ac		17100	40.65	-13.35	54	33.52	42.32	21.27	56.46	100	225	A	H
VHT20													H
CH 140		11400	44.42	-29.58	74	47.03	38.14	17.31	58.06	100	0	P	V
5700MHz		17100	51.53	-22.47	74	44.4	42.32	21.27	56.46	100	255	P	V
		17100	40.52	-13.48	54	33.39	42.32	21.27	56.46	100	255	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5469.2	66.22	-7.78	74	52.88	35.05	11.86	33.57	101	190	P	H
		5469.84	52.87	-1.13	54	39.53	35.05	11.86	33.57	101	190	A	H
	*	5512	107.24	-	-	93.96	35.1	11.92	33.74	101	190	P	H
	*	5512	98.16	-	-	84.88	35.1	11.92	33.74	101	190	A	H
802.11ac		5763.32	57.65	-16.35	74	44.26	35.26	12.33	34.2	101	190	P	H
VHT40		5760.6	44.72	-9.28	54	31.33	35.26	12.33	34.2	101	190	A	H
CH 102		5468.24	60.7	-13.3	74	47.36	35.05	11.86	33.57	298	31	P	V
5510MHz		5470	47.88	-6.12	54	34.54	35.05	11.86	33.57	298	31	A	V
	*	5509	102.25	-	-	88.97	35.1	11.92	33.74	298	31	P	V
	*	5509	93.24	-	-	79.96	35.1	11.92	33.74	298	31	A	V
		5731.56	56.89	-17.11	74	43.57	35.23	12.26	34.17	298	31	P	V
		5761.96	44.43	-9.57	54	31.04	35.26	12.33	34.2	298	31	A	V
		5464.88	63.35	-10.65	74	50.01	35.05	11.86	33.57	100	192	P	H
		5470	48.28	-5.72	54	34.94	35.05	11.86	33.57	100	192	A	H
	*	5549	113.53	-	-	100.25	35.13	11.98	33.83	100	192	P	H
	*	5549	104.31	-	-	91.03	35.13	11.98	33.83	100	192	A	H
802.11ac		5736.2	58.38	-15.62	74	45.05	35.24	12.26	34.17	100	192	P	H
VHT40		5753.32	45.19	-8.81	54	31.77	35.26	12.33	34.17	100	192	A	H
CH 110		5412.88	57.7	-16.3	74	44.37	34.98	11.74	33.39	346	50	P	V
5550MHz		5408.88	44.99	-9.01	54	31.68	34.96	11.74	33.39	346	50	A	V
	*	5552	108.84	-	-	95.65	35.13	11.98	33.92	346	50	P	V
	*	5552	99.23	-	-	86.04	35.13	11.98	33.92	346	50	A	V
		5736.6	57.23	-16.77	74	43.9	35.24	12.26	34.17	346	50	P	V
		5731.4	44.41	-9.59	54	31.09	35.23	12.26	34.17	346	50	A	V

802.11ac VHT40 CH 134 5670MHz		5392.56	57.32	-16.68	74	43.92	34.94	11.74	33.28	101	213	P	H
		5381.52	44.81	-9.19	54	31.41	34.94	11.74	33.28	101	213	A	H
	*	5669	111.61	-	-	98.32	35.2	12.18	34.09	101	213	P	H
	*	5669	102.71	-	-	89.42	35.2	12.18	34.09	101	213	A	H
		5725.08	70.31	-3.69	74	56.97	35.23	12.26	34.15	101	213	P	H
		5727	52.03	-1.97	54	38.69	35.23	12.26	34.15	101	213	A	H
		5396.24	57.04	-16.96	74	43.62	34.96	11.74	33.28	312	24	P	V
		5383.12	44.76	-9.24	54	31.36	34.94	11.74	33.28	312	24	A	V
	*	5673	107.77	-	-	94.48	35.2	12.18	34.09	312	24	P	V
	*	5673	98.25	-	-	84.96	35.2	12.18	34.09	312	24	A	V
		5727.56	66.56	-7.44	74	53.22	35.23	12.26	34.15	312	24	P	V
		5725.48	48.01	-5.99	54	34.67	35.23	12.26	34.15	312	24	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11020	44.61	-29.39	74	48.82	37.91	16.94	59.06	100	0	P	H
		16530	48.26	-25.74	74	42.65	41.47	20.91	56.77	100	0	P	H
802.11ac													H
VHT40													H
CH 102		11020	43.51	-30.49	74	47.72	37.91	16.94	59.06	100	0	P	V
5510MHz		16530	47.88	-26.12	74	42.27	41.47	20.91	56.77	100	0	P	V
													V
													V
		11100	45.9	-28.1	74	49.77	37.96	17.01	58.84	100	0	P	H
		16656	52.64	-21.36	74	46.62	41.71	20.99	56.68	111	296	P	H
802.11ac		16656	42.35	-11.65	54	36.33	41.71	20.99	56.68	111	296	A	H
VHT40													H
CH 110		11100	43.34	-30.66	74	47.21	37.96	17.01	58.84	100	0	P	V
5550MHz		16650	53.31	-20.69	74	47.29	41.71	20.99	56.68	312	55	P	V
		16650	43.13	-10.87	54	37.11	41.71	20.99	56.68	312	55	A	V
													V
		11340	45.4	-28.6	74	48.3	38.1	17.23	58.23	100	0	P	H
		17010	50.78	-23.22	74	43.58	42.39	21.22	56.41	116	295	P	H
802.11ac		17010	40.64	-13.36	54	33.44	42.39	21.22	56.41	116	295	A	H
VHT40													H
CH 134		11340	44.85	-29.15	74	47.75	38.1	17.23	58.23	100	0	P	V
5670MHz		17010	50.97	-23.03	74	43.77	42.39	21.22	56.41	314	49	P	V
		17010	40.89	-13.11	54	33.69	42.39	21.22	56.41	314	49	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 5470~5725MHz

WIFI 802.11ac VHT80 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		5468.56	66.6	-7.4	74	53.26	35.05	11.86	33.57	100	191	P	H
		5468.08	53.38	-0.62	54	40.04	35.05	11.86	33.57	100	191	A	H
	*	5532	102.14	-	-	88.93	35.12	11.92	33.83	100	191	P	H
	*	5532	92.84	-	-	79.63	35.12	11.92	33.83	100	191	A	H
		5751.4	57.17	-16.83	74	43.77	35.24	12.33	34.17	100	191	P	H
		5750.04	44.84	-9.16	54	31.44	35.24	12.33	34.17	100	191	A	H
		5461.36	60.33	-13.67	74	47.01	35.03	11.86	33.57	324	37	P	V
		5462.48	47.94	-6.06	54	34.62	35.03	11.86	33.57	324	37	A	V
	*	5532	96.69	-	-	83.48	35.12	11.92	33.83	324	37	P	V
	*	5532	87.46	-	-	74.25	35.12	11.92	33.83	324	37	A	V
		5749.16	56.81	-17.19	74	43.41	35.24	12.33	34.17	324	37	P	V
		5762.52	44.73	-9.27	54	31.34	35.26	12.33	34.2	324	37	A	V
802.11ac VHT80 CH 122 5610MHz		5464.56	59.71	-14.29	74	46.37	35.05	11.86	33.57	100	192	P	H
		5465.52	47.16	-6.84	54	33.82	35.05	11.86	33.57	100	192	A	H
	*	5610	108.74	-	-	95.58	35.16	12.04	34.04	100	192	P	H
	*	5610	99.05	-	-	85.89	35.16	12.04	34.04	100	192	A	H
		5725.96	66.04	-7.96	74	52.7	35.23	12.26	34.15	100	192	P	H
		5725.08	52.86	-1.14	54	39.52	35.23	12.26	34.15	100	192	A	H
		5464.72	57.97	-16.03	74	44.63	35.05	11.86	33.57	396	35	P	V
		5469.84	45.9	-8.1	54	32.56	35.05	11.86	33.57	396	35	A	V
	*	5610	104.47	-	-	91.31	35.16	12.04	34.04	396	35	P	V
	*	5610	95.07	-	-	81.91	35.16	12.04	34.04	396	35	A	V
		5742.52	61.5	-12.5	74	48.1	35.24	12.33	34.17	396	35	P	V
		5725.48	48.67	-5.33	54	35.33	35.23	12.26	34.15	396	35	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 5470~5725MHz

WIFI 802.11ac VHT80 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11060	43.74	-30.26	74	47.76	37.94	16.97	58.93	100	0	P	H
		16590	48.23	-25.77	74	42.43	41.57	20.96	56.73	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	43.45	-30.55	74	47.47	37.94	16.97	58.93	100	0	P	V
5530MHz		16590	48.14	-25.86	74	42.34	41.57	20.96	56.73	100	0	P	V
													V
													V
		11220	45.68	-28.32	74	49.07	38.03	17.12	58.54	100	0	P	H
		16830	49.05	-24.95	74	42.41	42.06	21.12	56.54	100	0	P	H
802.11ac													H
VHT80													H
CH 122		11220	44.49	-29.51	74	47.88	38.03	17.12	58.54	100	0	P	V
5610MHz		16830	49.12	-24.88	74	42.48	42.06	21.12	56.54	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E Band 3 - Straddle Channel

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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5399.92	58.14	-15.86	74	44.83	34.96	11.74	33.39	100	191	P	H
		5391.92	44.22	-9.78	54	30.82	34.94	11.74	33.28	100	191	A	H
	*	5720	118.3	-	-	104.96	35.23	12.26	34.15	100	191	P	H
	*	5720	108.76	-	-	95.42	35.23	12.26	34.15	100	191	A	H
		5861.12	58.68	-15.32	74	45.22	35.32	12.49	34.35	100	191	P	H
		5860	45.3	-8.7	54	31.88	35.32	12.45	34.35	100	191	A	H
		5388.88	58.1	-15.9	74	44.7	34.94	11.74	33.28	391	329	P	V
		5386.32	44.18	-9.82	54	30.78	34.94	11.74	33.28	391	329	A	V
	*	5720	112.24	-	-	98.9	35.23	12.26	34.15	391	329	P	V
	*	5720	102.92	-	-	89.58	35.23	12.26	34.15	391	329	A	V
		5873.36	57.52	-16.48	74	44.05	35.33	12.49	34.35	391	329	P	V
		5853.44	44.32	-9.68	54	30.87	35.31	12.45	34.31	391	329	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E 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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		11440	46.08	-27.92	74	48.54	38.16	17.35	57.97	100	0	P	H
		17160	60.09	-13.91	74	53	42.27	21.32	56.5	101	217	P	H
		17160	46.34	-7.66	54	39.25	42.27	21.32	56.5	101	217	A	H
													H
		11440	46.33	-27.67	74	48.79	38.16	17.35	57.97	100	0	P	V
		17160	59.9	-14.1	74	52.81	42.27	21.32	56.5	101	267	P	V
		17160	46	-8	54	38.91	42.27	21.32	56.5	101	267	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11n HT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 144 5720MHz		5451.6	57.43	-16.57	74	44.17	35.03	11.8	33.57	100	190	P	H
		5390.96	44.18	-9.82	54	30.78	34.94	11.74	33.28	100	190	A	H
	*	5720	116.57	-	-	103.23	35.23	12.26	34.15	100	190	P	H
	*	5720	106.59	-	-	93.25	35.23	12.26	34.15	100	190	A	H
		5869.2	57.83	-16.17	74	44.37	35.32	12.49	34.35	100	190	P	H
		5856.16	45.02	-8.98	54	31.56	35.32	12.45	34.31	100	190	A	H
		5399.12	57.09	-16.91	74	43.78	34.96	11.74	33.39	324	30	P	V
		5391.44	44.19	-9.81	54	30.79	34.94	11.74	33.28	324	30	A	V
	*	5719	111.99	-	-	98.65	35.23	12.26	34.15	324	30	P	V
	*	5719	102.21	-	-	88.87	35.23	12.26	34.15	324	30	A	V
		5875.04	57.9	-16.1	74	44.43	35.33	12.49	34.35	324	30	P	V
		5886	44.55	-9.45	54	31.12	35.33	12.49	34.39	324	30	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11n HT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11440	45.19	-28.81	74	47.65	38.16	17.35	57.97	100	0	P	H
		17160	55.54	-18.46	74	48.45	42.27	21.32	56.5	100	215	P	H
802.11n		17160	43.58	-10.42	54	36.49	42.27	21.32	56.5	100	215	A	H
HT20													H
CH 144		11440	44.71	-29.29	74	47.17	38.16	17.35	57.97	100	0	P	V
5720MHz		17160	59.51	-14.49	74	52.42	42.27	21.32	56.5	100	258	P	V
		17160	46.94	-7.06	54	39.85	42.27	21.32	56.5	100	258	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5406.64	58.06	-15.94	74	44.75	34.96	11.74	33.39	111	190	P	H
		5394.48	44.8	-9.2	54	31.4	34.94	11.74	33.28	111	190	A	H
	*	5709	114.44	-	-	101.11	35.22	12.26	34.15	111	190	P	H
	*	5709	104.31	-	-	90.98	35.22	12.26	34.15	111	190	A	H
802.11n		5853.36	59.4	-14.6	74	45.95	35.31	12.45	34.31	111	190	P	H
HT40		5851.68	46.14	-7.86	54	32.69	35.31	12.45	34.31	111	190	A	H
CH 142		5360.72	57.82	-16.18	74	44.38	34.91	11.71	33.18	397	20	P	V
5710MHz		5410.96	44.93	-9.07	54	31.62	34.96	11.74	33.39	397	20	A	V
	*	5709	107.69	-	-	94.36	35.22	12.26	34.15	397	20	P	V
	*	5709	98.05	-	-	84.72	35.22	12.26	34.15	397	20	A	V
		5889.84	57.43	-16.57	74	43.99	35.34	12.49	34.39	397	20	P	V
		5850.08	44.95	-9.05	54	31.5	35.31	12.45	34.31	397	20	A	V

