FCC RADIO TEST REPORT

FCC ID	**:**	**UZ7TC57HO**
Equipment	**:**	**Touch Computer**
Brand Name	**:**	**Zebra**
Model Name	**:**	**TC57HO**
Applicant	**:**	**Zebra Technologies Corporation 1 Zebra Plaza Holtsville, NY 11742**
Manufacturer	**:**	**Zebra Technologies Corporation 1 Zebra Plaza Holtsville, NY 11742**
Standard	**:**	**FCC Part 15 Subpart E §15.407**

The product was received on Aug. 15, 2018 and testing was started from Aug. 31, 2018 and completed on Oct. 08, 2018. 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 report must not be used by the client to claim product certification, approval, or endorsement by TAF or any agency of government.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Approved by: Joseph Lin

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issued Date
FR882724E	01	Initial issue of report	Oct. 12, 2018

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403(i)	26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Reporting only	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	Under limit 1.02 dB at 5350.080 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 18.29 dB at 0.299 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Reviewed by: Wii Chang

Report Producer: Yimin Ho

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Touch Computer
Brand Name	Zebra
Model Name	TC57HO
FCC ID	UZ7TC57HO
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/NFC/GNSS WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE
HW Version	DV
SW Version	91-10-03.00-OG-U00-STD
FW Version	FUSION_QA_2_1.0.0.030_O
MFD	30-Jul-18
EUT Stage	Engineering Sample

Remark: The above EUT's information was declared by manufacturer.

Specification of Accessories				
Adapter	**Brand Name**	Zebra	**Part Number**	PWR-WUA5V12W0US
Battery 1	**Brand Name**	Zebra	**Part Number**	BT-000314-50
Battery 2	**Brand Name**	Zebra	**Part Number**	BT-000314-01
USB cable	**Brand Name**	Zebra	**Part Number**	CBL-TC51-USB1-01
Headset Jumper 1	**Brand Name**	Zebra	**Part Number**	CBL-TC51-HDST25-01
Headset Jumper 2	**Brand Name**	Zebra	**Part Number**	CBL-TC51-HDST35-01
2.5mm Earphone	**Brand Name**	Zebra	**Part Number**	HDST-25MM-PTVP-01
3.5mm Earphone	**Brand Name**	Zebra	**Part Number**	HDST-35MM-PTVP-01
Exoskeleton	**Brand Name**	Zebra	**Part Number**	SG-TC51-EX01-01
Trigger Handle	**Brand Name**	Zebra	**Part Number**	TRG-TC51-SNP1-01
Soft Holster	**Brand Name**	Zebra	**Part Number**	SG-TC51-HLSTR1-01
Hand strap	**Brand Name**	Zebra	**Part Number**	SG-TC51-BHDSTP1-03
USB-C Adaptor	**Brand Name**	Zebra	**Part Number**	ADPTR-TC56-USBC-01
USB Type C cable	**Brand Name**	Zebra	**Part Number**	N/A

1.2 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx/Rx Frequency Range	5180 MHz ~ 5240 MHz 5260 MHz ~ 5320 MHz 5500 MHz ~ 5720 MHz
Maximum Output Power to Antenna <CDD Modes>	**<5180 MHz ~ 5240 MHz>** **<Ant. 1>** 802.11a : 18.20 dBm / 0.0661 W 802.11n HT20 : 18.46 dBm / 0.0701 W 802.11n HT40 : 18.22 dBm / 0.0664 W 802.11ac VHT20: 18.40 dBm / 0.0692 W 802.11ac VHT40: 18.18 dBm / 0.0658 W 802.11ac VHT80: 16.99 dBm / 0.0500 W **<Ant. 2>** 802.11a : 17.43 dBm / 0.0553 W 802.11n HT20 : 17.42 dBm / 0.0552 W 802.11n HT40 : 17.39 dBm / 0.0548 W 802.11ac VHT20: 17.37 dBm / 0.0546 W 802.11ac VHT40: 17.32 dBm / 0.0540 W 802.11ac VHT80: 16.55 dBm / 0.0452 W **MIMO <Ant. 1 + 2>** 802.11a : 19.93 dBm / 0.0984 W 802.11n HT20 : 19.89 dBm / 0.0975 W 802.11n HT40 : 19.96 dBm / 0.0991 W 802.11ac VHT20: 19.84 dBm / 0.0964 W 802.11ac VHT40: 19.90 dBm / 0.0977 W 802.11ac VHT80: 16.67 dBm / 0.0465 W
	<5260 MHz ~ 5320 MHz> **<Ant. 1>** 802.11a : 17.67 dBm / 0.0585 W 802.11n HT20 : 17.97 dBm / 0.0627 W 802.11n HT40 : 17.79 dBm / 0.0601 W 802.11ac VHT20: 17.95 dBm / 0.0624 W 802.11ac VHT40: 17.74 dBm / 0.0594 W 802.11ac VHT80: 13.91 dBm / 0.0246 W **<Ant. 2>** 802.11a : 17.97 dBm / 0.0627 W 802.11n HT20 : 17.89 dBm / 0.0615 W 802.11n HT40 : 17.97 dBm / 0.0627 W 802.11ac VHT20: 17.81 dBm / 0.0604 W 802.11ac VHT40: 17.94 dBm / 0.0622 W 802.11ac VHT80: 13.40 dBm / 0.0219 W **MIMO <Ant. 1 + 2>** 802.11a : 19.91 dBm / 0.0979 W 802.11n HT20 : 19.81 dBm / 0.0957 W 802.11n HT40 : 19.85 dBm / 0.0966 W 802.11ac VHT20: 19.77 dBm / 0.0948 W 802.11ac VHT40: 19.74 dBm / 0.0942 W 802.11ac VHT80: 14.11 dBm / 0.0258 W

Standards-related Product Specification	
Maximum Output Power to Antenna <CDD Modes>	**<5500 MHz ~ 5720 MHz>** **<Ant. 1>** 802.11a : 15.70 dBm / 0.0372 W 802.11n HT20 : 15.69 dBm / 0.0371 W 802.11n HT40 : 15.89 dBm / 0.0388 W 802.11ac VHT20: 15.65 dBm / 0.0367 W 802.11ac VHT40: 15.84 dBm / 0.0384 W 802.11ac VHT80: 15.82 dBm / 0.0382 W **<Ant. 2>** 802.11a : 17.90 dBm / 0.0617 W 802.11n HT20 : 17.86 dBm / 0.0611 W 802.11n HT40 : 17.97 dBm / 0.0627 W 802.11ac VHT20: 17.81 dBm / 0.0604 W 802.11ac VHT40: 17.95 dBm / 0.0624 W 802.11ac VHT80: 17.77 dBm / 0.0598 W **MIMO <Ant. 1 + 2>** 802.11a : 18.48 dBm / 0.0705 W 802.11n HT20 : 18.43 dBm / 0.0697 W 802.11n HT40 : 18.49 dBm / 0.0706 W 802.11ac VHT20: 18.39 dBm / 0.0690 W 802.11ac VHT40: 18.39 dBm / 0.0690 W 802.11ac VHT80: 18.49 dBm / 0.0706 W
Maximum Output Power to Antenna <TXBF Modes>	**<5180 MHz ~ 5240 MHz>** **MIMO <Ant. 1 + 2>** 802.11ac VHT20: 19.87 dBm / 0.0971 W 802.11ac VHT40: 19.82 dBm / 0.0959 W 802.11ac VHT80: 18.46 dBm / 0.0701 W **<5260 MHz ~ 5320 MHz>** **MIMO <Ant. 1 + 2>** 802.11ac VHT20: 19.96 dBm / 0.0991 W 802.11ac VHT40: 19.81 dBm / 0.0957 W 802.11ac VHT80: 17.31 dBm / 0.0538 W **<5500 MHz ~ 5720 MHz>** **MIMO <Ant. 1 + 2>** 802.11ac VHT20: 18.42 dBm / 0.0695 W 802.11ac VHT40: 18.50 dBm / 0.0708 W 802.11ac VHT80: 18.24 dBm / 0.0667 W

<table>
<tr><th colspan="2">Standards-related Product Specification</th></tr>
<tr><td>99% Occupied Bandwidth
<CDD Modes></td><td><Ant. 1>
802.11a : 17.90 MHz
802.11n HT20 : 20.30 MHz
802.11n HT40 : 37.00 MHz
802.11ac VHT80 : 77.04 MHz
<Ant. 2>
802.11a : 17.05 MHz
802.11n HT20 : 18.15 MHz
802.11n HT 40 : 36.80 MHz
802.11ac VHT80 : 76.92 MHz
MIMO <Ant. 1>
802.11a : 17.25 MHz
802.11n HT20 : 18.45 MHz
802.11n HT40 : 36.90 MHz
802.11ac VHT80 : 76.92 MHz
MIMO <Ant. 2>
802.11a : 17.05 MHz
802.11n HT20 : 18.15 MHz
802.11n HT40 : 36.80 MHz
802.11ac VHT80 : 77.04 MHz</td></tr>
<tr><td>99% Occupied Bandwidth
<TXBF Modes></td><td>MIMO <Ant. 1>
802.11ac VHT20 : 18.18 MHz
802.11ac VHT40 : 37.76 MHz
802.11ac VHT80 : 79.00 MHz
MIMO <Ant. 2>
802.11ac VHT20 : 18.08 MHz
802.11ac VHT40 : 37.76 MHz
802.11ac VHT80 : 77.80 MHz</td></tr>
<tr><td>Antenna Type / Gain</td><td><5180 MHz ~ 5240 MHz>
Ant. 1 : Loop Antenna with gain 2.10 dBi
Ant. 2 : PIFA Antenna with gain 2.30 dBi
<5260 MHz ~ 5320 MHz>
Ant. 1 : Loop Antenna with gain 1.90 dBi
Ant. 2 : PIFA Antenna with gain 1.70 dBi
<5500 MHz ~ 5720 MHz >
Ant. 1 : Loop Antenna with gain 2.10 dBi
Ant. 2 : PIFA Antenna with gain 2.90 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><th></th><th>Ant. 1</th><th>Ant. 2</th></tr>
<tr><td>802.11 a/n/ac</td><td>V</td><td>V</td></tr>
<tr><td>802.11 a/n/ac
CDD MIMO</td><td>V</td><td>V</td></tr>
<tr><td>802.11ac
TXBF</td><td>V</td><td>V</td></tr>
</table>
</td></tr>
</table>

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

1.3 Modification of EUT

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

1.4 Testing Location

Sporton Lab is accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code : 1190) and the FCC designation No. TW1190 and TW0007 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC Test.

Test Site	SPORTON INTERNATIONAL INC.	
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978	
Test Site No.	**Sporton Site No.**	
	TH05-HY	CO05-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

Test Site	SPORTON INTERNATIONAL INC.
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH12-HY

Note: The test site complies with ANSI C63.4 2014 requirement.

1.5 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 v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- ANSI C63.10-2013

Remark:

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

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.

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

2.1 Carrier Frequency and Channel

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

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

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106#	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

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

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

Note:

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

2.2 Test Mode

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

Single Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0

MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0

TXBF Mode

Modulation	Data Rate
802.11ac VHT20	MCS0
802.11ac VHT40	MCS0
802.11ac VHT80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + NFC On + Battery 1 + Scanner + without Exoskeleton + Rugged Charge/USB Cable + Adapter (SAWA-65-20005A (5V/2.5A)) + Headset Jumper (CBL-TC51-HDST25-01) + Earphone (HDST-25MM-PTVP-01)
Remark: For radiated measurement, pre-scanned tests were conducted to determine the final configuration from all possible combinations. All the test cases were performed with Adapter, Battery 1, USB Cable, Headset Jumper 1, and 2.5mm Earphone.	

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 VHT80	802.11ac VHT80	802.11ac VHT80
L	Low	-	-	106
M	Middle	42	58	122
H	High	-	-	-
Straddle		-	-	138

<CDD Mode>

<Ant. 1>

802.11a RF Output Power (dBm)											
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	Data Rate (bps)	Channel	Data Rate (bps)							
		6M		9M	12M	18M	24M	36M	48M	54M
Duty Cycle (%)		94.86		92.83	91.43	87.45	85.06	79.82	74.73	72.78
CH 036	5180	**18.20**	CH 036	18.13	18.19	18.18	18.04	18.16	18.17	16.67
CH 044	5220	18.13								
CH 048	5240	18.03								
CH 052	5260	17.63	CH 060	17.64	17.64	17.49	17.47	17.52	17.52	16.03
CH 060	5300	**17.67**								
CH 064	5320	17.64								
CH 100	5500	15.53	CH 144	15.69	15.69	15.41	15.40	15.43	15.44	13.94
CH 116	5580	15.64								
CH 140	5700	15.67								
CH 144*	5720	**15.70**								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11n HT20 RF Output Power (dBm)											
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index							
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Duty Cycle (%)		94.97		90.94	85.21	82.51	76.32	74.86	72.62	71.79
CH 036	5180	18.38	CH 044	18.41	18.45	18.39	18.45	18.44	18.44	14.92
CH 044	5220	**18.46**								
CH 048	5240	18.32								
CH 052	5260	17.87	CH 060	17.59	17.95	17.95	17.72	17.49	17.62	14.46
CH 060	5300	**17.97**								
CH 064	5320	17.96								
CH 100	5500	**15.69**	CH 100	15.48	15.55	15.54	15.35	15.66	15.62	12.18
CH 116	5580	15.64								
CH 140	5700	15.58								
CH 144*	5720	15.59								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11n HT40 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Duty Cycle (%)		90.69		84.32	78.87	73.45	67.14	61.16	59.65	55.17
CH 038	5190	16.87	CH 046	18.19	18.03	18.19	18.05	18.15	18.08	15.18
CH 046	5230	**18.22**								
CH 054	5270	**17.79**	CH 054	17.58	17.58	17.64	17.57	17.54	17.49	14.70
CH 062	5310	15.07								
CH 102	5510	15.61	CH 134	15.841	15.881	15.490	15.850	15.835	15.844	12.693
CH 110	5550	15.60								
CH 134	5670	**15.89**								
CH 142*	5710	15.84								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT20 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
Duty Cycle (%)		94.42		91.35	85.94	84.72	79.64	75.00	72.51	69.51	67.12
CH 036	5180	18.35	CH 044	18.35	18.36	18.28	18.27	18.35	18.38	18.30	14.86
CH 044	5220	**18.40**									
CH 048	5240	18.30									
CH 052	5260	17.86	CH 060	17.57	17.88	17.82	17.60	17.47	17.63	17.88	14.43
CH 060	5300	**17.95**									
CH 064	5320	17.90									
CH 100	5500	**15.65**	CH 100	15.47	15.53	15.43	15.19	15.60	15.60	15.58	12.13
CH 116	5580	15.61									
CH 140	5700	15.57									
CH 144*	5720	15.56									

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT40 RF Output Power (dBm)											
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index							
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
Duty Cycle (%)		90.69		84.14	78.70	74.58	67.37	59.38	59.24	59.02	55.77	54.82
CH 038	5190	16.84	CH 046	18.16	18.01	18.12	18.04	18.12	18.07	17.89	18.04	14.01
CH 046	5230	**18.18**										
CH 054	5270	**17.74**	CH 054	17.56	17.57	17.57	17.54	17.50	17.47	17.41	17.69	13.61
CH 062	5310	15.05										
CH 102	5510	15.55	CH 134	15.82	15.80	15.42	15.75	15.76	15.77	15.40	15.60	11.51
CH 110	5550	15.52										
CH 134	5670	**15.84**										
CH 142*	5710	15.82										

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT80 RF Output Power (dBm)											
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index							
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
Duty Cycle (%)		86.88		80.83	75.98	71.52	64.46	55.17	57.14	55.45	53.76	52.75
CH 042	5210	**16.99**	CH 042	16.94	16.98	16.98	16.77	16.88	16.88	16.91	16.73	12.20
CH 058	5290	**13.91**	CH 058	13.84	13.89	13.89	13.53	13.88	13.55	13.61	13.62	9.05
CH 106	5530	14.15	CH 122	15.75	15.67	15.69	15.61	15.80	15.63	15.66	15.62	11.06
CH 122	5610	**15.82**										
CH 138*	5690	15.79										

Note: The above Frequency and Channel in "*" were straddle Channel.

<Ant. 2>

802.11a RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	Data Rate (bps)	Channel	Data Rate (bps)						
		6M		9M	12M	18M	24M	36M	48M	54M
Duty Cycle (%)		94.86		92.83	91.76	88.12	85.06	76.39	74.73	72.62
CH 036	5180	**17.43**	CH 036	17.42	17.39	17.35	17.40	17.04	17.39	15.87
CH 044	5220	17.34								
CH 048	5240	17.22								
CH 052	5260	17.82	CH 060	17.95	17.95	17.94	17.92	17.59	17.95	16.41
CH 060	5300	**17.97**								
CH 064	5320	17.77								
CH 100	5500	**17.90**	CH 100	17.87	17.89	17.87	17.85	17.88	17.80	16.32
CH 116	5580	17.72								
CH 140	5700	17.52								
CH 144*	5720	17.62								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11n HT20 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Duty Cycle (%)		94.47		90.60	87.20	83.89	78.73	74.03	72.62	70.44
CH 036	5180	17.38	CH 044	17.13	17.39	17.41	17.14	17.21	17.24	13.70
CH 044	5220	**17.42**								
CH 048	5240	17.21								
CH 052	5260	17.53	CH 064	17.53	17.87	17.41	17.51	17.73	17.54	14.09
CH 060	5300	17.54								
CH 064	5320	**17.89**								
CH 100	5500	**17.86**	CH 100	17.83	17.62	17.63	17.74	17.82	17.84	14.32
CH 116	5580	17.76								
CH 140	5700	17.65								
CH 144*	5720	17.74								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11n HT40 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
Duty Cycle (%)		90.69		82.31	78.50	74.29	68.12	62.71	60.71	59.26
CH 038	5190	16.17	CH 046	17.37	17.35	17.38	17.30	17.33	17.29	14.29
CH 046	5230	**17.39**								
CH 054	5270	**17.97**	CH 054	17.77	17.68	17.67	17.95	17.96	17.95	14.95
CH 062	5310	14.40								
CH 102	5510	17.00	CH 134	17.95	17.96	17.90	17.82	17.73	17.72	14.75
CH 110	5550	17.93								
CH 134	5670	**17.97**								
CH 142*	5710	17.94								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT20 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
Duty Cycle (%)		94.82		90.98	87.30	84.39	79.64	75.41	72.94	71.70	64.47
CH 036	5180	17.33	CH 044	17.07	17.35	17.34	17.12	17.13	17.22	17.12	13.81
CH 044	5220	**17.37**									
CH 048	5240	17.15									
CH 052	5260	17.45	CH 064	17.51	17.69	17.39	17.44	17.63	17.52	17.54	14.21
CH 060	5300	17.48									
CH 064	5320	**17.81**									
CH 100	5500	**17.81**	CH 100	17.76	17.60	17.59	17.64	17.68	17.79	17.74	14.14
CH 116	5580	17.69									
CH 140	5700	17.60									
CH 144*	5720	17.70									

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT40 RF Output Power (dBm)											
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index							
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
Duty Cycle (%)		90.15		84.64	78.18	75.28	66.67	63.41	60.50	58.41	56.31	54.90
CH 038	5190	16.13	CH 046	17.24	17.27	17.28	17.26	17.26	17.28	17.26	17.29	13.30
CH 046	5230	**17.32**										
CH 054	5270	**17.94**	CH 054	17.64	17.67	17.58	17.89	17.91	17.89	17.84	17.91	13.93
CH 062	5310	14.35										
CH 102	5510	16.92	CH 134	17.82	17.87	17.84	17.78	17.61	17.71	17.74	17.85	13.75
CH 110	5550	17.87										
CH 134	5670	**17.95**										
CH 142*	5710	17.92										

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT80 RF Output Power (dBm)											
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index							
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
Duty Cycle (%)		86.13		78.86	75.56	68.79	63.11	55.17	57.14	55.45	49.50	51.06
CH 042	5210	**16.55**	CH 042	16.22	16.12	16.15	16.50	16.20	16.53	16.41	16.20	11.98
CH 058	5290	**13.40**	CH 058	13.33	13.23	13.34	13.05	13.24	13.06	13.10	13.18	8.53
CH 106	5530	16.95	CH 122	17.59	17.52	17.56	17.43	17.66	17.38	17.39	17.69	12.87
CH 122	5610	**17.77**										
CH 138*	5690	17.67										

Note: The above Frequency and Channel in "*" were straddle Channel.

MIMO <Ant. 1 + 2>

802.11a RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	Data Rate (bps)	Channel	Data Rate (bps)						
		6M		9M	12M	18M	24M	36M	48M	54M
CH 036	5180	**19.93**	CH 036	19.72	19.74	19.78	19.78	19.57	19.76	18.12
CH 044	5220	19.66								
CH 048	5240	19.51								
CH 052	5260	19.62	CH 064	19.65	19.75	19.75	19.67	19.56	19.82	18.10
CH 060	5300	19.68								
CH 064	5320	**19.91**								
CH 100	5500	18.45	CH 144	18.33	18.28	18.41	18.31	18.36	18.44	16.97
CH 116	5580	18.46								
CH 140	5700	18.41								
CH 144*	5720	**18.48**								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11n HT20 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
CH 036	5180	19.86	CH 048	19.78	19.74	19.79	19.78	19.85	19.75	16.37
CH 044	5220	19.68								
CH 048	5240	**19.89**								
CH 052	5260	19.66	CH 064	19.32	19.66	19.60	19.62	19.69	19.72	16.25
CH 060	5300	19.63								
CH 064	5320	**19.81**								
CH 100	5500	**18.43**	CH 100	18.25	18.33	18.33	18.01	18.41	18.40	14.59
CH 116	5580	18.36								
CH 140	5700	18.15								
CH 144*	5720	18.15								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11n HT40 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
CH 038	5190	19.40	CH 046	19.95	19.83	19.85	19.74	19.94	19.94	16.76
CH 046	5230	**19.96**								
CH 054	5270	**19.85**	CH 054	19.84	19.65	19.68	19.54	19.67	19.63	16.69
CH 062	5310	17.14								
CH 102	5510	18.09	CH 134	18.48	18.48	18.46	18.47	18.05	18.02	15.01
CH 110	5550	18.30								
CH 134	5670	**18.49**								
CH 142*	5710	18.09								

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT20 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
CH 036	5180	19.82	CH 048	19.74	19.70	19.77	19.74	19.82	19.73	19.83	16.25
CH 044	5220	19.64									
CH 048	5240	**19.84**									
CH 052	5260	19.63	CH 064	19.27	19.63	19.54	19.59	19.66	19.70	19.71	16.19
CH 060	5300	19.60									
CH 064	5320	**19.77**									
CH 100	5500	**18.39**	CH 100	18.20	18.27	18.31	17.97	18.36	18.37	18.04	14.50
CH 116	5580	18.33									
CH 140	5700	18.14									
CH 144*	5720	18.12									

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT40 RF Output Power (dBm)											
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index							
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
CH 038	5190	19.33	CH 046	19.88	19.70	19.83	19.72	19.69	19.70	19.59	19.75	15.70
CH 046	5230	**19.90**										
CH 054	5270	**19.74**	CH 054	19.71	19.53	19.66	19.46	19.44	19.38	19.49	19.62	15.60
CH 062	5310	17.06										
CH 102	5510	18.02	CH 134	18.37	18.35	18.37	18.33	17.92	17.90	17.91	18.12	14.16
CH 110	5550	18.20										
CH 134	5670	**18.39**										
CH 142*	5710	18.03										

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT80 RF Output Power (dBm)											
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index							
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
CH 042	5210	**16.67**	CH 042	16.66	16.58	16.65	16.58	16.66	16.48	16.52	16.55	11.83
CH 058	5290	**14.11**	CH 058	14.08	13.99	14.05	14.09	13.93	14.09	13.92	13.81	9.25
CH 106	5530	16.71	CH 122	18.12	18.20	18.24	18.32	18.20	18.03	18.05	18.15	13.64
CH 122	5610	**18.49**										
CH 138*	5690	18.44										

Note: The above Frequency and Channel in "*" were straddle Channel.

<TXBF Mode>

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802.11ac VHT20 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
CH 036	5180	19.77	CH 048	19.84	19.59	19.47	19.65	19.56	19.38	19.26	15.53
CH 044	5220	19.67									
CH 048	5240	**19.87**									
CH 052	5260	**19.96**	CH 052	19.95	19.57	19.34	19.52	19.43	19.26	19.13	15.40
CH 060	5300	19.67									
CH 064	5320	19.86									
CH 100	5500	**18.42**	CH 100	18.26	18.00	17.83	17.65	17.63	17.47	17.33	13.76
CH 116	5580	18.17									
CH 140	5700	18.00									
CH 144*	5720	18.03									

Note: The above Frequency and Channel in "*" were straddle Channel.

802.11ac VHT40 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
CH 038	5190	19.31	CH 046	19.54	19.52	19.74	19.64	19.54	19.71	19.77	19.80	15.66
CH 046	5230	**19.82**										
CH 054	5270	**19.81**	CH 054	19.16	19.60	19.70	19.81	19.77	19.61	19.80	19.48	15.44
CH 062	5310	17.37										
CH 102	5510	17.86	CH 110	17.93	18.31	18.41	18.47	18.47	18.27	18.44	18.17	14.13
CH 110	5550	**18.50**										
CH 134	5670	18.00										
CH 142*	5710	18.10										

Note: The above Frequency and Channel in "*" were straddle Channel.

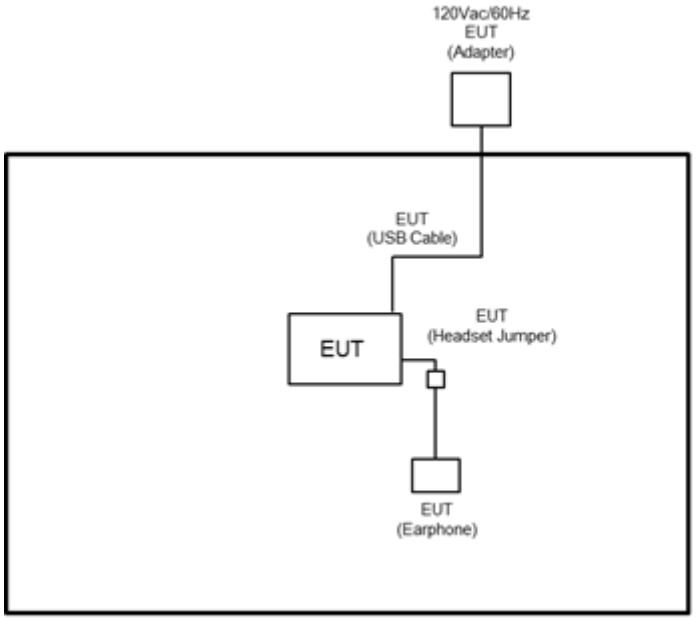
802.11ac VHT80 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	MCS Index	Channel	MCS Index							
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
CH 042	5210	**18.46**	CH 042	18.31	18.26	18.23	18.30	17.96	18.35	18.20	18.28	13.50
CH 058	5290	**17.31**	CH 058	17.26	17.26	17.23	17.30	16.96	17.24	17.20	17.28	12.50
CH 106	5530	17.32	CH 122	18.07	18.07	17.91	17.94	17.70	17.90	17.76	17.87	13.38
CH 122	5610	**18.24**										
CH 138*	5690	18.20										

Note: The above Frequency and Channel in "*" were straddle Channel.

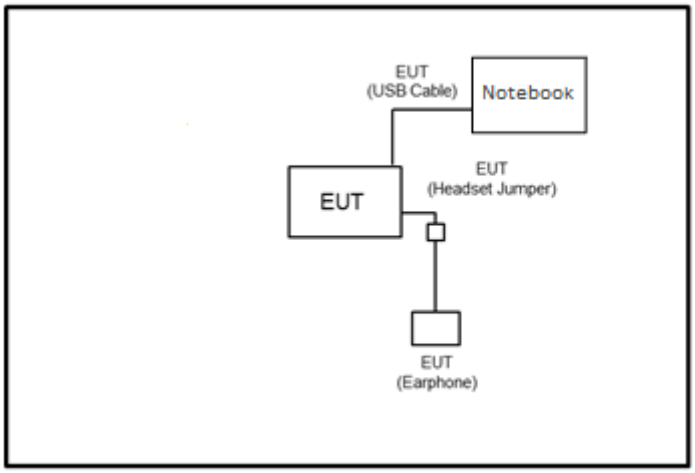
2.3 Connection Diagram of Test System

<WLAN Tx Mode>

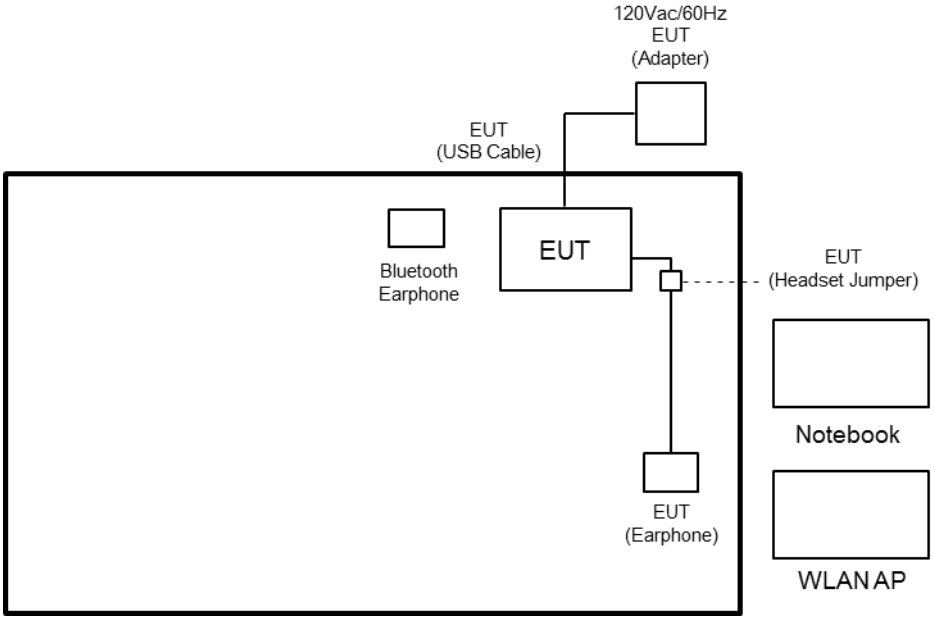
<CDD Mode>



<TXBF Mode>



<AC Conducted Emission Mode>



2.4 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8m
3.	Notebook	DELL	P20G	FCC DoC/ Contains FCC ID: QDS-BRCM1051	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m
4.	Notebook-01	Lenovo	E335	N/A	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m
5.	Notebook-40	Lenovo	E335	N/A	N/A	AC I/P: Unshielded, 1.2m DC O/P: Shielded, 1.8m
6.	SD Card	SanDisk	MicroSD HC	FCC DoC	N/A	N/A

2.5 EUT Operation Test Setup

The RF test items, utility “QRCT” was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

For TXBF mode, the modulation modes and data rates manipulated by the command lines in the engineering program made the EUT link to another EUT by power under the normal operation. The “ADB” software tool was used to enable the EUT to transmit signals continuously.

2.6 Measurement Results Explanation Example

For all conducted test items:

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

Example :

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

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 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 & 99% Occupied Bandwidth Measurement

3.1.1 Description of 26dB & 99% Occupied Bandwidth

This section is for reporting purpose only.

There is no restriction limits for bandwidth.

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

3.1.2 Measuring Instruments

See list of measuring equipment of this test report.

3.1.3 Test Procedures

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

3.1.4 Test Setup

3.1.5 Test Result of 26dB & 99% Occupied Bandwidth

<CDD Mode>

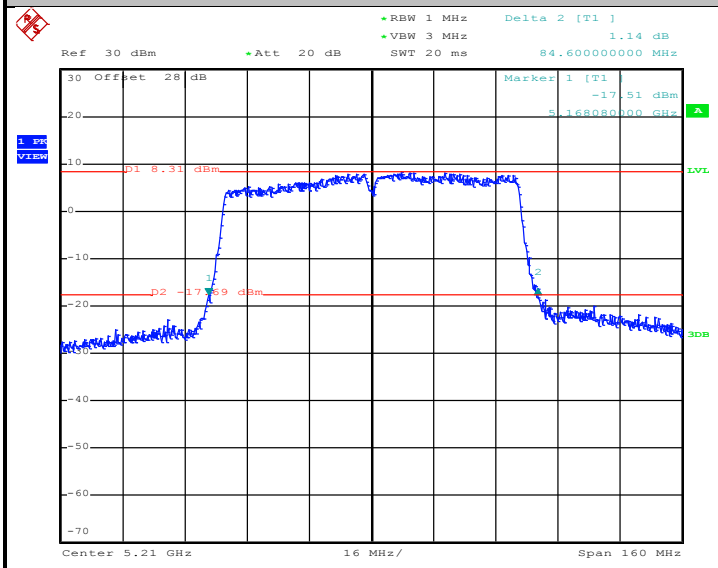
Test Engineer :	Derek Hsu, Shiming Liu, and Jeremy Lin	Temperature :	21~25℃
		Relative Humidity :	51~54%

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)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	36	5180	17.05	17.00	28.15	26.15	-		22.32	22.30
11a	6Mbps	1	44	5220	17.20	17.05	28.75	27.55	-		22.36	22.32
11a	6Mbps	1	48	5240	17.65	17.00	29.45	26.30	-		22.47	22.30
HT20	MCS0	1	36	5180	18.45	18.15	30.40	27.35	-		22.66	22.59
HT20	MCS0	1	44	5220	18.95	18.15	28.85	27.95	-		22.78	22.59
HT20	MCS0	1	48	5240	20.20	18.00	35.25	27.05	-		23.01	22.55
HT40	MCS0	1	38	5190	36.60	36.70	42.36	42.24	-		23.01	23.01
HT40	MCS0	1	46	5230	37.00	36.60	53.28	42.48	-		23.01	23.01
VHT80	MCS0	1	42	5210	**76.92**	**76.92**	**84.60**	84.30	-		23.01	23.01
11a	6Mbps	2	36	5180	17.00	17.05	27.05	25.40	-		22.30	
11a	6Mbps	2	44	5220	17.00	16.90	25.60	26.45	-		22.28	
11a	6Mbps	2	48	5240	17.20	16.90	28.95	25.35	-		22.28	
HT20	MCS0	2	36	5180	18.10	18.00	26.25	28.90	-		22.55	
HT20	MCS0	2	44	5220	18.10	18.05	30.25	28.10	-		22.56	
HT20	MCS0	2	48	5240	18.45	18.15	31.80	28.20	-		22.59	
HT40	MCS0	2	38	5190	36.60	36.50	42.41	42.30	-		23.01	
HT40	MCS0	2	46	5230	36.80	36.60	42.30	42.48	-		23.01	
VHT80	MCS0	2	42	5210	**76.92**	76.80	83.20	83.01	-		23.01	

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)	
					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	17.70	16.90	27.60	26.70	23.48	23.28	29.48	29.28	23.98	23.98
11a	6Mbps	1	60	5300	17.60	16.95	30.50	26.35	23.46	23.29	29.46	29.29	23.98	23.98
11a	6Mbps	1	64	5320	17.90	17.00	27.80	27.85	23.53	23.30	29.53	29.30	23.98	23.98
HT20	MCS0	1	52	5260	19.90	18.00	28.70	27.15	23.98	23.55	29.99	29.55	23.98	23.98
HT20	MCS0	1	60	5300	20.05	18.10	35.15	27.85	23.98	23.58	30.00	29.58	23.98	23.98
HT20	MCS0	1	64	5320	20.30	18.10	36.95	28.00	23.98	23.58	30.00	29.58	23.98	23.98
HT40	MCS0	1	54	5270	36.80	36.80	46.85	42.66	23.98	23.98	30.00	30.00	23.98	23.98
HT40	MCS0	1	62	5310	36.60	36.60	42.30	42.30	23.98	23.98	30.00	30.00	23.98	23.98
VHT80	MCS0	1	58	5290	76.80	76.92	**84.48**	83.52	23.98	23.98	30.00	30.00	23.98	23.98
11a	6Mbps	2	52	5260	17.25	16.80	27.95	25.75	23.25		29.25		23.98	
11a	6Mbps	2	60	5300	17.10	16.75	27.65	25.95	23.24		29.24		23.98	
11a	6Mbps	2	64	5320	17.15	16.85	28.30	25.35	23.27		29.27		23.98	
HT20	MCS0	2	52	5260	18.45	18.00	29.45	26.40	23.55		29.55		23.98	
HT20	MCS0	2	60	5300	18.40	17.95	31.65	26.20	23.54		29.54		23.98	
HT20	MCS0	2	64	5320	18.00	17.95	32.05	27.10	23.54		29.54		23.98	
HT40	MCS0	2	54	5270	36.90	36.80	55.37	42.30	23.98		30.00		23.98	
HT40	MCS0	2	62	5310	36.60	36.60	42.30	41.94	23.98		30.00		23.98	
VHT80	MCS0	2	58	5290	76.92	**77.04**	83.50	83.84	23.98		30.00		23.98	

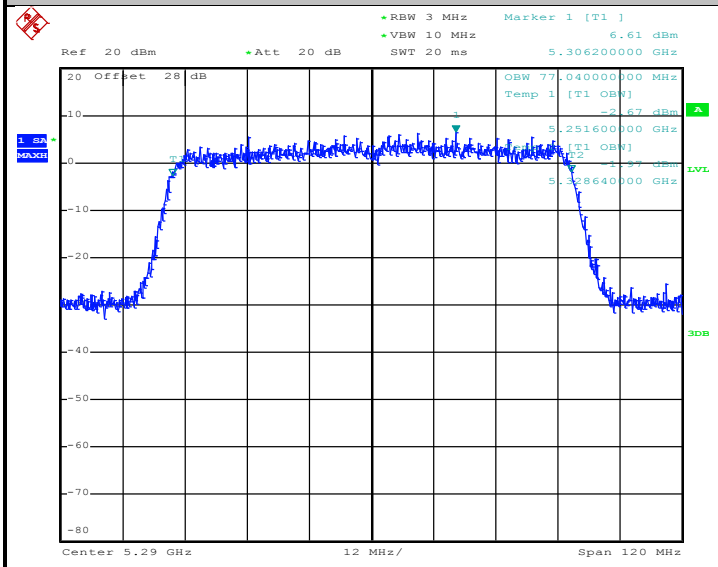
Band III																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	100	5500	16.85	16.95	25.35	25.40	23.27	23.29	29.27	29.29	23.98	23.98	----	----
11a	6Mbps	1	116	5580	16.85	16.75	25.40	26.20	23.27	23.24	29.27	29.24	23.98	23.98	----	----
11a	6Mbps	1	140	5700	16.75	17.05	25.10	27.00	23.24	23.32	29.24	29.32	23.98	23.98	----	----
11a	6Mbps	1	144	5720	13.40	13.60	17.60	19.15	22.27	22.34	28.27	28.34	23.46	23.82	2.85	2.85
HT20	MCS0	1	100	5500	18.00	18.05	26.75	27.50	23.55	23.56	29.55	29.56	23.98	23.98	----	----
HT20	MCS0	1	116	5580	18.00	17.95	26.70	26.85	23.55	23.54	29.55	29.54	23.98	23.98	----	----
HT20	MCS0	1	140	5700	17.95	18.15	26.70	27.55	23.54	23.59	29.54	29.59	23.98	23.98	----	----
HT20	MCS0	1	144	5720	14.00	14.05	18.25	18.85	22.46	22.48	28.46	28.48	23.61	23.75	3.15	3.35
HT40	MCS0	1	102	5510	36.60	36.60	42.06	42.59	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	110	5550	36.50	36.50	42.30	42.41	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	134	5670	36.60	36.70	42.30	42.79	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	142	5710	33.40	33.30	36.15	36.24	23.98	23.98	30.00	30.00	23.98	23.98	2.76	3.14
VHT80	MCS0	1	106	5530	76.92	76.80	83.54	83.80	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	122	5610	**77.04**	76.80	**84.02**	83.92	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	138	5690	73.64	73.40	77.56	76.76	23.98	23.98	30.00	30.00	23.98	23.98	2.6	2.6
11a	6Mbps	2	100	5500	16.90	16.70	25.85	24.85	23.23		29.23		23.98		----	----
11a	6Mbps	2	116	5580	16.75	16.75	26.00	24.60	23.24		29.24		23.98		----	----
11a	6Mbps	2	140	5700	16.85	16.80	25.35	25.20	23.25		29.25		23.98		----	----
11a	6Mbps	2	144	5720	13.40	13.40	17.35	17.15	22.27		28.27		23.34		2.5	2.75
HT20	MCS0	2	100	5500	17.90	17.95	25.45	26.10	23.53		29.53		23.98		----	----
HT20	MCS0	2	116	5580	18.00	17.85	27.40	25.75	23.52		29.52		23.98		----	----
HT20	MCS0	2	140	5700	17.90	18.00	25.90	26.00	23.53		29.53		23.98		----	----
HT20	MCS0	2	144	5720	13.95	14.00	17.75	17.80	22.45		28.45		23.49		2.55	2.55
HT40	MCS0	2	102	5510	36.50	36.60	42.24	42.12	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	36.60	36.60	42.38	42.11	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	36.60	36.70	42.16	42.30	23.98		30.00		23.98		----	----
HT40	MCS0	2	142	5710	33.30	33.20	36.15	36.15	23.98		30.00		23.98		2.54	2.82
VHT80	MCS0	2	106	5530	76.80	76.68	83.76	82.44	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	76.92	76.68	83.89	83.20	23.98		30.00		23.98		----	----
VHT80	MCS0	2	138	5690	73.64	73.40	77.08	76.44	23.98		30.00		23.98		2.6	2.6

Maximum 26dB Bandwidth



Date: 23.SEP.2018 02:47:44

Maximum 99% Occupied Bandwidth



Date: 23.SEP.2018 04:00:31

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

<TXBF Mode>

Test Engineer :	Derek Hsu, Shiming Liu, and Jeremy Lin	Temperature :	21~25℃
		Relative Humidity :	51~54%

Band I

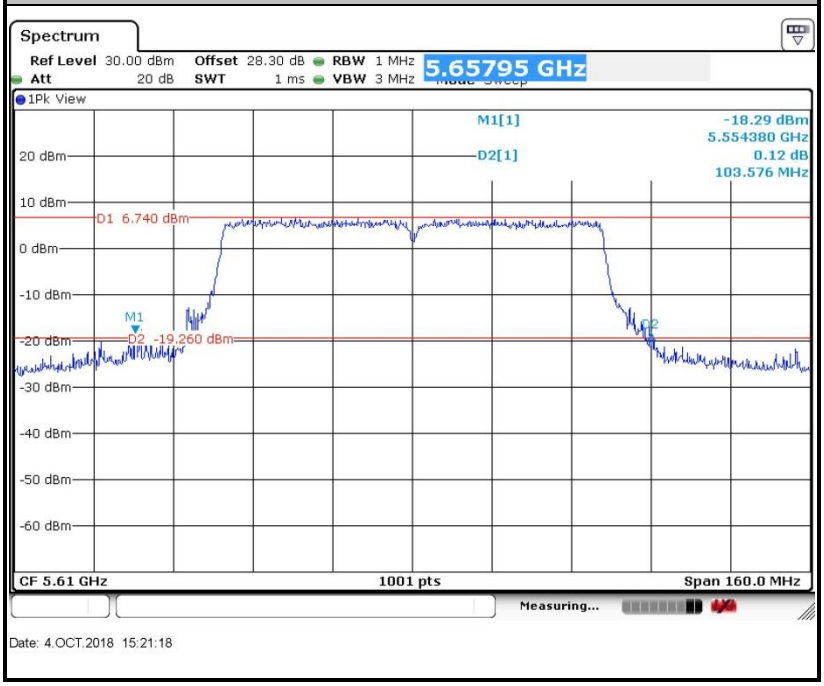
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
VHT20	MCS0	2	36	5180	18.03	18.03	32.92	28.97	-		22.56	
VHT20	MCS0	2	44	5220	18.13	18.03	35.36	29.82	-		22.56	
VHT20	MCS0	2	48	5240	18.18	18.08	34.07	28.17	-		22.57	
VHT40	MCS0	2	38	5190	37.56	37.26	46.39	46.57	-		23.01	
VHT40	MCS0	2	46	5230	37.76	37.76	46.75	45.67	-		23.01	
VHT80	MCS0	2	42	5210	77.08	**77.44**	83.76	**85.35**	-		23.01	

Band II

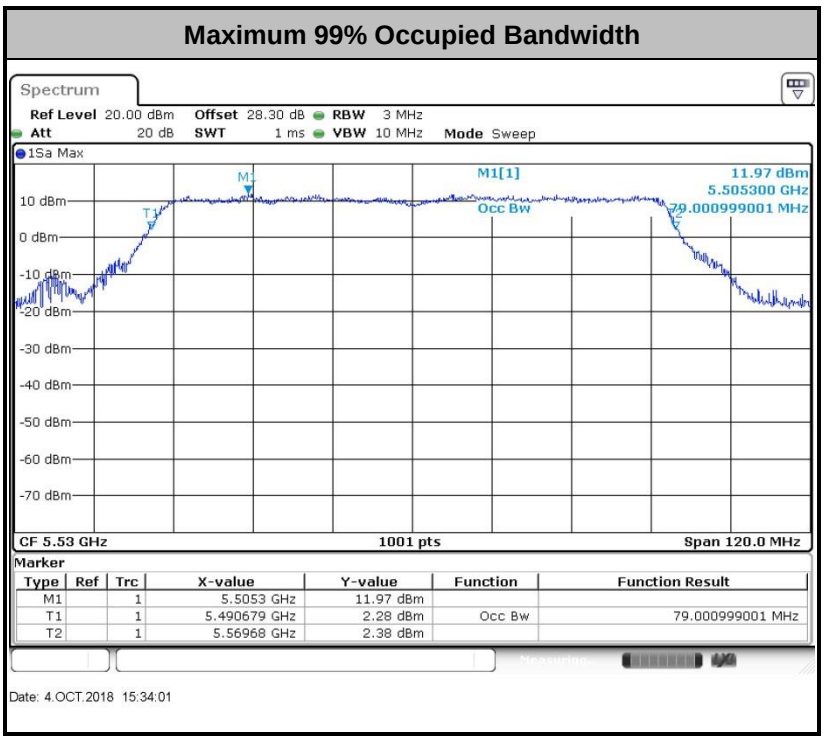
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
VHT20	MCS0	2	52	5260	18.18	18.08	36.16	31.52	23.57		29.57		23.98	
VHT20	MCS0	2	60	5300	18.18	18.03	32.37	29.07	23.56		29.56		23.98	
VHT20	MCS0	2	64	5320	18.13	18.03	32.87	30.32	23.56		29.56		23.98	
VHT40	MCS0	2	54	5270	37.76	37.66	55.11	51.70	23.98		30.00		23.98	
VHT40	MCS0	2	62	5310	37.36	37.26	46.03	45.67	23.98		30.00		23.98	
VHT80	MCS0	2	58	5290	**77.92**	77.68	**93.83**	93.51	23.98		30.00		23.98	

Band III																	
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth In U-NII 2C (MHz)		26 dB Bandwidth In U-NII 2C (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)		6 dB Bandwidth for Straddle Channel (MHz)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
VHT20	MCS0	2	100	5500	17.98	17.98	27.07	24.78	23.55		29.55		23.98		----	----
VHT20	MCS0	2	116	5580	18.03	17.88	25.27	24.78	23.52		29.52		23.98		----	----
VHT20	MCS0	2	140	5700	18.08	17.98	25.42	24.98	23.55		29.55		23.98		----	----
VHT20	MCS0	2	144	5720	14.04	13.99	17.54	17.34	22.46		28.46		23.39		3.84	3.84
VHT40	MCS0	2	102	5510	37.16	37.46	47.11	46.30	23.98		30.00		23.98		----	----
VHT40	MCS0	2	110	5550	37.36	37.36	46.57	45.40	23.98		30.00		23.98		----	----
VHT40	MCS0	2	134	5670	37.56	37.36	46.21	46.93	23.98		30.00		23.98		----	----
VHT40	MCS0	2	142	5710	33.68	33.58	38.29	37.30	23.98		30.00		23.98		3.222	3.222
VHT80	MCS0	2	106	5530	**79.00**	77.68	102.94	86.31	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	78.40	77.80	**103.58**	89.51	23.98		30.00		23.98		----	----
VHT80	MCS0	2	138	5690	74.08	73.72	89.67	81.19	23.98		30.00		23.98		3.2	3.2

Maximum 26dB Bandwidth



Maximum 99% Occupied Bandwidth



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

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

■ 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 an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

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

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

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

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

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

3.2.3 Test Procedures

<CDD Modes>

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

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

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

<TXBF Modes>

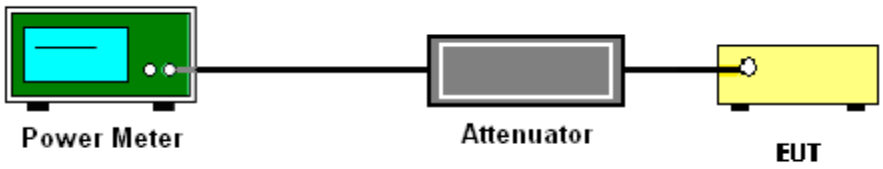
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01 for TXBF modes.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

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

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

<CDD Mode>

Test Engineer :	Derek Hsu, Shiming Liu, and Jeremy Lin	Temperature :	21~25℃
		Relative Humidity :	51~54%

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	0.23	0.23	18.20	17.43		24.00	24.00	2.10	2.30	Pass
11a	6Mbps	1	44	5220	0.23	0.23	18.13	17.34		24.00	24.00	2.10	2.30	Pass
11a	6Mbps	1	48	5240	0.23	0.23	18.03	17.22		24.00	24.00	2.10	2.30	Pass
HT20	MCS0	1	36	5180	0.22	0.25	18.38	17.38		24.00	24.00	2.10	2.30	Pass
HT20	MCS0	1	44	5220	0.22	0.25	18.46	17.42		24.00	24.00	2.10	2.30	Pass
HT20	MCS0	1	48	5240	0.22	0.25	18.32	17.21		24.00	24.00	2.10	2.30	Pass
HT40	MCS0	1	38	5190	0.42	0.42	16.87	16.17		24.00	24.00	2.10	2.30	Pass
HT40	MCS0	1	46	5230	0.42	0.42	18.22	17.39		24.00	24.00	2.10	2.30	Pass
VHT20	MCS0	1	36	5180	0.25	0.23	18.35	17.33		24.00	24.00	2.10	2.30	Pass
VHT20	MCS0	1	44	5220	0.25	0.23	18.40	17.37		24.00	24.00	2.10	2.30	Pass
VHT20	MCS0	1	48	5240	0.25	0.23	18.30	17.15		24.00	24.00	2.10	2.30	Pass
VHT40	MCS0	1	38	5190	0.42	0.45	16.84	16.13		24.00	24.00	2.10	2.30	Pass
VHT40	MCS0	1	46	5230	0.42	0.45	18.18	17.32		24.00	24.00	2.10	2.30	Pass
VHT80	MCS0	1	42	5210	0.61	0.65	16.99	16.55		24.00	24.00	2.10	2.30	Pass
11a	6Mbps	2	36	5180	0.21	0.21	17.02	16.83	19.93	24.00		2.30		Pass
11a	6Mbps	2	44	5220	0.21	0.21	16.86	16.43	19.66	24.00		2.30		Pass
11a	6Mbps	2	48	5240	0.21	0.21	16.81	16.17	19.51	24.00		2.30		Pass
HT20	MCS0	2	36	5180	0.23	0.25	16.86	16.84	19.86	24.00		2.30		Pass
HT20	MCS0	2	44	5220	0.23	0.25	16.87	16.46	19.68	24.00		2.30		Pass
HT20	MCS0	2	48	5240	0.23	0.25	17.23	16.50	19.89	24.00		2.30		Pass
HT40	MCS0	2	38	5190	0.40	0.51	16.30	16.47	19.40	24.00		2.30		Pass
HT40	MCS0	2	46	5230	0.40	0.51	17.20	16.69	**19.96**	24.00		2.30		Pass
VHT20	MCS0	2	36	5180	0.27	0.25	16.82	16.80	19.82	24.00		2.30		Pass
VHT20	MCS0	2	44	5220	0.27	0.25	16.83	16.43	19.64	24.00		2.30		Pass
VHT20	MCS0	2	48	5240	0.27	0.25	17.17	16.47	19.84	24.00		2.30		Pass
VHT40	MCS0	2	38	5190	0.50	0.45	16.28	16.36	19.33	24.00		2.30		Pass
VHT40	MCS0	2	46	5230	0.50	0.45	17.18	16.57	19.90	24.00		2.30		Pass
VHT80	MCS0	2	42	5210	0.62	0.62	14.16	13.09	16.67	24.00		2.30		Pass

FCC Band II															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	52	5260	0.23	0.23	17.63	17.82		23.98	23.98	1.90	1.70	30	Pass
11a	6Mbps	1	60	5300	0.23	0.23	17.67	17.97		23.98	23.98	1.90	1.70	30	Pass
11a	6Mbps	1	64	5320	0.23	0.23	17.64	17.77		23.98	23.98	1.90	1.70	30	Pass
HT20	MCS0	1	52	5260	0.22	0.25	17.87	17.53		23.98	23.98	1.90	1.70	30	Pass
HT20	MCS0	1	60	5300	0.22	0.25	17.97	17.54		23.98	23.98	1.90	1.70	30	Pass
HT20	MCS0	1	64	5320	0.22	0.25	17.96	17.89		23.98	23.98	1.90	1.70	30	Pass
HT40	MCS0	1	54	5270	0.42	0.42	17.79	17.97		23.98	23.98	1.90	1.70	30	Pass
HT40	MCS0	1	62	5310	0.42	0.42	15.07	14.40		23.98	23.98	1.90	1.70	30	Pass
VHT20	MCS0	1	52	5260	0.25	0.23	17.86	17.45		23.98	23.98	1.90	1.70	30	Pass
VHT20	MCS0	1	60	5300	0.25	0.23	17.95	17.48		23.98	23.98	1.90	1.70	30	Pass
VHT20	MCS0	1	64	5320	0.25	0.23	17.90	17.81		23.98	23.98	1.90	1.70	30	Pass
VHT40	MCS0	1	54	5270	0.42	0.45	17.74	17.94		23.98	23.98	1.90	1.70	30	Pass
VHT40	MCS0	1	62	5310	0.42	0.45	15.05	14.35		23.98	23.98	1.90	1.70	30	Pass
VHT80	MCS0	1	58	5290	0.61	0.65	13.91	13.40		23.98	23.98	1.90	1.70	30	Pass
11a	6Mbps	2	52	5260	0.21	0.21	17.02	16.17	19.62	23.98		1.90		30	Pass
11a	6Mbps	2	60	5300	0.21	0.21	17.07	16.23	19.68	23.98		1.90		30	Pass
11a	6Mbps	2	64	5320	0.21	0.21	17.02	16.77	**19.91**	23.98		1.90		30	Pass
HT20	MCS0	2	52	5260	0.23	0.25	17.00	16.27	19.66	23.98		1.90		30	Pass
HT20	MCS0	2	60	5300	0.23	0.25	17.08	16.12	19.63	23.98		1.90		30	Pass
HT20	MCS0	2	64	5320	0.23	0.25	16.81	16.80	19.81	23.98		1.90		30	Pass
HT40	MCS0	2	54	5270	0.40	0.51	17.22	16.42	19.85	23.98		1.90		30	Pass
HT40	MCS0	2	62	5310	0.40	0.51	14.30	13.96	17.14	23.98		1.90		30	Pass
VHT20	MCS0	2	52	5260	0.27	0.25	16.97	16.25	19.63	23.98		1.90		30	Pass
VHT20	MCS0	2	60	5300	0.27	0.25	17.05	16.07	19.60	23.98		1.90		30	Pass
VHT20	MCS0	2	64	5320	0.27	0.25	16.76	16.77	19.77	23.98		1.90		30	Pass
VHT40	MCS0	2	54	5270	0.50	0.45	17.13	16.30	19.74	23.98		1.90		30	Pass
VHT40	MCS0	2	62	5310	0.50	0.45	14.23	13.86	17.06	23.98		1.90		30	Pass
VHT80	MCS0	2	58	5290	0.62	0.62	11.52	10.62	14.11	23.98		1.90		30	Pass

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	1	100	5500	0.23	0.23	15.53	17.90		23.98	23.98	2.10	2.90	30	Pass
11a	6Mbps	1	116	5580	0.23	0.23	15.64	17.72		23.98	23.98	2.10	2.90	30	Pass
11a	6Mbps	1	140	5700	0.23	0.23	15.67	17.52		23.98	23.98	2.10	2.90	30	Pass
11a	6Mbps	1	144	5720	0.23	0.23	15.70	17.62		23.46	23.82	2.10	2.90	30	Pass
HT20	MCS0	1	100	5500	0.22	0.25	15.69	17.86		23.98	23.98	2.10	2.90	30	Pass
HT20	MCS0	1	116	5580	0.22	0.25	15.64	17.76		23.98	23.98	2.10	2.90	30	Pass
HT20	MCS0	1	140	5700	0.22	0.25	15.58	17.65		23.98	23.98	2.10	2.90	30	Pass
HT20	MCS0	1	144	5720	0.22	0.25	15.59	17.74		23.61	23.75	2.10	2.90	30	Pass
HT40	MCS0	1	102	5510	0.42	0.42	15.61	17.00		23.98	23.98	2.10	2.90	30	Pass
HT40	MCS0	1	110	5550	0.42	0.42	15.60	17.93		23.98	23.98	2.10	2.90	30	Pass
HT40	MCS0	1	134	5670	0.42	0.42	15.89	17.97		23.98	23.98	2.10	2.90	30	Pass
HT40	MCS0	1	142	5710	0.42	0.42	15.84	17.94		23.98	23.98	2.10	2.90	30	Pass
VHT20	MCS0	1	100	5500	0.25	0.23	15.65	17.81		23.98	23.98	2.10	2.90	30	Pass
VHT20	MCS0	1	116	5580	0.25	0.23	15.61	17.69		23.98	23.98	2.10	2.90	30	Pass
VHT20	MCS0	1	140	5700	0.25	0.23	15.57	17.60		23.98	23.98	2.10	2.90	30	Pass
VHT20	MCS0	1	144	5720	0.25	0.23	15.56	17.70		23.61	23.75	2.10	2.90	30	Pass
VHT40	MCS0	1	102	5510	0.42	0.45	15.55	16.92		23.98	23.98	2.10	2.90	30	Pass
VHT40	MCS0	1	110	5550	0.42	0.45	15.52	17.87		23.98	23.98	2.10	2.90	30	Pass
VHT40	MCS0	1	134	5670	0.42	0.45	15.84	17.95		23.98	23.98	2.10	2.90	30	Pass
VHT40	MCS0	1	142	5710	0.42	0.45	15.82	17.92		23.98	23.98	2.10	2.90	30	Pass
VHT80	MCS0	1	106	5530	0.61	0.65	14.15	16.95		23.98	23.98	2.10	2.90	30	Pass
VHT80	MCS0	1	122	5610	0.61	0.65	15.82	17.77		23.98	23.98	2.10	2.90	30	Pass
VHT80	MCS0	1	138	5690	0.61	0.65	15.79	17.67		23.98	23.98	2.10	2.90	30	Pass

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	0.21	0.21	15.33	15.55	18.45	23.98		2.90		30	Pass
11a	6Mbps	2	116	5580	0.21	0.21	15.42	15.48	18.46	23.98		2.90		30	Pass
11a	6Mbps	2	140	5700	0.21	0.21	15.12	15.66	18.41	23.98		2.90		30	Pass
11a	6Mbps	2	144	5720	0.21	0.21	15.21	15.71	18.48	23.34		2.90		30	Pass
HT20	MCS0	2	100	5500	0.23	0.25	15.21	15.62	18.43	23.98		2.90		30	Pass
HT20	MCS0	2	116	5580	0.23	0.25	15.15	15.55	18.36	23.98		2.90		30	Pass
HT20	MCS0	2	140	5700	0.23	0.25	14.97	15.32	18.15	23.98		2.90		30	Pass
HT20	MCS0	2	144	5720	0.23	0.25	15.00	15.28	18.15	23.49		2.90		30	Pass
HT40	MCS0	2	102	5510	0.40	0.51	15.09	15.06	18.09	23.98		2.90		30	Pass
HT40	MCS0	2	110	5550	0.40	0.51	14.93	15.62	18.30	23.98		2.90		30	Pass
HT40	MCS0	2	134	5670	0.40	0.51	15.35	15.61	**18.49**	23.98		2.90		30	Pass
HT40	MCS0	2	142	5710	0.40	0.51	14.94	15.21	18.09	23.98		2.90		30	Pass
VHT20	MCS0	2	100	5500	0.27	0.25	15.15	15.60	18.39	23.98		2.90		30	Pass
VHT20	MCS0	2	116	5580	0.27	0.25	15.12	15.51	18.33	23.98		2.90		30	Pass
VHT20	MCS0	2	140	5700	0.27	0.25	14.95	15.30	18.14	23.98		2.90		30	Pass
VHT20	MCS0	2	144	5720	0.27	0.25	14.97	15.25	18.12	23.49		2.90		30	Pass
VHT40	MCS0	2	102	5510	0.50	0.45	15.06	14.95	18.02	23.98		2.90		30	Pass
VHT40	MCS0	2	110	5550	0.50	0.45	14.90	15.46	18.20	23.98		2.90		30	Pass
VHT40	MCS0	2	134	5670	0.50	0.45	15.33	15.42	18.39	23.98		2.90		30	Pass
VHT40	MCS0	2	142	5710	0.50	0.45	14.93	15.11	18.03	23.98		2.90		30	Pass
VHT80	MCS0	2	106	5530	0.62	0.62	13.52	13.87	16.71	23.98		2.90		30	Pass
VHT80	MCS0	2	122	5610	0.62	0.62	15.32	15.63	18.49	23.98		2.90		30	Pass
VHT80	MCS0	2	138	5690	0.62	0.62	15.29	15.56	18.44	23.98		2.90		30	Pass

<TXBF Mode>

Test Engineer :	Derek Hsu, Shiming Liu, and Jeremy Lin	Temperature :	21~25℃
		Relative Humidity :	51~54%

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	
VHT20	MCS0	2	36	5180	0.00	0.00	17.10	16.40	19.77	24.00		5.21		Pass
VHT20	MCS0	2	44	5220	0.00	0.00	16.90	16.40	19.67	24.00		5.21		Pass
VHT20	MCS0	2	48	5240	0.00	0.00	17.20	16.50	**19.87**	24.00		5.21		Pass
VHT40	MCS0	2	38	5190	0.00	0.00	16.40	16.20	19.31	24.00		5.21		Pass
VHT40	MCS0	2	46	5230	0.00	0.00	17.10	16.50	19.82	24.00		5.21		Pass
VHT80	MCS0	2	42	5210	0.00	0.00	15.50	15.40	18.46	24.00		5.21		Pass

FCC Band II

Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT20	MCS0	2	52	5260	0.00	0.00	17.00	16.90	**19.96**	23.98		4.81		26.99	Pass
VHT20	MCS0	2	60	5300	0.00	0.00	16.90	16.40	19.67	23.98		4.81		26.99	Pass
VHT20	MCS0	2	64	5320	0.00	0.00	17.00	16.70	19.86	23.98		4.81		26.99	Pass
VHT40	MCS0	2	54	5270	0.00	0.00	17.00	16.60	19.81	23.98		4.81		26.99	Pass
VHT40	MCS0	2	62	5310	0.00	0.00	14.60	14.10	17.37	23.98		4.81		26.99	Pass
VHT80	MCS0	2	58	5290	0.00	0.00	14.40	14.20	17.31	23.98		4.81		26.99	Pass

FCC Band III															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
VHT20	MCS0	2	100	5500	0.00	0.00	16.30	14.30	18.42	23.98		5.52		26.99	Pass
VHT20	MCS0	2	116	5580	0.00	0.00	16.20	13.80	18.17	23.98		5.52		26.99	Pass
VHT20	MCS0	2	140	5700	0.00	0.00	16.40	12.90	18.00	23.98		5.52		26.99	Pass
VHT20	MCS0	2	144	5720	0.00	0.00	16.30	13.20	18.03	23.39		5.52		26.99	Pass
VHT40	MCS0	2	102	5510	0.00	0.00	15.70	13.80	17.86	23.98		5.52		26.99	Pass
VHT40	MCS0	2	110	5550	0.00	0.00	16.30	14.50	**18.50**	23.98		5.52		26.99	Pass
VHT40	MCS0	2	134	5670	0.00	0.00	16.10	13.50	18.00	23.98		5.52		26.99	Pass
VHT40	MCS0	2	142	5710	0.00	0.00	16.20	13.60	18.10	23.98		5.52		26.99	Pass
VHT80	MCS0	2	106	5530	0.00	0.00	15.20	13.20	17.32	23.98		5.52		26.99	Pass
VHT80	MCS0	2	122	5610	0.00	0.00	16.30	13.80	18.24	23.98		5.52		26.99	Pass
VHT80	MCS0	2	138	5690	0.00	0.00	16.30	13.70	18.20	23.98		5.52		26.99	Pass

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1.0 MHz band.

For the 5.25–5.725 GHz bands:

The maximum power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

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

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

3.3.2 Measuring Instruments

See list of measuring equipment of this test report.

3.3.3 Test Procedures

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

Section F) Maximum power spectral density.

<CDD Modes>

 # Method SA-2 #

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

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

<TXBF Modes>

 # Method SA-3 #

(power averaging (rms) detection with max hold):

- 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 ≤ (number of points in sweep) × 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.
- Detector = power averaging (rms).
- Trace mode = max hold.
- Allow max hold to run for at least 60 seconds, or longer as needed to allow the trace to stabilize.

1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
   Method (a): Measure and sum the spectra across the outputs.
   The total final Power Spectral Density is from a device with 2 transmitter outputs. The spectrum measurements of the individual outputs are all performed with the same span and number of points; the spectrum value in the first spectral bin of output 1 is summed with that in the first spectral bin of output 2 to obtain the value for the first frequency bin of the summed spectrum.

3.3.4 Test Setup

3.3.5 Test Result of Power Spectral Density

<CDD Mode>

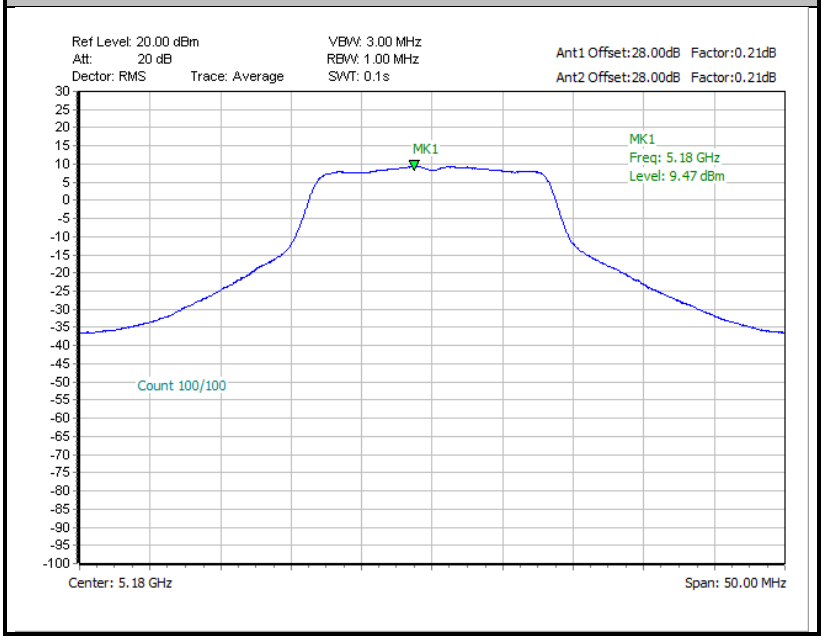
Test Engineer :	Derek Hsu, Shiming Liu, and Jeremy Lin	Temperature :	21~25℃
		Relative Humidity :	51~54%

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	0.23	0.23	7.60	7.05		11.00	11.00	2.10	2.30	Pass
11a	6Mbps	1	44	5220	0.23	0.23	7.40	7.14		11.00	11.00	2.10	2.30	Pass
11a	6Mbps	1	48	5240	0.23	0.23	7.53	6.58		11.00	11.00	2.10	2.30	Pass
HT20	MCS0	1	36	5180	0.22	0.25	7.35	6.48		11.00	11.00	2.10	2.30	Pass
HT20	MCS0	1	44	5220	0.22	0.25	7.40	6.53	-	11.00	11.00	2.10	2.30	Pass
HT20	MCS0	1	48	5240	0.22	0.25	7.41	6.26		11.00	11.00	2.10	2.30	Pass
HT40	MCS0	1	38	5190	0.42	0.42	3.19	2.56		11.00	11.00	2.10	2.30	Pass
HT40	MCS0	1	46	5230	0.42	0.42	4.94	3.82		11.00	11.00	2.10	2.30	Pass
VHT80	MCS0	1	42	5210	0.61	0.65	-0.72	-0.70		11.00	11.00	2.10	2.30	Pass
11a	6Mbps	2	36	5180	0.21	0.21			**9.47**	11.00		5.21		Pass
11a	6Mbps	2	44	5220	0.21	0.21			9.09	11.00		5.21		Pass
11a	6Mbps	2	48	5240	0.21	0.21			8.82	11.00		5.21		Pass
HT20	MCS0	2	36	5180	0.23	0.25			9.09	11.00		5.21		Pass
HT20	MCS0	2	44	5220	0.23	0.25		-	8.65	11.00		5.21		Pass
HT20	MCS0	2	48	5240	0.23	0.25			8.97	11.00		5.21		Pass
HT40	MCS0	2	38	5190	0.40	0.51			5.55	11.00		5.21		Pass
HT40	MCS0	2	46	5230	0.40	0.51			6.40	11.00		5.21		Pass
VHT80	MCS0	2	42	5210	0.62	0.62			-0.92	11.00		5.21		Pass

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	0.23	0.23	7.27	6.25		11.00	11.00	1.90	1.70	Pass
11a	6Mbps	1	60	5300	0.23	0.23	7.09	6.35		11.00	11.00	1.90	1.70	Pass
11a	6Mbps	1	64	5320	0.23	0.23	7.01	6.45		11.00	11.00	1.90	1.70	Pass
HT20	MCS0	1	52	5260	0.22	0.25	7.28	6.41		11.00	11.00	1.90	1.70	Pass
HT20	MCS0	1	60	5300	0.22	0.25	7.19	5.92	-	11.00	11.00	1.90	1.70	Pass
HT20	MCS0	1	64	5320	0.22	0.25	7.12	6.05		11.00	11.00	1.90	1.70	Pass
HT40	MCS0	1	54	5270	0.42	0.42	3.82	4.38		11.00	11.00	1.90	1.70	Pass
HT40	MCS0	1	62	5310	0.42	0.42	0.87	0.16		11.00	11.00	1.90	1.70	Pass
VHT80	MCS0	1	58	5290	0.61	0.65	-3.97	-4.80		11.00	11.00	1.90	1.70	Pass
11a	6Mbps	2	52	5260	0.21	0.21			**8.76**	11.00		4.81		Pass
11a	6Mbps	2	60	5300	0.21	0.21			8.37	11.00		4.81		Pass
11a	6Mbps	2	64	5320	0.21	0.21			8.42	11.00		4.81		Pass
HT20	MCS0	2	52	5260	0.23	0.25			8.74	11.00		4.81		Pass
HT20	MCS0	2	60	5300	0.23	0.25			8.47	11.00		4.81		Pass
HT20	MCS0	2	64	5320	0.23	0.25			8.40	11.00		4.81		Pass
HT40	MCS0	2	54	5270	0.40	0.51			6.50	11.00		4.81		Pass
HT40	MCS0	2	62	5310	0.40	0.51			3.00	11.00		4.81		Pass
VHT80	MCS0	2	58	5290	0.62	0.62			-3.28	11.00		4.81		Pass

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	0.23	0.23	6.20	7.77		11.00	11.00	2.10	2.90	Pass
11a	6Mbps	1	116	5580	0.23	0.23	6.59	8.04		11.00	11.00	2.10	2.90	Pass
11a	6Mbps	1	140	5700	0.23	0.23	5.68	7.08		11.00	11.00	2.10	2.90	Pass
11a	6Mbps	1	144	5720	0.23	0.23	5.32	7.39		11.00	11.00	2.10	2.90	Pass
HT20	MCS0	1	100	5500	0.22	0.25	5.82	7.72		11.00	11.00	2.10	2.90	Pass
HT20	MCS0	1	116	5580	0.22	0.25	6.31	7.94		11.00	11.00	2.10	2.90	Pass
HT20	MCS0	1	140	5700	0.22	0.25	5.30	7.26		11.00	11.00	2.10	2.90	Pass
HT20	MCS0	1	144	5720	0.22	0.25	5.54	7.20	-	11.00	11.00	2.10	2.90	Pass
HT40	MCS0	1	102	5510	0.42	0.42	3.17	4.27		11.00	11.00	2.10	2.90	Pass
HT40	MCS0	1	110	5550	0.42	0.42	3.49	5.47		11.00	11.00	2.10	2.90	Pass
HT40	MCS0	1	134	5670	0.42	0.42	2.88	4.52		11.00	11.00	2.10	2.90	Pass
HT40	MCS0	1	142	5710	0.42	0.42	2.75	4.22		11.00	11.00	2.10	2.90	Pass
VHT80	MCS0	1	106	5530	0.61	0.65	-2.58	0.54		11.00	11.00	2.10	2.90	Pass
VHT80	MCS0	1	122	5610	0.61	0.65	-1.16	0.64		11.00	11.00	2.10	2.90	Pass
VHT80	MCS0	1	138	5690	0.61	0.65	-1.56	0.09		11.00	11.00	2.10	2.90	Pass
11a	6Mbps	2	100	5500	0.21	0.21			8.93	11.00		5.52		Pass
11a	6Mbps	2	116	5580	0.21	0.21			**9.18**	11.00		5.52		Pass
11a	6Mbps	2	140	5700	0.21	0.21			8.01	11.00		5.52		Pass
11a	6Mbps	2	144	5720	0.21	0.21			8.30	11.00		5.52		Pass
HT20	MCS0	2	100	5500	0.23	0.25			8.66	11.00		5.52		Pass
HT20	MCS0	2	116	5580	0.23	0.25			8.69	11.00		5.52		Pass
HT20	MCS0	2	140	5700	0.23	0.25			7.99	11.00		5.52		Pass
HT20	MCS0	2	144	5720	0.23	0.25			8.07	11.00		5.52		Pass
HT40	MCS0	2	102	5510	0.40	0.51			4.85	11.00		5.52		Pass
HT40	MCS0	2	110	5550	0.40	0.51			5.45	11.00		5.52		Pass
HT40	MCS0	2	134	5670	0.40	0.51			4.58	11.00		5.52		Pass
HT40	MCS0	2	142	5710	0.40	0.51			3.63	11.00		5.52		Pass
VHT80	MCS0	2	106	5530	0.62	0.62			0.29	11.00		5.52		Pass
VHT80	MCS0	2	122	5610	0.62	0.62			1.84	11.00		5.52		Pass
VHT80	MCS0	2	138	5690	0.62	0.62			1.18	11.00		5.52		Pass

Worst Case Power Density (dBm/MHz)



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

<TXBF Mode>

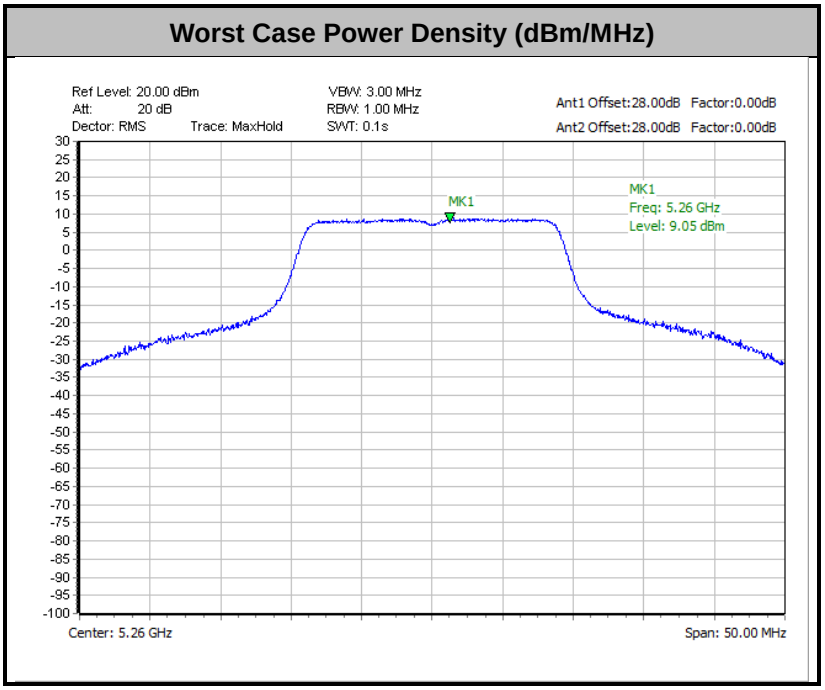
Test Engineer :	Derek Hsu, Shiming Liu, and Jeremy Lin	Temperature :	21~25℃
		Relative Humidity :	51~54%

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	
VHT20	MCS0	2	36	5180	0.00	0.00	-	-	8.31	11.00		5.21		Pass
VHT20	MCS0	2	44	5220	0.00	0.00			**8.52**	11.00		5.21		Pass
VHT20	MCS0	2	48	5240	0.00	0.00			8.31	11.00		5.21		Pass
VHT40	MCS0	2	38	5190	0.00	0.00			7.11	11.00		5.21		Pass
VHT40	MCS0	2	46	5230	0.00	0.00			5.94	11.00		5.21		Pass
VHT80	MCS0	2	42	5210	0.00	0.00			1.40	11.00		5.21		Pass

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	
VHT20	MCS0	2	52	5260	0.00	0.00	-	-	**9.05**	11.00		4.81		Pass
VHT20	MCS0	2	60	5300	0.00	0.00			8.72	11.00		4.81		Pass
VHT20	MCS0	2	64	5320	0.00	0.00			8.71	11.00		4.81		Pass
VHT40	MCS0	2	54	5270	0.00	0.00			5.56	11.00		4.81		Pass
VHT40	MCS0	2	62	5310	0.00	0.00			2.97	11.00		4.81		Pass
VHT80	MCS0	2	58	5290	0.00	0.00			0.54	11.00		4.81		Pass

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	
VHT20	MCS0	2	100	5500	0.00	0.00			6.55	11.00		5.52		Pass
VHT20	MCS0	2	116	5580	0.00	0.00			**6.64**	11.00		5.52		Pass
VHT20	MCS0	2	140	5700	0.00	0.00			5.92	11.00		5.52		Pass
VHT20	MCS0	2	144	5720	0.00	0.00			6.36	11.00		5.52		Pass
VHT40	MCS0	2	102	5510	0.00	0.00			3.59	11.00		5.52		Pass
VHT40	MCS0	2	110	5550	0.00	0.00	-		4.57	11.00		5.52		Pass
VHT40	MCS0	2	134	5670	0.00	0.00			3.29	11.00		5.52		Pass
VHT40	MCS0	2	142	5710	0.00	0.00			3.79	11.00		5.52		Pass
VHT80	MCS0	2	106	5530	0.00	0.00			0.70	11.00		5.52		Pass
VHT80	MCS0	2	122	5610	0.00	0.00			0.81	11.00		5.52		Pass
VHT80	MCS0	2	138	5690	0.00	0.00			1.03	11.00		5.52		Pass

Worst Case Power Density (dBm/MHz)



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

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

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

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

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)
- 27	68.3

(3) KDB789033 D02 v02r01 G)2)c)

(i) Section 15.407(b)(1) to (b)(3) specify the unwanted emission limits for the U-NII-1 and U-NII-2 bands. As specified, emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz.[3]

(ii) Section 15.407(b)(4) specifies the unwanted emission limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are in terms of a Peak detector. An alternative to the band emissions mask is specified in Section 15.407(b)(4)(ii). The alternative limits are based on the highest antenna gain specified in the filing. There are also marketing and importation restrictions for the devices using the alternative limit.[4]

Note 3: An out-of-band emission that complies with both the average and peak limits of Section 15.209 is not required to satisfy the -27 dBm/MHz peak emission limit.

Note 4: Only devices with antenna gains of 10 dBi or less may be approved using the emission limits specified in Section 15.247(d) till March 2, 2018; all other devices operating in this band must use the mask specified in Section 15.407(b)(4)(i).