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

15E band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 142 5710MHz		11420	44.4	-29.6	74	46.96	38.15	17.31	58.02	100	0	P	H
		17130	52.5	-21.5	74	45.39	42.29	21.3	56.48	104	218	P	H
		17130	42.03	-11.97	54	34.92	42.29	21.3	56.48	104	218	A	H
													H
		11420	47.05	-26.95	74	49.61	38.15	17.31	58.02	100	0	P	V
		17130	52.82	-21.18	74	45.71	42.29	21.3	56.48	298	31	P	V
		17130	42.77	-11.23	54	35.66	42.29	21.3	56.48	298	31	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11ac VHT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5441.52	58.36	-15.64	74	45.03	35.01	11.8	33.48	100	190	P	H
		5389.36	44.23	-9.77	54	30.83	34.94	11.74	33.28	100	190	A	H
	*	5722	116.27	-	-	102.93	35.23	12.26	34.15	100	190	P	H
	*	5722	106.58	-	-	93.24	35.23	12.26	34.15	100	190	A	H
802.11ac		5850.8	57.93	-16.07	74	44.48	35.31	12.45	34.31	100	190	P	H
VHT20		5855.36	44.91	-9.09	54	31.45	35.32	12.45	34.31	100	190	A	H
CH 144		5442.32	57.11	-16.89	74	43.78	35.01	11.8	33.48	324	30	P	V
5720MHz		5391.12	44.21	-9.79	54	30.81	34.94	11.74	33.28	324	30	A	V
	*	5720	111.65	-	-	98.31	35.23	12.26	34.15	324	30	P	V
	*	5720	102.2	-	-	88.86	35.23	12.26	34.15	324	30	A	V
		5856.4	57.39	-16.61	74	43.93	35.32	12.45	34.31	324	30	P	V
		5872.4	44.23	-9.77	54	30.76	35.33	12.49	34.35	324	30	A	V

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

15E band 3 - Straddle Channel

WIFI 802.11ac VHT20 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11440	46.08	-27.92	74	48.54	38.16	17.35	57.97	100	0	P	H
		17160	55.14	-18.86	74	48.05	42.27	21.32	56.5	100	236	P	H
802.11ac		17160	44.11	-9.89	54	37.02	42.27	21.32	56.5	100	236	A	H
VHT20													H
CH 144		11440	44.25	-29.75	74	46.71	38.16	17.35	57.97	100	0	P	V
5720MHz		17160	56.29	-17.71	74	49.2	42.27	21.32	56.5	100	251	P	V
		17160	45.69	-8.31	54	38.6	42.27	21.32	56.5	100	251	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11ac VHT40 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5400.4	57.42	-16.58	74	44.11	34.96	11.74	33.39	100	212	P	H
		5388.4	44.74	-9.26	54	31.34	34.94	11.74	33.28	100	212	A	H
	*	5709	113.54	-	-	100.21	35.22	12.26	34.15	100	212	P	H
	*	5709	103.5	-	-	90.17	35.22	12.26	34.15	100	212	A	H
802.11ac		5860.48	58.04	-15.96	74	44.58	35.32	12.49	34.35	100	212	P	H
VHT40		5852	45.72	-8.28	54	32.27	35.31	12.45	34.31	100	212	A	H
CH 142		5420.72	57.54	-16.46	74	44.15	34.98	11.8	33.39	322	36	P	V
5710MHz		5380.24	44.69	-9.31	54	31.29	34.94	11.74	33.28	322	36	A	V
	*	5709	108.92	-	-	95.59	35.22	12.26	34.15	322	36	P	V
	*	5709	98.87	-	-	85.54	35.22	12.26	34.15	322	36	A	V
		5876.16	58.03	-15.97	74	44.56	35.33	12.49	34.35	322	36	P	V
		5866.64	44.77	-9.23	54	31.31	35.32	12.49	34.35	322	36	A	V

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

15E band 3 - Straddle Channel

WIFI 802.11ac VHT40 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT40 CH 142 5710MHz		11420	44.51	-29.49	74	47.07	38.15	17.31	58.02	100	0	P	H
		17130	51.09	-22.91	74	43.98	42.29	21.3	56.48	108	223	P	H
		17130	40.99	-13.01	54	33.88	42.29	21.3	56.48	108	223	A	H
													H
		11420	43.94	-30.06	74	46.5	38.15	17.31	58.02	100	0	P	V
		17130	52.29	-21.71	74	45.18	42.29	21.3	56.48	299	51	P	V
		17130	42.03	-11.97	54	34.92	42.29	21.3	56.48	299	51	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11ac VHT80 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5399.92	57.89	-16.11	74	44.58	34.96	11.74	33.39	100	213	P	H
		5463.28	45.33	-8.67	54	31.99	35.05	11.86	33.57	100	213	A	H
	*	5690	110.38	-	-	97.11	35.21	12.18	34.12	100	213	P	H
	*	5690	100.8	-	-	87.53	35.21	12.18	34.12	100	213	A	H
802.11ac		5874.32	65.66	-8.34	74	52.19	35.33	12.49	34.35	100	213	P	H
VHT80		5855.36	49.26	-4.74	54	35.8	35.32	12.45	34.31	100	213	A	H
CH 138		5424.88	57.26	-16.74	74	43.96	34.98	11.8	33.48	385	38	P	V
5690MHz		5446.32	45.05	-8.95	54	31.7	35.03	11.8	33.48	385	38	A	V
	*	5690	105.73	-	-	92.46	35.21	12.18	34.12	385	38	P	V
	*	5690	96.03	-	-	82.76	35.21	12.18	34.12	385	38	A	V
		5854.32	58.23	-15.77	74	44.77	35.32	12.45	34.31	385	38	P	V
		5850.48	46.12	-7.88	54	32.67	35.31	12.45	34.31	385	38	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11ac VHT80 (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		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11380	45.35	-28.65	74	48.05	38.13	17.27	58.1	100	0	P	H
		17070	53.2	-20.8	74	46.02	42.35	21.27	56.44	101	215	P	H
802.11ac		17070	41.36	-12.64	54	34.18	42.35	21.27	56.44	101	215	A	H
VHT80													H
CH 138		11380	44.46	-29.54	74	47.16	38.13	17.27	58.1	100	0	P	V
5690MHz		17070	51.41	-22.59	74	44.23	42.35	21.27	56.44	100	256	P	V
		17070	41.59	-12.41	54	34.41	42.35	21.27	56.44	100	256	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E Emission below 1GHz

WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 LF		99.66	28.12	-15.38	43.5	46.76	10.4	2.06	31.1			P	H
		206.85	26.71	-16.79	43.5	45.96	9.16	2.69	31.1			P	H
		277.32	30.33	-15.67	46	45.27	12.83	3.16	30.93			P	H
		373.5	31.1	-14.9	46	43.78	14.96	3.39	31.03			P	H
		432.3	33.43	-12.57	46	43.61	16.93	3.63	30.74	100	0	P	H
		696.9	32.88	-13.12	46	38.37	20.57	4.35	30.41			P	H
		99.66	28.12	-15.38	43.5	46.76	10.4	2.06	31.1			P	H
													H
													H
													H
													H
													H
		92.37	28.28	-15.22	43.5	48.42	8.9	2.06	31.1	100	0	P	V
		166.08	28.04	-15.46	43.5	46.79	9.78	2.61	31.14			P	V
		259.77	26.52	-19.48	46	40.56	14	2.96	31			P	V
		431.6	30.6	-15.4	46	40.79	16.92	3.63	30.74			P	V
		698.3	28.02	-17.98	46	33.49	20.58	4.35	30.4			P	V
		942.6	29.15	-16.85	46	30.26	24.33	4.94	30.38			P	V
												P	V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

15E band 1 5150~5250MHz

WIFI 802.11n HT20 (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)
		5148.8	68.96	-5.04	74	55.29	34.61	11.55	32.49	100	244	P	H
		5150	52.68	-1.32	54	39.01	34.61	11.55	32.49	100	244	A	H
	*	5180	119.64	-	-	105.95	34.66	11.55	32.52	100	244	P	H
	*	5180	110.38	-	-	96.69	34.66	11.55	32.52	100	244	A	H
802.11n													H
HT20													H
CH 36		5149.1	63.11	-10.89	74	49.44	34.61	11.55	32.49	400	38	P	V
5180MHz		5150	47.58	-6.42	54	33.91	34.61	11.55	32.49	400	38	A	V
	*	5180	115.05	-	-	101.36	34.66	11.55	32.52	400	38	P	V
	*	5180	105.48	-	-	91.79	34.66	11.55	32.52	400	38	A	V
													V
													V
		5145.5	62.15	-11.85	74	48.48	34.61	11.55	32.49	100	244	P	H
		5146.55	49.27	-4.73	54	35.6	34.61	11.55	32.49	100	244	A	H
	*	5220	122.38	-	-	108.64	34.7	11.59	32.55	100	244	P	H
	*	5220	112.71	-	-	98.97	34.7	11.59	32.55	100	244	A	H
802.11n		5355.61	59.33	-14.67	74	45.91	34.89	11.71	33.18	100	244	P	H
HT20		5350.22	46.12	-7.88	54	32.7	34.89	11.71	33.18	100	244	A	H
CH 44		5071.85	58.24	-15.76	74	44.65	34.52	11.46	32.39	353	38	P	V
5220MHz		5147.3	45.57	-8.43	54	31.9	34.61	11.55	32.49	353	38	A	V
	*	5220	117.02	-	-	103.28	34.7	11.59	32.55	353	38	P	V
	*	5220	107.89	-	-	94.15	34.7	11.59	32.55	353	38	A	V
		5397.96	58.67	-15.33	74	45.25	34.96	11.74	33.28	353	38	P	V
		5350.33	44.76	-9.24	54	31.34	34.89	11.71	33.18	353	38	A	V