3.4.2 Measuring Instruments

See list of measuring equipment of this test report.

3.4.3 Test Procedures

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

(1) Procedure for Unwanted Emissions Measurements Below 1000MHz

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

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

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

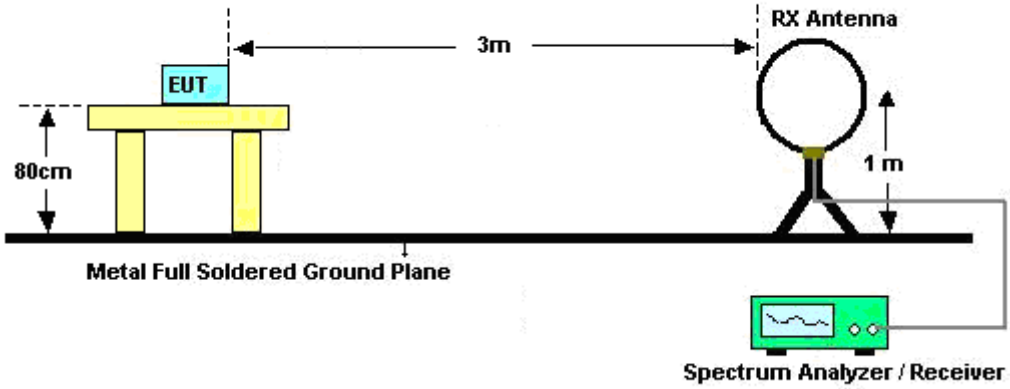
(3) Procedures for Average Unwanted Emissions Measurements Above 1000MHz

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

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

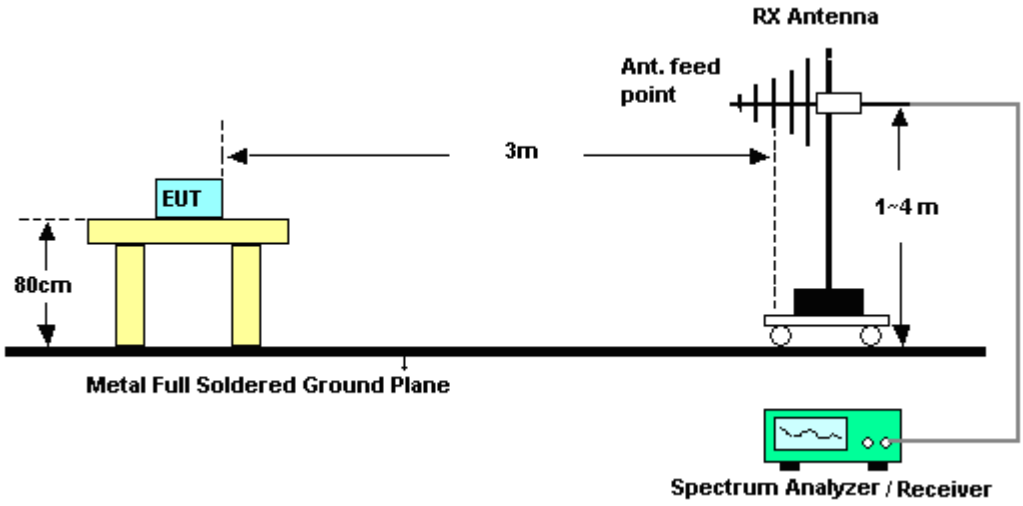
3.4.4 Test Setup

For radiated emissions below 30MHz

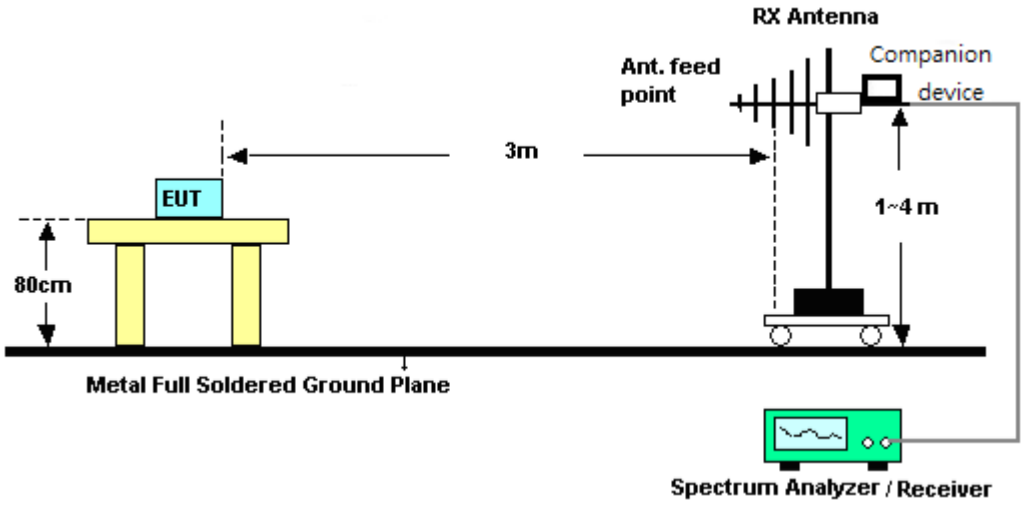


For radiated emissions from 30MHz to 1GHz

<CDD Mode>

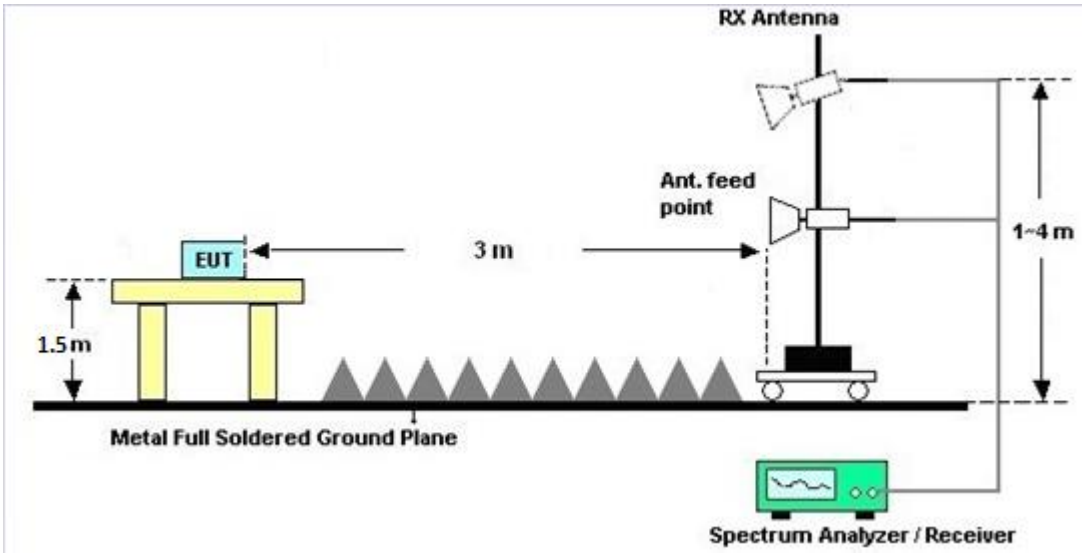


<TXBF Modes>

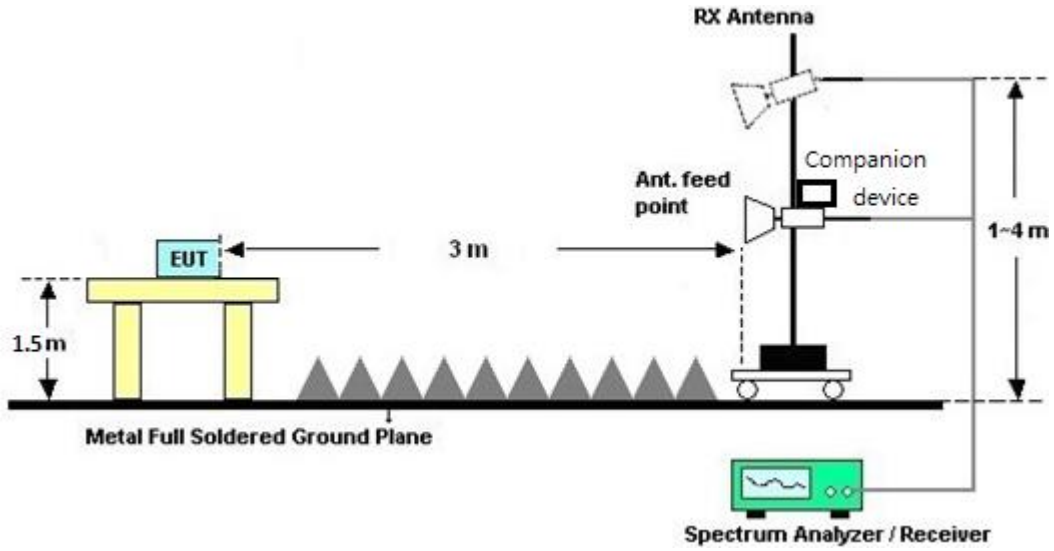


For radiated emissions above 1GHz

<CDD Mode>



<TXBF Modes>



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

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

There is a comparison data of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

3.4.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B and C.

3.4.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix B and C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

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

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

*Decreases with the logarithm of the frequency.

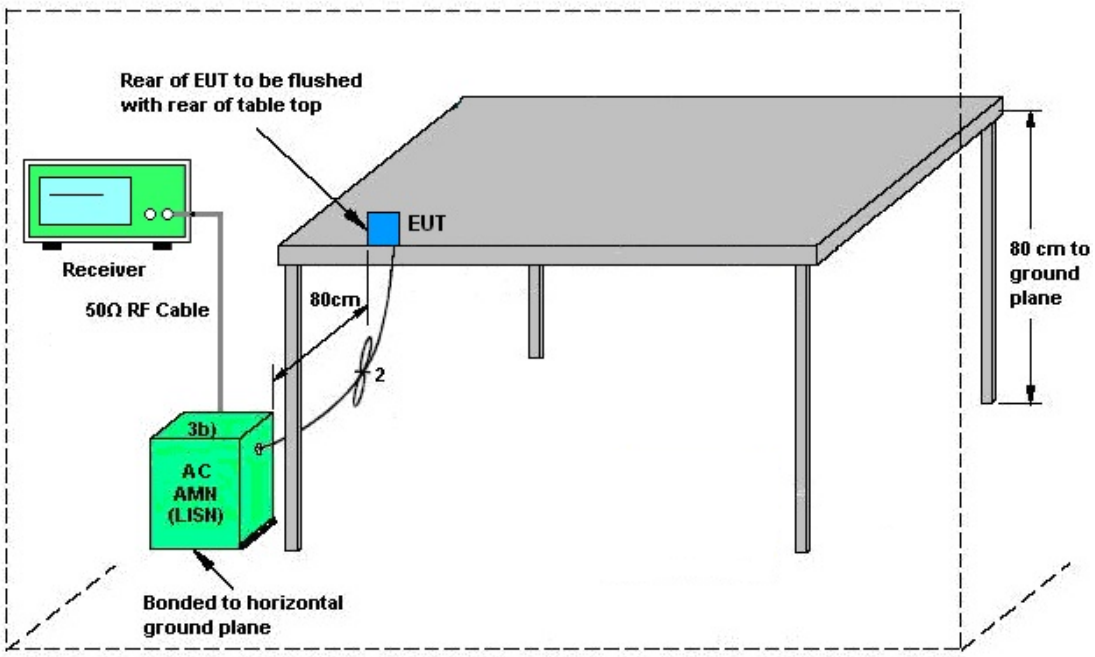
3.5.2 Measuring Instruments

See list of measuring equipment 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

Please refer to Appendix A.

3.6 Automatically Discontinue Transmission

3.6.1 Limit of Automatically Discontinue Transmission

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

3.6.2 Measuring Instruments

See list of measuring equipment of this test report.

3.6.3 Test Result of Automatically Discontinue Transmission

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

3.7 Antenna Requirements

3.7.1 Standard Applicable

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

3.7.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.7.3 Antenna Gain

<CDD Modes >

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

For CDD transmissions, directional gain is calculated as

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

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

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

For power measurements on IEEE 802.11 devices,

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

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

The EUT supports CDD mode.

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

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

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

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

<CDD Modes>

	Ant. 1 (dBi)	Ant. 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	2.10	2.30	2.30	5.21	0.00	0.00
Band II	1.90	1.70	1.90	4.81	0.00	0.00
Band III	2.10	2.90	2.90	5.52	0.00	0.00

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

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

TXBF modes

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 beamforming for 802.11ac modes.

The directional gain calculation is following F)2)e)ii) of KDB 662911 D01 v02r01.

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

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

	Ant 1 (dBi)	Ant 2 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band I	2.10	2.30	5.21	5.21	0.00	0.00
Band II	1.90	1.70	4.81	4.81	0.00	0.00
Band III	2.10	2.90	5.52	5.52	0.00	0.00

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
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Sep. 11, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Dec. 08, 2017	Sep. 11, 2018	Dec. 07, 2018	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 30, 2017	Sep. 11, 2018	Nov. 29, 2018	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Sep. 11, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Sep. 11, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Sep. 11, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Nov. 23, 2017	Sep. 11, 2018 ~ Oct. 08, 2018	Nov. 22, 2018	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	37059&01	30MHz~1GHz	Oct. 14, 2017	Sep. 11, 2018 ~ Oct. 08, 2018	Oct. 13, 2018	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1328	1GHz ~ 18GHz	Oct. 20, 2017	Sep. 11, 2018 ~ Oct. 08, 2018	Oct. 19, 2018	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170584	18GHz ~ 40GHz	Nov. 27, 2017	Sep. 11, 2018 ~ Oct. 08, 2018	Nov. 26, 2018	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 26, 2018	Sep. 11, 2018 ~ Oct. 08, 2018	Mar. 25, 2019	Radiation (03CH12-HY)
Preamplifier	Keysight	83017A	MY53270148	1GHz~26.5GHz	Jan. 15, 2018	Sep. 11, 2018 ~ Oct. 08, 2018	Jan. 14, 2019	Radiation (03CH12-HY)
Preamplifier	MITEQ	AMF-7D-00101800-30-10P	1590074	1GHz~18GHz	May 21, 2018	Sep. 11, 2018 ~ Oct. 08, 2018	May 20, 2019	Radiation (03CH12-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz ~ 40GHz	Dec. 05, 2017	Sep. 11, 2018 ~ Oct. 08, 2018	Dec. 04, 2018	Radiation (03CH12-HY)
EMI Test Receiver	Rohde & Schwarz	ESU26	100390	20Hz~26.5GHz	Dec. 25, 2017	Sep. 11, 2018 ~ Oct. 08, 2018	Dec. 24, 2018	Radiation (03CH12-HY)
Spectrum Analyzer	Keysight	N9010A	MY54200485	10Hz ~ 44GHz	Oct. 31, 2017	Sep. 11, 2018 ~ Oct. 08, 2018	Oct. 30, 2018	Radiation (03CH12-HY)
Filter	Woken	WHKX8-5272.5-6750-18000-40ST	SN2	6.75G Highpass	Mar. 21, 2018	Sep. 11, 2018 ~ Oct. 08, 2018	Mar. 20, 2019	Radiation (03CH12-HY)
Filter	Wainwright	WLJ4-1000-1530-6000-40ST	SN3	1.53 GHz Lowpass	Mar. 21, 2018	Sep. 11, 2018 ~ Oct. 08, 2018	Mar. 20, 2019	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15539/4	30M-18G	Mar. 14, 2018	Sep. 11, 2018 ~ Oct. 08, 2018	Mar. 13, 2019	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Oct. 17, 2017	Sep. 11, 2018 ~ Oct. 08, 2018	Oct. 16, 2018	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30M~40GHz	Oct. 17, 2017	Sep. 11, 2018 ~ Oct. 08, 2018	Oct. 16, 2018	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Sep. 11, 2018 ~ Oct. 08, 2018	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Sep. 11, 2018 ~ Oct. 08, 2018	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-000989	N/A	N/A	Sep. 11, 2018 ~ Oct. 08, 2018	N/A	Radiation (03CH12-HY)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
<CDD Mode>								
Power Meter	Anritsu	ML2495A	0932001	N/A	Sep. 26, 2017	Aug. 31, 2018 ~ Sep. 23, 2018	Sep. 25, 2018	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	0846202	300MHz~40GHz	Sep. 26, 2017	Aug. 31, 2018 ~ Sep. 23, 2018	Sep. 25, 2018	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9kHz ~ 30GHz	Nov. 13, 2017	Aug. 31, 2018 ~ Sep. 23, 2018	Nov. 12, 2018	Conducted (TH05-HY)
<TXBF Mode>								
Power Sensor	DARE	RadiPower	15I00041SNO09	10MHz~6GHz	May 07, 2018	Oct. 03, 2018 ~ Oct. 08, 2018	May 06, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP30	101067	9kHz ~ 30GHz	Nov. 13, 2017	Oct. 03, 2018 ~ Oct. 08, 2018	Nov. 12, 2018	Conducted (TH05-HY)

5 Uncertainty of Evaluation

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

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

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

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

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

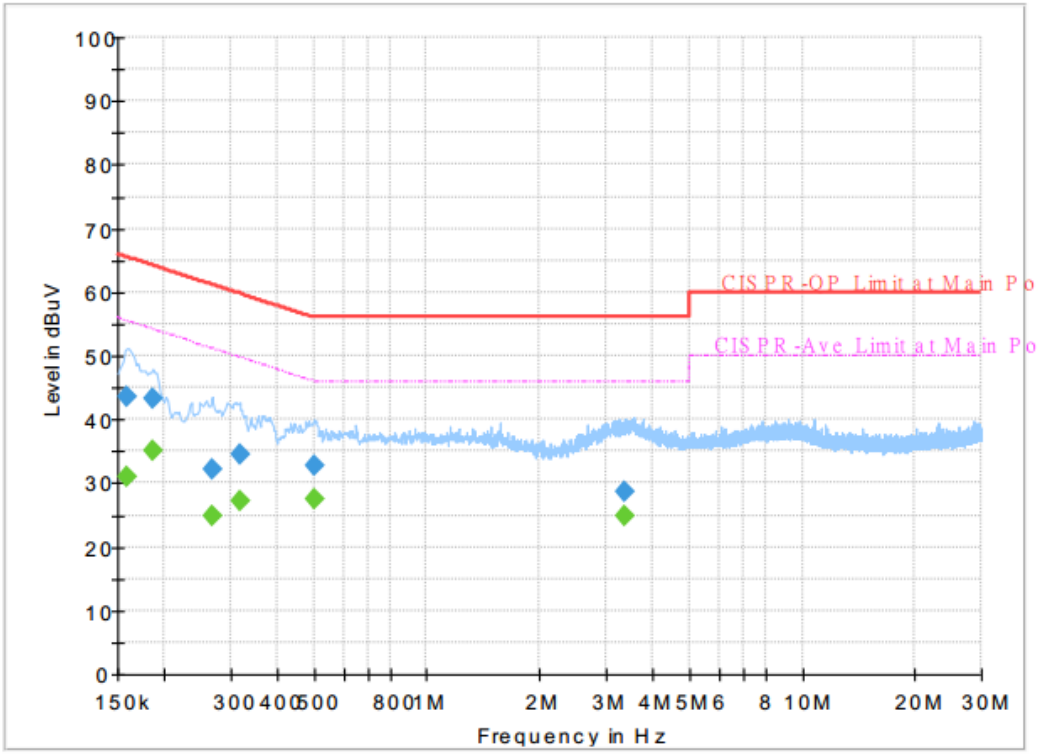
Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.2**

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.7**

Appendix A. AC Conducted Emission Test Results

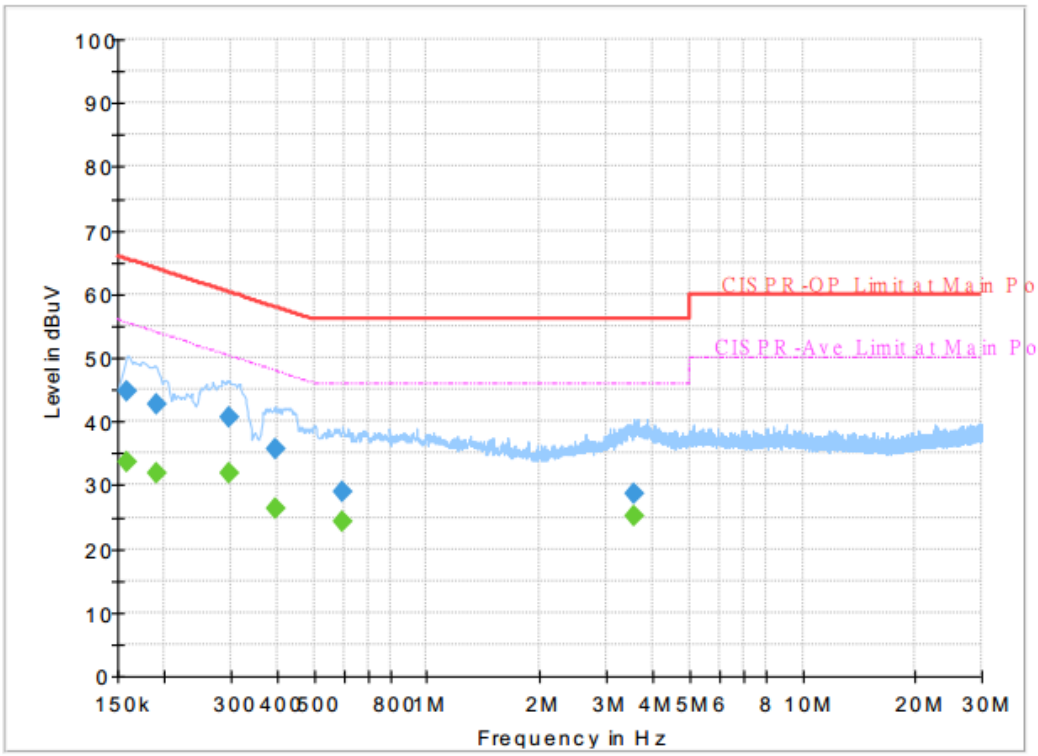
Test Engineer :	Rick Lin	Temperature :	23~25℃
		Relative Humidity :	56~58%
Test Voltage :	120Vac / 60Hz	Phase :	Line



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	31.09	55.52	24.43	L1	OFF	19.5
0.159000	43.56	---	65.52	21.96	L1	OFF	19.5
0.186000	---	35.04	54.21	19.17	L1	OFF	19.5
0.186000	43.40	---	64.21	20.81	L1	OFF	19.5
0.267000	---	24.85	51.21	26.36	L1	OFF	19.5
0.267000	32.11	---	61.21	29.10	L1	OFF	19.5
0.316500	---	27.21	49.80	22.59	L1	OFF	19.5
0.316500	34.55	---	59.80	25.25	L1	OFF	19.5
0.501000	---	27.54	46.00	18.46	L1	OFF	19.5
0.501000	32.65	---	56.00	23.35	L1	OFF	19.5
3.349500	---	24.98	46.00	21.02	L1	OFF	19.7
3.349500	28.73	---	56.00	27.27	L1	OFF	19.7

Test Engineer :	Rick Lin	**Temperature :**	23~25℃
		Relative Humidity :	56~58%
Test Voltage :	120Vac / 60Hz	**Phase :**	Neutral



Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.159000	---	33.61	55.52	21.91	N	OFF	19.5
0.159000	44.77	---	65.52	20.75	N	OFF	19.5
0.190500	---	32.01	54.02	22.01	N	OFF	19.5
0.190500	42.81	---	64.02	21.21	N	OFF	19.5
0.298500	---	31.99	50.28	18.29	N	OFF	19.5
0.298500	40.64	---	60.28	19.64	N	OFF	19.5
0.393000	---	26.21	48.00	21.79	N	OFF	19.5
0.393000	35.63	---	58.00	22.37	N	OFF	19.5
0.595500	---	24.28	46.00	21.72	N	OFF	19.5
0.595500	29.04	---	56.00	26.96	N	OFF	19.5
3.547500	---	25.14	46.00	20.86	N	OFF	19.7
3.547500	28.54	---	56.00	27.46	N	OFF	19.7

Appendix B. Radiated Spurious Emission

Test Engineer :	Jack Cheng, Lance Chiang, and Peter Liao	Temperature :	22~25°C
		Relative Humidity :	53~67%

<CDD Mode>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5148.72	54.34	-19.66	74	43.71	31.79	9.98	31.14	107	18	P	H
		5148.98	42.47	-11.53	54	31.84	31.79	9.98	31.14	107	18	A	H
	*	5180	107.82	-	-	97.13	31.81	10.02	31.14	107	18	P	H
	*	5180	96.5	-	-	85.81	31.81	10.02	31.14	107	18	A	H
													H
													H
		5150	57.43	-16.57	74	46.8	31.79	9.98	31.14	100	16	P	V
		5149.24	45.04	-8.96	54	34.41	31.79	9.98	31.14	100	16	A	V
	*	5180	113.44	-	-	102.75	31.81	10.02	31.14	100	16	P	V
	*	5180	102.07	-	-	91.38	31.81	10.02	31.14	100	16	A	V
													V
													V
802.11a CH 44 5220MHz		5038.74	51.91	-22.09	74	41.47	31.73	9.85	31.14	100	270	P	H
		5145.6	41.28	-12.72	54	30.66	31.79	9.97	31.14	100	270	A	H
	*	5220	110.16	-	-	99.41	31.83	10.06	31.14	100	270	P	H
	*	5220	98.74	-	-	87.99	31.83	10.06	31.14	100	270	A	H
		5379.08	52.78	-21.22	74	41.82	31.93	10.18	31.15	100	270	P	H
		5452.72	41.95	-12.05	54	30.87	31.97	10.26	31.15	100	270	A	H
		5068.64	52.98	-21.02	74	42.5	31.74	9.88	31.14	101	185	P	V
		5149.5	42.11	-11.89	54	31.48	31.79	9.98	31.14	101	185	A	V
	*	5220	115.05	-	-	104.3	31.83	10.06	31.14	101	185	P	V
	*	5220	103.85	-	-	93.1	31.83	10.06	31.14	101	185	A	V
		5381.04	55.18	-18.82	74	44.22	31.93	10.18	31.15	101	185	P	V
		5453	42.75	-11.25	54	31.67	31.97	10.26	31.15	101	185	A	V

802.11a CH 48 5240MHz		5150	53.89	-20.11	74	43.26	31.79	9.98	31.14	100	269	P	H
		5146.9	40.94	-13.06	54	30.31	31.79	9.98	31.14	100	269	A	H
	*	5240	107.74	-	-	96.97	31.84	10.07	31.14	100	269	P	H
	*	5240	96.63	-	-	85.86	31.84	10.07	31.14	100	269	A	H
		5418	54.67	-19.33	74	43.65	31.95	10.22	31.15	100	269	P	H
		5376	41.49	-12.51	54	30.54	31.92	10.18	31.15	100	269	A	H
		5148.2	53.65	-20.35	74	43.02	31.79	9.98	31.14	100	179	P	V
		5145.6	41.51	-12.49	54	30.89	31.79	9.97	31.14	100	179	A	V
	*	5240	113.16	-	-	102.39	31.84	10.07	31.14	100	179	P	V
	*	5240	102.01	-	-	91.24	31.84	10.07	31.14	100	179	A	V
		5375.44	54.08	-19.92	74	43.13	31.92	10.18	31.15	100	179	P	V
		5376	42.35	-11.65	54	31.4	31.92	10.18	31.15	100	179	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	49.31	-18.89	68.2	50.81	39.86	15.6	56.96	100	0	P	H
		15540	46.96	-27.04	74	45.49	38.53	19.59	56.65	100	0	P	H
													H
													H
		10360	50.62	-17.58	68.2	52.12	39.86	15.6	56.96	100	0	P	V
		15540	47.77	-26.23	74	46.3	38.53	19.59	56.65	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	48.7	-19.5	68.2	49.97	39.98	15.67	56.92	100	0	P	H
		15660	48.97	-25.03	74	47.55	38.29	19.64	56.51	100	0	P	H
													H
													H
		10440	48.74	-19.46	68.2	50.01	39.98	15.67	56.92	100	0	P	V
		15660	47.91	-26.09	74	46.49	38.29	19.64	56.51	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	49.38	-18.82	68.2	50.52	40.07	15.7	56.91	100	0	P	H
		15720	48.44	-25.56	74	47.08	38.15	19.65	56.44	100	0	P	H
													H
													H
		10480	50.01	-18.19	68.2	51.15	40.07	15.7	56.91	100	0	P	V
		15720	47.41	-26.59	74	46.05	38.15	19.65	56.44	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5150	58.11	-15.89	74	47.48	31.79	9.98	31.14	124	17	P	H
		5149.76	43.31	-10.69	54	32.68	31.79	9.98	31.14	124	17	A	H
	*	5180	108.01	-	-	97.32	31.81	10.02	31.14	124	17	P	H
	*	5180	97.12	-	-	86.43	31.81	10.02	31.14	124	17	A	H
802.11n													H
HT20													H
CH 36		5140.66	60.97	-13.03	74	50.35	31.79	9.97	31.14	114	198	P	V
5180MHz		5150	45.31	-8.69	54	34.68	31.79	9.98	31.14	114	198	A	V
	*	5180	113.51	-	-	102.82	31.81	10.02	31.14	114	198	P	V
	*	5180	102.32	-	-	91.63	31.81	10.02	31.14	114	198	A	V
													V
													V
		5038.74	53.63	-20.37	74	43.19	31.73	9.85	31.14	114	106	P	H
		5145.08	41.15	-12.85	54	30.53	31.79	9.97	31.14	114	106	A	H
	*	5220	107.68	-	-	96.93	31.83	10.06	31.14	114	106	P	H
	*	5220	96.35	-	-	85.6	31.83	10.06	31.14	114	106	A	H
802.11n		5398.68	54.25	-19.75	74	43.26	31.94	10.2	31.15	114	106	P	H
HT20		5378.24	41.35	-12.65	54	30.39	31.93	10.18	31.15	114	106	A	H
CH 44		5150	54.8	-19.2	74	44.17	31.79	9.98	31.14	101	187	P	V
5220MHz		5149.24	41.87	-12.13	54	31.24	31.79	9.98	31.14	101	187	A	V
	*	5220	113.11	-	-	102.36	31.83	10.06	31.14	101	187	P	V
	*	5220	101.98	-	-	91.23	31.83	10.06	31.14	101	187	A	V
		5353.88	54.54	-19.46	74	43.62	31.91	10.16	31.15	101	187	P	V
		5453	42.87	-11.13	54	31.79	31.97	10.26	31.15	101	187	A	V

		5109.46	52.9	-21.1	74	42.34	31.77	9.93	31.14	108	158	P	H
		5132.86	41	-13	54	30.4	31.78	9.96	31.14	108	158	A	H
	*	5240	107.78	-	-	97.01	31.84	10.07	31.14	108	158	P	H
	*	5240	96.41	-	-	85.64	31.84	10.07	31.14	108	158	A	H
802.11n		5355.84	53.87	-20.13	74	42.95	31.91	10.16	31.15	108	158	P	H
HT20		5452.44	41.43	-12.57	54	30.35	31.97	10.26	31.15	108	158	A	H
CH 48		5149.76	54.47	-19.53	74	43.84	31.79	9.98	31.14	100	184	P	V
5240MHz		5149.24	41.38	-12.62	54	30.75	31.79	9.98	31.14	100	184	A	V
	*	5240	113.64	-	-	102.87	31.84	10.07	31.14	100	184	P	V
	*	5240	102.1	-	-	91.33	31.84	10.07	31.14	100	184	A	V
		5426.68	54.29	-19.71	74	43.26	31.95	10.23	31.15	100	184	P	V
		5376	42.76	-11.24	54	31.81	31.92	10.18	31.15	100	184	A	V

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

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	48.3	-19.9	68.2	49.8	39.86	15.6	56.96	100	0	P	H
		15540	47.18	-26.82	74	45.71	38.53	19.59	56.65	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	50.04	-18.16	68.2	51.54	39.86	15.6	56.96	100	0	P	V
5180MHz		15540	47.36	-26.64	74	45.89	38.53	19.59	56.65	100	0	P	V
													V
													V
		10440	48.77	-19.43	68.2	50.04	39.98	15.67	56.92	100	0	P	H
		15660	46.77	-27.23	74	45.35	38.29	19.64	56.51	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	49.48	-18.72	68.2	50.75	39.98	15.67	56.92	100	0	P	V
5220MHz		15660	46.75	-27.25	74	45.33	38.29	19.64	56.51	100	0	P	V
													V
													V
		10480	49.16	-19.04	68.2	50.3	40.07	15.7	56.91	100	0	P	H
		15720	47.15	-26.85	74	45.79	38.15	19.65	56.44	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	49.68	-18.52	68.2	50.82	40.07	15.7	56.91	100	0	P	V
5240MHz		15720	46.67	-27.33	74	45.31	38.15	19.65	56.44	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5148.2	59.02	-14.98	74	48.39	31.79	9.98	31.14	100	273	P	H
		5150	48.46	-5.54	54	37.83	31.79	9.98	31.14	100	273	A	H
	*	5190	104.92	-	-	94.22	31.81	10.03	31.14	100	273	P	H
	*	5190	94.09	-	-	83.39	31.81	10.03	31.14	100	273	A	H
		5414.08	53.64	-20.36	74	42.62	31.95	10.22	31.15	100	273	P	H
		5427.52	42.09	-11.91	54	31.06	31.95	10.23	31.15	100	273	A	H
		5150	63.77	-10.23	74	53.14	31.79	9.98	31.14	104	180	P	V
		5150	52.3	-1.7	54	41.67	31.79	9.98	31.14	104	180	A	V
	*	5190	108.66	-	-	97.96	31.81	10.03	31.14	104	180	P	V
	*	5190	97.74	-	-	87.04	31.81	10.03	31.14	104	180	A	V
		5383.28	54.41	-19.59	74	43.44	31.93	10.19	31.15	104	180	P	V
		5376	43.35	-10.65	54	32.4	31.92	10.18	31.15	104	180	A	V
802.11n HT40 CH 46 5230MHz		5127.66	53.57	-20.43	74	42.98	31.78	9.95	31.14	100	271	P	H
		5139.62	42.11	-11.89	54	31.49	31.79	9.97	31.14	100	271	A	H
	*	5230	105.22	-	-	94.46	31.84	10.06	31.14	100	271	P	H
	*	5230	94.47	-	-	83.71	31.84	10.06	31.14	100	271	A	H
		5353.32	53.94	-20.06	74	43.02	31.91	10.16	31.15	100	271	P	H
		5367.32	42.62	-11.38	54	31.68	31.92	10.17	31.15	100	271	A	H
		5146.12	54.26	-19.74	74	43.63	31.79	9.98	31.14	100	180	P	V
		5149.24	43.2	-10.8	54	32.57	31.79	9.98	31.14	100	180	A	V
	*	5230	110.73	-	-	99.97	31.84	10.06	31.14	100	180	P	V
	*	5230	99.9	-	-	89.14	31.84	10.06	31.14	100	180	A	V
		5350.8	55.28	-18.72	74	44.36	31.91	10.16	31.15	100	180	P	V
		5453	43.63	-10.37	54	32.55	31.97	10.26	31.15	100	180	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	48.44	-19.76	68.2	49.88	39.89	15.62	56.95	100	0	P	H
		15570	46.94	-27.06	74	45.5	38.46	19.6	56.62	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	50.44	-17.76	68.2	51.88	39.89	15.62	56.95	100	0	P	V
5190MHz		15570	47.06	-26.94	74	45.62	38.46	19.6	56.62	100	0	P	V
													V
													V
		10460	48.78	-25.22	74	50.01	40.01	15.68	56.92	100	0	P	H
		15690	47.4	-26.6	74	46.01	38.22	19.64	56.47	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	48.76	-25.24	74	49.99	40.01	15.68	56.92	100	0	P	V
5230MHz		15690	47.18	-26.82	74	45.79	38.22	19.64	56.47	100	0	P	V
													V
													V

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5145.6	59.14	-14.86	74	48.52	31.79	9.97	31.14	101	273	P	H
		5149.76	48.32	-5.68	54	37.69	31.79	9.98	31.14	101	273	A	H
	*	5210	101.89	-	-	91.15	31.83	10.05	31.14	101	273	P	H
	*	5210	91.28	-	-	80.54	31.83	10.05	31.14	101	273	A	H
		5379.92	53.98	-20.02	74	43.02	31.93	10.18	31.15	101	273	P	H
		5382.72	42.48	-11.52	54	31.51	31.93	10.19	31.15	101	273	A	H
		5147.94	61.55	-12.45	74	50.92	31.79	9.98	31.14	100	204	P	V
		5150	52.43	-1.57	54	41.8	31.79	9.98	31.14	100	204	A	V
	*	5210	106.12	-	-	95.38	31.83	10.05	31.14	100	204	P	V
	*	5210	95.54	-	-	84.8	31.83	10.05	31.14	100	204	A	V
		5355.84	54.79	-19.21	74	43.87	31.91	10.16	31.15	100	204	P	V
		5453	44.11	-9.89	54	33.03	31.97	10.26	31.15	100	204	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	49.21	-18.99	68.2	50.54	39.95	15.65	56.93	100	0	P	H
		15630	47.82	-26.18	74	46.42	38.32	19.62	56.54	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	48.74	-19.46	68.2	50.07	39.95	15.65	56.93	100	0	P	V
5210MHz		15630	47.29	-26.71	74	45.89	38.32	19.62	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.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5088.06	52.76	-21.24	74	42.24	31.75	9.91	31.14	107	264	P	H
		5121.04	41.01	-12.99	54	30.43	31.77	9.95	31.14	107	264	A	H
	*	5260	107.85	-	-	97.05	31.86	10.09	31.15	107	264	P	H
	*	5260	96.87	-	-	86.07	31.86	10.09	31.15	107	264	A	H
		5435.76	54.25	-19.75	74	43.2	31.96	10.24	31.15	107	264	P	H
		5356.08	41.86	-12.14	54	30.94	31.91	10.16	31.15	107	264	A	H
		5123.08	52.86	-21.14	74	42.27	31.78	9.95	31.14	103	198	P	V
		5144.16	41.1	-12.9	54	30.48	31.79	9.97	31.14	103	198	A	V
	*	5260	112.99	-	-	102.19	31.86	10.09	31.15	103	198	P	V
	*	5260	101.99	-	-	91.19	31.86	10.09	31.15	103	198	A	V
		5357.04	54.91	-19.09	74	43.98	31.91	10.17	31.15	103	198	P	V
		5375.76	43.09	-10.91	54	32.14	31.92	10.18	31.15	103	198	A	V
802.11a CH 60 5300MHz		5103.02	53.66	-20.34	74	43.12	31.76	9.92	31.14	100	268	P	H
		5128.18	41.11	-12.89	54	30.52	31.78	9.95	31.14	100	268	A	H
	*	5300	110.89	-	-	100.04	31.88	10.12	31.15	100	268	P	H
	*	5300	99.68	-	-	88.83	31.88	10.12	31.15	100	268	A	H
		5350.56	55.88	-18.12	74	44.96	31.91	10.16	31.15	100	268	P	H
		5350.08	43.68	-10.32	54	32.76	31.91	10.16	31.15	100	268	A	H
		5135.66	53.38	-20.62	74	42.78	31.78	9.96	31.14	101	171	P	V
		5145.86	41.11	-12.89	54	30.48	31.79	9.98	31.14	101	171	A	V
	*	5300	115.52	-	-	104.67	31.88	10.12	31.15	101	171	P	V
	*	5300	104.39	-	-	93.54	31.88	10.12	31.15	101	171	A	V
		5352.48	58.76	-15.24	74	47.84	31.91	10.16	31.15	101	171	P	V
		5352.96	47.08	-6.92	54	36.16	31.91	10.16	31.15	101	171	A	V

802.11a CH 64 5320MHz	*	5320	109.78	-	-	98.9	31.89	10.14	31.15	103	279	P	H
	*	5320	98.67	-	-	87.79	31.89	10.14	31.15	103	279	A	H
		5361.44	60.44	-13.56	74	49.5	31.92	10.17	31.15	103	279	P	H
		5351.2	44.03	-9.97	54	33.11	31.91	10.16	31.15	103	279	A	H
													H
													H
	*	5320	114.43	-	-	103.55	31.89	10.14	31.15	106	196	P	V
	*	5320	103.49	-	-	92.61	31.89	10.14	31.15	106	196	A	V
		5351.36	64.9	-9.1	74	53.98	31.91	10.16	31.15	106	196	P	V
		5350.08	47.36	-6.64	54	36.44	31.91	10.16	31.15	106	196	A	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	49.17	-19.03	68.2	50.21	40.11	15.73	56.88	100	0	P	H
		15780	47.65	-26.35	74	46.28	38.05	19.68	56.36	100	0	P	H
													H
													H
		10520	48.9	-19.3	68.2	49.94	40.11	15.73	56.88	100	0	P	V
		15780	47.62	-26.38	74	46.25	38.05	19.68	56.36	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	51.66	-22.34	74	52.5	40.18	15.8	56.82	101	181	P	H
		10600	37.62	-16.38	54	38.46	40.18	15.8	56.82	101	181	A	H
		15900	47.59	-26.41	74	46.27	37.81	19.73	56.22	100	0	P	H
													H
		10600	52.87	-21.13	74	53.71	40.18	15.8	56.82	108	269	P	V
		10600	38.92	-15.08	54	39.76	40.18	15.8	56.82	108	269	A	V
		15900	47.33	-26.67	74	46.01	37.81	19.73	56.22	100	0	P	V
													V
802.11a CH 64 5320MHz		10640	50.19	-23.81	74	50.95	40.21	15.82	56.79	126	188	P	H
		10640	37.72	-16.28	54	38.48	40.21	15.82	56.79	126	188	A	H
		15960	45.45	-28.55	74	44.19	37.67	19.74	56.15	100	0	P	H
													H
		10640	48.77	-25.23	74	49.53	40.21	15.82	56.79	100	0	P	V
		15960	47.07	-26.93	74	45.81	37.67	19.74	56.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5128.86	54.3	-19.7	74	43.71	31.78	9.95	31.14	108	271	P	H
		5143.48	41.1	-12.9	54	30.48	31.79	9.97	31.14	108	271	A	H
	*	5260	108.81	-	-	98.01	31.86	10.09	31.15	108	271	P	H
	*	5260	97.3	-	-	86.5	31.86	10.09	31.15	108	271	A	H
802.11n		5363.04	53.53	-20.47	74	42.59	31.92	10.17	31.15	108	271	P	H
HT20		5376	41.61	-12.39	54	30.66	31.92	10.18	31.15	108	271	A	H
CH 52		5140.42	54.02	-19.98	74	43.4	31.79	9.97	31.14	100	171	P	V
5260MHz		5144.5	41.14	-12.86	54	30.52	31.79	9.97	31.14	100	171	A	V
	*	5260	113.78	-	-	102.98	31.86	10.09	31.15	100	171	P	V
	*	5260	102.08	-	-	91.28	31.86	10.09	31.15	100	171	A	V
		5350.32	56.16	-17.84	74	45.24	31.91	10.16	31.15	100	171	P	V
		5376	42.9	-11.1	54	31.95	31.92	10.18	31.15	100	171	A	V
		5143.48	54	-20	74	43.38	31.79	9.97	31.14	105	270	P	H
		5126.14	40.95	-13.05	54	30.36	31.78	9.95	31.14	105	270	A	H
	*	5300	110.35	-	-	99.5	31.88	10.12	31.15	105	270	P	H
	*	5300	98.59	-	-	87.74	31.88	10.12	31.15	105	270	A	H
802.11n		5353.44	61.2	-12.8	74	50.28	31.91	10.16	31.15	105	270	P	H
HT20		5358.72	44.18	-9.82	54	33.25	31.91	10.17	31.15	105	270	A	H
CH 60		5091.46	53.22	-20.78	74	42.69	31.76	9.91	31.14	106	176	P	V
5300MHz		5145.52	41.36	-12.64	54	30.74	31.79	9.97	31.14	106	176	A	V
	*	5300	114.36	-	-	103.51	31.88	10.12	31.15	106	176	P	V
	*	5300	103	-	-	92.15	31.88	10.12	31.15	106	176	A	V
		5351.76	65.98	-8.02	74	55.06	31.91	10.16	31.15	106	176	P	V
		5351.52	47.21	-6.79	54	36.29	31.91	10.16	31.15	106	176	A	V

	*	5320	109.53	-	-	98.65	31.89	10.14	31.15	104	271	P	H
	*	5320	98.17	-	-	87.29	31.89	10.14	31.15	104	271	A	H
		5352.32	64.52	-9.48	74	53.6	31.91	10.16	31.15	104	271	P	H
		5350.4	45.87	-8.13	54	34.95	31.91	10.16	31.15	104	271	A	H
802.11n													H
HT20													H
CH 64	*	5320	114.38	-	-	103.5	31.89	10.14	31.15	119	175	P	V
5320MHz	*	5320	102.89	-	-	92.01	31.89	10.14	31.15	119	175	A	V
		5351.04	69.23	-4.77	74	58.31	31.91	10.16	31.15	119	175	P	V
		5350.4	49.43	-4.57	54	38.51	31.91	10.16	31.15	119	175	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	48.08	-25.92	74	49.12	40.11	15.73	56.88	100	0	P	H
		15780	46.84	-27.16	74	45.47	38.05	19.68	56.36	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	48.89	-25.11	74	49.93	40.11	15.73	56.88	100	0	P	V
5260MHz		15780	46.68	-27.32	74	45.31	38.05	19.68	56.36	100	0	P	V
													V
													V
		10600	50.27	-23.73	74	51.11	40.18	15.8	56.82	100	141	P	H
		10600	37.07	-16.93	54	37.91	40.18	15.8	56.82	100	141	A	H
802.11n		15900	45.84	-28.16	74	44.52	37.81	19.73	56.22	100	0	P	H
HT20													H
CH 60		10600	50.52	-23.48	74	51.36	40.18	15.8	56.82	100	26	P	V
5300MHz		10600	37.39	-16.61	54	38.23	40.18	15.8	56.82	100	26	A	V
		15900	45.83	-28.17	74	44.51	37.81	19.73	56.22	100	0	P	V
													V
		10640	48.99	-25.01	74	49.75	40.21	15.82	56.79	100	0	P	H
		15960	45.86	-28.14	74	44.6	37.67	19.74	56.15	100	0	P	H
802.11n													H
HT20													H
CH 64		10640	50.86	-23.14	74	51.62	40.21	15.82	56.79	100	0	P	V
5320MHz		10640	37.84	-16.16	54	38.6	40.21	15.82	56.79	100	0	A	V
		15960	45.59	-28.41	74	44.33	37.67	19.74	56.15	100	0	P	V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5107.44	52.87	-21.13	74	42.31	31.77	9.93	31.14	100	271	P	H
		5149.26	42.11	-11.89	54	31.48	31.79	9.98	31.14	100	271	A	H
	*	5270	106.17	-	-	95.36	31.86	10.1	31.15	100	271	P	H
	*	5270	95.15	-	-	84.34	31.86	10.1	31.15	100	271	A	H
802.11n		5351.28	57.55	-16.45	74	46.63	31.91	10.16	31.15	100	271	P	H
HT40		5350.08	43.57	-10.43	54	32.65	31.91	10.16	31.15	100	271	A	H
CH 54		5042.5	53.25	-20.75	74	42.81	31.73	9.85	31.14	135	174	P	V
5270MHz		5147.9	42.09	-11.91	54	31.46	31.79	9.98	31.14	135	174	A	V
	*	5270	111.01	-	-	100.2	31.86	10.1	31.15	135	174	P	V
	*	5270	99.57	-	-	88.76	31.86	10.1	31.15	135	174	A	V
		5351.76	60.3	-13.7	74	49.38	31.91	10.16	31.15	135	174	P	V
		5350.08	45.66	-8.34	54	34.74	31.91	10.16	31.15	135	174	A	V
		5118.32	53.04	-20.96	74	42.47	31.77	9.94	31.14	100	269	P	H
		5121.38	41.77	-12.23	54	31.19	31.77	9.95	31.14	100	269	A	H
	*	5310	103.66	-	-	92.79	31.89	10.13	31.15	100	269	P	H
	*	5310	92.89	-	-	82.02	31.89	10.13	31.15	100	269	A	H
802.11n		5353.92	60.35	-13.65	74	49.43	31.91	10.16	31.15	100	269	P	H
HT40		5350.56	48.95	-5.05	54	38.03	31.91	10.16	31.15	100	269	A	H
CH 62		5149.94	53.54	-20.46	74	42.91	31.79	9.98	31.14	100	174	P	V
5310MHz		5113.22	41.92	-12.08	54	31.35	31.77	9.94	31.14	100	174	A	V
	*	5310	108.2	-	-	97.33	31.89	10.13	31.15	100	174	P	V
	*	5310	97.48	-	-	86.61	31.89	10.13	31.15	100	174	A	V
		5351.76	64.6	-9.4	74	53.68	31.91	10.16	31.15	100	174	P	V
		5350.08	52.98	-1.02	54	42.06	31.91	10.16	31.15	100	174	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	48.5	-25.5	74	49.49	40.13	15.75	56.87	100	0	P	H
		15810	47.13	-26.87	74	45.79	37.98	19.69	56.33	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	48.06	-25.94	74	49.05	40.13	15.75	56.87	100	0	P	V
5270MHz		15810	47	-27	74	45.66	37.98	19.69	56.33	100	0	P	V
													V
													V
		10620	50.32	-23.68	74	51.12	40.2	15.8	56.8	104	163	P	H
		10620	37.42	-16.58	54	38.22	40.2	15.8	56.8	104	163	A	H
802.11n		15930	47.19	-26.81	74	45.89	37.74	19.74	56.18	100	0	P	H
HT40													H
CH 62		10620	50.69	-23.31	74	51.49	40.2	15.8	56.8	100	255	P	V
5310MHz		10620	37.82	-16.18	54	38.62	40.2	15.8	56.8	100	255	A	V
		15930	47.4	-26.6	74	46.1	37.74	19.74	56.18	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5143.14	52.81	-21.19	74	42.19	31.79	9.97	31.14	108	270	P	H
		5132.94	41.62	-12.38	54	31.02	31.78	9.96	31.14	108	270	A	H
	*	5290	98.9	-	-	88.07	31.87	10.11	31.15	108	270	P	H
	*	5290	88.42	-	-	77.59	31.87	10.11	31.15	108	270	A	H
802.11ac		5350.56	57.54	-16.46	74	46.62	31.91	10.16	31.15	108	270	P	H
VHT80		5350.56	46.99	-7.01	54	36.07	31.91	10.16	31.15	108	270	A	H
CH 58		5129.88	52.71	-21.29	74	42.11	31.78	9.96	31.14	111	198	P	V
5290MHz		5145.52	41.78	-12.22	54	31.16	31.79	9.97	31.14	111	198	A	V
	*	5290	103.51	-	-	92.68	31.87	10.11	31.15	111	198	P	V
	*	5290	93.25	-	-	82.42	31.87	10.11	31.15	111	198	A	V
		5355.12	62.53	-11.47	74	51.61	31.91	10.16	31.15	111	198	P	V
		5350.32	52.13	-1.87	54	41.21	31.91	10.16	31.15	111	198	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	49.77	-18.43	68.2	50.66	40.17	15.78	56.84	100	0	P	H
		15870	46.93	-27.07	74	45.64	37.84	19.71	56.26	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	49.19	-19.01	68.2	50.08	40.17	15.78	56.84	100	0	P	V
5290MHz		15870	46.58	-27.42	74	45.29	37.84	19.71	56.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5457.68	54.73	-19.27	74	43.65	31.97	10.26	31.15	100	261	P	H
		5467.92	54.54	-13.66	68.2	43.44	31.98	10.27	31.15	100	261	P	H
		5452.88	42.88	-11.12	54	31.8	31.97	10.26	31.15	100	261	A	H
	*	5500	105.51	-	-	94.35	32	10.31	31.15	100	261	P	H
	*	5500	94.7	-	-	83.54	32	10.31	31.15	100	261	A	H
													H
		5450.8	57.56	-16.44	74	46.48	31.97	10.26	31.15	119	198	P	V
		5469.36	59.01	-9.19	68.2	47.9	31.98	10.28	31.15	119	198	P	V
		5452.88	45.53	-8.47	54	34.45	31.97	10.26	31.15	119	198	A	V
	*	5500	111.64	-	-	100.48	32	10.31	31.15	119	198	P	V
	*	5500	100.87	-	-	89.71	32	10.31	31.15	119	198	A	V
													V
802.11a CH 116 5580MHz		5442.64	54.05	-19.95	74	42.99	31.96	10.25	31.15	100	261	P	H
		5459.92	41.61	-12.39	54	30.52	31.97	10.27	31.15	100	261	A	H
	*	5580	108.83	-	-	97.53	32.1	10.4	31.2	100	261	P	H
	*	5580	98.17	-	-	86.87	32.1	10.4	31.2	100	261	A	H
		5740.115	53.79	-20.21	74	42.19	32.34	10.53	31.27	100	261	P	H
		5728.775	41.89	-12.11	54	30.32	32.31	10.52	31.26	100	261	A	H
		5469.52	55.96	-18.04	74	44.85	31.98	10.28	31.15	100	189	P	V
		5452.96	43.25	-10.75	54	32.17	31.97	10.26	31.15	100	189	A	V
	*	5580	116.06	-	-	104.76	32.1	10.4	31.2	100	189	P	V
	*	5580	104.95	-	-	93.65	32.1	10.4	31.2	100	189	A	V
		5729.405	55.49	-18.51	74	43.92	32.31	10.52	31.26	100	189	P	V
		5736.965	42.42	-11.58	54	30.82	32.34	10.53	31.27	100	189	A	V

802.11a CH 140 5700MHz	*	5700	105.6	-	-	94.08	32.27	10.5	31.25	101	266	P	H
	*	5700	94.9	-	-	83.38	32.27	10.5	31.25	101	266	A	H
		5728.04	60.15	-13.85	74	48.58	32.31	10.52	31.26	101	266	P	H
		5725.72	43.42	-10.58	54	31.85	32.31	10.52	31.26	101	266	A	H
													H
													H
	*	5700	114.02	-	-	102.5	32.27	10.5	31.25	100	181	P	V
	*	5700	102.85	-	-	91.33	32.27	10.5	31.25	100	181	A	V
		5725.64	65.42	-8.58	74	53.85	32.31	10.52	31.26	100	181	P	V
		5725	47.47	-6.53	54	35.9	32.31	10.52	31.26	100	181	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	50.2	-23.8	74	50.1	40.5	16.1	56.5	100	140	P	H
		11000	37.38	-16.62	54	37.28	40.5	16.1	56.5	100	140	A	H
		16500	47.74	-20.46	68.2	43.66	39.6	20.18	55.7	100	0	P	H
													H
		11000	50.15	-23.85	74	50.05	40.5	16.1	56.5	100	46	P	V
		11000	37.28	-16.72	54	37.18	40.5	16.1	56.5	100	46	A	V
		16500	46.6	-21.6	68.2	42.52	39.6	20.18	55.7	100	0	P	V
													V
802.11a CH 116 5580MHz		11160	51.66	-22.34	74	51.5	40.37	16.23	56.44	100	187	P	H
		11160	37.98	-16.02	54	37.82	40.37	16.23	56.44	100	187	A	H
		16740	50.86	-23.14	74	46.25	40.13	20.37	55.89	100	53	P	H
		16740	37.3	-16.7	54	32.69	40.13	20.37	55.89	100	53	A	H
		11160	53.9	-20.1	74	53.74	40.37	16.23	56.44	102	269	P	V
		11160	39.64	-14.36	54	39.48	40.37	16.23	56.44	102	269	A	V
		16740	55.44	-18.56	74	50.83	40.13	20.37	55.89	110	301	P	V
		16740	40.8	-13.2	54	36.19	40.13	20.37	55.89	110	301	A	V
802.11a CH 140 5700MHz		11400	48.75	-25.25	74	48.49	40.18	16.42	56.34	100	0	P	H
		17100	48.99	-25.01	74	43.56	41.06	20.67	56.3	100	0	P	H
													H
													H
		11400	48.88	-25.12	74	48.62	40.18	16.42	56.34	100	0	P	V
		17100	48.97	-25.03	74	43.54	41.06	20.67	56.3	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5466.8	58.94	-15.06	74	47.84	31.98	10.27	31.15	100	251	P	H
		5469.2	42.72	-11.28	54	31.61	31.98	10.28	31.15	100	251	A	H
	*	5500	105.66	-	-	94.5	32	10.31	31.15	100	251	P	H
	*	5500	94.7	-	-	83.54	32	10.31	31.15	100	251	A	H
802.11n													H
HT20													H
CH 100		5468.24	64.93	-9.07	74	53.82	31.98	10.28	31.15	122	190	P	V
5500MHz		5469.36	45.77	-8.23	54	34.66	31.98	10.28	31.15	122	190	A	V
	*	5500	112.65	-	-	101.49	32	10.31	31.15	122	190	P	V
	*	5500	100.93	-	-	89.77	32	10.31	31.15	122	190	A	V
													V
													V
		5467.36	53.87	-20.13	74	42.77	31.98	10.27	31.15	100	247	P	H
		5461.12	41.65	-12.35	54	30.56	31.97	10.27	31.15	100	247	A	H
	*	5580	107.92	-	-	96.62	32.1	10.4	31.2	100	247	P	H
	*	5580	96.87	-	-	85.57	32.1	10.4	31.2	100	247	A	H
802.11n		5747.99	53.76	-20.24	74	42.15	32.34	10.54	31.27	100	247	P	H
HT20		5732.555	41.81	-12.19	54	30.24	32.31	10.53	31.27	100	247	A	H
CH 116		5463.52	55.48	-18.52	74	44.38	31.98	10.27	31.15	100	188	P	V
5580MHz		5452.72	42.93	-11.07	54	31.85	31.97	10.26	31.15	100	188	A	V
	*	5580	113.93	-	-	102.63	32.1	10.4	31.2	100	188	P	V
	*	5580	102.36	-	-	91.06	32.1	10.4	31.2	100	188	A	V
		5750.51	54.1	-19.9	74	42.49	32.34	10.54	31.27	100	188	P	V
		5759.96	42.48	-11.52	54	30.85	32.36	10.55	31.28	100	188	A	V

	*	5700	108.42	-	-	96.9	32.27	10.5	31.25	102	272	P	H
	*	5700	97.06	-	-	85.54	32.27	10.5	31.25	102	272	A	H
		5728.44	61.79	-12.21	74	50.22	32.31	10.52	31.26	102	272	P	H
		5725	45.31	-8.69	54	33.74	32.31	10.52	31.26	102	272	A	H
802.11n													H
HT20													H
CH 140	*	5700	114.97	-	-	103.45	32.27	10.5	31.25	108	181	P	V
5700MHz	*	5700	103.37	-	-	91.85	32.27	10.5	31.25	108	181	A	V
		5725.4	68.05	-5.95	74	56.48	32.31	10.52	31.26	108	181	P	V
		5725	50.73	-3.27	54	39.16	32.31	10.52	31.26	108	181	A	V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	50.53	-23.47	74	50.43	40.5	16.1	56.5	100	48	P	H
		11000	37.51	-16.49	54	37.41	40.5	16.1	56.5	100	48	A	H
802.11n		16500	47.34	-26.66	74	43.26	39.6	20.18	55.7	100	0	P	H
HT20													H
CH 100		11000	50.7	-23.3	74	50.6	40.5	16.1	56.5	105	273	P	V
5500MHz		11000	37.76	-16.24	54	37.66	40.5	16.1	56.5	105	273	A	V
		16500	46.42	-27.58	74	42.34	39.6	20.18	55.7	100	0	P	V
													V
		11160	48.97	-25.03	74	48.81	40.37	16.23	56.44	100	0	P	H
		16740	47.48	-26.52	74	42.87	40.13	20.37	55.89	100	0	P	H
802.11n													H
HT20													H
CH 116		11160	48.89	-25.11	74	48.73	40.37	16.23	56.44	100	0	P	V
5580MHz		16740	47.1	-26.9	74	42.49	40.13	20.37	55.89	100	0	P	V
													V
													V
		11400	51.47	-22.53	74	51.21	40.18	16.42	56.34	104	282	P	H
		11400	37.66	-16.34	54	37.4	40.18	16.42	56.34	104	282	A	H
802.11n		17100	51.59	-22.41	74	46.16	41.06	20.67	56.3	100	68	P	H
HT20		17100	37.71	-16.29	54	32.28	41.06	20.67	56.3	100	68	A	H
CH 140		11400	51.93	-22.07	74	51.67	40.18	16.42	56.34	100	271	P	V
5700MHz		11400	37.64	-16.36	54	37.38	40.18	16.42	56.34	100	271	A	V
		17100	53.55	-20.45	74	48.12	41.06	20.67	56.3	109	303	P	V
		17100	39.22	-14.78	54	33.79	41.06	20.67	56.3	109	303	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458	60.83	-13.17	74	49.75	31.97	10.26	31.15	100	271	P	H
		5470	63.28	-4.92	68.2	52.17	31.98	10.28	31.15	100	271	P	H
		5459.92	46.92	-7.08	54	35.83	31.97	10.27	31.15	100	271	A	H
	*	5510	105.29	-	-	94.13	32	10.32	31.16	100	271	P	H
802.11n	*	5510	94.37	-	-	83.21	32	10.32	31.16	100	271	A	H
HT40		5764.37	54.19	-14.01	68.2	42.56	32.36	10.55	31.28	100	271	P	H
CH 102		5454.64	62.61	-11.39	74	51.53	31.97	10.26	31.15	120	190	P	V
5510MHz		5470	66.98	-1.22	68.2	55.87	31.98	10.28	31.15	120	190	P	V
		5459.92	50.08	-3.92	54	38.99	31.97	10.27	31.15	120	190	A	V
	*	5510	109.92	-	-	98.76	32	10.32	31.16	120	190	P	V
	*	5510	98.91	-	-	87.75	32	10.32	31.16	120	190	A	V
		5759.645	54.74	-13.46	68.2	43.11	32.36	10.55	31.28	120	190	P	V
		5467.6	56.33	-17.67	74	45.23	31.98	10.27	31.15	102	246	P	H
		5468.32	43.18	-10.82	54	32.07	31.98	10.28	31.15	102	246	A	H
	*	5550	105.05	-	-	93.79	32.07	10.36	31.17	102	246	P	H
	*	5550	93.87	-	-	82.61	32.07	10.36	31.17	102	246	A	H
802.11n		5745.47	53.58	-20.42	74	41.97	32.34	10.54	31.27	102	246	P	H
HT40		5725.31	42.57	-11.43	54	31	32.31	10.52	31.26	102	246	A	H
CH 110		5467.36	62.06	-11.94	74	50.96	31.98	10.27	31.15	100	190	P	V
5550MHz		5469.04	45.88	-8.12	54	34.77	31.98	10.28	31.15	100	190	A	V
	*	5550	110.64	-	-	99.38	32.07	10.36	31.17	100	190	P	V
	*	5550	99.24	-	-	87.98	32.07	10.36	31.17	100	190	A	V
		5742.32	53.84	-20.16	74	42.24	32.34	10.53	31.27	100	190	P	V
		5760.275	43.51	-10.49	54	31.88	32.36	10.55	31.28	100	190	A	V

		5411.6	53.77	-20.23	74	42.76	31.95	10.21	31.15	100	251	P	H
		5470	42.25	-11.75	54	31.14	31.98	10.28	31.15	100	251	A	H
	*	5670	103.84	-	-	92.35	32.24	10.48	31.23	100	251	P	H
	*	5670	92.85	-	-	81.36	32.24	10.48	31.23	100	251	P	H
802.11n		5727.375	56.34	-17.66	74	44.77	32.31	10.52	31.26	100	251	P	H
HT40		5727.725	43.73	-10.27	54	32.16	32.31	10.52	31.26	100	251	A	H
CH 134		5359.45	54.29	-19.71	74	43.36	31.91	10.17	31.15	113	188	P	V
5670MHz		5452.9	42.78	-11.22	54	31.7	31.97	10.26	31.15	113	188	A	V
	*	5670	110.74	-	-	99.25	32.24	10.48	31.23	113	188	P	V
	*	5670	99.91	-	-	88.42	32.24	10.48	31.23	113	188	A	V
		5727.2	62.91	-11.09	74	51.34	32.31	10.52	31.26	113	188	P	V
		5725.1	46.71	-7.29	54	35.14	32.31	10.52	31.26	113	188	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	51.42	-22.58	74	51.3	40.49	16.12	56.49	100	174	P	H
		11020	37.72	-16.28	54	37.6	40.49	16.12	56.49	100	174	A	H
802.11n		16530	47.92	-20.28	68.2	43.76	39.68	20.2	55.72	100	0	P	H
HT40													H
CH 102		11020	51.46	-22.54	74	51.34	40.49	16.12	56.49	101	256	P	V
5510MHz		11020	38.01	-15.99	54	37.89	40.49	16.12	56.49	101	256	A	V
		16530	47.49	-20.71	68.2	43.33	39.68	20.2	55.72	100	0	P	V
													V
		11100	50.85	-23.15	74	50.71	40.42	16.18	56.46	100	119	P	H
		11100	37.51	-16.49	54	37.37	40.42	16.18	56.46	100	119	A	H
802.11n		16650	47.99	-26.01	74	43.57	39.94	20.3	55.82	100	0	P	H
HT40													H
CH 110		11100	50.36	-23.64	74	50.22	40.42	16.18	56.46	100	59	P	V
5550MHz		11100	37.77	-16.23	54	37.63	40.42	16.18	56.46	100	59	A	V
		16650	47.46	-26.54	74	43.04	39.94	20.3	55.82	100	0	P	V
													V
		11340	50.35	-23.65	74	50.1	40.23	16.38	56.36	101	210	P	H
		11340	37.97	-16.03	54	37.72	40.23	16.38	56.36	101	210	A	H
802.11n		17010	48.97	-25.03	74	43.74	40.76	20.59	56.12	100	0	P	H
HT40													H
CH 134		11340	48.79	-25.21	74	48.54	40.23	16.38	56.36	100	0	P	V
5670MHz		17010	48.54	-25.46	74	43.31	40.76	20.59	56.12	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5453.68	55.46	-18.54	74	44.38	31.97	10.26	31.15	123	152	P	H
		5468.56	57.27	-10.93	68.2	46.16	31.98	10.28	31.15	123	152	P	H
		5457.76	45.51	-8.49	54	34.43	31.97	10.26	31.15	123	152	A	H
	*	5530	98.47	-	-	87.28	32.02	10.34	31.17	123	152	P	H
802.11ac	*	5530	88.2	-	-	77.01	32.02	10.34	31.17	123	152	A	H
VHT80		5740.745	53.33	-14.87	68.2	41.73	32.34	10.53	31.27	123	152	P	H
CH 106		5458.96	61.66	-12.34	74	50.58	31.97	10.26	31.15	108	189	P	V
5530MHz		5469.04	63.38	-4.82	68.2	52.27	31.98	10.28	31.15	108	189	P	V
		5459.68	52.61	-1.39	54	41.52	31.97	10.27	31.15	108	189	A	V
	*	5530	105.78	-	-	94.59	32.02	10.34	31.17	108	189	P	V
	*	5530	95.33	-	-	84.14	32.02	10.34	31.17	108	189	A	V
		5751.77	53.43	-14.77	68.2	41.8	32.36	10.54	31.27	108	189	P	V
		5458.72	53.41	-20.59	74	42.33	31.97	10.26	31.15	103	247	P	H
		5460.88	42.34	-11.66	54	31.25	31.97	10.27	31.15	103	247	A	H
	*	5610	101.53	-	-	90.17	32.14	10.43	31.21	103	247	P	H
	*	5610	90.66	-	-	79.3	32.14	10.43	31.21	103	247	A	H
802.11ac		5755.55	53.6	-20.4	74	41.97	32.36	10.54	31.27	103	247	P	H
VHT80		5728.46	42.77	-11.23	54	31.2	32.31	10.52	31.26	103	247	A	H
CH 122		5467.12	54.54	-19.46	74	43.44	31.98	10.27	31.15	101	187	P	V
5610MHz		5452.72	43.79	-10.21	54	32.71	31.97	10.26	31.15	101	187	A	V
	*	5610	106.93	-	-	95.57	32.14	10.43	31.21	101	187	P	V
	*	5610	96.77	-	-	85.41	32.14	10.43	31.21	101	187	A	V
		5726.885	54.67	-19.33	74	43.1	32.31	10.52	31.26	101	187	P	V
		5725	44.34	-9.66	54	32.77	32.31	10.52	31.26	101	187	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	48.66	-25.34	74	48.54	40.45	16.15	56.48	100	0	P	H
		16590	47.59	-20.61	68.2	43.32	39.79	20.25	55.77	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	50.9	-23.1	74	50.78	40.45	16.15	56.48	119	246	P	V
5530MHz		11060	38.16	-15.84	54	38.04	40.45	16.15	56.48	119	246	A	V
		16590	47.47	-20.73	68.2	43.2	39.79	20.25	55.77	100	0	P	V
													V
		11220	48.99	-25.01	74	48.79	40.33	16.28	56.41	100	0	P	H
		16830	47.28	-26.72	74	42.47	40.32	20.45	55.96	100	0	P	H
802.11ac													H
VHT80													H
CH 122		11220	48.13	-25.87	74	47.93	40.33	16.28	56.41	100	0	P	V
5610MHz		16830	47.38	-26.62	74	42.57	40.32	20.45	55.96	100	0	P	V
													V
													V

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

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5412.79	54.01	-19.99	74	43	31.95	10.21	31.15	100	268	P	H
		5467.39	53.02	-15.18	68.2	41.92	31.98	10.27	31.15	100	268	P	H
		5403.04	41.53	-12.47	54	30.54	31.94	10.2	31.15	100	268	A	H
	*	5720	106.21	-	-	94.64	32.31	10.52	31.26	100	268	P	H
	*	5720	94.9	-	-	83.33	32.31	10.52	31.26	100	268	A	H
		5917	54.9	-13.3	68.2	43	32.58	10.67	31.35	100	268	P	H
		5440.48	54.67	-19.33	74	43.62	31.96	10.24	31.15	100	178	P	V
		5470	53.09	-15.11	68.2	41.98	31.98	10.28	31.15	100	178	P	V
		5452.96	42.23	-11.77	54	31.15	31.97	10.26	31.15	100	178	A	V
	*	5720	113.64	-	-	102.07	32.31	10.52	31.26	100	178	P	V
	*	5720	102.8	-	-	91.23	32.31	10.52	31.26	100	178	A	V
		5851.25	54.71	-13.49	68.2	42.93	32.48	10.62	31.32	100	178	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	48.89	-25.11	74	48.61	40.15	16.45	56.32	100	0	P	H
		17160	49.15	-19.05	68.2	43.56	41.3	20.71	56.42	100	0	P	H
													H
													H
		11440	48.77	-25.23	74	48.49	40.15	16.45	56.32	100	0	P	V
		17160	49.02	-19.18	68.2	43.43	41.3	20.71	56.42	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5455.3	53.76	-20.24	74	42.68	31.97	10.26	31.15	100	249	P	H
		5465.83	52.69	-15.51	68.2	41.59	31.98	10.27	31.15	100	249	P	H
		5452.96	41.31	-12.69	54	30.23	31.97	10.26	31.15	100	249	A	H
	*	5720	105.87	-	-	94.3	32.31	10.52	31.26	100	249	P	H
	*	5720	94.92	-	-	83.35	32.31	10.52	31.26	100	249	A	H
		5890	54.54	-13.66	68.2	42.67	32.56	10.65	31.34	100	249	P	H
		5445.94	54.07	-19.93	74	43	31.97	10.25	31.15	100	179	P	V
		5469.34	53.46	-14.74	68.2	42.35	31.98	10.28	31.15	100	179	P	V
		5452.57	41.87	-12.13	54	30.79	31.97	10.26	31.15	100	179	A	V
	*	5720	113.44	-	-	101.87	32.31	10.52	31.26	100	179	P	V
	*	5720	102.47	-	-	90.9	32.31	10.52	31.26	100	179	A	V
		5896.25	55.58	-12.62	68.2	43.71	32.56	10.65	31.34	100	179	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	48.57	-25.43	74	48.29	40.15	16.45	56.32	100	0	P	H
		17160	50	-18.2	68.2	44.41	41.3	20.71	56.42	100	0	P	H
802.11n													H
HT20													H
CH 144		11440	48.67	-25.33	74	48.39	40.15	16.45	56.32	100	0	P	V
5720MHz		17160	50.1	-18.1	68.2	44.51	41.3	20.71	56.42	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5448.28	53.72	-20.28	74	42.65	31.97	10.25	31.15	104	258	P	H
		5466.61	54.44	-13.76	68.2	43.34	31.98	10.27	31.15	104	258	P	H
		5445.55	42.35	-11.65	54	31.28	31.97	10.25	31.15	104	258	A	H
	*	5710	103.78	-	-	92.24	32.29	10.51	31.26	104	258	P	H
802.11n	*	5710	92.7	-	-	81.16	32.29	10.51	31.26	104	258	A	H
HT40		5923	54.94	-13.26	68.2	43.02	32.6	10.67	31.35	104	258	P	H
CH 142		5443.6	53.75	-20.25	74	42.69	31.96	10.25	31.15	113	165	P	V
5710MHz		5466.61	53.01	-15.19	68.2	41.91	31.98	10.27	31.15	113	165	P	V
		5452.57	42.53	-11.47	54	31.45	31.97	10.26	31.15	113	165	A	V
	*	5710	111.24	-	-	99.7	32.29	10.51	31.26	113	165	P	V
	*	5710	100.2	-	-	88.66	32.29	10.51	31.26	113	165	A	V
		5869	54.92	-13.28	68.2	43.11	32.51	10.63	31.33	113	165	P	V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	48.92	-25.08	74	48.65	40.17	16.43	56.33	100	0	P	H
		17130	49.68	-18.52	68.2	44.16	41.18	20.7	56.36	100	0	P	H
802.11n													H
HT40													H
CH 142		11420	48.4	-25.6	74	48.13	40.17	16.43	56.33	100	0	P	V
5710MHz		17130	50.3	-17.9	68.2	44.78	41.18	20.7	56.36	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5397.19	53.41	-20.59	74	42.42	31.94	10.2	31.15	100	272	P	H
		5465.05	53.49	-14.71	68.2	42.39	31.98	10.27	31.15	100	272	P	H
		5395.24	42.37	-11.63	54	31.38	31.94	10.2	31.15	100	272	A	H
	*	5690	100.59	-	-	89.08	32.27	10.49	31.25	100	272	P	H
802.11ac	*	5690	89.98	-	-	78.47	32.27	10.49	31.25	100	272	A	H
VHT80		5887.75	54.12	-14.08	68.2	42.25	32.56	10.65	31.34	100	272	P	H
CH 138		5457.64	54.29	-19.71	74	43.21	31.97	10.26	31.15	101	185	P	V
5690MHz		5464.66	53.75	-14.45	68.2	42.65	31.98	10.27	31.15	101	185	P	V
		5452.57	42.88	-11.12	54	31.8	31.97	10.26	31.15	101	185	A	V
	*	5690	107.2	-	-	95.69	32.27	10.49	31.25	101	185	P	V
	*	5690	97.03	-	-	85.52	32.27	10.49	31.25	101	185	A	V
		5876	54.84	-13.36	68.2	43	32.53	10.64	31.33	101	185	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	51.02	-22.98	74	50.77	40.19	16.41	56.35	100	275	P	H
		11380	37.91	-16.09	54	37.66	40.19	16.41	56.35	100	275	A	H
802.11ac		17070	49.66	-18.54	68.2	44.32	40.94	20.64	56.24	100	0	P	H
VHT80													H
CH 138		11380	51.08	-22.92	74	50.83	40.19	16.41	56.35	100	237	P	V
5690MHz		11380	37.87	-16.13	54	37.62	40.19	16.41	56.35	100	237	A	V
		17070	50.02	-18.18	68.2	44.68	40.94	20.64	56.24	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 LF		39.99	27.96	-12.04	40	38.16	19.28	0.85	30.33	-	-	P	H
		196.05	33.47	-10.03	43.5	46.88	14.85	2.06	30.32	-	-	P	H
		238.98	36.21	-9.79	46	47.12	17.08	2.26	30.25	100	0	P	H
		300.7	30.94	-15.06	46	39.52	19.1	2.46	30.14	-	-	P	H
		797.7	32.14	-13.86	46	29.51	27.96	3.96	29.29	-	-	P	H
		969.2	35.46	-18.54	54	29.09	30.85	4.46	28.94	-	-	P	H
													H
													H
													H
													H
													H
													H
		66.45	34.88	-5.12	40	52.22	11.97	1.15	30.46	100	0	P	V
		90.21	30.44	-13.06	43.5	44.89	14.64	1.35	30.44	-	-	P	V
		237.36	29.69	-16.31	46	40.72	16.97	2.25	30.25	-	-	P	V
		479.2	39.32	-6.68	46	42.67	23.43	3.04	29.82	-	-	P	V
		897.8	34.43	-11.57	46	30.42	28.9	4.25	29.14	-	-	P	V
		962.2	36.05	-17.95	54	29.64	30.93	4.44	28.96	-	-	P	V
													V
													V
													V
													V
													V
													V

Remark

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

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5145.08	57.93	-16.07	74	47.31	31.79	9.97	31.14	104	183	P	H
		5150	44.01	-9.99	54	33.38	31.79	9.98	31.14	104	183	A	H
	*	5180	112.75	-	-	102.06	31.81	10.02	31.14	104	183	P	H
	*	5180	101.96	-	-	91.27	31.81	10.02	31.14	104	183	A	H
													H
													H
		5131.04	53.69	-20.31	74	43.09	31.78	9.96	31.14	343	350	P	V
		5149.76	41.77	-12.23	54	31.14	31.79	9.98	31.14	343	350	A	V
	*	5180	107	-	-	96.31	31.81	10.02	31.14	343	350	P	V
	*	5180	96.27	-	-	85.58	31.81	10.02	31.14	343	350	A	V
													V
													V
802.11a CH 44 5220MHz		5145.86	56.19	-17.81	74	45.56	31.79	9.98	31.14	100	184	P	H
		5149.76	43.29	-10.71	54	32.66	31.79	9.98	31.14	100	184	A	H
	*	5220	114.45	-	-	103.7	31.83	10.06	31.14	100	184	P	H
	*	5220	104.55	-	-	93.8	31.83	10.06	31.14	100	184	A	H
		5450.48	54.48	-19.52	74	43.4	31.97	10.26	31.15	100	184	P	H
		5376.28	42.54	-11.46	54	31.59	31.92	10.18	31.15	100	184	A	H
		5137.8	54.03	-19.97	74	43.42	31.78	9.97	31.14	361	345	P	V
		5148.98	41.74	-12.26	54	31.11	31.79	9.98	31.14	361	345	A	V
	*	5220	110.56	-	-	99.81	31.83	10.06	31.14	361	345	P	V
	*	5220	100.15	-	-	89.4	31.83	10.06	31.14	361	345	A	V
		5397	53.68	-20.32	74	42.69	31.94	10.2	31.15	361	345	P	V
		5353.6	41.96	-12.04	54	31.04	31.91	10.16	31.15	361	345	A	V