	*	5240	122.56	-	-	108.86	34.73	11.62	32.65	103	245	P	H
	*	5240	113.2	-	-	99.5	34.73	11.62	32.65	103	245	A	H
		5358.25	60	-14	74	46.58	34.89	11.71	33.18	103	245	P	H
		5351.87	46.96	-7.04	54	33.54	34.89	11.71	33.18	103	245	A	H
802.11n													H
HT20													H
CH 48	*	5240	117.7	-	-	104	34.73	11.62	32.65	370	35	P	V
5240MHz	*	5240	108.29	-	-	94.59	34.73	11.62	32.65	370	35	A	V
		5371.34	57.98	-16.02	74	44.54	34.91	11.71	33.18	370	35	P	V
		5350.55	45.17	-8.83	54	31.75	34.89	11.71	33.18	370	35	A	V
													V
													V

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

15E band 1 5150~5250MHz

WIFI 802.11n HT20 (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)
		10360	42.74	-31.26	74	49.09	37.22	16.34	59.91	100	0	P	H
		15540	54.94	-19.06	74	52.12	40.34	20.36	57.88	100	236	P	H
802.11n		15540	43.76	-10.24	54	40.94	40.34	20.36	57.88	100	236	A	H
HT20													H
CH 36		10360	42	-32	74	48.35	37.22	16.34	59.91	100	0	P	V
5180MHz		15540	49.96	-24.04	74	47.14	40.34	20.36	57.88	100	0	P	V
													V
													V
		10440	45.07	-28.93	74	51.25	37.26	16.41	59.85	100	0	P	H
		15660	62.63	-11.37	74	59.54	40.49	20.41	57.81	101	211	P	H
802.11n		15660	47.2	-6.8	54	44.11	40.49	20.41	57.81	101	211	A	H
HT20													H
CH 44		10440	44.39	-29.61	74	50.57	37.26	16.41	59.85	100	0	P	V
5220MHz		15660	58.51	-15.49	74	55.42	40.49	20.41	57.81	110	212	P	V
		15660	44.6	-9.4	54	41.51	40.49	20.41	57.81	110	212	A	V
													V
		10480	44.09	-29.91	74	50.16	37.29	16.45	59.81	100	0	P	H
		15720	59.09	-14.91	74	55.84	40.57	20.45	57.77	100	216	P	H
802.11n		15720	46.44	-7.56	54	43.19	40.57	20.45	57.77	100	216	A	H
HT20													H
CH 48		10480	42.9	-31.1	74	48.97	37.29	16.45	59.81	100	0	P	V
5240MHz		15720	56.95	-17.05	74	53.7	40.57	20.45	57.77	105	262	P	V
		15720	45.21	-8.79	54	41.96	40.57	20.45	57.77	105	262	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5150	72.56	-1.44	74	58.89	34.61	11.55	32.49	100	208	P	H
		5149.85	53.5	-0.5	54	39.83	34.61	11.55	32.49	100	208	A	H
	*	5192	111.11	-	-	97.36	34.68	11.59	32.52	100	208	P	H
	*	5192	102.27	-	-	88.52	34.68	11.59	32.52	100	208	A	H
802.11n		5377.61	58.4	-15.6	74	45.03	34.94	11.71	33.28	100	208	P	H
HT40		5380.69	45.19	-8.81	54	31.79	34.94	11.74	33.28	100	208	A	H
CH 38		5149.7	63.34	-10.66	74	49.67	34.61	11.55	32.49	359	80	P	V
5190MHz		5149.7	48.17	-5.83	54	34.5	34.61	11.55	32.49	359	80	A	V
	*	5192	105.52	-	-	91.77	34.68	11.59	32.52	359	80	P	V
	*	5192	96.31	-	-	82.56	34.68	11.59	32.52	359	80	A	V
		5378.71	57.47	-16.53	74	44.1	34.94	11.71	33.28	359	80	P	V
		5411.27	44.64	-9.36	54	31.33	34.96	11.74	33.39	359	80	A	V
		5143.4	64	-10	74	50.29	34.61	11.55	32.45	100	203	P	H
		5150	49.75	-4.25	54	36.08	34.61	11.55	32.49	100	203	A	H
	*	5229	117	-	-	103.3	34.73	11.62	32.65	100	203	P	H
	*	5229	107.84	-	-	94.14	34.73	11.62	32.65	100	203	A	H
802.11n		5352.86	58.84	-15.16	74	45.42	34.89	11.71	33.18	100	203	P	H
HT40		5350	46.46	-7.54	54	33.04	34.89	11.71	33.18	100	203	A	H
CH 46		5148.2	60.88	-13.12	74	47.21	34.61	11.55	32.49	359	80	P	V
5230MHz		5148.2	46.28	-7.72	54	32.61	34.61	11.55	32.49	359	80	A	V
	*	5230	110.98	-	-	97.28	34.73	11.62	32.65	359	80	P	V
	*	5230	101.74	-	-	88.04	34.73	11.62	32.65	359	80	A	V
		5380.03	57.81	-16.19	74	44.41	34.94	11.74	33.28	359	80	P	V
		5350.88	44.82	-9.18	54	31.4	34.89	11.71	33.18	359	80	A	V

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

15E band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		10380	43	-31	74	49.32	37.23	16.34	59.89	100	0	P	H
		15570	47.53	-26.47	74	44.63	40.38	20.38	57.86	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	42.67	-31.33	74	48.99	37.23	16.34	59.89	100	0	P	V
5190MHz		15570	48.59	-25.41	74	45.69	40.38	20.38	57.86	100	0	P	V
													V
													V
		5692	62.74	-5.56	68.3	49.47	35.21	12.18	34.12	100	208	P	H
		10460	43.83	-30.17	74	49.99	37.27	16.41	59.84	100	0	P	H
802.11n		15690	57.24	-16.76	74	54.07	40.53	20.43	57.79	100	210	P	H
HT40		15690	48.41	-5.59	54	45.24	40.53	20.43	57.79	100	210	A	H
CH 46		10460	43.77	-30.23	74	49.93	37.27	16.41	59.84	100	0	P	V
5230MHz		15690	52.74	-21.26	74	49.57	40.53	20.43	57.79	100	243	P	V
		15690	43.46	-10.54	54	40.29	40.53	20.43	57.79	100	243	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11ac VHT20 (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)
		5148.8	71.07	-2.93	74	57.4	34.61	11.55	32.49	105	247	P	H
		5150	53.06	-0.94	54	39.39	34.61	11.55	32.49	105	247	A	H
	*	5180	120.56	-	-	106.87	34.66	11.55	32.52	105	247	P	H
	*	5180	110.71	-	-	97.02	34.66	11.55	32.52	105	247	A	H
802.11ac													H
VHT20													H
CH 36		5148.95	62.91	-11.09	74	49.24	34.61	11.55	32.49	400	38	P	V
5180MHz		5149.85	47.83	-6.17	54	34.16	34.61	11.55	32.49	400	38	A	V
	*	5180	115.41	-	-	101.72	34.66	11.55	32.52	400	38	P	V
	*	5180	105.84	-	-	92.15	34.66	11.55	32.52	400	38	A	V
													V
													V
		5130.95	62.05	-11.95	74	48.41	34.59	11.5	32.45	107	243	P	H
		5149.1	49.43	-4.57	54	35.76	34.61	11.55	32.49	107	243	A	H
	*	5220	122.75	-	-	109.01	34.7	11.59	32.55	107	243	P	H
	*	5220	113.17	-	-	99.43	34.7	11.59	32.55	107	243	A	H
802.11ac		5370.35	58.98	-15.02	74	45.54	34.91	11.71	33.18	107	243	P	H
VHT20		5352.53	46.18	-7.82	54	32.76	34.89	11.71	33.18	107	243	A	H
CH 44		5122.1	58.88	-15.12	74	45.27	34.56	11.5	32.45	334	47	P	V
5220MHz		5149.55	45.62	-8.38	54	31.95	34.61	11.55	32.49	334	47	A	V
	*	5220	116.99	-	-	103.25	34.7	11.59	32.55	334	47	P	V
	*	5220	107.91	-	-	94.17	34.7	11.59	32.55	334	47	A	V
		5356.49	58.18	-15.82	74	44.76	34.89	11.71	33.18	334	47	P	V
		5359	44.72	-9.28	54	31.3	34.89	11.71	33.18	334	47	A	V

	*	5240	122.77	-	-	109.07	34.73	11.62	32.65	109	245	P	H
	*	5240	113.41	-	-	99.71	34.73	11.62	32.65	109	245	A	H
		5351.1	60.43	-13.57	74	47.01	34.89	11.71	33.18	109	245	P	H
		5350.77	47.19	-6.81	54	33.77	34.89	11.71	33.18	109	245	A	H
802.11ac													H
VHT20													H
CH 48	*	5240	117.57	-	-	103.87	34.73	11.62	32.65	391	38	P	V
5240MHz	*	5240	108.28	-	-	94.58	34.73	11.62	32.65	391	38	A	V
		5350.44	57.86	-16.14	74	44.44	34.89	11.71	33.18	391	38	P	V
		5371	45.1	-8.9	54	31.66	34.91	11.71	33.18	391	38	A	V
													V
													V

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

15E band 1 5150~5250MHz

WIFI 802.11ac VHT20 (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)
		10360	43.15	-30.85	74	49.5	37.22	16.34	59.91	100	0	P	H
		15540	51.36	-22.64	74	48.54	40.34	20.36	57.88	123	241	P	H
802.11ac		15540	41.18	-12.82	54	38.36	40.34	20.36	57.88	123	241	A	H
VHT20													H
CH 36		10360	42.45	-31.55	74	48.8	37.22	16.34	59.91	100	0	P	V
5180MHz		15540	50.79	-23.21	74	47.97	40.34	20.36	57.88	254	68	P	V
		15540	40.61	-13.39	54	37.79	40.34	20.36	57.88	254	68	A	V
													V
		10440	45.16	-28.84	74	51.34	37.26	16.41	59.85	100	0	P	H
		15660	60.01	-13.99	74	56.92	40.49	20.41	57.81	100	222	P	H
802.11ac		15660	47.32	-6.68	54	44.23	40.49	20.41	57.81	100	222	A	H
VHT20													H
CH 44		10440	43.2	-30.8	74	49.38	37.26	16.41	59.85	100	0	P	V
5220MHz		15660	56.14	-17.86	74	53.05	40.49	20.41	57.81	100	252	P	V
		15660	44.2	-9.8	54	41.11	40.49	20.41	57.81	100	252	A	V
													V
		10480	44.16	-29.84	74	50.23	37.29	16.45	59.81	100	0	P	H
		15720	60.8	-13.2	74	57.55	40.57	20.45	57.77	100	222	P	H
802.11ac		15720	46.5	-7.5	54	43.25	40.57	20.45	57.77	100	222	A	H
VHT20													H
CH 48		10480	43.34	-30.66	74	49.41	37.29	16.45	59.81	100	0	P	V
5240MHz		15720	55.79	-18.21	74	52.54	40.57	20.45	57.77	100	255	P	V
		15720	43.83	-10.17	54	40.58	40.57	20.45	57.77	100	255	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11ac VHT40 (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)
		5149.7	70.17	-3.83	74	56.5	34.61	11.55	32.49	111	245	P	H
		5150	53.24	-0.76	54	39.57	34.61	11.55	32.49	111	245	A	H
	*	5192	111.79	-	-	98.04	34.68	11.59	32.52	111	245	P	H
	*	5192	102.68	-	-	88.93	34.68	11.59	32.52	111	245	A	H
802.11ac		5404.34	57.63	-16.37	74	44.32	34.96	11.74	33.39	111	245	P	H
VHT40		5366.72	45.14	-8.86	54	31.7	34.91	11.71	33.18	111	245	A	H
CH 38		5149.85	60.08	-13.92	74	46.41	34.61	11.55	32.49	316	48	P	V
5190MHz		5149.4	47.71	-6.29	54	34.04	34.61	11.55	32.49	316	48	A	V
	*	5192	106.29	-	-	92.54	34.68	11.59	32.52	316	48	P	V
	*	5192	97.2	-	-	83.45	34.68	11.59	32.52	316	48	A	V
		5406.43	57.55	-16.45	74	44.24	34.96	11.74	33.39	316	48	P	V
		5403.57	44.63	-9.37	54	31.32	34.96	11.74	33.39	316	48	A	V
		5150	64.9	-9.1	74	51.23	34.61	11.55	32.49	101	206	P	H
		5149.1	50.64	-3.36	54	36.97	34.61	11.55	32.49	101	206	A	H
	*	5229	117.73	-	-	104.03	34.73	11.62	32.65	101	206	P	H
	*	5229	108.26	-	-	94.56	34.73	11.62	32.65	101	206	A	H
802.11ac		5354.84	60.04	-13.96	74	46.62	34.89	11.71	33.18	101	206	P	H
VHT40		5350	46.57	-7.43	54	33.15	34.89	11.71	33.18	101	206	A	H
CH 46		5129.15	58.66	-15.34	74	45.02	34.59	11.5	32.45	400	81	P	V
5230MHz		5148.5	45.18	-8.82	54	31.51	34.61	11.55	32.49	400	81	A	V
	*	5229	110.81	-	-	97.11	34.73	11.62	32.65	400	81	P	V
	*	5229	101.17	-	-	87.47	34.73	11.62	32.65	400	81	A	V
		5397.74	57.91	-16.09	74	44.49	34.96	11.74	33.28	400	81	P	V
		5359.68	45.03	-8.97	54	31.61	34.89	11.71	33.18	400	81	A	V