802.11a CH 48 5240MHz		5140.92	53.13	-20.87	74	42.51	31.79	9.97	31.14	108	184	P	H
		5142.48	41.52	-12.48	54	30.9	31.79	9.97	31.14	108	184	A	H
	*	5240	113.03	-	-	102.26	31.84	10.07	31.14	108	184	P	H
	*	5240	102.04	-	-	91.27	31.84	10.07	31.14	108	184	A	H
		5362	54.45	-19.55	74	43.51	31.92	10.17	31.15	108	184	P	H
		5350.24	42.17	-11.83	54	31.25	31.91	10.16	31.15	108	184	A	H
		5132.08	52.78	-21.22	74	42.18	31.78	9.96	31.14	377	3	P	V
		5124.28	41.03	-12.97	54	30.44	31.78	9.95	31.14	377	3	A	V
	*	5240	107.37	-	-	96.6	31.84	10.07	31.14	377	3	P	V
	*	5240	96.22	-	-	85.45	31.84	10.07	31.14	377	3	A	V
		5407.92	53.38	-20.62	74	42.38	31.94	10.21	31.15	377	3	P	V
		5402.32	41.4	-12.6	54	30.41	31.94	10.2	31.15	377	3	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	48.71	-19.49	68.2	50.21	39.86	15.6	56.96	100	0	P	H
		15540	47.51	-26.49	74	46.04	38.53	19.59	56.65	100	0	P	H
													H
													H
		10360	48.69	-19.51	68.2	50.19	39.86	15.6	56.96	100	0	P	V
		15540	47.23	-26.77	74	45.76	38.53	19.59	56.65	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	49.42	-18.78	68.2	50.69	39.98	15.67	56.92	100	0	P	H
		15660	47.76	-26.24	74	46.34	38.29	19.64	56.51	100	0	P	H
													H
													H
		10440	49.53	-18.67	68.2	50.8	39.98	15.67	56.92	100	0	P	V
		15660	47.8	-26.2	74	46.38	38.29	19.64	56.51	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	49.28	-18.92	68.2	50.42	40.07	15.7	56.91	100	0	P	H
		15720	47.06	-26.94	74	45.7	38.15	19.65	56.44	100	0	P	H
													H
													H
		10480	48.9	-19.3	68.2	50.04	40.07	15.7	56.91	100	0	P	V
		15720	47.49	-26.51	74	46.13	38.15	19.65	56.44	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.98	57.81	-16.19	74	47.18	31.79	9.98	31.14	102	216	P	H
		5148.72	44.57	-9.43	54	33.94	31.79	9.98	31.14	102	216	A	H
	*	5180	113.88	-	-	103.19	31.81	10.02	31.14	102	216	P	H
	*	5180	102.34	-	-	91.65	31.81	10.02	31.14	102	216	A	H
802.11n													H
HT20													H
CH 36		5145.6	53.87	-20.13	74	43.25	31.79	9.97	31.14	362	356	P	V
5180MHz		5148.72	42.23	-11.77	54	31.6	31.79	9.98	31.14	362	356	A	V
	*	5180	107.69	-	-	97	31.81	10.02	31.14	362	356	P	V
	*	5180	96.61	-	-	85.92	31.81	10.02	31.14	362	356	A	V
													V
													V
		5149.76	54.31	-19.69	74	43.68	31.79	9.98	31.14	108	186	P	H
		5148.98	42.47	-11.53	54	31.84	31.79	9.98	31.14	108	186	A	H
	*	5220	113.68	-	-	102.93	31.83	10.06	31.14	108	186	P	H
	*	5220	102.13	-	-	91.38	31.83	10.06	31.14	108	186	A	H
802.11n		5397.56	54.55	-19.45	74	43.56	31.94	10.2	31.15	108	186	P	H
HT20		5354.44	42.11	-11.89	54	31.19	31.91	10.16	31.15	108	186	A	H
CH 44		5143.52	53.53	-20.47	74	42.91	31.79	9.97	31.14	398	356	P	V
5220MHz		5144.3	41.46	-12.54	54	30.84	31.79	9.97	31.14	398	356	A	V
	*	5220	108.12	-	-	97.37	31.83	10.06	31.14	398	356	P	V
	*	5220	96.5	-	-	85.75	31.83	10.06	31.14	398	356	A	V
		5451.04	53.68	-20.32	74	42.6	31.97	10.26	31.15	398	356	P	V
		5370.12	41.55	-12.45	54	30.6	31.92	10.18	31.15	398	356	A	V

		5148.72	53.87	-20.13	74	43.24	31.79	9.98	31.14	125	187	P	H
		5150	41.5	-12.5	54	30.87	31.79	9.98	31.14	125	187	A	H
	*	5240	113.35	-	-	102.58	31.84	10.07	31.14	125	187	P	H
	*	5240	101.74	-	-	90.97	31.84	10.07	31.14	125	187	A	H
802.11n		5369.56	54.15	-19.85	74	43.2	31.92	10.18	31.15	125	187	P	H
HT20		5354.16	42.06	-11.94	54	31.14	31.91	10.16	31.15	125	187	A	H
CH 48		5139.62	52.9	-21.1	74	42.28	31.79	9.97	31.14	373	356	P	V
5240MHz		5131.04	41.06	-12.94	54	30.46	31.78	9.96	31.14	373	356	A	V
	*	5240	108.28	-	-	97.51	31.84	10.07	31.14	373	356	P	V
	*	5240	96.69	-	-	85.92	31.84	10.07	31.14	373	356	A	V
		5440.4	53.82	-20.18	74	42.77	31.96	10.24	31.15	373	356	P	V
		5440.68	41.66	-12.34	54	30.61	31.96	10.24	31.15	373	356	A	V

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

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	48.76	-19.44	68.2	50.26	39.86	15.6	56.96	100	0	P	H
		15540	47.23	-26.77	74	45.76	38.53	19.59	56.65	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	49.81	-18.39	68.2	51.31	39.86	15.6	56.96	100	0	P	V
5180MHz		15540	47.16	-26.84	74	45.69	38.53	19.59	56.65	100	0	P	V
													V
													V
		10440	50.15	-18.05	68.2	51.42	39.98	15.67	56.92	100	0	P	H
		15660	48.17	-25.83	74	46.75	38.29	19.64	56.51	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	49.1	-19.1	68.2	50.37	39.98	15.67	56.92	100	0	P	V
5220MHz		15660	47.56	-26.44	74	46.14	38.29	19.64	56.51	100	0	P	V
													V
													V
		10480	49.66	-18.54	68.2	50.8	40.07	15.7	56.91	100	0	P	H
		15720	47.64	-26.36	74	46.28	38.15	19.65	56.44	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	50.33	-17.87	68.2	51.47	40.07	15.7	56.91	100	0	P	V
5240MHz		15720	47.12	-26.88	74	45.76	38.15	19.65	56.44	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5150	62.19	-11.81	74	51.56	31.79	9.98	31.14	100	217	P	H
		5150	51.91	-2.09	54	41.28	31.79	9.98	31.14	100	217	A	H
	*	5190	109.26	-	-	98.56	31.81	10.03	31.14	100	217	P	H
	*	5190	98.48	-	-	87.78	31.81	10.03	31.14	100	217	A	H
802.11n		5369.28	54.44	-19.56	74	43.49	31.92	10.18	31.15	100	217	P	H
HT40		5355.56	42.75	-11.25	54	31.83	31.91	10.16	31.15	100	217	A	H
CH 38		5150	56.51	-17.49	74	45.88	31.79	9.98	31.14	100	60	P	V
5190MHz		5150	46.32	-7.68	54	35.69	31.79	9.98	31.14	100	60	A	V
	*	5190	101.6	-	-	90.9	31.81	10.03	31.14	100	60	P	V
	*	5190	90.78	-	-	80.08	31.81	10.03	31.14	100	60	A	V
		5397.28	53.26	-20.74	74	42.27	31.94	10.2	31.15	100	60	P	V
		5382.72	42.37	-11.63	54	31.4	31.93	10.19	31.15	100	60	A	V
		5147.94	57.32	-16.68	74	46.69	31.79	9.98	31.14	111	188	P	H
		5150	43.66	-10.34	54	33.03	31.79	9.98	31.14	111	188	A	H
	*	5230	111.19	-	-	100.43	31.84	10.06	31.14	111	188	P	H
	*	5230	100.29	-	-	89.53	31.84	10.06	31.14	111	188	A	H
802.11n		5352.2	54.94	-19.06	74	44.02	31.91	10.16	31.15	111	188	P	H
HT40		5350	44	-10	54	33.08	31.91	10.16	31.15	111	188	A	H
CH 46		5131.56	52.96	-21.04	74	42.36	31.78	9.96	31.14	372	357	P	V
5230MHz		5140.14	42.34	-11.66	54	31.72	31.79	9.97	31.14	372	357	A	V
	*	5230	105.92	-	-	95.16	31.84	10.06	31.14	372	357	P	V
	*	5230	95.11	-	-	84.35	31.84	10.06	31.14	372	357	A	V
		5405.12	53.46	-20.54	74	42.46	31.94	10.21	31.15	372	357	P	V
		5363.4	42.61	-11.39	54	31.67	31.92	10.17	31.15	372	357	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	48.62	-19.58	68.2	50.06	39.89	15.62	56.95	100	0	P	H
		15570	47.12	-26.88	74	45.68	38.46	19.6	56.62	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	49.44	-18.76	68.2	50.88	39.89	15.62	56.95	100	0	P	V
5190MHz		15570	46.63	-27.37	74	45.19	38.46	19.6	56.62	100	0	P	V
													V
													V
		10460	49.7	-18.5	68.2	50.93	40.01	15.68	56.92	100	0	P	H
		15690	47.55	-26.45	74	46.16	38.22	19.64	56.47	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	50.15	-18.05	68.2	51.38	40.01	15.68	56.92	100	0	P	V
5230MHz		15690	47.48	-26.52	74	46.09	38.22	19.64	56.47	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.68	62.66	-11.34	74	52.03	31.79	9.98	31.14	107	215	P	H
		5147.68	52.34	-1.66	54	41.71	31.79	9.98	31.14	107	215	A	H
	*	5210	106.2	-	-	95.46	31.83	10.05	31.14	107	215	P	H
	*	5210	96.05	-	-	85.31	31.83	10.05	31.14	107	215	A	H
802.11ac		5409.32	54.96	-19.04	74	43.96	31.94	10.21	31.15	107	215	P	H
VHT80		5355.28	43.04	-10.96	54	32.12	31.91	10.16	31.15	107	215	A	H
CH 42		5145.08	58.79	-15.21	74	48.17	31.79	9.97	31.14	374	356	P	V
5210MHz		5150	47.25	-6.75	54	36.62	31.79	9.98	31.14	374	356	A	V
	*	5210	100.91	-	-	90.17	31.83	10.05	31.14	374	356	P	V
	*	5210	90.82	-	-	80.08	31.83	10.05	31.14	374	356	A	V
		5417.16	53.83	-20.17	74	42.81	31.95	10.22	31.15	374	356	P	V
		5396.44	42.49	-11.51	54	31.5	31.94	10.2	31.15	374	356	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	48.48	-19.72	68.2	49.81	39.95	15.65	56.93	100	0	P	H
		15630	47.35	-26.65	74	45.95	38.32	19.62	56.54	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	48.81	-19.39	68.2	50.14	39.95	15.65	56.93	100	0	P	V
5210MHz		15630	47.27	-26.73	74	45.87	38.32	19.62	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.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5143.48	53.02	-20.98	74	42.4	31.79	9.97	31.14	111	211	P	H
		5131.24	41.41	-12.59	54	30.81	31.78	9.96	31.14	111	211	A	H
	*	5260	114.95	-	-	104.15	31.86	10.09	31.15	111	211	P	H
	*	5260	103.62	-	-	92.82	31.86	10.09	31.15	111	211	A	H
		5355.6	55.34	-18.66	74	44.42	31.91	10.16	31.15	111	211	P	H
		5350.08	42.9	-11.1	54	31.98	31.91	10.16	31.15	111	211	A	H
		5120.36	53.15	-20.85	74	42.58	31.77	9.94	31.14	353	359	P	V
		5149.6	41.22	-12.78	54	30.59	31.79	9.98	31.14	353	359	A	V
	*	5260	109.3	-	-	98.5	31.86	10.09	31.15	353	359	P	V
	*	5260	98.15	-	-	87.35	31.86	10.09	31.15	353	359	A	V
		5354.16	53.58	-20.42	74	42.66	31.91	10.16	31.15	353	359	P	V
		5356.56	41.76	-12.24	54	30.83	31.91	10.17	31.15	353	359	A	V
802.11a CH 60 5300MHz		5119.68	52.96	-21.04	74	42.39	31.77	9.94	31.14	131	186	P	H
		5143.14	41.23	-12.77	54	30.61	31.79	9.97	31.14	131	186	A	H
	*	5300	115.46	-	-	104.61	31.88	10.12	31.15	131	186	P	H
	*	5300	104.43	-	-	93.58	31.88	10.12	31.15	131	186	A	H
		5350.08	58.45	-15.55	74	47.53	31.91	10.16	31.15	131	186	P	H
		5351.28	46.47	-7.53	54	35.55	31.91	10.16	31.15	131	186	A	H
		5126.14	53.05	-20.95	74	42.46	31.78	9.95	31.14	376	357	P	V
		5132.26	40.99	-13.01	54	30.39	31.78	9.96	31.14	376	357	A	V
	*	5300	110.37	-	-	99.52	31.88	10.12	31.15	376	357	P	V
	*	5300	99.25	-	-	88.4	31.88	10.12	31.15	376	357	A	V
		5357.76	55.25	-18.75	74	44.32	31.91	10.17	31.15	376	357	P	V
		5352.96	43.38	-10.62	54	32.46	31.91	10.16	31.15	376	357	A	V

802.11a CH 64 5320MHz	*	5320	114.42	-	-	103.54	31.89	10.14	31.15	106	208	P	H
	*	5320	103.32	-	-	92.44	31.89	10.14	31.15	106	208	A	H
		5350.56	60.21	-13.79	74	49.29	31.91	10.16	31.15	106	208	P	H
		5351.36	46.46	-7.54	54	35.54	31.91	10.16	31.15	106	208	A	H
													H
													H
	*	5320	108.63	-	-	97.75	31.89	10.14	31.15	400	351	P	V
	*	5320	97.32	-	-	86.44	31.89	10.14	31.15	400	351	A	V
		5352	55.28	-18.72	74	44.36	31.91	10.16	31.15	400	351	P	V
		5351.04	43.15	-10.85	54	32.23	31.91	10.16	31.15	400	351	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	48.57	-19.63	68.2	49.61	40.11	15.73	56.88	100	0	P	H
		15780	47.36	-26.64	74	45.99	38.05	19.68	56.36	100	0	P	H
													H
													H
		10520	49.57	-18.63	68.2	50.61	40.11	15.73	56.88	100	0	P	V
		15780	48.16	-25.84	74	46.79	38.05	19.68	56.36	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	50.71	-23.29	74	51.55	40.18	15.8	56.82	292	309	P	H
		10600	36.66	-17.34	54	37.5	40.18	15.8	56.82	292	309	A	H
		15900	47.51	-26.49	74	46.19	37.81	19.73	56.22	100	0	P	H
													H
		10600	50.73	-23.27	74	51.57	40.18	15.8	56.82	107	234	P	V
		10600	36.7	-17.3	54	37.54	40.18	15.8	56.82	107	234	A	V
		15900	51.98	-22.02	74	50.66	37.81	19.73	56.22	105	229	P	V
		15900	37.27	-16.73	54	35.95	37.81	19.73	56.22	105	229	A	V
802.11a CH 64 5320MHz		10640	50.99	-23.01	74	51.75	40.21	15.82	56.79	100	0	P	H
		10640	36.71	-17.29	54	37.47	40.21	15.82	56.79	100	0	A	H
		15960	46.9	-27.1	74	45.64	37.67	19.74	56.15	100	0	P	H
													H
		10640	50.87	-23.13	74	51.63	40.21	15.82	56.79	100	0	P	V
		10640	36.64	-17.36	54	37.4	40.21	15.82	56.79	100	0	A	V
		15960	47.02	-26.98	74	45.76	37.67	19.74	56.15	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5136.34	53.43	-20.57	74	42.83	31.78	9.96	31.14	100	217	P	H
		5148.24	41.29	-12.71	54	30.66	31.79	9.98	31.14	100	217	A	H
	*	5260	113.87	-	-	103.07	31.86	10.09	31.15	100	217	P	H
	*	5260	102.6	-	-	91.8	31.86	10.09	31.15	100	217	A	H
802.11n		5356.32	55.77	-18.23	74	44.84	31.91	10.17	31.15	100	217	P	H
HT20		5351.28	42.97	-11.03	54	32.05	31.91	10.16	31.15	100	217	A	H
CH 52		5042.5	53.05	-20.95	74	42.61	31.73	9.85	31.14	352	360	P	V
5260MHz		5146.2	40.94	-13.06	54	30.31	31.79	9.98	31.14	352	360	A	V
	*	5260	108.23	-	-	97.43	31.86	10.09	31.15	352	360	P	V
	*	5260	96.86	-	-	86.06	31.86	10.09	31.15	352	360	A	V
		5406.96	54.96	-19.04	74	43.96	31.94	10.21	31.15	352	360	P	V
		5352.96	41.52	-12.48	54	30.6	31.91	10.16	31.15	352	360	A	V
		5088.06	52.79	-21.21	74	42.27	31.75	9.91	31.14	109	210	P	H
		5149.6	40.99	-13.01	54	30.36	31.79	9.98	31.14	109	210	A	H
	*	5300	114.57	-	-	103.72	31.88	10.12	31.15	109	210	P	H
	*	5300	102.85	-	-	92	31.88	10.12	31.15	109	210	A	H
802.11n		5350.56	60.05	-13.95	74	49.13	31.91	10.16	31.15	109	210	P	H
HT20		5353.44	44.65	-9.35	54	33.73	31.91	10.16	31.15	109	210	A	H
CH 60		5108.46	53.28	-20.72	74	42.72	31.77	9.93	31.14	389	359	P	V
5300MHz		5145.18	41.06	-12.94	54	30.44	31.79	9.97	31.14	389	359	A	V
	*	5300	109.22	-	-	98.37	31.88	10.12	31.15	389	359	P	V
	*	5300	97.62	-	-	86.77	31.88	10.12	31.15	389	359	A	V
		5353.68	54.83	-19.17	74	43.91	31.91	10.16	31.15	389	359	P	V
		5365.92	42.14	-11.86	54	31.2	31.92	10.17	31.15	389	359	A	V

	*	5320	113.94	-	-	103.06	31.89	10.14	31.15	100	242	P	H
	*	5320	102.55	-	-	91.67	31.89	10.14	31.15	100	242	A	H
		5352.8	64.77	-9.23	74	53.85	31.91	10.16	31.15	100	242	P	H
		5351.2	46.62	-7.38	54	35.7	31.91	10.16	31.15	100	242	A	H
802.11n													H
HT20													H
CH 64	*	5320	107.93	-	-	97.05	31.89	10.14	31.15	376	330	P	V
5320MHz	*	5320	96.44	-	-	85.56	31.89	10.14	31.15	376	330	A	V
		5351.04	57.24	-16.76	74	46.32	31.91	10.16	31.15	376	330	P	V
		5351.04	42.66	-11.34	54	31.74	31.91	10.16	31.15	376	330	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	49.67	-18.53	68.2	50.71	40.11	15.73	56.88	100	0	P	H
		15780	47.84	-26.16	74	46.47	38.05	19.68	56.36	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	49.75	-18.45	68.2	50.79	40.11	15.73	56.88	100	0	P	V
5260MHz		15780	48.23	-25.77	74	46.86	38.05	19.68	56.36	100	0	P	V
													V
													V
		10600	50.95	-23.05	74	51.79	40.18	15.8	56.82	100	0	P	H
		10600	36.71	-17.29	54	37.55	40.18	15.8	56.82	100	0	A	H
802.11n		15900	47.02	-26.98	74	45.7	37.81	19.73	56.22	100	0	P	H
HT20													H
CH 60		10600	50.73	-23.27	74	51.57	40.18	15.8	56.82	100	0	P	V
5300MHz		10600	36.65	-17.35	54	37.49	40.18	15.8	56.82	100	0	A	V
		15900	47.67	-26.33	74	46.35	37.81	19.73	56.22	100	0	P	V
													V
		10640	50.9	-23.1	74	51.66	40.21	15.82	56.79	100	0	P	H
		10640	36.63	-17.37	54	37.39	40.21	15.82	56.79	100	0	A	H
802.11n		15960	46.8	-27.2	74	45.54	37.67	19.74	56.15	100	0	P	H
HT20													H
CH 64		10640	50.97	-23.03	74	51.73	40.21	15.82	56.79	100	0	P	V
5320MHz		10640	36.69	-17.31	54	37.45	40.21	15.82	56.79	100	0	A	V
		15960	46.61	-27.39	74	45.35	37.67	19.74	56.15	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5134.98	53.05	-20.95	74	42.45	31.78	9.96	31.14	121	211	P	H
		5114.58	42.18	-11.82	54	31.61	31.77	9.94	31.14	121	211	A	H
	*	5270	112.14	-	-	101.33	31.86	10.1	31.15	121	211	P	H
	*	5270	101.31	-	-	90.5	31.86	10.1	31.15	121	211	A	H
		5352	59.18	-14.82	74	48.26	31.91	10.16	31.15	121	211	P	H
		5350.08	45.36	-8.64	54	34.44	31.91	10.16	31.15	121	211	A	H
		5132.94	52.65	-21.35	74	42.05	31.78	9.96	31.14	388	350	P	V
		5119.34	41.65	-12.35	54	31.08	31.77	9.94	31.14	388	350	A	V
	*	5270	106.31	-	-	95.5	31.86	10.1	31.15	388	350	P	V
	*	5270	95.5	-	-	84.69	31.86	10.1	31.15	388	350	A	V
		5419.44	54.07	-19.93	74	43.05	31.95	10.22	31.15	388	350	P	V
		5351.04	42.91	-11.09	54	31.99	31.91	10.16	31.15	388	350	A	V
802.11n HT40 CH 62 5310MHz		5148.24	52.98	-21.02	74	42.35	31.79	9.98	31.14	100	209	P	H
		5140.76	41.8	-12.2	54	31.18	31.79	9.97	31.14	100	209	A	H
	*	5310	107.56	-	-	96.69	31.89	10.13	31.15	100	209	P	H
	*	5310	96.58	-	-	85.71	31.89	10.13	31.15	100	209	A	H
		5350.32	62.15	-11.85	74	51.23	31.91	10.16	31.15	100	209	P	H
		5350.8	52.02	-1.98	54	41.1	31.91	10.16	31.15	100	209	A	H
		5121.04	52.14	-21.86	74	41.56	31.77	9.95	31.14	384	356	P	V
		5140.42	41.64	-12.36	54	31.02	31.79	9.97	31.14	384	356	A	V
	*	5310	102.37	-	-	91.5	31.89	10.13	31.15	384	356	P	V
	*	5310	91.9	-	-	81.03	31.89	10.13	31.15	384	356	A	V
		5351.76	57.07	-16.93	74	46.15	31.91	10.16	31.15	384	356	P	V
		5350.8	46.44	-7.56	54	35.52	31.91	10.16	31.15	384	356	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	48.81	-25.19	74	49.8	40.13	15.75	56.87	100	0	P	H
		15810	47.59	-26.41	74	46.25	37.98	19.69	56.33	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	47.86	-26.14	74	48.85	40.13	15.75	56.87	100	0	P	V
5270MHz		15810	47.72	-26.28	74	46.38	37.98	19.69	56.33	100	0	P	V
													V
													V
		10620	50.39	-23.61	74	51.19	40.2	15.8	56.8	100	0	P	H
		10620	37.45	-16.55	54	38.25	40.2	15.8	56.8	100	0	A	H
802.11n		15930	45.64	-28.36	74	44.34	37.74	19.74	56.18	100	0	P	H
HT40													H
CH 62		10620	50.56	-23.44	74	51.36	40.2	15.8	56.8	100	0	P	V
5310MHz		10620	37.51	-16.49	54	38.31	40.2	15.8	56.8	100	0	A	V
		15930	46.35	-27.65	74	45.05	37.74	19.74	56.18	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5090.78	53.17	-20.83	74	42.64	31.76	9.91	31.14	117	209	P	H
		5052.02	41.9	-12.1	54	31.45	31.73	9.86	31.14	117	209	A	H
	*	5290	103.33	-	-	92.5	31.87	10.11	31.15	117	209	P	H
	*	5290	93.2	-	-	82.37	31.87	10.11	31.15	117	209	A	H
802.11ac		5358.72	62.32	-11.68	74	51.39	31.91	10.17	31.15	117	209	P	H
VHT80		5350.08	52.62	-1.38	54	41.7	31.91	10.16	31.15	117	209	A	H
CH 58		5100.98	52.97	-21.03	74	42.43	31.76	9.92	31.14	387	357	P	V
5290MHz		5149.94	41.62	-12.38	54	30.99	31.79	9.98	31.14	387	357	A	V
	*	5290	98.43	-	-	87.6	31.87	10.11	31.15	387	357	P	V
	*	5290	88.35	-	-	77.52	31.87	10.11	31.15	387	357	A	V
		5352.96	56.73	-17.27	74	45.81	31.91	10.16	31.15	387	357	P	V
		5350.56	46.9	-7.1	54	35.98	31.91	10.16	31.15	387	357	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	50.21	-17.99	68.2	51.1	40.17	15.78	56.84	100	0	P	H
		15870	47.22	-26.78	74	45.93	37.84	19.71	56.26	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	49.26	-18.94	68.2	50.15	40.17	15.78	56.84	100	0	P	V
5290MHz		15870	45.93	-28.07	74	44.64	37.84	19.71	56.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5469.36	59.36	-14.64	74	48.25	31.98	10.28	31.15	100	236	P	H
		5469.36	46.22	-7.78	54	35.11	31.98	10.28	31.15	100	236	A	H
	*	5500	114.32	-	-	103.16	32	10.31	31.15	100	236	P	H
	*	5500	102.9	-	-	91.74	32	10.31	31.15	100	236	A	H
													H
													H
		5458.32	54.1	-19.9	74	43.02	31.97	10.26	31.15	334	338	P	V
		5469.68	43.04	-10.96	54	31.93	31.98	10.28	31.15	334	338	A	V
	*	5500	108.34	-	-	97.18	32	10.31	31.15	334	338	P	V
	*	5500	96.94	-	-	85.78	32	10.31	31.15	334	338	A	V
													V
													V
802.11a CH 116 5580MHz		5384.32	54.06	-19.94	74	43.09	31.93	10.19	31.15	114	181	P	H
		5467.84	41.87	-12.13	54	30.77	31.98	10.27	31.15	114	181	A	H
	*	5580	114.34	-	-	103.04	32.1	10.4	31.2	114	181	P	H
	*	5580	103.1	-	-	91.8	32.1	10.4	31.2	114	181	A	H
		5742.005	54.57	-19.43	74	42.97	32.34	10.53	31.27	114	181	P	H
		5729.72	42.42	-11.58	54	30.85	32.31	10.52	31.26	114	181	A	H
		5462.08	53.55	-20.45	74	42.46	31.97	10.27	31.15	398	2	P	V
		5465.2	41.53	-12.47	54	30.43	31.98	10.27	31.15	398	2	A	V
	*	5580	107.57	-	-	96.27	32.1	10.4	31.2	398	2	P	V
	*	5580	96.58	-	-	85.28	32.1	10.4	31.2	398	2	A	V
		5747.99	54.04	-19.96	74	42.43	32.34	10.54	31.27	398	2	P	V
		5735.39	42.11	-11.89	54	30.51	32.34	10.53	31.27	398	2	A	V

802.11a CH 140 5700MHz	*	5700	114.17	-	-	102.65	32.27	10.5	31.25	100	238	P	H
	*	5700	102.91	-	-	91.39	32.27	10.5	31.25	100	238	A	H
		5728.44	65.09	-8.91	74	53.52	32.31	10.52	31.26	100	238	P	H
		5725.16	48.54	-5.46	54	36.97	32.31	10.52	31.26	100	238	A	H
													H
													H
	*	5700	106.8	-	-	95.28	32.27	10.5	31.25	331	340	P	V
	*	5700	95.61	-	-	84.09	32.27	10.5	31.25	331	340	A	V
		5726.6	58.09	-15.91	74	46.52	32.31	10.52	31.26	331	340	P	V
		5725	43.64	-10.36	54	32.07	32.31	10.52	31.26	331	340	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	50.78	-23.22	74	50.68	40.5	16.1	56.5	100	0	P	H
		11000	36.94	-17.06	54	36.84	40.5	16.1	56.5	100	0	A	H
		16500	47.39	-26.61	74	43.31	39.6	20.18	55.7	100	0	P	H
													H
		11000	50.92	-23.08	74	50.82	40.5	16.1	56.5	100	0	P	V
		11000	37.1	-16.9	54	37	40.5	16.1	56.5	100	0	A	V
		16500	47.7	-26.3	74	43.62	39.6	20.18	55.7	100	0	P	V
													V
802.11a CH 116 5580MHz		11160	51.07	-22.93	74	50.91	40.37	16.23	56.44	130	245	P	H
		11160	37.24	-16.76	54	37.08	40.37	16.23	56.44	130	245	A	H
		16740	48.34	-25.66	74	43.73	40.13	20.37	55.89	100	0	P	H
													H
		11160	50.7	-23.3	74	50.54	40.37	16.23	56.44	171	314	P	V
		11160	37.17	-16.83	54	37.01	40.37	16.23	56.44	171	314	A	V
		16740	48.3	-25.7	74	43.69	40.13	20.37	55.89	100	0	P	V
													V
802.11a CH 140 5700MHz		11400	50.75	-23.25	74	50.49	40.18	16.42	56.34	100	0	P	H
		11400	36.93	-17.07	54	36.67	40.18	16.42	56.34	100	0	A	H
		17100	48.97	-25.03	74	43.54	41.06	20.67	56.3	100	0	P	H
													H
		11400	48.82	-25.18	74	48.56	40.18	16.42	56.34	100	0	P	V
		17100	53.46	-20.54	74	48.03	41.06	20.67	56.3	121	301	P	V
		17100	39.13	-14.87	54	33.7	41.06	20.67	56.3	121	301	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5450.16	58.49	-15.51	74	47.41	31.97	10.26	31.15	100	236	P	H
		5469.04	46.2	-7.8	54	35.09	31.98	10.28	31.15	100	236	A	H
	*	5500	113.52	-	-	102.36	32	10.31	31.15	100	236	P	H
	*	5500	102.23	-	-	91.07	32	10.31	31.15	100	236	A	H
802.11n													H
HT20													H
CH 100		5465.84	55.87	-18.13	74	44.77	31.98	10.27	31.15	378	355	P	V
5500MHz		5469.04	43.3	-10.7	54	32.19	31.98	10.28	31.15	378	355	A	V
	*	5500	108.66	-	-	97.5	32	10.31	31.15	378	355	P	V
	*	5500	96.24	-	-	85.08	32	10.31	31.15	378	355	A	V
													V
													V
		5424.64	54.07	-19.93	74	43.04	31.95	10.23	31.15	100	239	P	H
		5450.8	41.74	-12.26	54	30.66	31.97	10.26	31.15	100	239	A	H
	*	5580	113.4	-	-	102.1	32.1	10.4	31.2	100	239	P	H
	*	5580	102.07	-	-	90.77	32.1	10.4	31.2	100	239	A	H
802.11n		5736.965	55.28	-18.72	74	43.68	32.34	10.53	31.27	100	239	P	H
HT20		5725	42.71	-11.29	54	31.14	32.31	10.52	31.26	100	239	A	H
CH 116		5435.2	54.17	-19.83	74	43.12	31.96	10.24	31.15	316	2	P	V
5580MHz		5464.48	41.48	-12.52	54	30.38	31.98	10.27	31.15	316	2	A	V
	*	5580	107.4	-	-	96.1	32.1	10.4	31.2	316	2	P	V
	*	5580	95.82	-	-	84.52	32.1	10.4	31.2	316	2	A	V
		5739.485	52.38	-21.62	74	40.78	32.34	10.53	31.27	316	2	P	V
		5730.35	41.91	-12.09	54	30.35	32.31	10.52	31.27	316	2	A	V

	*	5700	113.09	-	-	101.57	32.27	10.5	31.25	100	234	P	H
	*	5700	101.48	-	-	89.96	32.27	10.5	31.25	100	234	A	H
		5727	65.18	-3.02	68.2	53.61	32.31	10.52	31.26	100	234	P	H
													H
802.11n													H
HT20													H
CH 140	*	5700	106.62	-	-	95.1	32.27	10.5	31.25	389	90	P	V
5700MHz	*	5700	95.05	-	-	83.53	32.27	10.5	31.25	389	90	A	V
		5726.28	58.26	-9.94	68.2	46.69	32.31	10.52	31.26	389	90	P	V
													V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	51.08	-22.92	74	50.98	40.5	16.1	56.5	100	0	P	H
		11000	37.06	-16.94	54	36.96	40.5	16.1	56.5	100	0	A	H
802.11n		16500	47.73	-26.27	74	43.65	39.6	20.18	55.7	100	0	P	H
HT20													H
CH 100		11000	51.06	-22.94	74	50.96	40.5	16.1	56.5	100	0	P	V
5500MHz		11000	37.03	-16.97	54	36.93	40.5	16.1	56.5	100	0	A	V
		16500	46.88	-27.12	74	42.8	39.6	20.18	55.7	100	0	P	V
													V
		11160	48.94	-25.06	74	48.78	40.37	16.23	56.44	100	0	P	H
		16740	48.65	-25.35	74	44.04	40.13	20.37	55.89	100	0	P	H
802.11n													H
HT20													H
CH 116		11160	51.32	-22.68	74	51.16	40.37	16.23	56.44	100	0	P	V
5580MHz		11160	37.11	-16.89	54	36.95	40.37	16.23	56.44	100	0	A	V
		16740	48.22	-25.78	74	43.61	40.13	20.37	55.89	100	0	P	V
													V
		11400	50.77	-23.23	74	50.51	40.18	16.42	56.34	100	0	P	H
		11400	36.73	-17.27	54	36.47	40.18	16.42	56.34	100	0	A	H
802.11n		17100	49.47	-18.73	68.2	44.04	41.06	20.67	56.3	100	0	P	H
HT20													H
CH 140		11400	48.66	-25.34	74	48.4	40.18	16.42	56.34	100	0	P	V
5700MHz		17100	51.1	-17.1	68.2	45.67	41.06	20.67	56.3	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5459.2	60.73	-13.27	74	49.64	31.97	10.27	31.15	101	235	P	H
		5469.76	66.31	-1.89	68.2	55.2	31.98	10.28	31.15	101	235	P	H
		5459.92	48.81	-5.19	54	37.72	31.97	10.27	31.15	101	235	A	H
	*	5510	108.81	-	-	97.65	32	10.32	31.16	101	235	P	H
802.11n	*	5510	98.25	-	-	87.09	32	10.32	31.16	101	235	A	H
HT40		5734.445	54.88	-13.32	68.2	43.31	32.31	10.53	31.27	101	235	P	H
CH 102		5459.2	55.37	-18.63	74	44.28	31.97	10.27	31.15	375	0	P	V
5510MHz		5470	62.66	-5.54	68.2	51.55	31.98	10.28	31.15	375	0	P	V
		5459.92	44.63	-9.37	54	33.54	31.97	10.27	31.15	375	0	A	V
	*	5510	104.1	-	-	92.94	32	10.32	31.16	375	0	P	V
	*	5510	93.22	-	-	82.06	32	10.32	31.16	375	0	A	V
		5741.375	53.27	-14.93	68.2	41.67	32.34	10.53	31.27	375	0	P	V
		5463.28	56.7	-17.3	74	45.6	31.98	10.27	31.15	100	236	P	H
		5469.76	44.03	-9.97	54	32.92	31.98	10.28	31.15	100	236	A	H
	*	5550	111.09	-	-	99.83	32.07	10.36	31.17	100	236	P	H
	*	5550	100.13	-	-	88.87	32.07	10.36	31.17	100	236	A	H
802.11n		5737.28	54.21	-19.79	74	42.61	32.34	10.53	31.27	100	236	P	H
HT40		5738.54	43.33	-10.67	54	31.73	32.34	10.53	31.27	100	236	A	H
CH 110		5466.64	53.82	-20.18	74	42.72	31.98	10.27	31.15	336	2	P	V
5550MHz		5467.12	42.71	-11.29	54	31.61	31.98	10.27	31.15	336	2	A	V
	*	5550	105.61	-	-	94.35	32.07	10.36	31.17	336	2	P	V
	*	5550	94.56	-	-	83.3	32.07	10.36	31.17	336	2	A	V
		5765	53.49	-20.51	74	41.86	32.36	10.55	31.28	336	2	P	V
		5726.885	42.65	-11.35	54	31.08	32.31	10.52	31.26	336	2	A	V

		5408.45	53.75	-20.25	74	42.75	31.94	10.21	31.15	104	237	P	H
		5414.05	42.56	-11.44	54	31.54	31.95	10.22	31.15	104	237	A	H
	*	5670	112.07	-	-	100.58	32.24	10.48	31.23	104	237	P	H
	*	5670	101.01	-	-	89.52	32.24	10.48	31.23	104	237	A	H
802.11n		5725.45	61.05	-12.95	74	49.48	32.31	10.52	31.26	104	237	P	H
HT40		5725.1	48.44	-5.56	54	36.87	32.31	10.52	31.26	104	237	A	H
CH 134		5390.25	53.31	-20.69	74	42.34	31.93	10.19	31.15	316	340	P	V
5670MHz		5457.45	42.3	-11.7	54	31.22	31.97	10.26	31.15	316	340	A	V
	*	5670	104.19	-	-	92.7	32.24	10.48	31.23	316	340	P	V
	*	5670	93.18	-	-	81.69	32.24	10.48	31.23	316	340	A	V
		5740.675	55.22	-18.78	74	43.62	32.34	10.53	31.27	316	340	P	V
		5727.725	44.02	-9.98	54	32.45	32.31	10.52	31.26	316	340	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	51.39	-22.61	74	51.27	40.49	16.12	56.49	100	0	P	H
		11020	38.08	-15.92	54	37.96	40.49	16.12	56.49	100	0	A	H
802.11n		16530	46.5	-21.7	68.2	42.34	39.68	20.2	55.72	100	0	P	H
HT40													H
CH 102		11020	51.16	-22.84	74	51.04	40.49	16.12	56.49	100	0	P	V
5510MHz		11020	38	-16	54	37.88	40.49	16.12	56.49	100	0	A	V
		16530	46.84	-21.36	68.2	42.68	39.68	20.2	55.72	100	0	P	V
													V
		11100	48.93	-25.07	74	48.79	40.42	16.18	56.46	100	0	P	H
		16650	48.35	-25.65	74	43.93	39.94	20.3	55.82	100	0	P	H
802.11n													H
HT40													H
CH 110		11100	51.19	-22.81	74	51.05	40.42	16.18	56.46	100	0	P	V
5550MHz		11100	37.58	-16.42	54	37.44	40.42	16.18	56.46	100	0	A	V
		16650	47.94	-26.06	74	43.52	39.94	20.3	55.82	100	0	P	V
													V
		11340	50.68	-23.32	74	50.43	40.23	16.38	56.36	100	0	P	H
		11340	37.64	-16.36	54	37.39	40.23	16.38	56.36	100	0	A	H
802.11n		17010	51.75	-22.25	74	46.52	40.76	20.59	56.12	102	313	P	H
HT40		17010	38.08	-15.92	54	32.85	40.76	20.59	56.12	102	313	A	H
CH 134		11340	51.49	-22.51	74	51.24	40.23	16.38	56.36	100	0	P	V
5670MHz		11340	37.7	-16.3	54	37.45	40.23	16.38	56.36	100	0	A	V
		17010	52.13	-21.87	74	46.9	40.76	20.59	56.12	110	305	P	V
		17010	38.92	-15.08	54	33.69	40.76	20.59	56.12	110	305	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5457.76	62.74	-11.26	74	51.66	31.97	10.26	31.15	110	180	P	H
		5467.6	63.97	-4.23	68.2	52.87	31.98	10.27	31.15	110	180	P	H
		5458.72	52.43	-1.57	54	41.35	31.97	10.26	31.15	110	180	A	H
	*	5530	105.59	-	-	94.4	32.02	10.34	31.17	110	180	P	H
802.11ac	*	5530	95.43	-	-	84.24	32.02	10.34	31.17	110	180	A	H
VHT80		5742.635	53.92	-14.28	68.2	42.32	32.34	10.53	31.27	110	180	P	H
CH 106		5459.92	59.3	-14.7	74	48.21	31.97	10.27	31.15	353	359	P	V
5530MHz		5468.32	59.42	-8.78	68.2	48.31	31.98	10.28	31.15	353	359	P	V
		5458.24	47.69	-6.31	54	36.61	31.97	10.26	31.15	353	359	A	V
	*	5530	100.78	-	-	89.59	32.02	10.34	31.17	353	359	P	V
	*	5530	90.5	-	-	79.31	32.02	10.34	31.17	353	359	A	V
		5754.605	53.8	-14.4	68.2	42.17	32.36	10.54	31.27	353	359	P	V
		5467.6	54.45	-19.55	74	43.35	31.98	10.27	31.15	100	237	P	H
		5465.92	43.77	-10.23	54	32.67	31.98	10.27	31.15	100	237	A	H
	*	5610	108.02	-	-	96.66	32.14	10.43	31.21	100	237	P	H
	*	5610	97.64	-	-	86.28	32.14	10.43	31.21	100	237	A	H
802.11ac		5725.94	56.95	-17.05	74	45.38	32.31	10.52	31.26	100	237	P	H
VHT80		5728.145	45.82	-8.18	54	34.25	32.31	10.52	31.26	100	237	A	H
CH 122		5435.68	54.3	-19.7	74	43.25	31.96	10.24	31.15	400	356	P	V
5610MHz		5448.64	42.37	-11.63	54	31.3	31.97	10.25	31.15	400	356	A	V
	*	5610	100.01	-	-	88.65	32.14	10.43	31.21	400	356	P	V
	*	5610	89.79	-	-	78.43	32.14	10.43	31.21	400	356	A	V
		5739.17	54.14	-19.86	74	42.54	32.34	10.53	31.27	400	356	P	V
		5745.785	42.77	-11.23	54	31.16	32.34	10.54	31.27	400	356	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	48.79	-25.21	74	48.67	40.45	16.15	56.48	100	0	P	H
		16590	46.85	-21.35	68.2	42.58	39.79	20.25	55.77	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	48.79	-25.21	74	48.67	40.45	16.15	56.48	100	0	P	V
5530MHz		16590	46.42	-21.78	68.2	42.15	39.79	20.25	55.77	100	0	P	V
													V
													V
		11220	48.88	-25.12	74	48.68	40.33	16.28	56.41	100	0	P	H
		16830	48.37	-25.63	74	43.56	40.32	20.45	55.96	100	0	P	H
802.11ac													H
VHT80													H
CH 122		11220	48.98	-25.02	74	48.78	40.33	16.28	56.41	100	0	P	V
5610MHz		16830	48.49	-25.51	74	43.68	40.32	20.45	55.96	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5392.51	54.02	-19.98	74	43.05	31.93	10.19	31.15	100	229	P	H
		5467.78	53.41	-14.79	68.2	42.31	31.98	10.27	31.15	100	229	P	H
		5389	41.4	-12.6	54	30.43	31.93	10.19	31.15	100	229	A	H
	*	5720	113.06	-	-	101.49	32.31	10.52	31.26	100	229	P	H
	*	5720	101.79	-	-	90.22	32.31	10.52	31.26	100	229	A	H
		5879.75	54	-14.2	68.2	42.16	32.53	10.64	31.33	100	229	P	H
		5422.15	53.47	-20.53	74	42.45	31.95	10.22	31.15	385	340	P	V
		5468.17	52.47	-15.73	68.2	41.37	31.98	10.27	31.15	385	340	P	V
		5456.47	41.44	-12.56	54	30.36	31.97	10.26	31.15	385	340	A	V
	*	5720	105.56	-	-	93.99	32.31	10.52	31.26	385	340	P	V
	*	5720	94.51	-	-	82.94	32.31	10.52	31.26	385	340	A	V
		5865	54.26	-13.94	68.2	42.45	32.51	10.63	31.33	385	340	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	48.86	-25.14	74	48.58	40.15	16.45	56.32	100	0	P	H
		17160	49.99	-18.21	68.2	44.4	41.3	20.71	56.42	100	0	P	H
													H
													H
		11440	50.44	-23.56	74	50.16	40.15	16.45	56.32	100	0	P	V
		11440	36.68	-17.32	54	36.4	40.15	16.45	56.32	100	0	A	V
		17160	51.14	-17.06	68.2	45.55	41.3	20.71	56.42	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5418.25	52.6	-21.4	74	41.58	31.95	10.22	31.15	100	232	P	H
		5469.73	52.25	-15.95	68.2	41.14	31.98	10.28	31.15	100	232	P	H
		5407.72	41.61	-12.39	54	30.61	31.94	10.21	31.15	100	232	A	H
	*	5720	112.42	-	-	100.85	32.31	10.52	31.26	100	232	P	H
	*	5720	101.09	-	-	89.52	32.31	10.52	31.26	100	232	A	H
		5878.75	55.63	-12.57	68.2	43.79	32.53	10.64	31.33	100	232	P	H
		5364.82	52.88	-21.12	74	41.94	31.92	10.17	31.15	352	80	P	V
		5466.22	51.93	-16.27	68.2	40.83	31.98	10.27	31.15	352	80	P	V
		5455.69	41.37	-12.63	54	30.29	31.97	10.26	31.15	352	80	A	V
	*	5720	105.56	-	-	93.99	32.31	10.52	31.26	352	80	P	V
	*	5720	94.63	-	-	83.06	32.31	10.52	31.26	352	80	A	V
		5949	53.81	-14.39	68.2	41.86	32.63	10.69	31.37	352	80	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	51.07	-22.93	74	50.79	40.15	16.45	56.32	100	0	P	H
		11440	36.8	-17.2	54	36.52	40.15	16.45	56.32	100	0	A	H
802.11n		17160	49.63	-18.57	68.2	44.04	41.3	20.71	56.42	100	0	P	H
HT20													H
CH 144		11440	48.51	-25.49	74	48.23	40.15	16.45	56.32	100	0	P	V
5720MHz		17160	51.02	-17.18	68.2	45.43	41.3	20.71	56.42	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		5402.65	53.08	-20.92	74	42.09	31.94	10.2	31.15	100	223	P	H
		5464.27	52.52	-15.68	68.2	41.42	31.98	10.27	31.15	100	223	P	H
		5440.87	42.41	-11.59	54	31.36	31.96	10.24	31.15	100	223	A	H
	*	5710	110.54	-	-	99	32.29	10.51	31.26	100	223	P	H
	*	5710	99.64	-	-	88.1	32.29	10.51	31.26	100	223	A	H
		5863.25	55.49	-12.71	68.2	43.68	32.51	10.63	31.33	100	223	P	H
		5441.65	53.65	-20.35	74	42.59	31.96	10.25	31.15	331	332	P	V
		5461.15	52.88	-15.32	68.2	41.79	31.97	10.27	31.15	331	332	P	V
		5444.38	42.08	-11.92	54	31.02	31.96	10.25	31.15	331	332	A	V
	*	5710	102.5	-	-	90.96	32.29	10.51	31.26	331	332	P	V
	*	5710	91.52	-	-	79.98	32.29	10.51	31.26	331	332	A	V
		5858.5	53.51	-14.69	68.2	41.71	32.51	10.62	31.33	331	332	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	48.77	-25.23	74	48.5	40.17	16.43	56.33	100	0	P	H
		17130	49.59	-18.61	68.2	44.07	41.18	20.7	56.36	100	0	P	H
802.11n													H
HT40													H
CH 142		11420	50.43	-23.57	74	50.16	40.17	16.43	56.33	100	0	P	V
5710MHz		11420	37.52	-16.48	54	37.25	40.17	16.43	56.33	100	0	A	V
		17130	49.26	-18.94	68.2	43.74	41.18	20.7	56.36	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5458.03	53.54	-20.46	74	42.46	31.97	10.26	31.15	100	175	P	H
		5466.22	52.51	-15.69	68.2	41.41	31.98	10.27	31.15	100	175	P	H
		5459.98	42.17	-11.83	54	31.08	31.97	10.27	31.15	100	175	A	H
	*	5690	107.04	-	-	95.53	32.27	10.49	31.25	100	175	P	H
802.11ac	*	5690	96.68	-	-	85.17	32.27	10.49	31.25	100	175	A	H
VHT80		5942.25	54.84	-13.36	68.2	42.89	32.63	10.69	31.37	100	175	P	H
CH 138		5435.02	53.99	-20.01	74	42.94	31.96	10.24	31.15	390	359	P	V
5690MHz		5461.15	53.51	-14.69	68.2	42.42	31.97	10.27	31.15	390	359	P	V
		5448.67	42.36	-11.64	54	31.29	31.97	10.25	31.15	390	359	A	V
	*	5690	99.89	-	-	88.38	32.27	10.49	31.25	390	359	P	V
	*	5690	89.81	-	-	78.3	32.27	10.49	31.25	390	359	A	V
		5935.75	53.54	-14.66	68.2	41.63	32.6	10.68	31.37	390	359	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	48.94	-25.06	74	48.69	40.19	16.41	56.35	100	0	P	H
		17070	49.42	-18.78	68.2	44.08	40.94	20.64	56.24	100	0	P	H
802.11ac													H
VHT80													H
CH 138		11380	48.8	-25.2	74	48.55	40.19	16.41	56.35	100	0	P	V
5690MHz		17070	49.48	-18.72	68.2	44.14	40.94	20.64	56.24	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5145.86	56.94	-17.06	74	46.31	31.79	9.98	31.14	107	184	P	H
		5147.94	44.6	-9.4	54	33.97	31.79	9.98	31.14	107	184	A	H
	*	5180	114.72	-	-	104.03	31.81	10.02	31.14	107	184	P	H
	*	5180	103.91	-	-	93.22	31.81	10.02	31.14	107	184	A	H
													H
													H
		5147.68	62.2	-11.8	74	51.57	31.79	9.98	31.14	146	180	P	V
		5149.5	44.66	-9.34	54	34.03	31.79	9.98	31.14	146	180	A	V
	*	5180	112.27	-	-	101.58	31.81	10.02	31.14	146	180	P	V
	*	5180	101.37	-	-	90.68	31.81	10.02	31.14	146	180	A	V
													V
													V
802.11a CH 44 5220MHz		5148.2	54.56	-19.44	74	43.93	31.79	9.98	31.14	120	186	P	H
		5149.76	43.23	-10.77	54	32.6	31.79	9.98	31.14	120	186	A	H
	*	5220	117.38	-	-	106.63	31.83	10.06	31.14	120	186	P	H
	*	5220	106.67	-	-	95.92	31.83	10.06	31.14	120	186	A	H
		5405.12	54.62	-19.38	74	43.62	31.94	10.21	31.15	120	186	P	H
		5360.6	42.48	-11.52	54	31.54	31.92	10.17	31.15	120	186	A	H
		5146.38	56.67	-17.33	74	46.04	31.79	9.98	31.14	100	203	P	V
		5148.98	42.26	-11.74	54	31.63	31.79	9.98	31.14	100	203	A	V
	*	5220	115.35	-	-	104.6	31.83	10.06	31.14	100	203	P	V
	*	5220	104.95	-	-	94.2	31.83	10.06	31.14	100	203	A	V
		5387.76	54.28	-19.72	74	43.31	31.93	10.19	31.15	100	203	P	V
		5354.72	42.45	-11.55	54	31.53	31.91	10.16	31.15	100	203	A	V

802.11a CH 48 5240MHz		5115.44	53.92	-20.08	74	43.35	31.77	9.94	31.14	100	185	P	H
		5150	41.57	-12.43	54	30.94	31.79	9.98	31.14	100	185	A	H
	*	5240	114.06	-	-	103.29	31.84	10.07	31.14	100	185	P	H
	*	5240	103.66	-	-	92.89	31.84	10.07	31.14	100	185	A	H
		5396.72	55.09	-18.91	74	44.1	31.94	10.2	31.15	100	185	P	H
		5367.32	42.3	-11.7	54	31.36	31.92	10.17	31.15	100	185	A	H
		5144.04	53.6	-20.4	74	42.98	31.79	9.97	31.14	100	182	P	V
		5145.6	41.31	-12.69	54	30.69	31.79	9.97	31.14	100	182	A	V
	*	5240	112.15	-	-	101.38	31.84	10.07	31.14	100	182	P	V
	*	5240	101.96	-	-	91.19	31.84	10.07	31.14	100	182	A	V
		5365.08	54.39	-19.61	74	43.45	31.92	10.17	31.15	100	182	P	V
		5453	42.16	-11.84	54	31.08	31.97	10.26	31.15	100	182	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	47.62	-20.58	68.2	49.12	39.86	15.6	56.96	100	0	P	H
		15540	46.05	-27.95	74	44.58	38.53	19.59	56.65	100	0	P	H
													H
													H
		10360	49.19	-19.01	68.2	50.69	39.86	15.6	56.96	100	0	P	V
		15540	46.76	-27.24	74	45.29	38.53	19.59	56.65	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	48.95	-19.25	68.2	50.22	39.98	15.67	56.92	100	0	P	H
		15660	47.64	-26.36	74	46.22	38.29	19.64	56.51	100	0	P	H
													H
													H
		10440	47.98	-20.22	68.2	49.25	39.98	15.67	56.92	100	0	P	V
		15660	47.28	-26.72	74	45.86	38.29	19.64	56.51	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	48.61	-19.59	68.2	49.75	40.07	15.7	56.91	100	0	P	H
		15720	46.29	-27.71	74	44.93	38.15	19.65	56.44	100	0	P	H
													H
													H
		10480	49.33	-18.87	68.2	50.47	40.07	15.7	56.91	100	0	P	V
		15720	46.61	-27.39	74	45.25	38.15	19.65	56.44	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.16	59.13	-14.87	74	48.5	31.79	9.98	31.14	100	188	P	H
		5148.2	44.65	-9.35	54	34.02	31.79	9.98	31.14	100	188	A	H
	*	5180	113.73	-	-	103.04	31.81	10.02	31.14	100	188	P	H
	*	5180	103.22	-	-	92.53	31.81	10.02	31.14	100	188	A	H
802.11n													H
HT20													H
CH 36		5149.24	61.31	-12.69	74	50.68	31.79	9.98	31.14	100	180	P	V
5180MHz		5145.6	43.48	-10.52	54	32.86	31.79	9.97	31.14	100	180	A	V
	*	5180	111.89	-	-	101.2	31.81	10.02	31.14	100	180	P	V
	*	5180	101.55	-	-	90.86	31.81	10.02	31.14	100	180	A	V
													V
													V
		5148.98	54.65	-19.35	74	44.02	31.79	9.98	31.14	100	185	P	H
		5148.46	42.05	-11.95	54	31.42	31.79	9.98	31.14	100	185	A	H
	*	5220	113.93	-	-	103.18	31.83	10.06	31.14	100	185	P	H
	*	5220	103.01	-	-	92.26	31.83	10.06	31.14	100	185	A	H
802.11n		5374.04	54.28	-19.72	74	43.33	31.92	10.18	31.15	100	185	P	H
HT20		5360.88	42	-12	54	31.06	31.92	10.17	31.15	100	185	A	H
CH 44		5148.72	55.34	-18.66	74	44.71	31.79	9.98	31.14	100	201	P	V
5220MHz		5147.94	41.46	-12.54	54	30.83	31.79	9.98	31.14	100	201	A	V
	*	5220	111.94	-	-	101.19	31.83	10.06	31.14	100	201	P	V
	*	5220	101.1	-	-	90.35	31.83	10.06	31.14	100	201	A	V
		5413.8	54.05	-19.95	74	43.03	31.95	10.22	31.15	100	201	P	V
		5453	42.11	-11.89	54	31.03	31.97	10.26	31.15	100	201	A	V

		5133.64	53.54	-20.46	74	42.94	31.78	9.96	31.14	100	271	P	H
		5149.76	41.15	-12.85	54	30.52	31.79	9.98	31.14	100	271	A	H
	*	5240	114.83	-	-	104.06	31.84	10.07	31.14	100	271	P	H
	*	5240	103.78	-	-	93.01	31.84	10.07	31.14	100	271	A	H
802.11n		5360.04	54.37	-19.63	74	43.44	31.91	10.17	31.15	100	271	P	H
HT20		5354.72	42.3	-11.7	54	31.38	31.91	10.16	31.15	100	271	A	H
CH 48		5082.42	53.42	-20.58	74	42.91	31.75	9.9	31.14	129	179	P	V
5240MHz		5149.76	41.34	-12.66	54	30.71	31.79	9.98	31.14	129	179	A	V
	*	5240	112.83	-	-	102.06	31.84	10.07	31.14	129	179	P	V
	*	5240	101.76	-	-	90.99	31.84	10.07	31.14	129	179	A	V
		5360.04	55.09	-18.91	74	44.16	31.91	10.17	31.15	129	179	P	V
		5355.28	42.4	-11.6	54	31.48	31.91	10.16	31.15	129	179	A	V

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

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	49.5	-18.7	68.2	51	39.86	15.6	56.96	100	0	P	H
		15540	46.06	-27.94	74	44.59	38.53	19.59	56.65	100	0	P	H
802.11n													H
HT20													H
CH 36		10360	49.95	-18.25	68.2	51.45	39.86	15.6	56.96	100	0	P	V
5180MHz		15540	45.59	-28.41	74	44.12	38.53	19.59	56.65	100	0	P	V
													V
													V
		10440	48.18	-20.02	68.2	49.45	39.98	15.67	56.92	100	0	P	H
		15660	47.03	-26.97	74	45.61	38.29	19.64	56.51	100	0	P	H
802.11n													H
HT20													H
CH 44		10440	48.43	-19.77	68.2	49.7	39.98	15.67	56.92	100	0	P	V
5220MHz		15660	46.03	-27.97	74	44.61	38.29	19.64	56.51	100	0	P	V
													V
													V
		10480	49.24	-18.96	68.2	50.38	40.07	15.7	56.91	100	0	P	H
		15720	46.37	-27.63	74	45.01	38.15	19.65	56.44	100	0	P	H
802.11n													H
HT20													H
CH 48		10480	49.25	-18.95	68.2	50.39	40.07	15.7	56.91	100	0	P	V
5240MHz		15720	47.18	-26.82	74	45.82	38.15	19.65	56.44	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.46	59.51	-14.49	74	48.88	31.79	9.98	31.14	100	211	P	H
		5145.86	48.79	-5.21	54	38.16	31.79	9.98	31.14	100	211	A	H
	*	5190	110.74	-	-	100.04	31.81	10.03	31.14	100	211	P	H
	*	5190	99.98	-	-	89.28	31.81	10.03	31.14	100	211	A	H
802.11n		5444.04	54.3	-19.7	74	43.24	31.96	10.25	31.15	100	211	P	H
HT40		5452.16	42.67	-11.33	54	31.59	31.97	10.26	31.15	100	211	A	H
CH 38		5150	63.01	-10.99	74	52.38	31.79	9.98	31.14	100	358	P	V
5190MHz		5150	52.04	-1.96	54	41.41	31.79	9.98	31.14	100	358	A	V
	*	5190	110.06	-	-	99.36	31.81	10.03	31.14	100	358	P	V
	*	5190	99.29	-	-	88.59	31.81	10.03	31.14	100	358	A	V
		5416.04	53.54	-20.46	74	42.52	31.95	10.22	31.15	100	358	P	V
		5362.56	42.59	-11.41	54	31.65	31.92	10.17	31.15	100	358	A	V
		5147.94	55.06	-18.94	74	44.43	31.79	9.98	31.14	100	271	P	H
		5150	42.46	-11.54	54	31.83	31.79	9.98	31.14	100	271	A	H
	*	5230	111.96	-	-	101.2	31.84	10.06	31.14	100	271	P	H
	*	5230	100.77	-	-	90.01	31.84	10.06	31.14	100	271	A	H
802.11n		5353.32	55.06	-18.94	74	44.14	31.91	10.16	31.15	100	271	P	H
HT40		5350.52	43.36	-10.64	54	32.44	31.91	10.16	31.15	100	271	A	H
CH 46		5149.24	53.26	-20.74	74	42.63	31.79	9.98	31.14	113	179	P	V
5230MHz		5147.42	42.53	-11.47	54	31.9	31.79	9.98	31.14	113	179	A	V
	*	5230	109.68	-	-	98.92	31.84	10.06	31.14	113	179	P	V
	*	5230	98.99	-	-	88.23	31.84	10.06	31.14	113	179	A	V
		5381.6	55.62	-18.38	74	44.65	31.93	10.19	31.15	113	179	P	V
		5453	42.97	-11.03	54	31.89	31.97	10.26	31.15	113	179	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	48.27	-25.73	74	49.71	39.89	15.62	56.95	100	0	P	H
		15570	47.1	-26.9	74	45.66	38.46	19.6	56.62	100	0	P	H
802.11n													H
HT40													H
CH 38		10380	47.9	-26.1	74	49.34	39.89	15.62	56.95	100	0	P	V
5190MHz		15570	46.41	-27.59	74	44.97	38.46	19.6	56.62	100	0	P	V
													V
													V
		10460	49.98	-18.22	68.2	51.21	40.01	15.68	56.92	100	0	P	H
		15690	48.02	-25.98	74	46.63	38.22	19.64	56.47	100	0	P	H
802.11n													H
HT40													H
CH 46		10460	48.95	-19.25	68.2	50.18	40.01	15.68	56.92	100	0	P	V
5230MHz		15690	46.74	-27.26	74	45.35	38.22	19.64	56.47	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5139.36	62.03	-11.97	74	51.42	31.78	9.97	31.14	125	212	P	H
		5140.14	51.9	-2.1	54	41.28	31.79	9.97	31.14	125	212	A	H
	*	5210	105.28	-	-	94.54	31.83	10.05	31.14	125	212	P	H
	*	5210	94.77	-	-	84.03	31.83	10.05	31.14	125	212	A	H
802.11ac		5399.52	53.65	-20.35	74	42.66	31.94	10.2	31.15	125	212	P	H
VHT80		5351.92	42.59	-11.41	54	31.67	31.91	10.16	31.15	125	212	A	H
CH 42		5145.08	59.4	-14.6	74	48.78	31.79	9.97	31.14	101	181	P	V
5210MHz		5145.6	48.76	-5.24	54	38.14	31.79	9.97	31.14	101	181	A	V
	*	5210	103.3	-	-	92.56	31.83	10.05	31.14	101	181	P	V
	*	5210	93.02	-	-	82.28	31.83	10.05	31.14	101	181	A	V
		5440.68	53.91	-20.09	74	42.86	31.96	10.24	31.15	101	181	P	V
		5453	43.22	-10.78	54	32.14	31.97	10.26	31.15	101	181	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	49.07	-19.13	68.2	50.4	39.95	15.65	56.93	100	0	P	H
		15630	47.59	-26.41	74	46.19	38.32	19.62	56.54	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	48.22	-19.98	68.2	49.55	39.95	15.65	56.93	100	0	P	V
5210MHz		15630	47.66	-26.34	74	46.26	38.32	19.62	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.												

Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5130.56	52.95	-21.05	74	42.35	31.78	9.96	31.14	100	184	P	H
		5145.18	41.12	-12.88	54	30.5	31.79	9.97	31.14	100	184	A	H
	*	5260	114.57	-	-	103.77	31.86	10.09	31.15	100	184	P	H
	*	5260	103.82	-	-	93.02	31.86	10.09	31.15	100	184	A	H
		5355.84	54.26	-19.74	74	43.34	31.91	10.16	31.15	100	184	P	H
		5351.28	42.52	-11.48	54	31.6	31.91	10.16	31.15	100	184	A	H
		5122.06	53.08	-20.92	74	42.5	31.77	9.95	31.14	100	198	P	V
		5147.56	41.3	-12.7	54	30.67	31.79	9.98	31.14	100	198	A	V
	*	5260	113.23	-	-	102.43	31.86	10.09	31.15	100	198	P	V
	*	5260	102.09	-	-	91.29	31.86	10.09	31.15	100	198	A	V
		5354.88	54.91	-19.09	74	43.99	31.91	10.16	31.15	100	198	P	V
		5351.28	42.39	-11.61	54	31.47	31.91	10.16	31.15	100	198	A	V
802.11a CH 60 5300MHz		5109.82	53.07	-20.93	74	42.51	31.77	9.93	31.14	111	187	P	H
		5143.82	41.49	-12.51	54	30.87	31.79	9.97	31.14	111	187	A	H
	*	5300	117.65	-	-	106.8	31.88	10.12	31.15	111	187	P	H
	*	5300	106.84	-	-	95.99	31.88	10.12	31.15	111	187	A	H
		5352.72	61.24	-12.76	74	50.32	31.91	10.16	31.15	111	187	P	H
		5350.08	47	-7	54	36.08	31.91	10.16	31.15	111	187	A	H
		5139.06	53.42	-20.58	74	42.81	31.78	9.97	31.14	100	193	P	V
		5148.92	41.12	-12.88	54	30.49	31.79	9.98	31.14	100	193	A	V
	*	5300	115.19	-	-	104.34	31.88	10.12	31.15	100	193	P	V
	*	5300	105.11	-	-	94.26	31.88	10.12	31.15	100	193	A	V
		5365.68	57.81	-16.19	74	46.87	31.92	10.17	31.15	100	193	P	V
		5351.04	46.39	-7.61	54	35.47	31.91	10.16	31.15	100	193	A	V

802.11a CH 64 5320MHz	*	5320	114.87	-	-	103.99	31.89	10.14	31.15	121	187	P	H
	*	5320	104.29	-	-	93.41	31.89	10.14	31.15	121	187	A	H
		5352	56.95	-17.05	74	46.03	31.91	10.16	31.15	121	187	P	H
		5350.24	45.22	-8.78	54	34.3	31.91	10.16	31.15	121	187	A	H
													H
													H
	*	5320	112.98	-	-	102.1	31.89	10.14	31.15	100	200	P	V
	*	5320	102.78	-	-	91.9	31.89	10.14	31.15	100	200	A	V
		5351.04	57.83	-16.17	74	46.91	31.91	10.16	31.15	100	200	P	V
		5350.4	46.18	-7.82	54	35.26	31.91	10.16	31.15	100	200	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	48.36	-25.64	74	49.4	40.11	15.73	56.88	100	0	P	H
		15780	48.01	-25.99	74	46.64	38.05	19.68	56.36	100	0	P	H
													H
													H
		10520	48.78	-25.22	74	49.82	40.11	15.73	56.88	100	0	P	V
		15780	47.2	-26.8	74	45.83	38.05	19.68	56.36	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	49.21	-24.79	74	50.05	40.18	15.8	56.82	100	0	P	H
		10600	36.33	-17.67	54	37.17	40.18	15.8	56.82	100	0	A	H
		15900	48.6	-25.4	74	47.28	37.81	19.73	56.22	100	0	P	H
													H
		10600	49.38	-24.62	74	50.22	40.18	15.8	56.82	100	311	P	V
		10600	36.69	-17.31	54	37.53	40.18	15.8	56.82	100	311	A	V
		15900	49.96	-24.04	74	48.64	37.81	19.73	56.22	100	107	P	V
		15900	37.07	-16.93	54	35.75	37.81	19.73	56.22	100	107	A	V
802.11a CH 64 5320MHz		10640	47.69	-26.31	74	48.45	40.21	15.82	56.79	100	0	P	H
		15960	46.58	-27.42	74	45.32	37.67	19.74	56.15	100	0	P	H
													H
													H
		10640	48.96	-25.04	74	49.72	40.21	15.82	56.79	100	0	P	V
		15960	46.18	-27.82	74	44.92	37.67	19.74	56.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5138.38	53.37	-20.63	74	42.76	31.78	9.97	31.14	100	182	P	H
		5149.94	41.1	-12.9	54	30.47	31.79	9.98	31.14	100	182	A	H
	*	5260	114.04	-	-	103.24	31.86	10.09	31.15	100	182	P	H
	*	5260	103.21	-	-	92.41	31.86	10.09	31.15	100	182	A	H
802.11n		5371.2	54.35	-19.65	74	43.4	31.92	10.18	31.15	100	182	P	H
HT20		5352.96	42.38	-11.62	54	31.46	31.91	10.16	31.15	100	182	A	H
CH 52		5142.12	53.07	-20.93	74	42.45	31.79	9.97	31.14	101	198	P	V
5260MHz		5145.86	41.16	-12.84	54	30.53	31.79	9.98	31.14	101	198	A	V
	*	5260	113.04	-	-	102.24	31.86	10.09	31.15	101	198	P	V
	*	5260	101.35	-	-	90.55	31.86	10.09	31.15	101	198	A	V
		5357.76	55.33	-18.67	74	44.4	31.91	10.17	31.15	101	198	P	V
		5350.08	42.37	-11.63	54	31.45	31.91	10.16	31.15	101	198	A	V
		5104.38	52.83	-21.17	74	42.28	31.76	9.93	31.14	100	185	P	H
		5148.92	41.05	-12.95	54	30.42	31.79	9.98	31.14	100	185	A	H
	*	5300	114.09	-	-	103.24	31.88	10.12	31.15	100	185	P	H
	*	5300	103.06	-	-	92.21	31.88	10.12	31.15	100	185	A	H
802.11n		5352.24	60.35	-13.65	74	49.43	31.91	10.16	31.15	100	185	P	H
HT20		5352.48	43.88	-10.12	54	32.96	31.91	10.16	31.15	100	185	A	H
CH 60		5102.34	52.99	-21.01	74	42.45	31.76	9.92	31.14	100	204	P	V
5300MHz		5148.24	41.02	-12.98	54	30.39	31.79	9.98	31.14	100	204	A	V
	*	5300	113.59	-	-	102.74	31.88	10.12	31.15	100	204	P	V
	*	5300	102.24	-	-	91.39	31.88	10.12	31.15	100	204	A	V
		5350.56	61.28	-12.72	74	50.36	31.91	10.16	31.15	100	204	P	V
		5350.32	44.08	-9.92	54	33.16	31.91	10.16	31.15	100	204	A	V

	*	5320	114.91	-	-	104.03	31.89	10.14	31.15	122	187	P	H
	*	5320	104.58	-	-	93.7	31.89	10.14	31.15	122	187	A	H
		5356.64	61.74	-12.26	74	50.81	31.91	10.17	31.15	122	187	P	H
		5352.48	46.07	-7.93	54	35.15	31.91	10.16	31.15	122	187	A	H
802.11n													H
HT20													H
CH 64	*	5320	112.84	-	-	101.96	31.89	10.14	31.15	101	232	P	V
5320MHz	*	5320	102.19	-	-	91.31	31.89	10.14	31.15	101	232	A	V
		5360.32	60.67	-13.33	74	49.74	31.91	10.17	31.15	101	232	P	V
		5353.6	44.64	-9.36	54	33.72	31.91	10.16	31.15	101	232	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	47.68	-26.32	74	48.72	40.11	15.73	56.88	100	0	P	H
		15780	46.97	-27.03	74	45.6	38.05	19.68	56.36	100	0	P	H
802.11n													H
HT20													H
CH 52		10520	48.7	-25.3	74	49.74	40.11	15.73	56.88	100	0	P	V
5260MHz		15780	46.3	-27.7	74	44.93	38.05	19.68	56.36	100	0	P	V
													V
													V
		10600	50.84	-23.16	74	51.68	40.18	15.8	56.82	100	184	P	H
		10600	37.25	-16.75	54	38.09	40.18	15.8	56.82	100	184	A	H
802.11n		15900	46.38	-27.62	74	45.06	37.81	19.73	56.22	100	0	P	H
HT20													H
CH 60		10600	51.56	-22.44	74	52.4	40.18	15.8	56.82	100	271	P	V
5300MHz		10600	38.51	-15.49	54	39.35	40.18	15.8	56.82	100	271	A	V
		15900	46.75	-27.25	74	45.43	37.81	19.73	56.22	100	0	P	V
													V
		10640	48.98	-25.02	74	49.74	40.21	15.82	56.79	100	0	P	H
		15960	44.97	-29.03	74	43.71	37.67	19.74	56.15	100	0	P	H
802.11n													H
HT20													H
CH 64		10640	48.26	-25.74	74	49.02	40.21	15.82	56.79	100	0	P	V
5320MHz		15960	46	-28	74	44.74	37.67	19.74	56.15	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5107.1	53.37	-20.63	74	42.81	31.77	9.93	31.14	111	184	P	H
		5147.56	42.3	-11.7	54	31.67	31.79	9.98	31.14	111	184	A	H
	*	5270	112.03	-	-	101.22	31.86	10.1	31.15	111	184	P	H
	*	5270	101.63	-	-	90.82	31.86	10.1	31.15	111	184	A	H
802.11n		5350.32	60.43	-13.57	74	49.51	31.91	10.16	31.15	111	184	P	H
HT40		5353.44	45.18	-8.82	54	34.26	31.91	10.16	31.15	111	184	A	H
CH 54		5125.12	53.57	-20.43	74	42.98	31.78	9.95	31.14	100	215	P	V
5270MHz		5145.86	41.7	-12.3	54	31.07	31.79	9.98	31.14	100	215	A	V
	*	5270	109.27	-	-	98.46	31.86	10.1	31.15	100	215	P	V
	*	5270	98.55	-	-	87.74	31.86	10.1	31.15	100	215	A	V
		5353.92	57.55	-16.45	74	46.63	31.91	10.16	31.15	100	215	P	V
		5350.08	44.34	-9.66	54	33.42	31.91	10.16	31.15	100	215	A	V
		5073.78	53.1	-20.9	74	42.6	31.75	9.89	31.14	126	180	P	H
		5146.88	41.82	-12.18	54	31.19	31.79	9.98	31.14	126	180	A	H
	*	5310	109.24	-	-	98.37	31.89	10.13	31.15	126	180	P	H
	*	5310	98.72	-	-	87.85	31.89	10.13	31.15	126	180	A	H
802.11n		5352.96	61.27	-12.73	74	50.35	31.91	10.16	31.15	126	180	P	H
HT40		5353.92	49.97	-4.03	54	39.05	31.91	10.16	31.15	126	180	A	H
CH 62		5148.92	53.06	-20.94	74	42.43	31.79	9.98	31.14	108	193	P	V
5310MHz		5147.22	41.72	-12.28	54	31.09	31.79	9.98	31.14	108	193	A	V
	*	5310	108.85	-	-	97.98	31.89	10.13	31.15	108	193	P	V
	*	5310	98.27	-	-	87.4	31.89	10.13	31.15	108	193	A	V
		5350.32	61.47	-12.53	74	50.55	31.91	10.16	31.15	108	193	P	V
		5350.08	51.53	-2.47	54	40.61	31.91	10.16	31.15	108	193	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	48.52	-25.48	74	49.51	40.13	15.75	56.87	100	0	P	H
		15810	46.7	-27.3	74	45.36	37.98	19.69	56.33	100	0	P	H
802.11n													H
HT40													H
CH 54		10540	47.54	-26.46	74	48.53	40.13	15.75	56.87	100	0	P	V
5270MHz		15810	47.2	-26.8	74	45.86	37.98	19.69	56.33	100	0	P	V
													V
													V
		10620	48.39	-25.61	74	49.19	40.2	15.8	56.8	100	0	P	H
		15930	47.34	-26.66	74	46.04	37.74	19.74	56.18	100	0	P	H
802.11n													H
HT40													H
CH 62		10620	48.94	-25.06	74	49.74	40.2	15.8	56.8	100	0	P	V
5310MHz		15930	47.68	-26.32	74	46.38	37.74	19.74	56.18	100	0	P	V
													V
													V

Remark

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5143.48	53.5	-20.5	74	42.88	31.79	9.97	31.14	105	185	P	H
		5140.08	42.01	-11.99	54	31.39	31.79	9.97	31.14	105	185	A	H
	*	5290	103.82	-	-	92.99	31.87	10.11	31.15	105	185	P	H
	*	5290	93.19	-	-	82.36	31.87	10.11	31.15	105	185	A	H
802.11ac		5366.4	63.19	-10.81	74	52.25	31.92	10.17	31.15	105	185	P	H
VHT80		5350.08	52.64	-1.36	54	41.72	31.91	10.16	31.15	105	185	A	H
CH 58		5090.78	53.09	-20.91	74	42.56	31.76	9.91	31.14	107	197	P	V
5290MHz		5149.94	41.84	-12.16	54	31.21	31.79	9.98	31.14	107	197	A	V
	*	5290	103.59	-	-	92.76	31.87	10.11	31.15	107	197	P	V
	*	5290	93.29	-	-	82.46	31.87	10.11	31.15	107	197	A	V
		5354.64	61.92	-12.08	74	51	31.91	10.16	31.15	107	197	P	V
		5353.2	51.78	-2.22	54	40.86	31.91	10.16	31.15	107	197	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	48.35	-25.65	74	49.24	40.17	15.78	56.84	100	0	P	H
		15870	46.86	-27.14	74	45.57	37.84	19.71	56.26	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	48.47	-25.53	74	49.36	40.17	15.78	56.84	100	0	P	V
5290MHz		15870	46.85	-27.15	74	45.56	37.84	19.71	56.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5451.76	56.03	-17.97	74	44.95	31.97	10.26	31.15	100	181	P	H
		5468.88	44.34	-9.66	54	33.23	31.98	10.28	31.15	100	181	A	H
	*	5500	112.67	-	-	101.51	32	10.31	31.15	100	181	P	H
	*	5500	102.11	-	-	90.95	32	10.31	31.15	100	181	A	H
													H
													H
		5466.32	64.01	-9.99	74	52.91	31.98	10.27	31.15	100	196	P	V
		5467.76	45.53	-8.47	54	34.43	31.98	10.27	31.15	100	196	A	V
	*	5500	112.42	-	-	101.26	32	10.31	31.15	100	196	P	V
	*	5500	101.67	-	-	90.51	32	10.31	31.15	100	196	A	V
													V
													V
802.11a CH 116 5580MHz		5464	53.59	-20.41	74	42.49	31.98	10.27	31.15	107	239	P	H
		5465.44	42.13	-11.87	54	31.03	31.98	10.27	31.15	107	239	A	H
	*	5580	116.19	-	-	104.89	32.1	10.4	31.2	107	239	P	H
	*	5580	105.71	-	-	94.41	32.1	10.4	31.2	107	239	A	H
		5727.2	54.25	-19.75	74	42.68	32.31	10.52	31.26	107	239	P	H
		5727.2	42.9	-11.1	54	31.33	32.31	10.52	31.26	107	239	A	H
		5428.96	54.06	-19.94	74	43.02	31.96	10.23	31.15	121	178	P	V
		5452.72	42.28	-11.72	54	31.2	31.97	10.26	31.15	121	178	A	V
	*	5580	116.95	-	-	105.65	32.1	10.4	31.2	121	178	P	V
	*	5580	105.63	-	-	94.33	32.1	10.4	31.2	121	178	A	V
		5725.625	53.83	-20.17	74	42.26	32.31	10.52	31.26	121	178	P	V
		5734.13	42.19	-11.81	54	30.62	32.31	10.53	31.27	121	178	A	V

802.11a CH 140 5700MHz	*	5700	112.6	-	-	101.08	32.27	10.5	31.25	113	175	P	H
	*	5700	102.24	-	-	90.72	32.27	10.5	31.25	113	175	A	H
		5726.12	64.25	-3.95	68.2	52.68	32.31	10.52	31.26	113	175	P	H
													H
													H
													H
	*	5700	113.38	-	-	101.86	32.27	10.5	31.25	100	167	P	V
	*	5700	102.6	-	-	91.08	32.27	10.5	31.25	100	167	A	V
		5727.4	59.42	-8.78	68.2	47.85	32.31	10.52	31.26	100	167	P	V
													V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	48.91	-25.09	74	48.81	40.5	16.1	56.5	100	0	P	H
		16500	45.61	-28.39	74	41.53	39.6	20.18	55.7	100	0	P	H
													H
													H
		11000	50.58	-23.42	74	50.48	40.5	16.1	56.5	100	271	P	V
		11000	37.95	-16.05	54	37.85	40.5	16.1	56.5	100	271	A	V
		16500	46.11	-27.89	74	42.03	39.6	20.18	55.7	100	0	P	V
													V
802.11a CH 116 5580MHz		11160	48.8	-25.2	74	48.64	40.37	16.23	56.44	100	0	P	H
		16740	48.34	-25.66	74	43.73	40.13	20.37	55.89	100	0	P	H
													H
													H
		11160	52.29	-21.71	74	52.13	40.37	16.23	56.44	100	268	P	V
		11160	39.19	-14.81	54	39.03	40.37	16.23	56.44	100	268	A	V
		16740	47.85	-26.15	74	43.24	40.13	20.37	55.89	100	0	P	V
													V
802.11a CH 140 5700MHz		11400	47.43	-26.57	74	47.17	40.18	16.42	56.34	100	0	P	H
		17100	48.42	-19.78	68.2	42.99	41.06	20.67	56.3	100	0	P	H
													H
													H
		11400	47.91	-26.09	74	47.65	40.18	16.42	56.34	100	0	P	V
		17100	49.17	-19.03	68.2	43.74	41.06	20.67	56.3	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5465.2	57.36	-16.64	74	46.26	31.98	10.27	31.15	100	180	P	H
		5469.2	44.79	-9.21	54	33.68	31.98	10.28	31.15	100	180	A	H
	*	5500	111.92	-	-	100.76	32	10.31	31.15	100	180	P	H
	*	5500	101.21	-	-	90.05	32	10.31	31.15	100	180	A	H
802.11n													H
HT20													H
CH 100		5459.92	62.21	-11.79	74	51.12	31.97	10.27	31.15	122	190	P	V
5500MHz		5467.6	44.76	-9.24	54	33.66	31.98	10.27	31.15	122	190	A	V
	*	5500	112.68	-	-	101.52	32	10.31	31.15	122	190	P	V
	*	5500	101.2	-	-	90.04	32	10.31	31.15	122	190	A	V
													V
													V
		5365.12	53.85	-20.15	74	42.91	31.92	10.17	31.15	100	239	P	H
		5469.04	41.83	-12.17	54	30.72	31.98	10.28	31.15	100	239	A	H
	*	5580	113.67	-	-	102.37	32.1	10.4	31.2	100	239	P	H
	*	5580	102.52	-	-	91.22	32.1	10.4	31.2	100	239	A	H
802.11n		5725	53.84	-20.16	74	42.27	32.31	10.52	31.26	100	239	P	H
HT20		5746.1	42.26	-11.74	54	30.65	32.34	10.54	31.27	100	239	A	H
CH 116		5365.84	54.39	-19.61	74	43.45	31.92	10.17	31.15	100	195	P	V
5580MHz		5452.72	42.52	-11.48	54	31.44	31.97	10.26	31.15	100	195	A	V
	*	5580	113.11	-	-	101.81	32.1	10.4	31.2	100	195	P	V
	*	5580	101.96	-	-	90.66	32.1	10.4	31.2	100	195	A	V
		5728.46	54.58	-19.42	74	43.01	32.31	10.52	31.26	100	195	P	V
		5765	42.22	-11.78	54	30.59	32.36	10.55	31.28	100	195	A	V