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

15E band 1 5150~5250MHz

WIFI 802.11ac VHT40 (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)
		10380	42.37	-31.63	74	48.69	37.23	16.34	59.89	100	0	P	H
		15570	47.1	-26.9	74	44.2	40.38	20.38	57.86	100	0	P	H
802.11ac													H
VHT40													H
CH 38		10380	42.11	-31.89	74	48.43	37.23	16.34	59.89	100	0	P	V
5190MHz		15570	47.8	-26.2	74	44.9	40.38	20.38	57.86	100	0	P	V
													V
													V
		4768	60.45	-13.55	74	49.02	34.22	11.07	33.86	101	206	P	H
		4768	50.26	-3.74	54	38.83	34.22	11.07	33.86	101	206	A	H
		5692	62.86	-5.44	68.3	49.59	35.21	12.18	34.12	101	206	P	H
802.11ac		10460	42.98	-31.02	74	49.14	37.27	16.41	59.84	100	0	P	H
VHT40		15690	53.39	-20.61	74	50.22	40.53	20.43	57.79	101	206	P	H
CH 46		15690	43.25	-10.75	54	40.08	40.53	20.43	57.79	101	206	A	H
5230MHz		10460	43.25	-30.75	74	49.41	37.27	16.41	59.84	100	0	P	V
		15684	52.03	-21.97	74	48.86	40.53	20.43	57.79	299	33	P	V
		15684	40.73	-13.27	54	37.56	40.53	20.43	57.79	299	33	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11ac VHT80 (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)
		5147.75	65.42	-8.58	74	51.75	34.61	11.55	32.49	103	206	P	H
		5141.45	53.49	-0.51	54	39.78	34.61	11.55	32.45	103	206	A	H
	*	5210	105.26	-	-	91.52	34.7	11.59	32.55	103	206	P	H
	*	5210	95.55	-	-	81.81	34.7	11.59	32.55	103	206	A	H
802.11ac		5376.4	57.34	-16.66	74	44	34.91	11.71	33.28	103	206	P	H
VHT80		5358.69	45.08	-8.92	54	31.66	34.89	11.71	33.18	103	206	A	H
CH 42		5145.2	58.14	-15.86	74	44.47	34.61	11.55	32.49	353	71	P	V
5210MHz		5101.4	46.62	-7.38	54	33	34.54	11.5	32.42	353	71	A	V
	*	5210	97.45	-	-	83.71	34.7	11.59	32.55	353	71	P	V
	*	5210	88.33	-	-	74.59	34.7	11.59	32.55	353	71	A	V
		5405.11	57.34	-16.66	74	44.03	34.96	11.74	33.39	353	71	P	V
		5371.23	44.93	-9.07	54	31.49	34.91	11.71	33.18	353	71	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 1 5150~5250MHz

WIFI 802.11ac VHT80 (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)
		10420	42.73	-31.27	74	48.98	37.25	16.37	59.87	100	0	P	H
		15630	46.51	-27.49	74	43.45	40.47	20.41	57.82	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	42.86	-31.14	74	49.11	37.25	16.37	59.87	100	0	P	V
5210MHz		15630	46.84	-27.16	74	43.78	40.47	20.41	57.82	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 2 5250~5350MHz

WIFI 802.11n HT20 (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)
		5149.4	61.31	-12.69	74	47.64	34.61	11.55	32.49	100	249	P	H
		5149.7	47.93	-6.07	54	34.26	34.61	11.55	32.49	100	249	A	H
	*	5260	122.53	-	-	108.9	34.77	11.62	32.76	100	249	P	H
	*	5260	112.66	-	-	99.03	34.77	11.62	32.76	100	249	A	H
802.11n													H
HT20													H
CH 52		5094.05	58.07	-15.93	74	44.49	34.54	11.46	32.42	344	32	P	V
5260MHz		5141.15	45.33	-8.67	54	31.62	34.61	11.55	32.45	344	32	A	V
	*	5260	117.8	-	-	104.17	34.77	11.62	32.76	344	32	P	V
	*	5260	108.31	-	-	94.68	34.77	11.62	32.76	344	32	A	V
													V
													V
		5147.15	58.75	-15.25	74	45.08	34.61	11.55	32.49	100	204	P	H
		5147.9	45.39	-8.61	54	31.72	34.61	11.55	32.49	100	204	A	H
	*	5300	119.89	-	-	106.39	34.82	11.65	32.97	100	204	P	H
	*	5300	110.42	-	-	96.92	34.82	11.65	32.97	100	204	A	H
802.11n		5352.97	66.86	-7.14	74	53.44	34.89	11.71	33.18	100	204	P	H
HT20		5350.66	49.14	-4.86	54	35.72	34.89	11.71	33.18	100	204	A	H
CH 60		5146.4	58.11	-15.89	74	44.44	34.61	11.55	32.49	100	6	P	V
5300MHz		5142.8	44.35	-9.65	54	30.64	34.61	11.55	32.45	100	6	A	V
	*	5300	114.66	-	-	101.16	34.82	11.65	32.97	100	6	P	V
	*	5300	104.98	-	-	91.48	34.82	11.65	32.97	100	6	A	V
		5350.44	60.44	-13.56	74	47.02	34.89	11.71	33.18	100	6	P	V
		5350	45.63	-8.37	54	32.21	34.89	11.71	33.18	100	6	A	V

	*	5320	119.96	-	-	106.41	34.84	11.68	32.97	112	246	P	H
	*	5320	110.58	-	-	97.03	34.84	11.68	32.97	112	246	A	H
		5352.31	70.62	-3.38	74	57.2	34.89	11.71	33.18	112	246	P	H
		5350.22	53.39	-0.61	54	39.97	34.89	11.71	33.18	112	246	A	H
802.11n													H
HT20													H
CH 64	*	5320	115.01	-	-	101.46	34.84	11.68	32.97	358	45	P	V
5320MHz	*	5320	105.5	-	-	91.95	34.84	11.68	32.97	358	45	A	V
		5351.1	64.3	-9.7	74	50.88	34.89	11.71	33.18	358	45	P	V
		5350	48.73	-5.27	54	35.31	34.89	11.71	33.18	358	45	A	V
													V
													V

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

15E band 2 5250~5350MHz

WIFI 802.11n HT20 (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)
		10520	44.08	-29.92	74	50.05	37.32	16.49	59.78	100	0	P	H
		15780	63.83	-10.17	74	60.47	40.63	20.46	57.73	100	214	P	H
802.11n		15780	48.47	-5.53	54	45.11	40.63	20.46	57.73	100	214	A	H
HT20													H
CH 52		10520	43.03	-30.97	74	49	37.32	16.49	59.78	100	0	P	V
5260MHz		15780	61.51	-12.49	74	58.15	40.63	20.46	57.73	102	244	P	V
		15780	46.14	-7.86	54	42.78	40.63	20.46	57.73	102	244	A	V
													V
		10600	45.47	-28.53	74	51.15	37.42	16.56	59.66	100	0	P	H
		15900	60.11	-13.89	74	56.47	40.78	20.52	57.66	101	214	P	H
802.11n		15900	47.85	-6.15	54	44.21	40.78	20.52	57.66	101	214	A	H
HT20													H
CH 60		10600	42.97	-31.03	74	48.65	37.42	16.56	59.66	100	0	P	V
5300MHz		15900	57.21	-16.79	74	53.57	40.78	20.52	57.66	109	189	P	V
		15900	45.38	-8.62	54	41.74	40.78	20.52	57.66	109	189	A	V
													V
		10640	44.36	-29.64	74	49.9	37.47	16.6	59.61	100	0	P	H
		15960	55.13	-18.87	74	51.34	40.86	20.55	57.62	105	210	P	H
802.11n		15960	42.3	-11.7	54	38.51	40.86	20.55	57.62	105	210	A	H
HT20													H
CH 64		10640	42.27	-31.73	74	47.81	37.47	16.6	59.61	100	0	P	V
5320MHz		15960	52.45	-21.55	74	48.66	40.86	20.55	57.62	121	156	P	V
		15960	40.3	-13.7	54	36.51	40.86	20.55	57.62	121	156	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5144.75	60.97	-13.03	74	47.3	34.61	11.55	32.49	100	242	P	H
		5147	48.97	-5.03	54	35.3	34.61	11.55	32.49	100	242	A	H
	*	5272	119.8	-	-	106.24	34.77	11.65	32.86	100	242	P	H
	*	5272	110.4	-	-	96.84	34.77	11.65	32.86	100	242	A	H
802.11n		5351.32	67.53	-6.47	74	54.11	34.89	11.71	33.18	100	242	P	H
HT40		5350	51.99	-2.01	54	38.57	34.89	11.71	33.18	100	242	A	H
CH 54		5142.95	58.07	-15.93	74	44.36	34.61	11.55	32.45	314	64	P	V
5270MHz		5145.65	45.72	-8.28	54	32.05	34.61	11.55	32.49	314	64	A	V
	*	5269	113.7	-	-	100.04	34.77	11.65	32.76	314	64	P	V
	*	5269	103.87	-	-	90.21	34.77	11.65	32.76	314	64	A	V
		5351.43	62.7	-11.3	74	49.28	34.89	11.71	33.18	314	64	P	V
		5350.88	47.63	-6.37	54	34.21	34.89	11.71	33.18	314	64	A	V
		5094.35	58.01	-15.99	74	44.43	34.54	11.46	32.42	100	246	P	H
		5147.9	45.47	-8.53	54	31.8	34.61	11.55	32.49	100	246	A	H
	*	5309	112.31	-	-	98.78	34.82	11.68	32.97	100	246	P	H
	*	5309	102.68	-	-	89.15	34.82	11.68	32.97	100	246	A	H
802.11n		5350.11	68.01	-5.99	74	54.59	34.89	11.71	33.18	100	246	P	H
HT40		5350.11	53.49	-0.51	54	40.07	34.89	11.71	33.18	100	246	A	H
CH 62		5109.2	57.38	-16.62	74	43.74	34.56	11.5	32.42	400	38	P	V
5310MHz		5146.85	44.56	-9.44	54	30.89	34.61	11.55	32.49	400	38	A	V
	*	5308	106.78	-	-	93.25	34.82	11.68	32.97	400	38	P	V
	*	5308	97.78	-	-	84.25	34.82	11.68	32.97	400	38	A	V
		5350.55	59.37	-14.63	74	45.95	34.89	11.71	33.18	400	38	P	V
		5350.44	47.48	-6.52	54	34.06	34.89	11.71	33.18	400	38	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		4804	59.48	-14.52	74	47.94	34.25	11.11	33.82	100	242	P	H
		4804	51.87	-2.13	54	40.33	34.25	11.11	33.82	100	242	A	H
		5734	62.38	-5.92	68.3	49.06	35.23	12.26	34.17	100	242	P	H
802.11n		10540	43.82	-30.18	74	49.74	37.34	16.49	59.75	100	0	P	H
HT40		15810	56.33	-17.67	74	52.89	40.67	20.48	57.71	105	212	P	H
CH 54		15810	46.92	-7.08	54	43.48	40.67	20.48	57.71	105	212	A	H
5270MHz		10540	43.25	-30.75	74	49.17	37.34	16.49	59.75	100	0	P	V
		15816	53.3	-20.7	74	49.83	40.69	20.48	57.7	300	251	P	V
		15816	43.73	-10.27	54	40.26	40.69	20.48	57.7	300	251	A	V
													V
		10620	43.71	-30.29	74	49.34	37.44	16.56	59.63	100	0	P	H
		15930	48.67	-25.33	74	44.96	40.82	20.53	57.64	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	41.87	-32.13	74	47.5	37.44	16.56	59.63	100	0	P	V
5310MHz		15930	49	-25	74	45.29	40.82	20.53	57.64	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 2 5250~5350MHz