	*	5700	114.68	-	-	103.16	32.27	10.5	31.25	100	244	P	H
	*	5700	103.16	-	-	91.64	32.27	10.5	31.25	100	244	A	H
		5726.92	62.38	-11.62	74	50.81	32.31	10.52	31.26	100	244	P	H
		5727.72	46.6	-7.4	54	35.03	32.31	10.52	31.26	100	244	A	H
802.11n													H
HT20													H
CH 140	*	5700	114.82	-	-	103.3	32.27	10.5	31.25	115	177	P	V
5700MHz	*	5700	103.6	-	-	92.08	32.27	10.5	31.25	115	177	A	V
		5725.72	64.26	-9.74	74	52.69	32.31	10.52	31.26	115	177	P	V
		5725	50.35	-3.65	54	38.78	32.31	10.52	31.26	115	177	A	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	51.17	-22.83	74	51.07	40.5	16.1	56.5	100	173	P	H
		11000	37.35	-16.65	54	37.25	40.5	16.1	56.5	100	173	A	H
802.11n		16500	47.9	-26.1	74	43.82	39.6	20.18	55.7	100	0	P	H
HT20													H
CH 100		11000	51.4	-22.6	74	51.3	40.5	16.1	56.5	100	248	P	V
5500MHz		11000	38.01	-15.99	54	37.91	40.5	16.1	56.5	100	248	A	V
		16500	48.22	-25.78	74	44.14	39.6	20.18	55.7	100	0	P	V
													V
		11160	50.91	-23.09	74	50.75	40.37	16.23	56.44	100	274	P	H
		11160	37.1	-16.9	54	36.94	40.37	16.23	56.44	100	274	A	H
802.11n		16740	47.84	-26.16	74	43.23	40.13	20.37	55.89	100	0	P	H
HT20													H
CH 116		11160	51.28	-22.72	74	51.12	40.37	16.23	56.44	100	242	P	V
5580MHz		11160	38.49	-15.51	54	38.33	40.37	16.23	56.44	100	242	A	V
		16740	48.16	-25.84	74	43.55	40.13	20.37	55.89	100	0	P	V
													V
		11400	47.54	-26.46	74	47.28	40.18	16.42	56.34	100	0	P	H
		17100	51.51	-22.49	74	46.08	41.06	20.67	56.3	100	155	P	H
802.11n		17100	38.83	-15.17	54	33.4	41.06	20.67	56.3	100	155	A	H
HT20													H
CH 140		11400	48.19	-25.81	74	47.93	40.18	16.42	56.34	100	0	P	V
5700MHz		17100	50.77	-23.23	74	45.34	41.06	20.67	56.3	100	310	P	V
		17100	41.65	-12.35	54	36.22	41.06	20.67	56.3	100	310	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5445.28	59.33	-14.67	74	48.27	31.96	10.25	31.15	100	179	P	H
		5470	63.08	-5.12	68.2	51.97	31.98	10.28	31.15	100	179	P	H
		5458.24	47.22	-6.78	54	36.14	31.97	10.26	31.15	100	179	A	H
	*	5510	111.8	-	-	100.64	32	10.32	31.16	100	179	P	H
802.11n	*	5510	101.14	-	-	89.98	32	10.32	31.16	100	179	A	H
HT40		5756.495	53.77	-14.43	68.2	42.14	32.36	10.55	31.28	100	179	P	H
CH 102		5459.44	61.91	-12.09	74	50.82	31.97	10.27	31.15	100	170	P	V
5510MHz		5470	67.07	-1.13	68.2	55.96	31.98	10.28	31.15	100	170	P	V
		5459.68	50.37	-3.63	54	39.28	31.97	10.27	31.15	100	170	A	V
	*	5510	110.96	-	-	99.8	32	10.32	31.16	100	170	P	V
	*	5510	99.9	-	-	88.74	32	10.32	31.16	100	170	A	V
		5753.975	53.7	-14.5	68.2	42.07	32.36	10.54	31.27	100	170	P	V
		5469.76	55.99	-18.01	74	44.88	31.98	10.28	31.15	101	180	P	H
		5470	43.08	-10.92	54	31.97	31.98	10.28	31.15	101	180	A	H
	*	5550	111.42	-	-	100.16	32.07	10.36	31.17	101	180	P	H
	*	5550	100.58	-	-	89.32	32.07	10.36	31.17	101	180	A	H
802.11n		5725.625	54.88	-19.12	74	43.31	32.31	10.52	31.26	101	180	P	H
HT40		5726.255	42.71	-11.29	54	31.14	32.31	10.52	31.26	101	180	A	H
CH 110		5456.32	55.88	-18.12	74	44.8	31.97	10.26	31.15	100	172	P	V
5550MHz		5452.72	44.01	-9.99	54	32.93	31.97	10.26	31.15	100	172	A	V
	*	5550	110.53	-	-	99.27	32.07	10.36	31.17	100	172	P	V
	*	5550	99.41	-	-	88.15	32.07	10.36	31.17	100	172	A	V
		5761.85	54.41	-19.59	74	42.78	32.36	10.55	31.28	100	172	P	V
		5760.275	43.27	-10.73	54	31.64	32.36	10.55	31.28	100	172	A	V

		5429.8	53.79	-20.21	74	42.75	31.96	10.23	31.15	100	219	P	H
		5446.6	42.53	-11.47	54	31.46	31.97	10.25	31.15	100	219	A	H
	*	5670	111.38	-	-	99.89	32.24	10.48	31.23	100	219	P	H
	*	5670	100.4	-	-	88.91	32.24	10.48	31.23	100	219	A	H
802.11n		5725.1	60.47	-13.53	74	48.9	32.31	10.52	31.26	100	219	P	H
HT40		5727.375	46.17	-7.83	54	34.6	32.31	10.52	31.26	100	219	A	H
CH 134		5443.1	53.66	-20.34	74	42.6	31.96	10.25	31.15	100	170	P	V
5670MHz		5425.95	42.42	-11.58	54	31.39	31.95	10.23	31.15	100	170	A	V
	*	5670	112.29	-	-	100.8	32.24	10.48	31.23	100	170	P	V
	*	5670	101.39	-	-	89.9	32.24	10.48	31.23	100	170	A	V
		5726.325	60.19	-13.81	74	48.62	32.31	10.52	31.26	100	170	P	V
		5732.45	45.68	-8.32	54	34.11	32.31	10.53	31.27	100	170	A	V

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

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	50.53	-23.47	74	50.41	40.49	16.12	56.49	100	158	P	H
		11020	38.31	-15.69	54	38.19	40.49	16.12	56.49	100	158	A	H
802.11n		16530	46.41	-21.79	68.2	42.25	39.68	20.2	55.72	100	0	P	H
HT40													H
CH 102		11020	50.23	-23.77	74	50.11	40.49	16.12	56.49	100	244	P	V
5510MHz		11020	38.24	-15.76	54	38.12	40.49	16.12	56.49	100	244	A	V
		16530	46.38	-21.82	68.2	42.22	39.68	20.2	55.72	100	0	P	V
													V
		11100	51.03	-22.97	74	50.89	40.42	16.18	56.46	100	163	P	H
		11100	38.09	-15.91	54	37.95	40.42	16.18	56.46	100	163	A	H
802.11n		16650	48.83	-25.17	74	44.41	39.94	20.3	55.82	100	0	P	H
HT40													H
CH 110		11100	51.27	-22.73	74	51.13	40.42	16.18	56.46	103	245	P	V
5550MHz		11100	38.75	-15.25	54	38.61	40.42	16.18	56.46	103	245	A	V
		16650	48	-26	74	43.58	39.94	20.3	55.82	100	0	P	V
													V
		11340	48.7	-25.3	74	48.45	40.23	16.38	56.36	100	0	P	H
		17010	48.71	-25.29	74	43.48	40.76	20.59	56.12	100	0	P	H
802.11n													H
HT40													H
CH 134		11340	48.73	-25.27	74	48.48	40.23	16.38	56.36	100	0	P	V
5670MHz		17010	48.79	-25.21	74	43.56	40.76	20.59	56.12	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5445.04	58.49	-15.51	74	47.43	31.96	10.25	31.15	106	180	P	H
		5465.68	61.87	-6.33	68.2	50.77	31.98	10.27	31.15	106	180	P	H
		5446.48	47.34	-6.66	54	36.27	31.97	10.25	31.15	106	180	A	H
	*	5530	104.98	-	-	93.79	32.02	10.34	31.17	106	180	P	H
802.11ac	*	5530	94.24	-	-	83.05	32.02	10.34	31.17	106	180	A	H
VHT80		5728.46	53.71	-14.49	68.2	42.14	32.31	10.52	31.26	106	180	P	H
CH 106		5450.32	62.39	-11.61	74	51.31	31.97	10.26	31.15	100	184	P	V
5530MHz		5469.76	64.15	-4.05	68.2	53.04	31.98	10.28	31.15	100	184	P	V
		5459.68	52.29	-1.71	54	41.2	31.97	10.27	31.15	100	184	A	V
	*	5530	104.01	-	-	92.82	32.02	10.34	31.17	100	184	P	V
	*	5530	93.71	-	-	82.52	32.02	10.34	31.17	100	184	A	V
		5749.25	54.1	-14.1	68.2	42.49	32.34	10.54	31.27	100	184	P	V
		5366.8	54.33	-19.67	74	43.39	31.92	10.17	31.15	111	177	P	H
		5464	42.64	-11.36	54	31.54	31.98	10.27	31.15	111	177	A	H
	*	5610	107.64	-	-	96.28	32.14	10.43	31.21	111	177	P	H
	*	5610	96.87	-	-	85.51	32.14	10.43	31.21	111	177	A	H
802.11ac		5745.785	54.26	-19.74	74	42.65	32.34	10.54	31.27	111	177	P	H
VHT80		5725.94	44.07	-9.93	54	32.5	32.31	10.52	31.26	111	177	A	H
CH 122		5452.72	54.32	-19.68	74	43.24	31.97	10.26	31.15	109	176	P	V
5610MHz		5452.96	43	-11	54	31.92	31.97	10.26	31.15	109	176	A	V
	*	5610	108.34	-	-	96.98	32.14	10.43	31.21	109	176	P	V
	*	5610	97.42	-	-	86.06	32.14	10.43	31.21	109	176	A	V
		5726.57	54.52	-19.48	74	42.95	32.31	10.52	31.26	109	176	P	V
		5730.35	43.87	-10.13	54	32.31	32.31	10.52	31.27	109	176	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	48.7	-25.3	74	48.58	40.45	16.15	56.48	100	0	P	H
		16590	47.79	-20.41	68.2	43.52	39.79	20.25	55.77	100	0	P	H
802.11ac													H
VHT80													H
CH 106		11060	50.35	-23.65	74	50.23	40.45	16.15	56.48	100	240	P	V
5530MHz		11060	38.16	-15.84	54	38.04	40.45	16.15	56.48	100	240	A	V
		16590	47.15	-21.05	68.2	42.88	39.79	20.25	55.77	100	0	P	V
													V
		11220	51.18	-22.82	74	50.98	40.33	16.28	56.41	100	269	P	H
		11220	38.07	-15.93	54	37.87	40.33	16.28	56.41	100	269	A	H
802.11ac		16830	48	-26	74	43.19	40.32	20.45	55.96	100	0	P	H
VHT80													H
CH 122		11220	51.22	-22.78	74	51.02	40.33	16.28	56.41	106	243	P	V
5610MHz		11220	39.41	-14.59	54	39.21	40.33	16.28	56.41	106	243	A	V
		16830	48.43	-25.57	74	43.62	40.32	20.45	55.96	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		5379.25	54.32	-19.68	74	43.36	31.93	10.18	31.15	100	237	P	H
		5466.22	53.09	-15.11	68.2	41.99	31.98	10.27	31.15	100	237	P	H
		5458.42	41.48	-12.52	54	30.4	31.97	10.26	31.15	100	237	A	H
	*	5720	113.47	-	-	101.9	32.31	10.52	31.26	100	237	P	H
	*	5720	102.75	-	-	91.18	32.31	10.52	31.26	100	237	A	H
		5862.75	55.45	-12.75	68.2	43.64	32.51	10.63	31.33	100	237	P	H
		5440.87	53.48	-20.52	74	42.43	31.96	10.24	31.15	100	176	P	V
		5459.98	52.99	-21.01	74	41.9	31.97	10.27	31.15	100	176	P	V
		5452.96	42.02	-11.98	54	30.94	31.97	10.26	31.15	100	176	A	V
	*	5720	115.29	-	-	103.72	32.31	10.52	31.26	100	176	P	V
	*	5720	103.97	-	-	92.4	32.31	10.52	31.26	100	176	A	V
		5874.5	55.25	-12.95	68.2	43.41	32.53	10.64	31.33	100	176	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	51.24	-22.76	74	50.96	40.15	16.45	56.32	100	274	P	H
		11440	37.5	-16.5	54	37.22	40.15	16.45	56.32	100	274	A	H
		17160	49.85	-18.35	68.2	44.26	41.3	20.71	56.42	100	0	P	H
													H
		11440	51.14	-22.86	74	50.86	40.15	16.45	56.32	101	239	P	V
		11440	37.45	-16.55	54	37.17	40.15	16.45	56.32	101	239	A	V
		17160	49.48	-18.72	68.2	43.89	41.3	20.71	56.42	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		5415.13	53.86	-20.14	74	42.84	31.95	10.22	31.15	100	216	P	H
		5466.22	53.54	-14.66	68.2	42.44	31.98	10.27	31.15	100	216	P	H
		5426.05	41.5	-12.5	54	30.47	31.95	10.23	31.15	100	216	A	H
	*	5720	113.9	-	-	102.33	32.31	10.52	31.26	100	216	P	H
	*	5720	102.21	-	-	90.64	32.31	10.52	31.26	100	216	A	H
		5875.25	55.48	-12.72	68.2	43.64	32.53	10.64	31.33	100	216	P	H
		5406.16	53.49	-20.51	74	42.49	31.94	10.21	31.15	100	175	P	V
		5467	53.65	-14.55	68.2	42.55	31.98	10.27	31.15	100	175	P	V
		5452.96	41.77	-12.23	54	30.69	31.97	10.26	31.15	100	175	A	V
	*	5720	115.67	-	-	104.1	32.31	10.52	31.26	100	175	P	V
	*	5720	104.14	-	-	92.57	32.31	10.52	31.26	100	175	A	V
		5947.5	55.19	-13.01	68.2	43.24	32.63	10.69	31.37	100	175	P	V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	50.9	-23.1	74	50.62	40.15	16.45	56.32	100	280	P	H
		11440	37.37	-16.63	54	37.09	40.15	16.45	56.32	100	280	A	H
802.11n		17160	49.97	-18.23	68.2	44.38	41.3	20.71	56.42	100	0	P	H
HT20													H
CH 144		11440	50.46	-23.54	74	50.18	40.15	16.45	56.32	100	242	P	V
5720MHz		11440	37.23	-16.77	54	36.95	40.15	16.45	56.32	100	242	A	V
		17160	49.78	-18.42	68.2	44.19	41.3	20.71	56.42	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5405.38	54.36	-19.64	74	43.36	31.94	10.21	31.15	100	219	P	H
		5460.76	52.66	-15.54	68.2	41.57	31.97	10.27	31.15	100	219	P	H
		5435.41	42.15	-11.85	54	31.1	31.96	10.24	31.15	100	219	A	H
	*	5710	110.62	-	-	99.08	32.29	10.51	31.26	100	219	P	H
802.11n	*	5710	99.53	-	-	87.99	32.29	10.51	31.26	100	219	A	H
HT40		5862.5	54.75	-13.45	68.2	42.94	32.51	10.63	31.33	100	219	P	H
CH 142		5459.2	54.35	-19.65	74	43.26	31.97	10.27	31.15	100	177	P	V
5710MHz		5461.93	53.45	-14.75	68.2	42.36	31.97	10.27	31.15	100	177	P	V
		5452.18	42.39	-11.61	54	31.31	31.97	10.26	31.15	100	177	A	V
	*	5710	112.3	-	-	100.76	32.29	10.51	31.26	100	177	P	V
	*	5710	101.4	-	-	89.86	32.29	10.51	31.26	100	177	A	V
		5856.25	54.85	-13.35	68.2	43.04	32.51	10.62	31.32	100	177	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	51.16	-22.84	74	50.89	40.17	16.43	56.33	102	276	P	H
		11420	37.86	-16.14	54	37.59	40.17	16.43	56.33	102	276	A	H
802.11n		17130	50.1	-18.1	68.2	44.58	41.18	20.7	56.36	100	0	P	H
HT40													H
CH 142		11420	51.38	-22.62	74	51.11	40.17	16.43	56.33	101	243	P	V
5710MHz		11420	38.24	-15.76	54	37.97	40.17	16.43	56.33	101	243	A	V
		17130	49.62	-18.58	68.2	44.1	41.18	20.7	56.36	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5410.84	52.78	-21.22	74	41.78	31.94	10.21	31.15	112	176	P	H
		5466.61	52.96	-15.24	68.2	41.86	31.98	10.27	31.15	112	176	P	H
		5453.74	42.08	-11.92	54	31	31.97	10.26	31.15	112	176	A	H
	*	5690	107.99	-	-	96.48	32.27	10.49	31.25	112	176	P	H
802.11ac	*	5690	97.62	-	-	86.11	32.27	10.49	31.25	112	176	A	H
VHT80		5859.25	54.74	-13.46	68.2	42.94	32.51	10.62	31.33	112	176	P	H
CH 138		5448.28	53.24	-20.76	74	42.17	31.97	10.25	31.15	107	193	P	V
5690MHz		5464.27	52.54	-15.66	68.2	41.44	31.98	10.27	31.15	107	193	P	V
		5362.48	42.43	-11.57	54	31.49	31.92	10.17	31.15	107	193	A	V
	*	5690	109.11	-	-	97.6	32.27	10.49	31.25	107	193	P	V
	*	5690	98.05	-	-	86.54	32.27	10.49	31.25	107	193	A	V
		5880	55.18	-13.02	68.2	43.34	32.53	10.64	31.33	107	193	P	V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	48.97	-25.03	74	48.72	40.19	16.41	56.35	100	0	P	H
		17070	49.2	-19	68.2	43.86	40.94	20.64	56.24	100	0	P	H
802.11ac													H
VHT80													H
CH 138		11380	48.46	-25.54	74	48.21	40.19	16.41	56.35	100	0	P	V
5690MHz		17070	49.38	-18.82	68.2	44.04	40.94	20.64	56.24	100	0	P	V
													V
													V

Remark

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

<TXBF Mode>

Band 1 - 5150~5250MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5148.46	63.7	-10.3	74	53.07	31.79	9.98	31.14	100	221	P	H
		5150	48.83	-5.17	54	38.2	31.79	9.98	31.14	100	221	A	H
	*	5180	119.21	-	-	108.52	31.81	10.02	31.14	100	221	P	H
	*	5180	106.61	-	-	95.92	31.81	10.02	31.14	100	221	A	H
802.11ac													H
VHT20													H
CH 36		5149.24	64.33	-9.67	74	53.7	31.79	9.98	31.14	100	176	P	V
5180MHz		5150	46.85	-7.15	54	36.22	31.79	9.98	31.14	100	176	A	V
	*	5180	115.67	-	-	104.98	31.81	10.02	31.14	100	176	P	V
	*	5180	102.85	-	-	92.16	31.81	10.02	31.14	100	176	A	V
													V
													V
		5144.3	54.73	-19.27	74	44.11	31.79	9.97	31.14	114	158	P	H
		5149.24	42.94	-11.06	54	32.31	31.79	9.98	31.14	114	158	A	H
	*	5220	118.26	-	-	107.51	31.83	10.06	31.14	114	158	P	H
	*	5220	105.53	-	-	94.78	31.83	10.06	31.14	114	158	A	H
802.11ac		5360.6	54.52	-19.48	74	43.58	31.92	10.17	31.15	114	158	P	H
VHT20		5365.92	42.46	-11.54	54	31.52	31.92	10.17	31.15	114	158	A	H
CH 44		5149.24	56.44	-17.56	74	45.81	31.79	9.98	31.14	100	195	P	V
5220MHz		5148.98	42.49	-11.51	54	31.86	31.79	9.98	31.14	100	195	A	V
	*	5220	115.41	-	-	104.66	31.83	10.06	31.14	100	195	P	V
	*	5220	102.94	-	-	92.19	31.83	10.06	31.14	100	195	A	V
		5453	54.87	-19.13	74	43.79	31.97	10.26	31.15	100	195	P	V
		5353.6	42.62	-11.38	54	31.7	31.91	10.16	31.15	100	195	A	V

		5139.36	53.8	-20.2	74	43.19	31.78	9.97	31.14	100	184	P	H
		5150	42.29	-11.71	54	31.66	31.79	9.98	31.14	100	184	A	H
	*	5240	119.35	-	-	108.58	31.84	10.07	31.14	100	184	P	H
	*	5240	106.74	-	-	95.97	31.84	10.07	31.14	100	184	A	H
802.11ac		5357.52	54.84	-19.16	74	43.91	31.91	10.17	31.15	100	184	P	H
VHT20		5355	42.84	-11.16	54	31.92	31.91	10.16	31.15	100	184	A	H
CH 48		5142.22	54.79	-19.21	74	44.17	31.79	9.97	31.14	100	177	P	V
5240MHz		5150	41.98	-12.02	54	31.35	31.79	9.98	31.14	100	177	A	V
	*	5240	115.82	-	-	105.05	31.84	10.07	31.14	100	177	P	V
	*	5240	102.77	-	-	92	31.84	10.07	31.14	100	177	A	V
		5350.24	55.85	-18.15	74	44.93	31.91	10.16	31.15	100	177	P	V
		5357.52	43.04	-10.96	54	32.11	31.91	10.17	31.15	100	177	A	V

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10360	48.94	-19.26	68.2	50.44	39.86	15.6	56.96	100	0	P	H
		15540	45.89	-28.11	74	44.42	38.53	19.59	56.65	100	0	P	H
802.11ac													H
VHT20													H
CH 36		10360	50.87	-17.33	68.2	52.37	39.86	15.6	56.96	100	0	P	V
5180MHz		15540	46.61	-27.39	74	45.14	38.53	19.59	56.65	100	0	P	V
													V
													V
		10440	50.7	-17.5	68.2	51.97	39.98	15.67	56.92	100	0	P	H
		15660	48.12	-25.88	74	46.7	38.29	19.64	56.51	100	0	P	H
802.11ac													H
VHT20													H
CH 44		10440	51.4	-16.8	68.2	52.67	39.98	15.67	56.92	100	0	P	V
5220MHz		15660	48.96	-25.04	74	47.54	38.29	19.64	56.51	100	0	P	V
													V
													V
		10480	49.05	-19.15	68.2	50.19	40.07	15.7	56.91	100	0	P	H
		15720	47.62	-26.38	74	46.26	38.15	19.65	56.44	100	0	P	H
802.11ac													H
VHT20													H
CH 48		10480	49.76	-18.44	68.2	50.9	40.07	15.7	56.91	100	0	P	V
5240MHz		15720	48.41	-25.59	74	47.05	38.15	19.65	56.44	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5147.42	66.49	-7.51	74	55.86	31.79	9.98	31.14	100	214	P	H
		5149.24	49.77	-4.23	54	39.14	31.79	9.98	31.14	100	214	A	H
	*	5190	109.51	-	-	98.81	31.81	10.03	31.14	100	214	P	H
	*	5190	96.55	-	-	85.85	31.81	10.03	31.14	100	214	A	H
802.11ac		5366.48	53.71	-20.29	74	42.77	31.92	10.17	31.15	100	214	P	H
VHT40		5350.8	41.13	-12.87	54	30.21	31.91	10.16	31.15	100	214	A	H
CH 38		5147.16	67.46	-6.54	74	56.83	31.79	9.98	31.14	100	179	P	V
5190MHz		5149.5	50.77	-3.23	54	40.14	31.79	9.98	31.14	100	179	A	V
	*	5190	108.74	-	-	98.04	31.81	10.03	31.14	100	179	P	V
	*	5190	95.66	-	-	84.96	31.81	10.03	31.14	100	179	A	V
		5406.24	53.55	-20.45	74	42.55	31.94	10.21	31.15	100	179	P	V
		5452.72	41.46	-12.54	54	30.38	31.97	10.26	31.15	100	179	A	V
		5145.86	61.75	-12.25	74	51.12	31.79	9.98	31.14	100	201	P	H
		5150	49.97	-4.03	54	39.34	31.79	9.98	31.14	100	201	A	H
	*	5230	113.8	-	-	103.04	31.84	10.06	31.14	100	201	P	H
	*	5230	101.16	-	-	90.4	31.84	10.06	31.14	100	201	A	H
802.11ac		5353.32	55.06	-18.94	74	44.14	31.91	10.16	31.15	100	201	P	H
VHT40		5355.28	43.39	-10.61	54	32.47	31.91	10.16	31.15	100	201	A	H
CH 46		5149.5	65.68	-8.32	74	55.05	31.79	9.98	31.14	113	177	P	V
5230MHz		5150	50.41	-3.59	54	39.78	31.79	9.98	31.14	113	177	A	V
	*	5230	114.84	-	-	104.08	31.84	10.06	31.14	113	177	P	V
	*	5230	100.38	-	-	89.62	31.84	10.06	31.14	113	177	A	V
		5353.32	60.34	-13.66	74	49.42	31.91	10.16	31.15	113	177	P	V
		5350	45.49	-8.51	54	34.57	31.91	10.16	31.15	113	177	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10380	47.5	-20.7	68.2	48.94	39.89	15.62	56.95	100	0	P	H
		15570	45.98	-28.02	74	44.54	38.46	19.6	56.62	100	0	P	H
802.11ac													H
VHT40													H
CH 38		10380	48.56	-19.64	68.2	50	39.89	15.62	56.95	100	0	P	V
5190MHz		15570	45.45	-28.55	74	44.01	38.46	19.6	56.62	100	0	P	V
													V
													V
		10460	51.02	-17.18	68.2	52.25	40.01	15.68	56.92	100	0	P	H
		15690	47.23	-26.77	74	45.84	38.22	19.64	56.47	100	0	P	H
802.11ac													H
VHT40													H
CH 46		10460	52.39	-15.81	68.2	53.62	40.01	15.68	56.92	100	0	P	V
5230MHz		15690	46.98	-27.02	74	45.59	38.22	19.64	56.47	100	0	P	V
													V
													V

Remark

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

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5144.82	71.7	-2.3	74	61.08	31.79	9.97	31.14	100	239	P	H
		5149.76	49.85	-4.15	54	39.22	31.79	9.98	31.14	100	239	A	H
	*	5210	106.94	-	-	96.2	31.83	10.05	31.14	100	239	P	H
	*	5210	91.65	-	-	80.91	31.83	10.05	31.14	100	239	A	H
802.11ac		5459.72	53.09	-20.91	74	42	31.97	10.27	31.15	100	239	P	H
VHT80		5351.08	41.75	-12.25	54	30.83	31.91	10.16	31.15	100	239	A	H
CH 42		5145.08	63.69	-10.31	74	53.07	31.79	9.97	31.14	100	196	P	V
5210MHz		5150	49.82	-4.18	54	39.19	31.79	9.98	31.14	100	196	P	V
	*	5210	103.67	-	-	92.93	31.83	10.05	31.14	100	196	P	V
	*	5210	92.08	-	-	81.34	31.83	10.05	31.14	100	196	A	V
		5361.72	53.11	-20.89	74	42.17	31.92	10.17	31.15	100	196	P	V
		5453	41.75	-12.25	54	30.67	31.97	10.26	31.15	100	196	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10420	50.19	-18.01	68.2	51.52	39.95	15.65	56.93	100	0	P	H
		15630	47.05	-26.95	74	45.65	38.32	19.62	56.54	100	0	P	H
802.11ac													H
VHT80													H
CH 42		10420	50.41	-17.79	68.2	51.74	39.95	15.65	56.93	100	0	P	V
5210MHz		15630	46.8	-27.2	74	45.4	38.32	19.62	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.												

Band 2 - 5250~5350MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5065.28	53.57	-20.43	74	43.09	31.74	9.88	31.14	100	215	P	H
		5145.86	41.52	-12.48	54	30.89	31.79	9.98	31.14	100	215	A	H
	*	5260	118.7	-	-	107.9	31.86	10.09	31.15	100	215	P	H
	*	5260	106.25	-	-	95.45	31.86	10.09	31.15	100	215	A	H
802.11ac		5362.56	55.65	-18.35	74	44.71	31.92	10.17	31.15	100	215	P	H
VHT20		5350.56	42.84	-11.16	54	31.92	31.91	10.16	31.15	100	215	A	H
CH 52		5117.3	53.64	-20.36	74	43.07	31.77	9.94	31.14	100	174	P	V
5260MHz		5145.86	41.48	-12.52	54	30.85	31.79	9.98	31.14	100	174	A	V
	*	5260	115.66	-	-	104.86	31.86	10.09	31.15	100	174	P	V
	*	5260	102.94	-	-	92.14	31.86	10.09	31.15	100	174	A	V
		5350.56	58.22	-15.78	74	47.3	31.91	10.16	31.15	100	174	P	V
		5351.04	44.06	-9.94	54	33.14	31.91	10.16	31.15	100	174	A	V
		5073.44	53.79	-20.21	74	43.29	31.75	9.89	31.14	100	185	P	H
		5145.52	41.4	-12.6	54	30.78	31.79	9.97	31.14	100	185	A	H
	*	5300	119.82	-	-	108.97	31.88	10.12	31.15	100	185	P	H
	*	5300	107.19	-	-	96.34	31.88	10.12	31.15	100	185	A	H
802.11ac		5350.8	60.58	-13.42	74	49.66	31.91	10.16	31.15	100	185	P	H
VHT20		5353.92	46.62	-7.38	54	35.7	31.91	10.16	31.15	100	185	A	H
CH 60		5093.84	53	-21	74	42.47	31.76	9.91	31.14	109	198	P	V
5300MHz		5142.12	41.35	-12.65	54	30.73	31.79	9.97	31.14	109	198	A	V
	*	5300	115.7	-	-	104.85	31.88	10.12	31.15	109	198	P	V
	*	5300	103.35	-	-	92.5	31.88	10.12	31.15	109	198	A	V
		5350.32	66.8	-7.2	74	55.88	31.91	10.16	31.15	109	198	P	V
		5350.08	47.77	-6.23	54	36.85	31.91	10.16	31.15	109	198	A	V

	*	5320	119.11	-	-	108.23	31.89	10.14	31.15	100	185	P	H
	*	5320	106.35	-	-	95.47	31.89	10.14	31.15	100	185	A	H
		5351.2	69.37	-4.63	74	58.45	31.91	10.16	31.15	100	185	P	H
		5350.08	50.76	-3.24	54	39.84	31.91	10.16	31.15	100	185	A	H
802.11ac													H
VHT20													H
CH 64	*	5320	115.15	-	-	104.27	31.89	10.14	31.15	100	199	P	V
5320MHz	*	5320	102.36	-	-	91.48	31.89	10.14	31.15	100	199	A	V
		5353.76	67.7	-6.3	74	56.78	31.91	10.16	31.15	100	199	P	V
		5350.08	50.65	-3.35	54	39.73	31.91	10.16	31.15	100	199	A	V
													V
													V

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

Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10520	48.23	-19.97	68.2	49.27	40.11	15.73	56.88	100	0	P	H
		15780	47.24	-26.76	74	45.87	38.05	19.68	56.36	100	0	P	H
802.11ac													H
VHT20													H
CH 52		10520	49.29	-18.91	68.2	50.33	40.11	15.73	56.88	100	0	P	V
5260MHz		15780	48.07	-25.93	74	46.7	38.05	19.68	56.36	100	0	P	V
													V
													V
		10600	50.09	-23.91	74	50.93	40.18	15.8	56.82	100	252	P	H
		10600	37.5	-16.5	54	38.34	40.18	15.8	56.82	100	252	A	H
802.11ac		15900	47.16	-26.84	74	45.84	37.81	19.73	56.22	100	0	P	H
VHT20													H
CH 60		10600	49.91	-24.09	74	50.75	40.18	15.8	56.82	100	184	P	V
5300MHz		10600	37.41	-16.59	54	38.25	40.18	15.8	56.82	100	184	A	V
		15900	48.26	-25.74	74	46.94	37.81	19.73	56.22	100	0	P	V
													V
		10640	50.69	-23.31	74	51.45	40.21	15.82	56.79	100	0	P	H
		10640	36.66	-17.34	54	37.42	40.21	15.82	56.79	100	0	A	H
802.11ac		15960	46.96	-27.04	74	45.7	37.67	19.74	56.15	100	0	P	H
VHT20													H
CH 64		10640	51.99	-22.01	74	52.75	40.21	15.82	56.79	101	271	P	V
5320MHz		10640	38.52	-15.48	54	39.28	40.21	15.82	56.79	101	271	A	V
		15960	48.44	-25.56	74	47.18	37.67	19.74	56.15	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5149.6	54.76	-19.24	74	44.13	31.79	9.98	31.14	100	207	P	H
		5145.18	56.06	-17.94	74	45.44	31.79	9.97	31.14	100	207	P	H
		5148.92	43.1	-10.9	54	32.47	31.79	9.98	31.14	100	207	A	H
	*	5270	114.13	-	-	103.32	31.86	10.1	31.15	100	207	P	H
802.11ac	*	5270	103.23	-	-	92.42	31.86	10.1	31.15	100	207	A	H
VHT40		5351.28	63.33	-10.67	74	52.41	31.91	10.16	31.15	100	207	P	H
CH 54		5144.5	54.97	-19.03	74	44.35	31.79	9.97	31.14	103	174	P	V
5270MHz		5149.94	43.6	-10.4	54	32.97	31.79	9.98	31.14	103	174	A	V
	*	5270	113.76	-	-	102.95	31.86	10.1	31.15	103	174	P	V
	*	5270	101.38	-	-	90.57	31.86	10.1	31.15	103	174	A	V
		5358.24	68.15	-5.85	74	57.22	31.91	10.17	31.15	103	174	P	V
		5350.8	52.52	-1.48	54	41.6	31.91	10.16	31.15	103	174	A	V
		5127.16	53.52	-20.48	74	42.93	31.78	9.95	31.14	100	246	P	H
		5147.22	40.49	-13.51	54	29.86	31.79	9.98	31.14	100	246	A	H
	*	5310	109.64	-	-	98.77	31.89	10.13	31.15	100	246	P	H
	*	5310	97.36	-	-	86.49	31.89	10.13	31.15	100	246	A	H
802.11ac		5352.24	72.11	-1.89	74	61.19	31.91	10.16	31.15	100	246	P	H
VHT40		5350.8	51.51	-2.49	54	40.59	31.91	10.16	31.15	100	246	A	H
CH 62		5112.54	51.74	-22.26	74	41.17	31.77	9.94	31.14	110	192	P	V
5310MHz		5145.52	40.73	-13.27	54	30.11	31.79	9.97	31.14	110	192	A	V
	*	5310	107.7	-	-	96.83	31.89	10.13	31.15	110	192	P	V
	*	5310	94.84	-	-	83.97	31.89	10.13	31.15	110	192	A	V
		5350.32	69.32	-4.68	74	58.4	31.91	10.16	31.15	110	192	P	V
		5350.08	51.21	-2.79	54	40.29	31.91	10.16	31.15	110	192	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10540	48.16	-20.04	68.2	49.15	40.13	15.75	56.87	100	0	P	H
		15810	47.84	-26.16	74	46.5	37.98	19.69	56.33	100	0	P	H
802.11ac													H
VHT40													H
CH 54		10540	50.47	-17.73	68.2	51.46	40.13	15.75	56.87	100	0	P	V
5270MHz		15810	48.71	-25.29	74	47.37	37.98	19.69	56.33	100	0	P	V
													V
													V
		10620	48.79	-25.21	74	49.59	40.2	15.8	56.8	100	0	P	H
		15930	46.41	-27.59	74	45.11	37.74	19.74	56.18	100	0	P	H
802.11ac													H
VHT40													H
CH 62		10620	50.65	-23.35	74	51.45	40.2	15.8	56.8	120	137	P	V
5310MHz		10620	36.95	-17.05	54	37.75	40.2	15.8	56.8	120	137	A	V
		15930	47.42	-26.58	74	46.12	37.74	19.74	56.18	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5124.44	53.1	-20.9	74	42.51	31.78	9.95	31.14	100	239	P	H
		5148.58	40.4	-13.6	54	29.77	31.79	9.98	31.14	100	239	A	H
	*	5290	106.83	-	-	96	31.87	10.11	31.15	100	239	P	H
	*	5290	92.24	-	-	81.41	31.87	10.11	31.15	100	239	A	H
802.11ac		5350.08	65	-9	74	54.08	31.91	10.16	31.15	100	239	P	H
VHT80		5351.52	52.69	-1.31	54	41.77	31.91	10.16	31.15	100	239	A	H
CH 58		5006.46	52.64	-21.36	74	42.26	31.71	9.81	31.14	111	191	P	V
5290MHz		5145.52	40.53	-13.47	54	29.91	31.79	9.97	31.14	111	191	A	V
	*	5290	104.5	-	-	93.67	31.87	10.11	31.15	111	191	P	V
	*	5290	90.68	-	-	79.85	31.87	10.11	31.15	111	191	A	V
		5350.08	61.22	-12.78	74	50.3	31.91	10.16	31.15	111	191	P	V
		5356.08	47.91	-6.09	54	36.99	31.91	10.16	31.15	111	191	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		10580	51.27	-16.93	68.2	52.16	40.17	15.78	56.84	100	0	P	H
		15870	47.41	-26.59	74	46.12	37.84	19.71	56.26	100	0	P	H
802.11ac													H
VHT80													H
CH 58		10580	50.41	-17.79	68.2	51.3	40.17	15.78	56.84	100	0	P	V
5290MHz		15870	46.28	-27.72	74	44.99	37.84	19.71	56.26	100	0	P	V
													V
													V

Remark

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5469.52	63.8	-10.2	74	52.69	31.98	10.28	31.15	100	238	P	H
		5469.52	48.53	-5.47	54	37.42	31.98	10.28	31.15	100	238	A	H
	*	5500	114.15	-	-	102.99	32	10.31	31.15	100	238	P	H
	*	5500	101.42	-	-	90.26	32	10.31	31.15	100	238	A	H
802.11ac													H
VHT20													H
CH 100		5467.44	67	-7	74	55.9	31.98	10.27	31.15	100	193	P	V
5500MHz		5470	52.05	-1.95	54	40.94	31.98	10.28	31.15	100	193	A	V
	*	5500	114.01	-	-	102.85	32	10.31	31.15	100	193	P	V
	*	5500	102.34	-	-	91.18	32	10.31	31.15	100	193	A	V
													V
													V
		5421.76	54.33	-19.67	74	43.31	31.95	10.22	31.15	100	236	P	H
		5464.96	42.42	-11.58	54	31.32	31.98	10.27	31.15	100	236	A	H
	*	5580	119.19	-	-	107.89	32.1	10.4	31.2	100	236	P	H
	*	5580	106.1	-	-	94.8	32.1	10.4	31.2	100	236	A	H
802.11ac		5729.09	54.81	-19.19	74	43.24	32.31	10.52	31.26	100	236	P	H
VHT20		5731.295	42.92	-11.08	54	31.35	32.31	10.53	31.27	100	236	A	H
CH 116		5367.28	54.58	-19.42	74	43.64	31.92	10.17	31.15	107	190	P	V
5580MHz		5452.72	42.47	-11.53	54	31.39	31.97	10.26	31.15	107	190	A	V
	*	5580	117.14	-	-	105.84	32.1	10.4	31.2	107	190	P	V
	*	5580	104.12	-	-	92.82	32.1	10.4	31.2	107	190	A	V
		5761.85	54.36	-19.64	74	42.73	32.36	10.55	31.28	107	190	P	V
		5760.59	42.34	-11.66	54	30.71	32.36	10.55	31.28	107	190	A	V