WIFI 802.11ac VHT20 (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)
		5148.2	59.5	-14.5	74	45.83	34.61	11.55	32.49	100	207	P	H
		5150	46.27	-7.73	54	32.6	34.61	11.55	32.49	100	207	A	H
	*	5260	120.2	-	-	106.57	34.77	11.62	32.76	100	207	P	H
	*	5260	110.83	-	-	97.2	34.77	11.62	32.76	100	207	A	H
802.11ac													H
VHT20													H
CH 52		5142.2	57.56	-16.44	74	43.85	34.61	11.55	32.45	107	8	P	V
5260MHz		5149.4	44.51	-9.49	54	30.84	34.61	11.55	32.49	107	8	A	V
	*	5260	114.65	-	-	101.02	34.77	11.62	32.76	107	8	P	V
	*	5260	105.36	-	-	91.73	34.77	11.62	32.76	107	8	A	V
													V
													V
		5142.35	59.27	-14.73	74	45.56	34.61	11.55	32.45	107	245	P	H
		5145.35	46.32	-7.68	54	32.65	34.61	11.55	32.49	107	245	A	H
	*	5300	122.13	-	-	108.63	34.82	11.65	32.97	107	245	P	H
	*	5300	112.78	-	-	99.28	34.82	11.65	32.97	107	245	A	H
802.11ac		5350.66	67.9	-6.1	74	54.48	34.89	11.71	33.18	107	245	P	H
VHT20		5350.11	50.5	-3.5	54	37.08	34.89	11.71	33.18	107	245	A	H
CH 60		5076.95	58.61	-15.39	74	45.02	34.52	11.46	32.39	400	39	P	V
5300MHz		5146.25	44.4	-9.6	54	30.73	34.61	11.55	32.49	400	39	A	V
	*	5300	117.88	-	-	104.38	34.82	11.65	32.97	400	39	P	V
	*	5300	108.28	-	-	94.78	34.82	11.65	32.97	400	39	A	V
		5350.77	62.71	-11.29	74	49.29	34.89	11.71	33.18	400	39	P	V
		5350.22	46.39	-7.61	54	32.97	34.89	11.71	33.18	400	39	A	V

	*	5320	118.85	-	-	105.3	34.84	11.68	32.97	100	208	P	H
	*	5320	109.15	-	-	95.6	34.84	11.68	32.97	100	208	A	H
		5351.98	71.32	-2.68	74	57.9	34.89	11.71	33.18	100	208	P	H
		5350	52.9	-1.1	54	39.48	34.89	11.71	33.18	100	208	A	H
802.11ac													H
VHT20													H
CH 64	*	5320	112.42	-	-	98.87	34.84	11.68	32.97	103	10	P	V
5320MHz	*	5320	103.04	-	-	89.49	34.84	11.68	32.97	103	10	A	V
		5350	66.26	-7.74	74	52.84	34.89	11.71	33.18	103	10	P	V
		5350.33	48.96	-5.04	54	35.54	34.89	11.71	33.18	103	10	A	V
													V
													V

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

15E band 2 5250~5350MHz

WIFI 802.11ac VHT20 (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)
		10520	45.71	-28.29	74	51.68	37.32	16.49	59.78	100	0	P	H
		15780	61.89	-12.11	74	58.53	40.63	20.46	57.73	100	215	P	H
802.11ac		15780	49.73	-4.27	54	46.37	40.63	20.46	57.73	100	215	A	H
VHT20													H
CH 52		10520	42.96	-31.04	74	48.93	37.32	16.49	59.78	100	0	P	V
5260MHz		15780	58.23	-15.77	74	54.87	40.63	20.46	57.73	100	260	P	V
		15780	45.25	-8.75	54	41.89	40.63	20.46	57.73	100	260	A	V
													V
		10600	44.32	-29.68	74	50	37.42	16.56	59.66			P	H
		15900	59.78	-14.22	74	56.14	40.78	20.52	57.66	100	221	P	H
802.11ac		15900	47.12	-6.88	54	43.48	40.78	20.52	57.66	100	221	A	H
VHT20													H
CH 60		10600	43.54	-30.46	74	49.22	37.42	16.56	59.66	100	0	P	V
5300MHz		15900	57.47	-16.53	74	53.83	40.78	20.52	57.66	100	259	P	V
		15900	44.68	-9.32	54	41.04	40.78	20.52	57.66	100	259	A	V
													V
		10640	43.55	-30.45	74	49.09	37.47	16.6	59.61	100	0	P	H
		15960	57.68	-16.32	74	53.89	40.86	20.55	57.62	100	212	P	H
802.11ac		15960	43.91	-10.09	54	40.12	40.86	20.55	57.62	100	212	A	H
VHT20													H
CH 64		10640	41.97	-32.03	74	47.51	37.47	16.6	59.61	100	0	P	V
5320MHz		15960	55.01	-18.99	74	51.22	40.86	20.55	57.62	100	258	P	V
		15960	43.35	-10.65	54	39.56	40.86	20.55	57.62	100	258	A	V
													V

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

15E band 2 5250~5350MHz

WIFI 802.11ac VHT40 (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)
		5145.65	61.27	-12.73	74	47.6	34.61	11.55	32.49	101	244	P	H
		5148.2	48.63	-5.37	54	34.96	34.61	11.55	32.49	101	244	A	H
	*	5270	118.98	-	-	105.32	34.77	11.65	32.76	101	244	P	H
	*	5270	109.98	-	-	96.32	34.77	11.65	32.76	101	244	A	H
802.11ac		5351.21	66.83	-7.17	74	53.41	34.89	11.71	33.18	101	244	P	H
VHT40		5350.88	51.72	-2.28	54	38.3	34.89	11.71	33.18	101	244	A	H
CH 54		5126.9	59.27	-14.73	74	45.63	34.59	11.5	32.45	344	52	P	V
5270MHz		5143.55	45.55	-8.45	54	31.84	34.61	11.55	32.45	344	52	A	V
	*	5269	114.07	-	-	100.41	34.77	11.65	32.76	344	52	P	V
	*	5269	104.87	-	-	91.21	34.77	11.65	32.76	344	52	A	V
		5352.09	60.53	-13.47	74	47.11	34.89	11.71	33.18	344	52	P	V
		5352.31	46.35	-7.65	54	32.93	34.89	11.71	33.18	344	52	A	V
		5129.45	58.14	-15.86	74	44.5	34.59	11.5	32.45	100	216	P	H
		5147.45	45.1	-8.9	54	31.43	34.61	11.55	32.49	100	216	A	H
	*	5309	110.34	-	-	96.81	34.82	11.68	32.97	100	216	P	H
	*	5309	101.24	-	-	87.71	34.82	11.68	32.97	100	216	A	H
802.11ac		5350	66.4	-7.6	74	52.98	34.89	11.71	33.18	100	216	P	H
VHT40		5350.33	52.79	-1.21	54	39.37	34.89	11.71	33.18	100	216	A	H
CH 62		5146.7	57.81	-16.19	74	44.14	34.61	11.55	32.49	387	28	P	V
5310MHz		5146.55	44.44	-9.56	54	30.77	34.61	11.55	32.49	387	28	A	V
	*	5310	103.82	-	-	90.27	34.84	11.68	32.97	387	28	P	V
	*	5310	94.79	-	-	81.24	34.84	11.68	32.97	387	28	A	V
		5352.2	59.37	-14.63	74	45.95	34.89	11.71	33.18	387	28	P	V
		5350.22	47.42	-6.58	54	34	34.89	11.71	33.18	387	28	A	V

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

15E band 2 5250~5350MHz

WIFI 802.11ac VHT40 (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)
		4804	60.82	-13.18	74	49.28	34.25	11.11	33.82	101	244	P	H
		4804	51.88	-2.12	54	40.34	34.25	11.11	33.82	101	244	A	H
		5734	61.85	-6.45	68.3	48.53	35.23	12.26	34.17	101	244	P	H
802.11ac		10540	42.51	-31.49	74	48.43	37.34	16.49	59.75	100	0	P	H
VHT40		15810	53.84	-20.16	74	50.4	40.67	20.48	57.71	102	240	P	H
CH 54		15810	43.55	-10.45	54	40.11	40.67	20.48	57.71	102	240	A	H
5270MHz		10540	42.13	-31.87	74	48.05	37.34	16.49	59.75	100	0	P	V
		15810	51.62	-22.38	74	48.18	40.67	20.48	57.71	66	312	P	V
		15810	41.32	-12.68	54	37.88	40.67	20.48	57.71	66	312	A	V
													V
		10620	42.69	-31.31	74	48.32	37.44	16.56	59.63	100	0	P	H
		15930	48.68	-25.32	74	44.97	40.82	20.53	57.64	100	0	P	H
802.11ac													H
VHT40													H
CH 62		10620	42.41	-31.59	74	48.04	37.44	16.56	59.63	100	0	P	V
5310MHz		15930	48.84	-25.16	74	45.13	40.82	20.53	57.64	100	0	P	V
													V
													V

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

15E band 2 5250~5350MHz

WIFI 802.11ac VHT80 (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)
		5142.05	58	-16	74	44.29	34.61	11.55	32.45	100	242	P	H
		5144.45	46.34	-7.66	54	32.67	34.61	11.55	32.49	100	242	A	H
	*	5290	103.36	-	-	89.77	34.8	11.65	32.86	100	242	P	H
	*	5290	94.31	-	-	80.72	34.8	11.65	32.86	100	242	A	H
802.11ac		5362.87	63.2	-10.8	74	49.76	34.91	11.71	33.18	100	242	P	H
VHT80		5350	51.1	-2.9	54	37.68	34.89	11.71	33.18	100	242	A	H
CH 58		5110.85	57.42	-16.58	74	43.78	34.56	11.5	32.42	100	7	P	V
5290MHz		5142.05	44.93	-9.07	54	31.22	34.61	11.55	32.45	100	7	A	V
	*	5290	101.56	-	-	87.97	34.8	11.65	32.86	100	7	P	V
	*	5290	92.1	-	-	78.51	34.8	11.65	32.86	100	7	A	V
		5374.64	62.64	-11.36	74	49.3	34.91	11.71	33.28	100	7	P	V
		5364.85	48.75	-5.25	54	35.31	34.91	11.71	33.18	100	7	A	V

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

15E band 2 5250~5350MHz

WIFI 802.11ac VHT80 (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)
		10580	42.73	-31.27	74	48.49	37.4	16.52	59.68	100	0	P	H
		15870	48.15	-25.85	74	44.54	40.76	20.52	57.67	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	42.32	-31.68	74	48.08	37.4	16.52	59.68	100	0	P	V
5290MHz		15870	48.19	-25.81	74	44.58	40.76	20.52	57.67	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11n HT20 (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)
		5469.04	71.64	-2.36	74	58.3	35.05	11.86	33.57	100	219	P	H
		5469.84	53.25	-0.75	54	39.91	35.05	11.86	33.57	100	219	A	H
	*	5500	115.79	-	-	102.49	35.1	11.86	33.66	100	219	P	H
	*	5500	106.43	-	-	93.13	35.1	11.86	33.66	100	219	A	H
802.11n													H
HT20													H
CH 100		5469.36	66.4	-7.6	74	53.06	35.05	11.86	33.57	100	260	P	V
5500MHz		5470	47.74	-6.26	54	34.4	35.05	11.86	33.57	100	260	A	V
	*	5500	110.94	-	-	97.64	35.1	11.86	33.66	100	260	P	V
	*	5500	101.74	-	-	88.44	35.1	11.86	33.66	100	260	A	V
													V
													V
		5449.52	59.14	-14.86	74	45.79	35.03	11.8	33.48	100	243	P	H
		5468.24	46.44	-7.56	54	33.1	35.05	11.86	33.57	100	243	A	H
	*	5580	120.54	-	-	107.43	35.14	11.98	34.01	100	243	P	H
	*	5580	111.2	-	-	98.09	35.14	11.98	34.01	100	243	A	H
802.11n		5750.6	58.78	-15.22	74	45.38	35.24	12.33	34.17	100	243	P	H
HT20		5725.48	45.42	-8.58	54	32.08	35.23	12.26	34.15	100	243	A	H
CH 116		5404.24	57.81	-16.19	74	44.5	34.96	11.74	33.39	400	45	P	V
5580MHz		5394.16	44.42	-9.58	54	31.02	34.94	11.74	33.28	400	45	A	V
	*	5580	115.83	-	-	102.72	35.14	11.98	34.01	400	45	P	V
	*	5580	106.14	-	-	93.03	35.14	11.98	34.01	400	45	A	V
		5739.48	57.7	-16.3	74	44.37	35.24	12.26	34.17	400	45	P	V
		5738.92	44.2	-9.8	54	30.87	35.24	12.26	34.17	400	45	A	V

	*	5700	115.24	-	-	101.97	35.21	12.18	34.12	120	207	P	H
	*	5700	105.85	-	-	92.58	35.21	12.18	34.12	120	207	A	H
		5725.16	69.13	-4.87	74	55.79	35.23	12.26	34.15	120	207	P	H
		5725	52.77	-1.23	54	39.43	35.23	12.26	34.15	120	207	A	H
802.11n													H
HT20													H
CH 140	*	5700	109.05	-	-	95.78	35.21	12.18	34.12	100	16	P	V
5700MHz	*	5700	99.69	-	-	86.42	35.21	12.18	34.12	100	16	A	V
		5725.16	62.76	-11.24	74	49.42	35.23	12.26	34.15	100	16	P	V
		5725.16	47.75	-6.25	54	34.41	35.23	12.26	34.15	100	16	A	V
													V
													V

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

15E band 3 - 5470~5725MHz

WIFI 802.11n HT20 (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)
		11000	44.75	-29.25	74	49.01	37.9	16.94	59.1	100	0	P	H
		16500	52.78	-21.22	74	47.3	41.4	20.88	56.8	112	213	P	H
802.11n		16500	41.79	-12.21	54	36.31	41.4	20.88	56.8	112	213	A	H
HT20													H
CH 100		11000	43.41	-30.59	74	47.67	37.9	16.94	59.1	100	0	P	V
5500MHz		16500	54.13	-19.87	74	48.65	41.4	20.88	56.8	106	248	P	V
		16500	43.05	-10.95	54	37.57	41.4	20.88	56.8	106	248	A	V
													V
		11160	46.13	-27.87	74	49.72	38	17.08	58.67	100	0	P	H
		16740	54.52	-19.48	74	48.21	41.88	21.04	56.61	107	157	P	H
802.11n		16740	44.32	-9.68	54	38.01	41.88	21.04	56.61	107	157	A	H
HT20													H
CH 116		11160	45.13	-28.87	74	48.72	38	17.08	58.67	100	0	P	V
5580MHz		16740	55.81	-18.19	74	49.5	41.88	21.04	56.61	119	242	P	V
		16740	45.44	-8.56	54	39.13	41.88	21.04	56.61	119	242	A	V
													V
		11400	45.18	-28.82	74	47.79	38.14	17.31	58.06	100	0	P	H
		17100	50.08	-23.92	74	42.95	42.32	21.27	56.46	105	265	P	H
802.11n		17100	40.31	-13.69	54	33.18	42.32	21.27	56.46	105	265	A	H
HT20													H
CH 140		11400	45.53	-28.47	74	48.14	38.14	17.31	58.06	100	0	P	V
5700MHz		17100	52.01	-21.99	74	44.88	42.32	21.27	56.46	236	59	P	V
		17100	42.14	-11.86	54	35.01	42.32	21.27	56.46	236	59	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5470	68.46	-5.54	74	55.12	35.05	11.86	33.57	104	244	P	H
		5470	53.15	-0.85	54	39.81	35.05	11.86	33.57	104	244	A	H
	*	5512	109.98	-	-	96.7	35.1	11.92	33.74	104	244	P	H
	*	5512	100.33	-	-	87.05	35.1	11.92	33.74	104	244	A	H
802.11n		5761.64	57.7	-16.3	74	44.31	35.26	12.33	34.2	104	244	P	H
HT40		5764.12	44.67	-9.33	54	31.28	35.26	12.33	34.2	104	244	A	H
CH 102		5466.16	60.94	-13.06	74	47.6	35.05	11.86	33.57	316	59	P	V
5510MHz		5469.84	47.81	-6.19	54	34.47	35.05	11.86	33.57	316	59	A	V
	*	5510	104.92	-	-	91.64	35.1	11.92	33.74	316	59	P	V
	*	5510	95.52	-	-	82.24	35.1	11.92	33.74	316	59	A	V
		5763.16	57.21	-16.79	74	43.82	35.26	12.33	34.2	316	59	P	V
		5760.44	44.43	-9.57	54	31.04	35.26	12.33	34.2	316	59	A	V
		5466.48	60.53	-13.47	74	47.19	35.05	11.86	33.57	100	245	P	H
		5468.4	48.2	-5.8	54	34.86	35.05	11.86	33.57	100	245	A	H
	*	5550	115.8	-	-	102.52	35.13	11.98	33.83	100	245	P	H
	*	5550	106.75	-	-	93.47	35.13	11.98	33.83	100	245	A	H
802.11n		5726.6	58.48	-15.52	74	45.14	35.23	12.26	34.15	100	245	P	H
HT40		5726.68	45.86	-8.14	54	32.52	35.23	12.26	34.15	100	245	A	H
CH 110		5414	58.41	-15.59	74	45.08	34.98	11.74	33.39	326	50	P	V
5550MHz		5419.92	45.47	-8.53	54	32.14	34.98	11.74	33.39	326	50	A	V
	*	5550	111.15	-	-	97.87	35.13	11.98	33.83	326	50	P	V
	*	5550	101.97	-	-	88.69	35.13	11.98	33.83	326	50	A	V
		5738.28	57.69	-16.31	74	44.36	35.24	12.26	34.17	326	50	P	V
		5741.56	44.53	-9.47	54	31.13	35.24	12.33	34.17	326	50	A	V

802.11n HT40 CH 134 5670MHz		5372.08	57.28	-16.72	74	43.84	34.91	11.71	33.18	100	216	P	H
		5388.4	45.06	-8.94	54	31.66	34.94	11.74	33.28	100	216	A	H
	*	5670	114.24	-	-	100.95	35.2	12.18	34.09	100	216	P	H
	*	5670	105.14	-	-	91.85	35.2	12.18	34.09	100	216	A	H
		5727	69.73	-4.27	74	56.39	35.23	12.26	34.15	100	216	P	H
		5725	52.74	-1.26	54	39.4	35.23	12.26	34.15	100	216	A	H
		5350.48	58.38	-15.62	74	44.96	34.89	11.71	33.18	394	30	P	V
		5381.04	44.69	-9.31	54	31.29	34.94	11.74	33.28	394	30	A	V
	*	5670	105.79	-	-	92.5	35.2	12.18	34.09	394	30	P	V
	*	5670	96.23	-	-	82.94	35.2	12.18	34.09	394	30	A	V
		5725.24	61.82	-12.18	74	48.48	35.23	12.26	34.15	394	30	P	V
		5725.56	46.79	-7.21	54	33.45	35.23	12.26	34.15	394	30	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		11020	43.4	-30.6	74	47.61	37.91	16.94	59.06	100	0	P	H
		16530	48.59	-25.41	74	42.98	41.47	20.91	56.77	100	0	P	H
802.11n													H
HT40													H
CH 102		11020	43.66	-30.34	74	47.87	37.91	16.94	59.06	100	0	P	V
5510MHz		16530	48.27	-25.73	74	42.66	41.47	20.91	56.77	100	0	P	V
													V
													V
		5086	61.38	-12.62	74	47.79	34.52	11.46	32.39	100	250	P	H
		5086	53.26	-0.74	54	39.67	34.52	11.46	32.39	100	250	A	H
802.11n		11100	44.2	-29.8	74	48.07	37.96	17.01	58.84	100	0	P	H
HT40		16650	47.83	-26.17	74	41.81	41.71	20.99	56.68	100	0	P	H
CH 110		11100	43.45	-30.55	74	47.32	37.96	17.01	58.84	100	0	P	V
5550MHz		16650	48.85	-25.15	74	42.83	41.71	20.99	56.68	100	0	P	V
													V
													V
		5206	59.84	-8.46	68.3	46.12	34.68	11.59	32.55	100	216	P	H
		6136	59.75	-8.55	68.3	46.21	35.43	12.83	34.72	100	216	P	H
802.11n		11340	46.09	-27.91	74	48.99	38.1	17.23	58.23	100	0	P	H
HT40		17010	49.28	-24.72	74	42.08	42.39	21.22	56.41	100	0	P	H
CH 134		11340	44.58	-29.42	74	47.48	38.1	17.23	58.23	100	0	P	V
5670MHz		17010	50.18	-23.82	74	42.98	42.39	21.22	56.41	121	291	P	V
		17010	38.71	-15.29	54	31.51	42.39	21.22	56.41	121	291	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (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)
		5469.36	72.82	-1.18	74	59.48	35.05	11.86	33.57	130	206	P	H
		5470	52.6	-1.4	54	39.26	35.05	11.86	33.57	130	206	A	H
	*	5500	118.6	-	-	105.3	35.1	11.86	33.66	130	206	P	H
	*	5500	108.98	-	-	95.68	35.1	11.86	33.66	130	206	A	H
802.11ac													H
VHT20													H
CH 100		5469.04	65.88	-8.12	74	52.54	35.05	11.86	33.57	100	12	P	V
5500MHz		5469.84	47.21	-6.79	54	33.87	35.05	11.86	33.57	100	12	A	V
	*	5500	111.62	-	-	98.32	35.1	11.86	33.66	100	12	P	V
	*	5500	102.45	-	-	89.15	35.1	11.86	33.66	100	12	A	V
													V
													V
		5466.96	59.47	-14.53	74	46.13	35.05	11.86	33.57	102	245	P	H
		5468.08	46.66	-7.34	54	33.32	35.05	11.86	33.57	102	245	A	H
	*	5580	121.07	-	-	107.96	35.14	11.98	34.01	102	245	P	H
	*	5580	111.23	-	-	98.12	35.14	11.98	34.01	102	245	A	H
802.11ac		5734.84	58.81	-15.19	74	45.48	35.24	12.26	34.17	102	245	P	H
VHT20		5725.32	45.65	-8.35	54	32.31	35.23	12.26	34.15	102	245	A	H
CH 116		5440.88	57.52	-16.48	74	44.19	35.01	11.8	33.48	400	48	P	V
5580MHz		5470	44.6	-9.4	54	31.26	35.05	11.86	33.57	400	48	A	V
	*	5580	115.94	-	-	102.83	35.14	11.98	34.01	400	48	P	V
	*	5580	106.26	-	-	93.15	35.14	11.98	34.01	400	48	A	V
		5737.08	57.78	-16.22	74	44.45	35.24	12.26	34.17	400	48	P	V
		5743.96	44.36	-9.64	54	30.96	35.24	12.33	34.17	400	48	A	V

		5409.36	57.35	-16.65	74	44.04	34.96	11.74	33.39	100	202	P	H
		5400.56	44.32	-9.68	54	31.01	34.96	11.74	33.39	100	202	A	H
	*	5701	115.28	-	-	101.92	35.22	12.26	34.12	100	202	P	H
	*	5701	105.79	-	-	92.43	35.22	12.26	34.12	100	202	A	H
802.11ac		5725	70.53	-3.47	74	57.19	35.23	12.26	34.15	100	202	P	H
VHT20		5725	53.35	-0.65	54	40.01	35.23	12.26	34.15	100	202	A	H
CH 140		5392.88	57.31	-16.69	74	43.91	34.94	11.74	33.28	380	60	P	V
5700MHz		5392.72	44.3	-9.7	54	30.9	34.94	11.74	33.28	380	60	A	V
	*	5702	109.13	-	-	95.77	35.22	12.26	34.12	380	60	P	V
	*	5702	99.6	-	-	86.24	35.22	12.26	34.12	380	60	A	V
		5725	65.2	-8.8	74	51.86	35.23	12.26	34.15	380	60	P	V
		5725	48.77	-5.23	54	35.43	35.23	12.26	34.15	380	60	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (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)
		11000	46.42	-27.58	74	50.68	37.9	16.94	59.1	100	0	P	H
		16502	53.34	-20.66	74	47.83	41.4	20.91	56.8	100	202	P	H
802.11ac		16502	44.06	-9.94	54	38.55	41.4	20.91	56.8	100	202	A	H
VHT20													H
CH 100		11000	43.82	-30.18	74	48.08	37.9	16.94	59.1	100	0	P	V
5500MHz		16500	54.5	-19.5	74	49.02	41.4	20.88	56.8	100	241	P	V
		16500	45.3	-8.7	54	39.82	41.4	20.88	56.8	100	241	A	V
													V
		11160	47.55	-26.45	74	51.14	38	17.08	58.67	100	0	P	H
		16740	54.91	-19.09	74	48.6	41.88	21.04	56.61	100	192	P	H
802.11ac		16740	45	-9	54	38.69	41.88	21.04	56.61	100	192	A	H
VHT20													H
CH 116		11160	44.46	-29.54	74	48.05	38	17.08	58.67	100	0	P	V
5580MHz		16740	56.05	-17.95	74	49.74	41.88	21.04	56.61	100	243	P	V
		16740	46.13	-7.87	54	39.82	41.88	21.04	56.61	100	243	A	V
													V
		11400	44.88	-29.12	74	47.49	38.14	17.31	58.06	100	0	P	H
		17100	50.81	-23.19	74	43.68	42.32	21.27	56.46	100	0	P	H
802.11ac													H
VHT20													H
CH 140		11400	44.05	-29.95	74	46.66	38.14	17.31	58.06	100	0	P	V
5700MHz		17100	50.91	-23.09	74	43.78	42.32	21.27	56.46	100	0	P	V
													V
													V

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

15E band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (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)
		5470	66.56	-7.44	74	53.22	35.05	11.86	33.57	101	248	P	H
		5469.84	51.87	-2.13	54	38.53	35.05	11.86	33.57	101	248	A	H
	*	5509	108.85	-	-	95.57	35.1	11.92	33.74	101	248	P	H
	*	5509	99.82	-	-	86.54	35.1	11.92	33.74	101	248	A	H
802.11ac		5736.28	57.62	-16.38	74	44.29	35.24	12.26	34.17	101	248	P	H
VHT40		5758.28	44.47	-9.53	54	31.08	35.26	12.33	34.2	101	248	A	H
CH 102		5470	62.94	-11.06	74	49.6	35.05	11.86	33.57	330	49	P	V
5510MHz		5470	47.14	-6.86	54	33.8	35.05	11.86	33.57	330	49	A	V
	*	5510	104.56	-	-	91.28	35.1	11.92	33.74	330	49	P	V
	*	5510	95.54	-	-	82.26	35.1	11.92	33.74	330	49	A	V
		5746.76	57.13	-16.87	74	43.73	35.24	12.33	34.17	330	49	P	V
		5763.4	44.36	-9.64	54	30.97	35.26	12.33	34.2	330	49	A	V
		5469.2	62.85	-11.15	74	49.51	35.05	11.86	33.57	102	215	P	H
		5469.68	48.87	-5.13	54	35.53	35.05	11.86	33.57	102	215	A	H
	*	5549	116.79	-	-	103.51	35.13	11.98	33.83	102	215	P	H
	*	5549	107.41	-	-	94.13	35.13	11.98	33.83	102	215	A	H
802.11ac		5725	58.55	-15.45	74	45.21	35.23	12.26	34.15	102	215	P	H
VHT40		5739.48	45.47	-8.53	54	32.14	35.24	12.26	34.17	102	215	A	H
CH 110		5391.92	57.78	-16.22	74	44.38	34.94	11.74	33.28	388	76	P	V
5550MHz		5432.4	45.17	-8.83	54	31.84	35.01	11.8	33.48	388	76	A	V
	*	5549	109.93	-	-	96.65	35.13	11.98	33.83	388	76	P	V
	*	5549	100.51	-	-	87.23	35.13	11.98	33.83	388	76	A	V
		5751.88	57.61	-16.39	74	44.19	35.26	12.33	34.17	388	76	P	V
		5765	44.43	-9.57	54	31.04	35.26	12.33	34.2	388	76	A	V

		5408.4	57.56	-16.44	74	44.25	34.96	11.74	33.39	112	248	P	H
		5460.24	45.1	-8.9	54	31.78	35.03	11.86	33.57	112	248	A	H
	*	5669	115.17	-	-	101.88	35.2	12.18	34.09	112	248	P	H
	*	5669	106.12	-	-	92.83	35.2	12.18	34.09	112	248	A	H
802.11ac		5725.16	71.48	-2.52	74	58.14	35.23	12.26	34.15	112	248	P	H
VHT40		5725.24	53.46	-0.54	54	40.12	35.23	12.26	34.15	112	248	A	H
CH 134		5392.56	57.43	-16.57	74	44.03	34.94	11.74	33.28	295	48	P	V
5670MHz		5387.92	44.57	-9.43	54	31.17	34.94	11.74	33.28	295	48	A	V
	*	5669	111.19	-	-	97.9	35.2	12.18	34.09	295	48	P	V
	*	5669	101.93	-	-	88.64	35.2	12.18	34.09	295	48	A	V
		5725.72	65.52	-8.48	74	52.18	35.23	12.26	34.15	295	48	P	V
		5725.8	49	-5	54	35.66	35.23	12.26	34.15	295	48	A	V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												

15E band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (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)
		11020	44.47	-29.53	74	48.68	37.91	16.94	59.06	100	0	P	H
		16530	48.01	-25.99	74	42.4	41.47	20.91	56.77	100	0	P	H
802.11ac													H
VHT40													H
CH 102		11020	43.96	-30.04	74	48.17	37.91	16.94	59.06	100	0	P	V
5510MHz		16530	49.6	-24.4	74	43.99	41.47	20.91	56.77	100	0	P	V
													V
													V
		5086	64.52	-9.48	74	50.93	34.52	11.46	32.39	102	215	P	H
		5086	53.37	-0.63	54	39.78	34.52	11.46	32.39	102	215	A	H
		6016	62.35	-5.95	68.3	48.9	35.4	12.63	34.58	102	215	P	H
802.11ac		11100	43.67	-30.33	74	47.54	37.96	17.01	58.84	100	0	P	H
VHT40		16650	49.21	-24.79	74	43.19	41.71	20.99	56.68	100	0	P	H
CH 110		11100	43.59	-30.41	74	47.46	37.96	17.01	58.84	100	0	P	V
5550MHz		16650	49.3	-24.7	74	43.28	41.71	20.99	56.68	100	0	P	V
													V
													V
		5206	62.11	-6.19	68.3	48.39	34.68	11.59	32.55	112	248	P	H
		11340	45.14	-28.86	74	48.04	38.1	17.23	58.23	100	0	P	H
802.11ac		17010	50.2	-23.8	74	43	42.39	21.22	56.41	106	210	P	H
VHT40		17010	41.76	-12.24	54	34.56	42.39	21.22	56.41	106	210	A	H
CH 134		11340	45.1	-28.9	74	48	38.1	17.23	58.23	100	0	P	V
5670MHz		17010	49.91	-24.09	74	42.71	42.39	21.22	56.41	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 5470~5725MHz

WIFI 802.11ac VHT80 (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)
		5468.56	65.37	-8.63	74	52.03	35.05	11.86	33.57	116	204	P	H
		5461.52	52.97	-1.03	54	39.65	35.03	11.86	33.57	116	204	A	H
	*	5530	104.85	-	-	91.65	35.11	11.92	33.83	116	204	P	H
	*	5530	95.35	-	-	82.15	35.11	11.92	33.83	116	204	A	H
802.11ac		5750.6	57.5	-16.5	74	44.1	35.24	12.33	34.17	116	204	P	H
VHT80		5727.96	44.81	-9.19	54	31.47	35.23	12.26	34.15	116	204	A	H
CH 106		5467.12	59.8	-14.2	74	46.46	35.05	11.86	33.57	100	17	P	V
5530MHz		5455.44	47.25	-6.75	54	33.99	35.03	11.8	33.57	100	17	A	V
	*	5530	98.58	-	-	85.38	35.11	11.92	33.83	100	17	P	V
	*	5530	89.25	-	-	76.05	35.11	11.92	33.83	100	17	A	V
		5755.16	57.51	-16.49	74	44.09	35.26	12.33	34.17	100	17	P	V
		5738.6	44.61	-9.39	54	31.28	35.24	12.26	34.17	100	17	A	V
		5469.52	58.13	-15.87	74	44.79	35.05	11.86	33.57	102	215	P	H
		5465.52	45.99	-8.01	54	32.65	35.05	11.86	33.57	102	215	A	H
	*	5610	110.77	-	-	97.61	35.16	12.04	34.04	102	215	P	H
	*	5610	101.28	-	-	88.12	35.16	12.04	34.04	102	215	A	H
802.11ac		5725.16	64.74	-9.26	74	51.4	35.23	12.26	34.15	102	215	P	H
VHT80		5725.16	53.15	-0.85	54	39.81	35.23	12.26	34.15	102	215	A	H
CH 122		5444.08	57.07	-16.93	74	43.74	35.01	11.8	33.48	100	17	P	V
5610MHz		5409.2	44.95	-9.05	54	31.64	34.96	11.74	33.39	100	17	A	V
	*	5610	104.24	-	-	91.08	35.16	12.04	34.04	100	17	P	V
	*	5610	94.73	-	-	81.57	35.16	12.04	34.04	100	17	A	V
		5725.08	60.17	-13.83	74	46.83	35.23	12.26	34.15	100	17	P	V
		5725.08	48.32	-5.68	54	34.98	35.23	12.26	34.15	100	17	A	V

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

15E band 3 5470~5725MHz

WIFI 802.11ac VHT80 (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)
		5980	59.52	-8.78	68.3	46.05	35.39	12.58	34.5	116	204	P	H
		11060	43.4	-30.6	74	47.42	37.94	16.97	58.93	100	0	P	H
802.11ac		16590	48.77	-25.23	74	42.97	41.57	20.96	56.73	100	0	P	H
VHT80													H
CH 106		11060	43.03	-30.97	74	47.05	37.94	16.97	58.93	100	0	P	V
5530MHz		16590	48.6	-25.4	74	42.8	41.57	20.96	56.73	100	0	P	V
													V
													V
		5164	64.34	-3.96	68.3	50.65	34.63	11.55	32.49	102	215	P	H
		11220	44.43	-29.57	74	47.82	38.03	17.12	58.54	100	0	P	H
802.11ac		16830	48.76	-25.24	74	42.12	42.06	21.12	56.54	100	0	P	H
VHT80													H
CH 122		11220	44.24	-29.76	74	47.63	38.03	17.12	58.54	100	0	P	V
5610MHz		16830	49.58	-24.42	74	42.94	42.06	21.12	56.54	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11n HT20 (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)
802.11n HT20 CH 144 5720MHz		5392.56	57.69	-16.31	74	44.29	34.94	11.74	33.28	120	207	P	H
		5401.68	44.31	-9.69	54	31	34.96	11.74	33.39	120	207	A	H
	*	5720	121.38	-	-	108.04	35.23	12.26	34.15	120	207	P	H
	*	5720	111.71	-	-	98.37	35.23	12.26	34.15	120	207	A	H
		5867.84	59.08	-14.92	74	45.62	35.32	12.49	34.35	120	207	P	H
		5851.12	46.25	-7.75	54	32.8	35.31	12.45	34.31	120	207	A	H
		5359.28	58.7	-15.3	74	45.28	34.89	11.71	33.18	100	18	P	V
		5391.44	44.25	-9.75	54	30.85	34.94	11.74	33.28	100	18	A	V
	*	5720	114.71	-	-	101.37	35.23	12.26	34.15	100	18	P	V
	*	5720	105.09	-	-	91.75	35.23	12.26	34.15	100	18	A	V
		5860.56	57.43	-16.57	74	43.97	35.32	12.49	34.35	100	18	P	V
		5851.12	44.65	-9.35	54	31.2	35.31	12.45	34.31	100	18	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11n HT20 (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)
802.11n HT20 CH 144 5720MHz		11440	46.29	-27.71	74	48.75	38.16	17.35	57.97	100	0	P	H
		17160	55.43	-18.57	74	48.34	42.27	21.32	56.5	102	216	P	H
		17160	44.44	-9.56	54	37.35	42.27	21.32	56.5	102	216	A	H
													H
		11440	45.39	-28.61	74	47.85	38.16	17.35	57.97	100	0	P	V
		17160	55.23	-18.77	74	48.14	42.27	21.32	56.5	192	68	P	V
		17160	44.21	-9.79	54	37.12	42.27	21.32	56.5	192	68	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
		5382.48	57.71	-16.29	74	44.31	34.94	11.74	33.28	101	201	P	H
		5368.4	44.61	-9.39	54	31.17	34.91	11.71	33.18	101	201	A	H
	*	5709	117.36	-	-	104.03	35.22	12.26	34.15	101	201	P	H
	*	5709	108.45	-	-	95.12	35.22	12.26	34.15	101	201	A	H
802.11n		5854.96	61.23	-12.77	74	47.77	35.32	12.45	34.31	101	201	P	H
HT40		5850.32	46.86	-7.14	54	33.41	35.31	12.45	34.31	101	201	A	H
CH 142		5383.76	57.4	-16.6	74	44	34.94	11.74	33.28	381	74	P	V
5710MHz		5400.08	44.57	-9.43	54	31.26	34.96	11.74	33.39	381	74	A	V
	*	5709	112.91	-	-	99.58	35.22	12.26	34.15	381	74	P	V
	*	5709	103.31	-	-	89.98	35.22	12.26	34.15	381	74	A	V
		5860.24	57.51	-16.49	74	44.05	35.32	12.49	34.35	381	74	P	V
		5851.6	45	-9	54	31.55	35.31	12.45	34.31	381	74	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 142 5710MHz		5242	61.99	-6.31	68.3	48.27	34.75	11.62	32.65	101	201	P	H
		6208	60.82	-7.48	68.3	47.25	35.44	12.96	34.83	101	201	P	H
		11420	43.69	-30.31	74	46.25	38.15	17.31	58.02	100	0	P	H
		17130	50.88	-23.12	74	43.77	42.29	21.3	56.48	321	55	P	H
		17130	40.67	-13.33	54	33.56	42.29	21.3	56.48	321	55	A	H
		11420	44.63	-29.37	74	47.19	38.15	17.31	58.02	100	0	P	V
		17130	52.8	-21.2	74	45.69	42.29	21.3	56.48	216	99	P	V
		17130	42.66	-11.34	54	35.55	42.29	21.3	56.48	216	99	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11ac VHT20 (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)
		5405.84	57.74	-16.26	74	44.43	34.96	11.74	33.39	100	204	P	H
		5391.76	44.31	-9.69	54	30.91	34.94	11.74	33.28	100	204	A	H
	*	5719	121.31	-	-	107.97	35.23	12.26	34.15	100	204	P	H
	*	5719	111.39	-	-	98.05	35.23	12.26	34.15	100	204	A	H
802.11ac		5856.08	58.87	-15.13	74	45.41	35.32	12.45	34.31	100	204	P	H
VHT20		5851.12	45.95	-8.05	54	32.5	35.31	12.45	34.31	100	204	A	H
CH 144		5413.36	57.41	-16.59	74	44.08	34.98	11.74	33.39	380	60	P	V
5720MHz		5379.76	44.19	-9.81	54	30.82	34.94	11.71	33.28	380	60	A	V
	*	5719	114.74	-	-	101.4	35.23	12.26	34.15	380	60	P	V
	*	5719	105.51	-	-	92.17	35.23	12.26	34.15	380	60	A	V
		5852.16	57.82	-16.18	74	44.37	35.31	12.45	34.31	380	60	P	V
		5852.88	44.48	-9.52	54	31.03	35.31	12.45	34.31	380	60	A	V

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

15E band 3 - Straddle Channel

WIFI 802.11ac VHT20 (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)
		11440	47.54	-26.46	74	50	38.16	17.35	57.97	100	0	P	H
		17160	56.48	-17.52	74	49.39	42.27	21.32	56.5	102	218	P	H
802.11ac		17160	46.88	-7.12	54	39.79	42.27	21.32	56.5	102	218	A	H
VHT20													H
CH 144		11440	44.47	-29.53	74	46.93	38.16	17.35	57.97	100	0	P	V
5720MHz		17160	56.15	-17.85	74	49.06	42.27	21.32	56.5	110	245	P	V
		17160	46.75	-7.25	54	39.66	42.27	21.32	56.5	110	245	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11ac VHT40 (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)
		5403.44	57.77	-16.23	74	44.46	34.96	11.74	33.39	100	245	P	H
		5406.96	45.02	-8.98	54	31.71	34.96	11.74	33.39	100	245	A	H
	*	5712	117.3	-	-	103.97	35.22	12.26	34.15	100	245	P	H
	*	5712	108.07	-	-	94.74	35.22	12.26	34.15	100	245	A	H
802.11ac		5857.6	59.48	-14.52	74	46.02	35.32	12.45	34.31	100	245	P	H
VHT40		5850.64	46.67	-7.33	54	33.22	35.31	12.45	34.31	100	245	A	H
CH 142		5419.28	57.74	-16.26	74	44.41	34.98	11.74	33.39	322	48	P	V
5710MHz		5412.56	44.61	-9.39	54	31.28	34.98	11.74	33.39	322	48	A	V
	*	5709	112.8	-	-	99.47	35.22	12.26	34.15	322	48	P	V
	*	5709	103.35	-	-	90.02	35.22	12.26	34.15	322	48	A	V
		5853.6	57.96	-16.04	74	44.5	35.32	12.45	34.31	322	48	P	V
		5850.64	45.13	-8.87	54	31.68	35.31	12.45	34.31	322	48	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11ac VHT40 (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)
802.11ac VHT40 CH 142 5710MHz		5248	64.96	-3.34	68.3	51.35	34.75	11.62	32.76	100	245	P	H
		11420	44.36	-29.64	74	46.92	38.15	17.31	58.02	100	0	P	H
		17130	50.6	-23.4	74	43.49	42.29	21.3	56.48	118	120	P	H
		17130	42.4	-11.6	54	35.29	42.29	21.3	56.48	118	120	A	H
		5242	58.13	-10.17	68.3	44.41	34.75	11.62	32.65	322	48	P	V
		11420	43.8	-30.2	74	46.36	38.15	17.31	58.02	100	0	P	V
		17130	51.89	-22.11	74	44.78	42.29	21.3	56.48	112	158	P	V
		17130	45.33	-8.67	54	38.22	42.29	21.3	56.48	112	158	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11ac VHT80 (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)
		5469.84	57.72	-16.28	74	44.38	35.05	11.86	33.57	100	202	P	H
		5450	45.89	-8.11	54	32.63	35.03	11.8	33.57	100	202	A	H
	*	5690	114.84	-	-	101.57	35.21	12.18	34.12	100	202	P	H
	*	5690	105.16	-	-	91.89	35.21	12.18	34.12	100	202	A	H
802.11ac		5864.48	69.7	-4.3	74	56.24	35.32	12.49	34.35	100	202	P	H
VHT80		5850	52.84	-1.16	54	39.39	35.31	12.45	34.31	100	202	A	H
CH 138		5433.68	57.37	-16.63	74	44.04	35.01	11.8	33.48	100	20	P	V
5690MHz		5361.52	45.06	-8.94	54	31.62	34.91	11.71	33.18	100	20	A	V
	*	5690	108.32	-	-	95.05	35.21	12.18	34.12	100	20	P	V
	*	5690	98.46	-	-	85.19	35.21	12.18	34.12	100	20	A	V
		5864.24	61.31	-12.69	74	47.85	35.32	12.49	34.35	100	20	P	V
		5852.48	47.55	-6.45	54	34.1	35.31	12.45	34.31	100	20	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E band 3 - Straddle Channel

WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 138 5690MHz		5242	67.6	-0.7	68.3	53.88	34.75	11.62	32.65	100	202	P	H
		11380	45.14	-28.86	74	47.84	38.13	17.27	58.1	112	122	P	H
		17070	53.83	-20.17	74	46.65	42.35	21.27	56.44	112	122	P	H
		17070	43.43	-10.57	54	36.25	42.35	21.27	56.44	112	122	A	H
		11380	44.53	-29.47	74	47.23	38.13	17.27	58.1	100	0	P	V
		17070	52.44	-21.56	74	45.26	42.35	21.27	56.44	212	58	P	V
		17070	42.72	-11.28	54	35.54	42.35	21.27	56.44	212	58	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

15E Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		30.81	25.69	-14.31	40	37.1	18.28	1.77	31.46			P	H
		130.71	28.64	-14.86	43.5	45.46	11.9	2.38	31.1			P	H
		287.85	31.65	-14.35	46	46.51	13.04	3.16	31.06			P	H
		372.8	32.73	-13.27	46	45.43	14.94	3.39	31.03			P	H
		430.9	34.85	-11.15	46	45.06	16.91	3.63	30.75	155	78	P	H
		698.3	32.88	-13.12	46	38.35	20.58	4.35	30.4			P	H
													H
													H
													H
													H
													H
													H
		31.35	31.37	-8.63	40	42.74	18.28	1.77	31.42	125	110	P	V
		129.36	31.03	-12.47	43.5	47.83	11.92	2.38	31.1			P	V
		226.29	33.45	-12.55	46	51.71	9.78	2.96	31			P	V
		371.4	28.8	-17.2	46	41.54	14.92	3.39	31.05			P	V
		436.5	30.77	-15.23	46	40.9	16.96	3.63	30.72			P	V
		698.3	28.09	-17.91	46	33.56	20.58	4.35	30.4			P	V
													V
													V
													V
													V
													V
													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 per 15.209(c).
!	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		(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".