	*	5700	117.25	-	-	105.73	32.27	10.5	31.25	100	235	P	H
	*	5700	104.33	-	-	92.81	32.27	10.5	31.25	100	235	A	H
		5726.2	62.99	-11.01	74	51.42	32.31	10.52	31.26	100	235	P	H
		5725	50.17	-3.83	54	38.6	32.31	10.52	31.26	100	235	A	H
802.11ac													H
VHT20													H
CH 140	*	5700	116.78	-	-	105.26	32.27	10.5	31.25	104	173	P	V
5700MHz	*	5700	102.96	-	-	91.44	32.27	10.5	31.25	104	173	A	V
		5730.36	63.41	-10.59	74	51.85	32.31	10.52	31.27	104	173	P	V
		5725	49.1	-4.9	54	37.53	32.31	10.52	31.26	104	173	A	V
													V
													V

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

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11000	51.28	-22.72	74	51.18	40.5	16.1	56.5	100	0	P	H
		11000	37.37	-16.63	54	37.27	40.5	16.1	56.5	100	0	A	H
802.11ac		16500	46.97	-27.03	74	42.89	39.6	20.18	55.7	100	0	P	H
VHT20													H
CH 100		11000	50.65	-23.35	74	50.55	40.5	16.1	56.5	100	249	P	V
5500MHz		11000	37.6	-16.4	54	37.5	40.5	16.1	56.5	100	249	A	V
		16500	46.59	-27.41	74	42.51	39.6	20.18	55.7	100	0	P	V
													V
		11160	51.43	-22.57	74	51.27	40.37	16.23	56.44	106	188	P	H
		11160	37.89	-16.11	54	37.73	40.37	16.23	56.44	106	188	A	H
802.11ac		16740	50.35	-23.65	74	45.74	40.13	20.37	55.89	100	0	P	H
VHT20		16740	36.99	-17.01	54	32.38	40.13	20.37	55.89	100	0	A	H
CH 116		11160	52.65	-21.35	74	52.49	40.37	16.23	56.44	105	271	P	V
5580MHz		11160	39.17	-14.83	54	39.01	40.37	16.23	56.44	105	271	A	V
		16740	52.83	-21.17	74	48.22	40.13	20.37	55.89	101	190	P	V
		16740	36.79	-17.21	54	32.18	40.13	20.37	55.89	101	190	A	V
		11400	48.77	-25.23	74	48.51	40.18	16.42	56.34	100	0	P	H
		17100	48.75	-25.25	74	43.32	41.06	20.67	56.3	100	0	P	H
802.11ac													H
VHT20													H
CH 140		11400	48.9	-25.1	74	48.64	40.18	16.42	56.34	100	0	P	V
5700MHz		17100	52	-22	74	46.57	41.06	20.67	56.3	100	92	P	V
		17100	38.42	-15.58	54	32.99	41.06	20.67	56.3	100	92	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5467.12	67.66	-6.34	74	56.56	31.98	10.27	31.15	104	240	P	H
		5469.76	48.09	-5.91	54	36.98	31.98	10.28	31.15	104	240	A	H
	*	5510	108.56	-	-	97.4	32	10.32	31.16	104	240	P	H
	*	5510	95.44	-	-	84.28	32	10.32	31.16	104	240	A	H
802.11ac		5755.235	54.43	-19.57	74	42.8	32.36	10.54	31.27	104	240	P	H
VHT40		5760.275	41.81	-12.19	54	30.18	32.36	10.55	31.28	104	240	A	H
CH 102		5469.28	71.9	-2.1	74	60.79	31.98	10.28	31.15	107	190	P	V
5510MHz		5470	52.56	-1.44	54	41.45	31.98	10.28	31.15	107	190	A	V
	*	5510	108.96	-	-	97.8	32	10.32	31.16	107	190	P	V
	*	5510	95.89	-	-	84.73	32	10.32	31.16	107	190	A	V
		5765	53.81	-20.19	74	42.18	32.36	10.55	31.28	107	190	P	V
		5760.275	42.17	-11.83	54	30.54	32.36	10.55	31.28	107	190	A	V
		5465.92	59.01	-14.99	74	47.91	31.98	10.27	31.15	100	237	P	H
		5469.76	46.36	-7.64	54	35.25	31.98	10.28	31.15	100	237	A	H
	*	5550	116.24	-	-	104.98	32.07	10.36	31.17	100	237	P	H
	*	5550	102.69	-	-	91.43	32.07	10.36	31.17	100	237	A	H
802.11ac		5745.155	54.99	-19.01	74	43.38	32.34	10.54	31.27	100	237	P	H
VHT40		5725.31	42.23	-11.77	54	30.66	32.31	10.52	31.26	100	237	A	H
CH 110		5469.04	64.77	-9.23	74	53.66	31.98	10.28	31.15	100	189	P	V
5550MHz		5469.04	48.14	-5.86	54	37.03	31.98	10.28	31.15	100	189	A	V
	*	5550	116.2	-	-	104.94	32.07	10.36	31.17	100	189	P	V
	*	5550	101.32	-	-	90.06	32.07	10.36	31.17	100	189	A	V
		5725.94	54.68	-19.32	74	43.11	32.31	10.52	31.26	100	189	P	V
		5725	42.17	-11.83	54	30.6	32.31	10.52	31.26	100	189	A	V

		5461.3	53.41	-20.59	74	42.32	31.97	10.27	31.15	105	234	P	H
		5452.2	41.09	-12.91	54	30.01	31.97	10.26	31.15	105	234	A	H
	*	5670	112.51	-	-	101.02	32.24	10.48	31.23	105	234	P	H
	*	5670	99.93	-	-	88.44	32.24	10.48	31.23	105	234	A	H
802.11ac		5725.275	68.76	-5.24	74	57.19	32.31	10.52	31.26	105	234	P	H
VHT40		5725	52.83	-1.17	54	41.26	32.31	10.52	31.26	105	234	A	H
CH 134		5459.9	54.16	-19.84	74	43.07	31.97	10.27	31.15	100	182	P	V
5670MHz		5452.9	41.52	-12.48	54	30.44	31.97	10.26	31.15	100	182	A	V
	*	5670	113.1	-	-	101.61	32.24	10.48	31.23	100	182	P	V
	*	5670	101.1	-	-	89.61	32.24	10.48	31.23	100	182	A	V
		5726.325	66.57	-7.43	74	55	32.31	10.52	31.26	100	182	P	V
		5725	50.09	-3.91	54	38.52	32.31	10.52	31.26	100	182	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11020	49.78	-24.22	74	49.66	40.49	16.12	56.49	100	82	P	H
		11020	36.82	-17.18	54	36.7	40.49	16.12	56.49	100	82	A	H
802.11ac		16530	47.21	-26.79	74	43.05	39.68	20.2	55.72	100	0	P	H
VHT40													H
CH 102		11020	50.17	-23.83	74	50.05	40.49	16.12	56.49	120	105	P	V
5510MHz		11020	36.84	-17.16	54	36.72	40.49	16.12	56.49	120	105	A	V
		16530	46.67	-27.33	74	42.51	39.68	20.2	55.72	100	0	P	V
													V
		11100	50.88	-23.12	74	50.74	40.42	16.18	56.46	100	0	P	H
		11100	36.06	-17.94	54	35.92	40.42	16.18	56.46	100	0	A	H
802.11ac		16650	47.6	-26.4	74	43.18	39.94	20.3	55.82	100	0	P	H
VHT40													H
CH 110		11100	48.69	-25.31	74	48.55	40.42	16.18	56.46	100	0	P	V
5550MHz		16650	47.88	-26.12	74	43.46	39.94	20.3	55.82	100	0	P	V
													V
													V
		11340	51.59	-22.41	74	51.34	40.23	16.38	56.36	100	282	P	H
		11340	37.23	-16.77	54	36.98	40.23	16.38	56.36	100	282	A	H
802.11ac		17010	52.25	-21.75	74	47.02	40.76	20.59	56.12	100	147	P	H
VHT40		17010	37.39	-16.61	54	32.16	40.76	20.59	56.12	100	147	A	H
CH 134		11340	51.7	-22.3	74	51.45	40.23	16.38	56.36	100	267	P	V
5670MHz		11340	37.22	-16.78	54	36.97	40.23	16.38	56.36	100	267	A	V
		17010	51.8	-22.2	74	46.57	40.76	20.59	56.12	111	189	P	V
		17010	37.77	-16.23	54	32.54	40.76	20.59	56.12	111	189	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5466.4	62.44	-11.56	74	51.34	31.98	10.27	31.15	100	244	P	H
		5468.8	46.68	-7.32	54	35.57	31.98	10.28	31.15	100	244	A	H
	*	5530	104.75	-	-	93.56	32.02	10.34	31.17	100	244	P	H
	*	5530	90.61	-	-	79.42	32.02	10.34	31.17	100	244	A	H
802.11ac		5731.61	53.02	-20.98	74	41.45	32.31	10.53	31.27	100	244	P	H
VHT80		5725.625	41.44	-12.56	54	29.87	32.31	10.52	31.26	100	244	A	H
CH 106		5466.88	72	-2	74	60.9	31.98	10.27	31.15	103	189	P	V
5530MHz		5465.68	50.5	-3.5	54	39.4	31.98	10.27	31.15	103	189	A	V
	*	5530	105.21	-	-	94.02	32.02	10.34	31.17	103	189	P	V
	*	5530	90.66	-	-	79.47	32.02	10.34	31.17	103	189	A	V
		5742.32	52.7	-21.3	74	41.1	32.34	10.53	31.27	103	189	P	V
		5760.275	41.57	-12.43	54	29.94	32.36	10.55	31.28	103	189	A	V
		5469.76	57.26	-16.74	74	46.15	31.98	10.28	31.15	100	235	P	H
		5469.52	45.98	-8.02	54	34.87	31.98	10.28	31.15	100	235	A	H
	*	5610	111.82	-	-	100.46	32.14	10.43	31.21	100	235	P	H
	*	5610	97.56	-	-	86.2	32.14	10.43	31.21	100	235	A	H
802.11ac		5726.885	62.77	-11.23	74	51.2	32.31	10.52	31.26	100	235	P	H
VHT80		5725	51.31	-2.69	54	39.74	32.31	10.52	31.26	100	235	A	H
CH 122		5463.28	62.33	-11.67	74	51.23	31.98	10.27	31.15	113	174	P	V
5610MHz		5469.28	46.99	-7.01	54	35.88	31.98	10.28	31.15	113	174	A	V
	*	5610	111.99	-	-	100.63	32.14	10.43	31.21	113	174	P	V
	*	5610	97.21	-	-	85.85	32.14	10.43	31.21	113	174	A	V
		5738.855	60.84	-13.16	74	49.24	32.34	10.53	31.27	113	174	P	V
		5725	50.73	-3.27	54	39.16	32.31	10.52	31.26	113	174	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11060	50.06	-23.94	74	49.94	40.45	16.15	56.48	109	256	P	H
		11060	37.16	-16.84	54	37.04	40.45	16.15	56.48	109	256	A	H
802.11ac		16590	47	-27	74	42.73	39.79	20.25	55.77	100	0	P	H
VHT80													H
CH 106		11060	51.14	-22.86	74	51.02	40.45	16.15	56.48	100	153	P	V
5530MHz		11060	37	-17	54	36.88	40.45	16.15	56.48	100	153	A	V
		16590	47.1	-26.9	74	42.83	39.79	20.25	55.77	100	0	P	V
													V
		11220	48.05	-25.95	74	47.85	40.33	16.28	56.41	100	0	P	H
		16830	47.9	-26.1	74	43.09	40.32	20.45	55.96	100	0	P	H
802.11ac													H
VHT80													H
CH 122		11220	48.97	-25.03	74	48.77	40.33	16.28	56.41	100	0	P	V
5610MHz		16830	48.32	-25.68	74	43.51	40.32	20.45	55.96	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 144 5720MHz		5436.97	53.66	-20.34	74	42.61	31.96	10.24	31.15	100	235	P	H
		5468.56	52.65	-15.55	68.2	41.54	31.98	10.28	31.15	100	235	P	H
		5459.59	41.6	-12.4	54	30.51	31.97	10.27	31.15	100	235	A	H
	*	5720	119.44	-	-	107.87	32.31	10.52	31.26	100	235	P	H
	*	5720	106.3	-	-	94.73	32.31	10.52	31.26	100	235	A	H
		5899.25	55.24	-12.96	68.2	43.37	32.56	10.65	31.34	100	235	P	H
		5392.9	53.62	-20.38	74	42.65	31.93	10.19	31.15	100	171	P	V
		5463.1	52.81	-15.39	68.2	41.71	31.98	10.27	31.15	100	171	P	V
		5452.57	41.97	-12.03	54	30.89	31.97	10.26	31.15	100	171	A	V
	*	5720	117.17	-	-	105.6	32.31	10.52	31.26	100	171	P	V
	*	5720	105.22	-	-	93.65	32.31	10.52	31.26	100	171	A	V
		5934.25	54.98	-13.22	68.2	43.07	32.6	10.68	31.37	100	171	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11440	48.41	-25.59	74	48.13	40.15	16.45	56.32	100	0	P	H
		17160	50.68	-17.52	68.2	45.09	41.3	20.71	56.42	100	0	P	H
802.11ac													H
VHT20													H
CH 144		11440	51.37	-22.63	74	51.09	40.15	16.45	56.32	100	245	P	V
5720MHz		11440	37.7	-16.3	54	37.42	40.15	16.45	56.32	100	245	A	V
		17160	51.72	-16.48	68.2	46.13	41.3	20.71	56.42	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5450.23	53.68	-20.32	74	42.6	31.97	10.26	31.15	112	239	P	H
		5464.27	53.9	-14.3	68.2	42.8	31.98	10.27	31.15	112	239	P	H
		5452.57	41.03	-12.97	54	29.95	31.97	10.26	31.15	112	239	A	H
	*	5710	116.3	-	-	104.76	32.29	10.51	31.26	112	239	P	H
802.11ac	*	5710	104.08	-	-	92.54	32.29	10.51	31.26	112	239	A	H
VHT40		5864.5	55.32	-12.88	68.2	43.51	32.51	10.63	31.33	112	239	P	H
CH 142		5423.32	53.71	-20.29	74	42.68	31.95	10.23	31.15	124	195	P	V
5710MHz		5464.27	52.91	-15.29	68.2	41.81	31.98	10.27	31.15	124	195	P	V
		5452.57	41.35	-12.65	54	30.27	31.97	10.26	31.15	124	195	A	V
	*	5710	116.67	-	-	105.13	32.29	10.51	31.26	124	195	P	V
	*	5710	102.14	-	-	90.6	32.29	10.51	31.26	124	195	A	V
		5865.75	55.59	-12.61	68.2	43.78	32.51	10.63	31.33	124	195	P	V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11420	48.83	-25.17	74	48.56	40.17	16.43	56.33	100	0	P	H
		17130	48.66	-19.54	68.2	43.14	41.18	20.7	56.36	100	0	P	H
802.11ac													H
VHT40													H
CH 142		11420	48.5	-25.5	74	48.23	40.17	16.43	56.33	100	0	P	V
5710MHz		17130	51.18	-17.02	68.2	45.66	41.18	20.7	56.36	100	0	P	V
													V
													V

Remark

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

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		5454.52	53.62	-20.38	74	42.54	31.97	10.26	31.15	100	229	P	H
		5465.44	53.54	-14.66	68.2	42.44	31.98	10.27	31.15	100	229	P	H
		5456.08	41.33	-12.67	54	30.25	31.97	10.26	31.15	100	229	A	H
	*	5690	110.65	-	-	99.14	32.27	10.49	31.25	100	229	P	H
802.11ac	*	5690	95.43	-	-	83.92	32.27	10.49	31.25	100	229	A	H
VHT80		5850.5	59.44	-8.76	68.2	47.66	32.48	10.62	31.32	100	229	P	H
CH 138		5459.59	54.94	-19.06	74	43.85	31.97	10.27	31.15	100	190	P	V
5690MHz		5469.73	55.21	-12.99	68.2	44.1	31.98	10.28	31.15	100	190	P	V
		5459.98	42.68	-11.32	54	31.59	31.97	10.27	31.15	100	190	A	V
	*	5690	111.64	-	-	100.13	32.27	10.49	31.25	100	190	P	V
	*	5690	97.4	-	-	85.89	32.27	10.49	31.25	100	190	A	V
		5851	61.82	-6.38	68.2	50.04	32.48	10.62	31.32	100	190	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
		11380	48.99	-25.01	74	48.74	40.19	16.41	56.35	100	0	P	H
		17070	49.27	-18.93	68.2	43.93	40.94	20.64	56.24	100	0	P	H
802.11ac													H
VHT80													H
CH 138		11380	48.97	-25.03	74	48.72	40.19	16.41	56.35	100	0	P	V
5690MHz		17070	48.81	-19.39	68.2	43.47	40.94	20.64	56.24	100	0	P	V
													V
													V

Remark

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

Note symbol

*	**Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency.
!	Test result is **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	Path	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. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) = Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

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

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix C. Radiated Spurious Emission Plots

Test Engineer :	Jack Cheng, Lance Chiang, and Peter Liao	**Temperature :**	22~25°C
		Relative Humidity :	53~67%

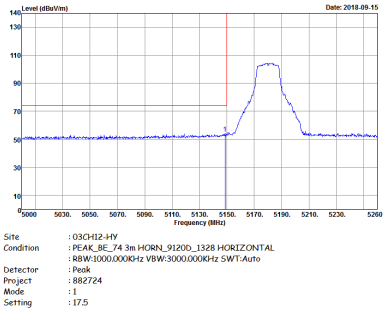
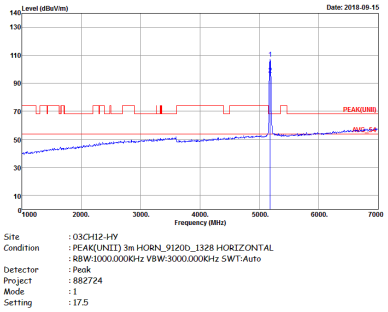
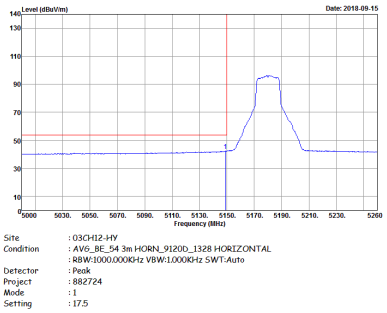
Note symbol

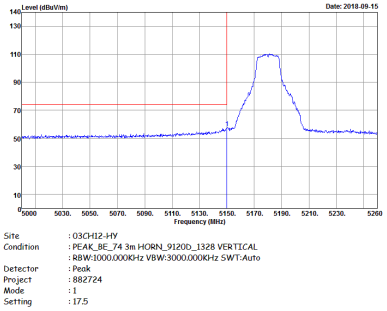
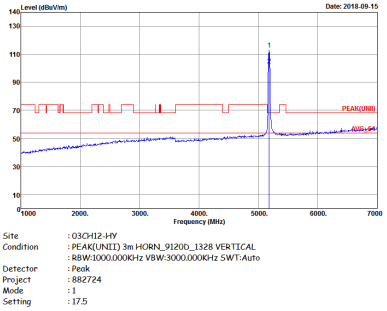
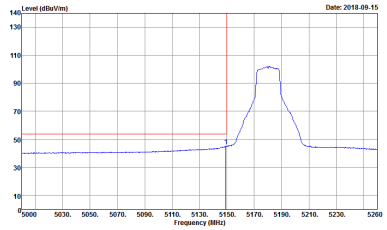
-L	**Low channel location**
-R	**High channel location**

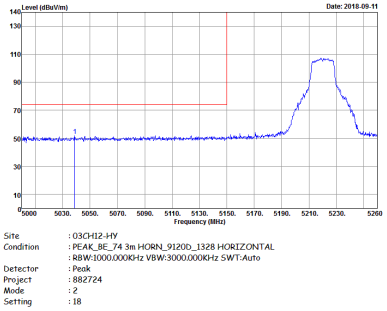
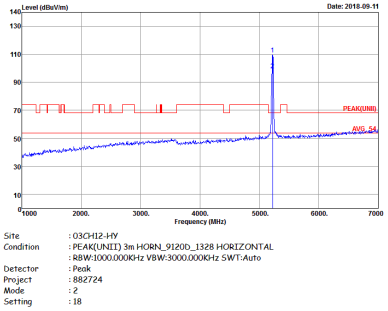
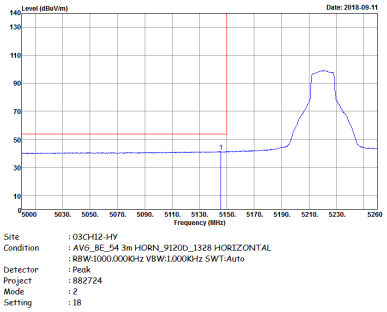
<CDD Mode>

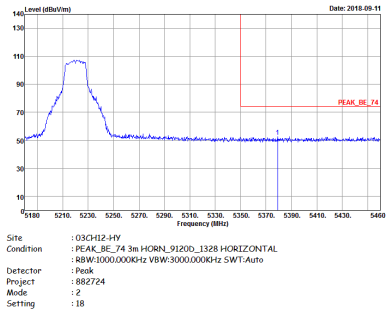
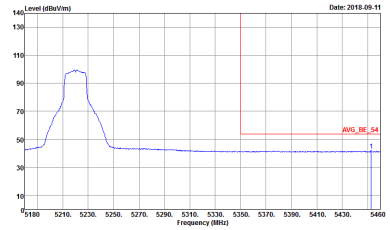
Band 1 - 5150~5250MHz

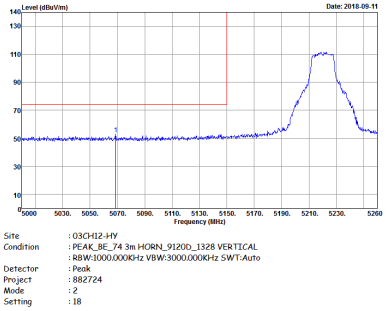
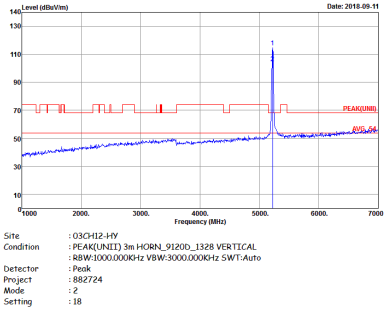
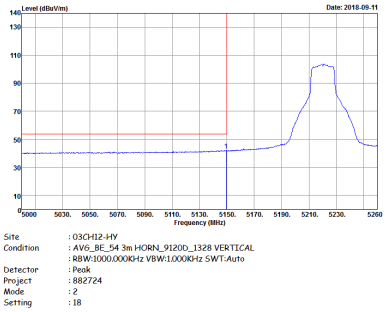
WIFI 802.11a (Band Edge @ 3m)

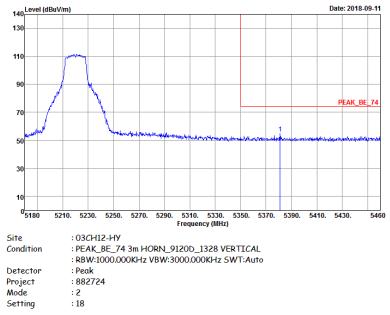
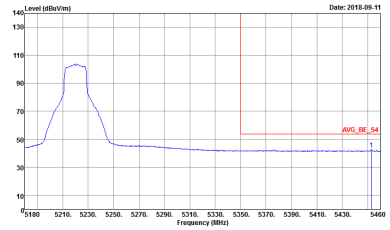
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

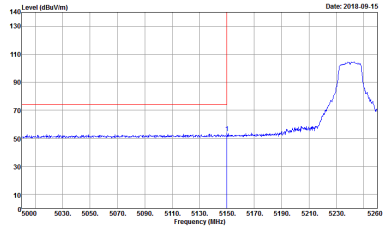
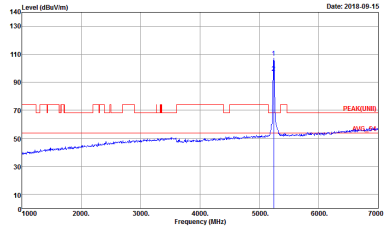
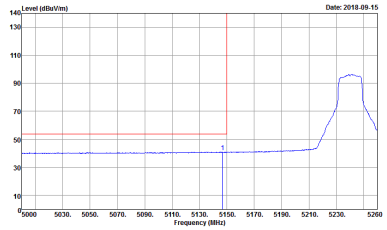
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 1 Setting : 17.5	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 1 Setting : 17.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 1 Setting : 17.5	Left blank

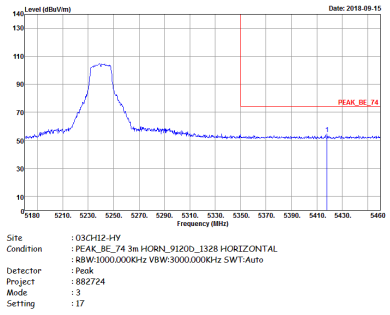
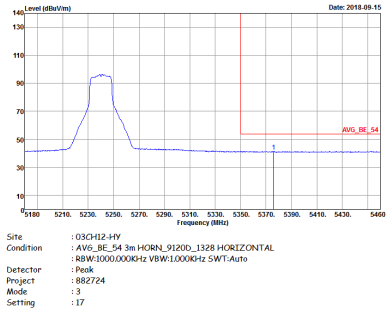
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

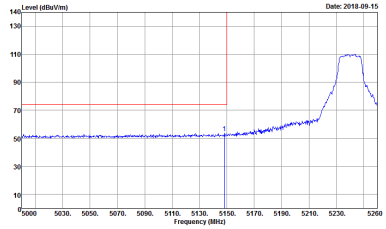
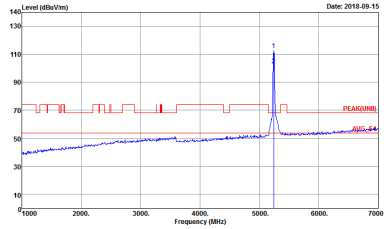
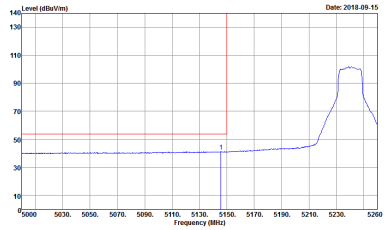
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 2 Setting : 18	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 2 Setting : 18	Left blank

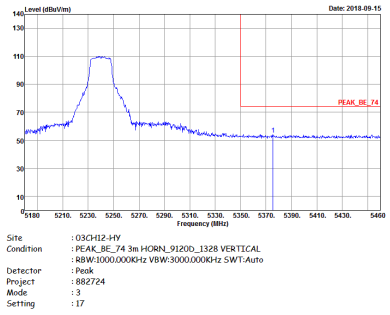
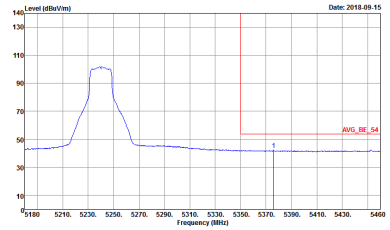
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 2 Setting : 18	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 2 Setting : 18	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 3 Setting : 17	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 3 Setting : 17
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 3 Setting : 17	Left blank

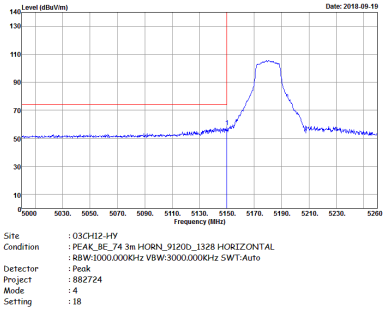
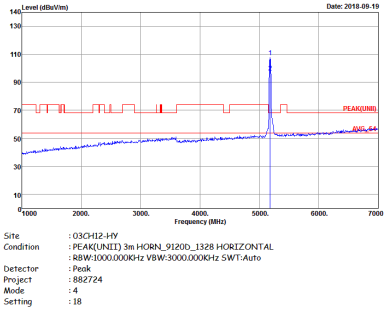
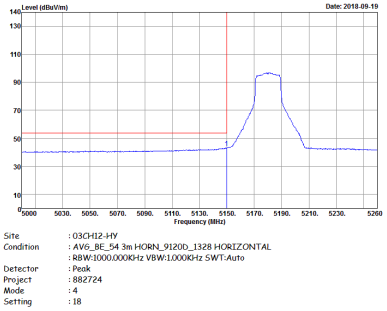
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 3 Setting : 17	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 3 Setting : 17	Left blank

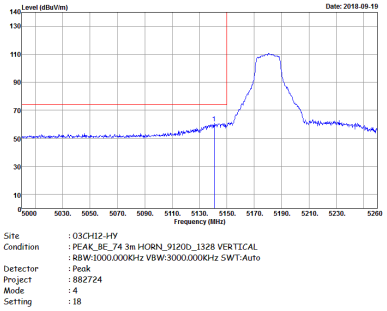
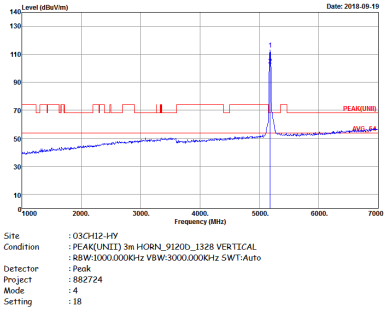
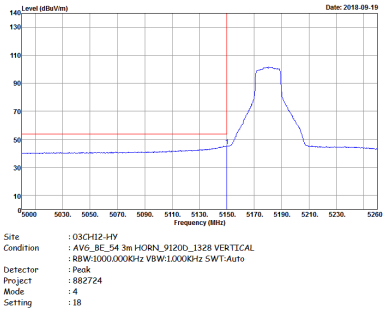
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 3 Setting : 17	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 3 Setting : 17
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 3 Setting : 17	Left blank

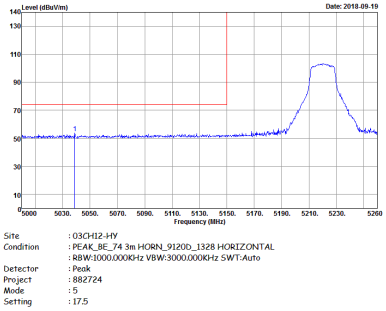
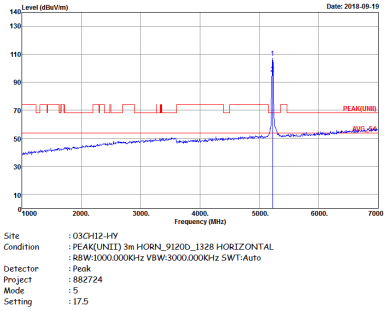
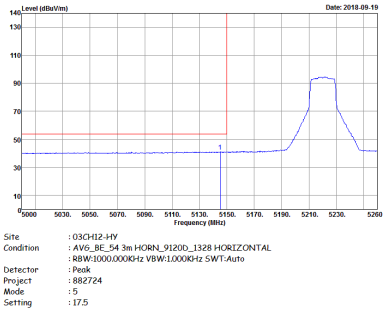
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 3 Setting : 17	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 3 Setting : 17	Left blank

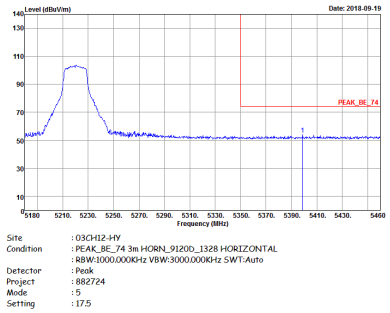
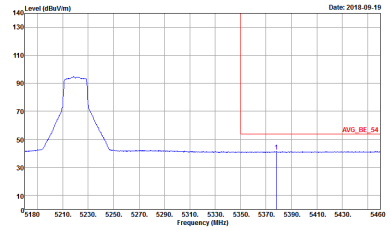
Band 1 5150~5250MHz

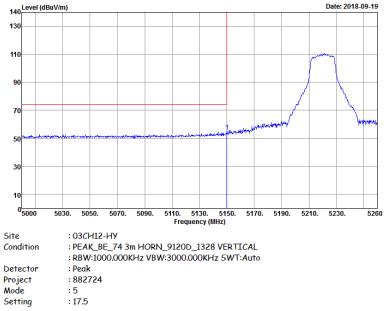
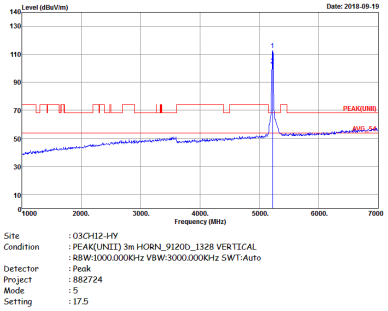
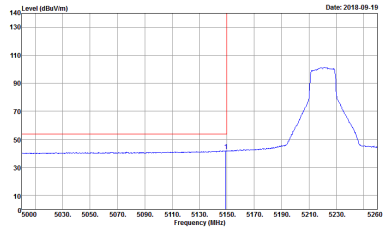
WIFI 802.11n HT20 (Band Edge @ 3m)

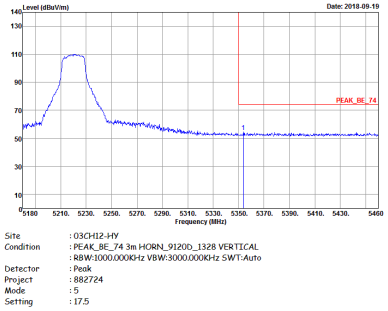
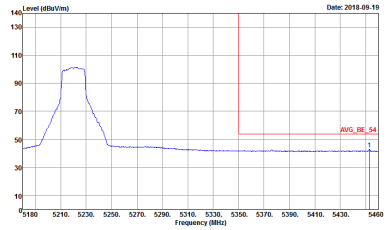
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

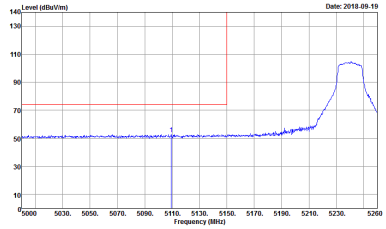
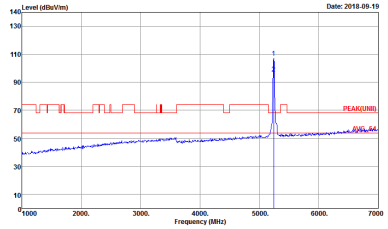
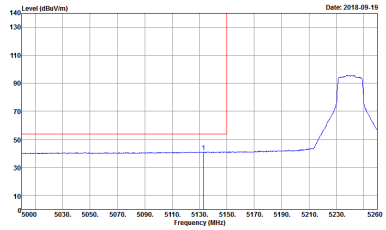
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

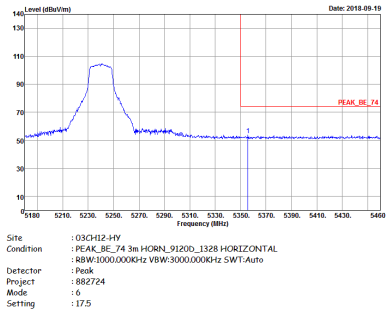
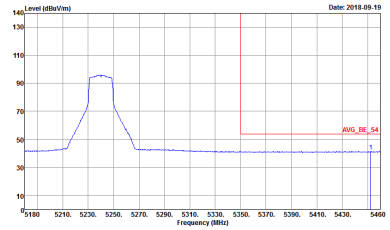
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

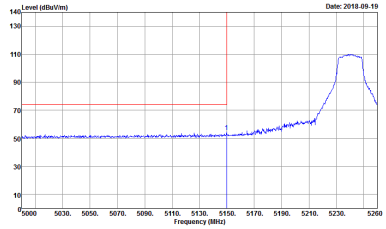
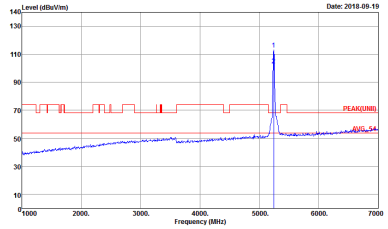
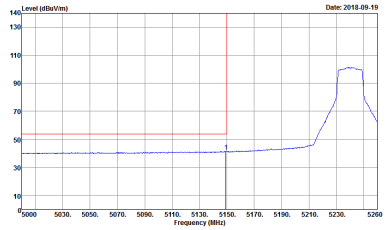
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 5 Setting : 17.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 5 Setting : 17.5	Left blank

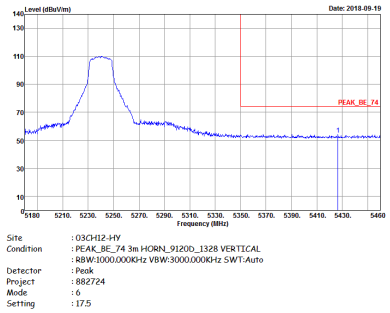
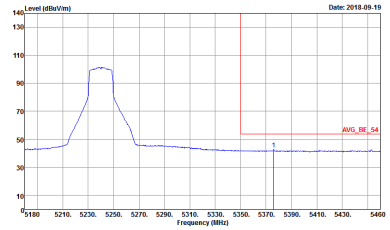
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 5 Setting : 17.5	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 5 Setting : 17.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 5 Setting : 17.5	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH44 5220MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 5 Setting : 17.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 5 Setting : 17.5	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 6 Setting : 17.5	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 6 Setting : 17.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 6 Setting : 17.5	Left blank

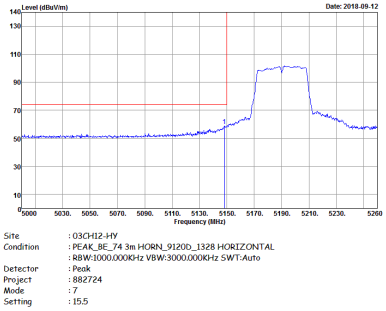
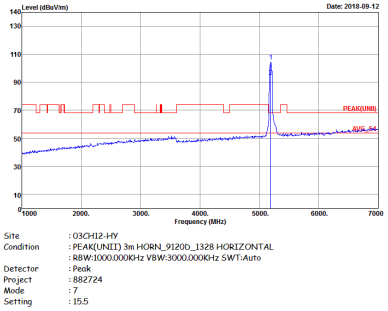
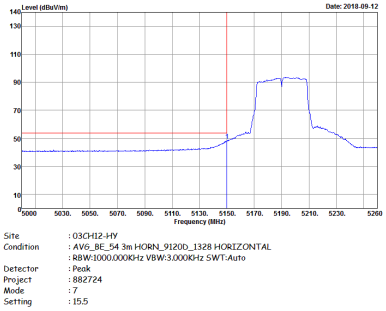
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 6 Setting : 17.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 6 Setting : 17.5	Left blank

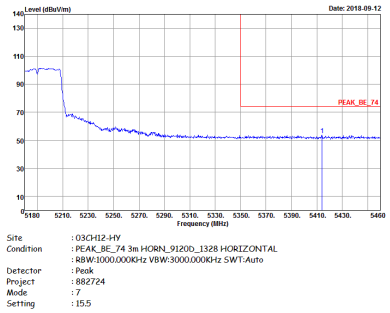
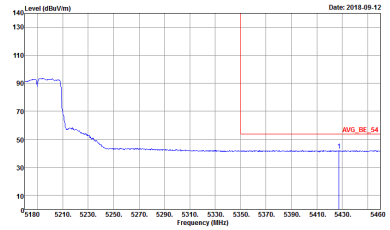
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 6 Setting : 17.5	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 6 Setting : 17.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 6 Setting : 17.5	Left blank

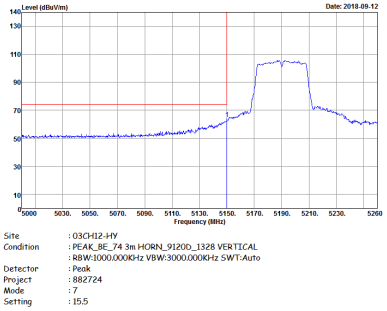
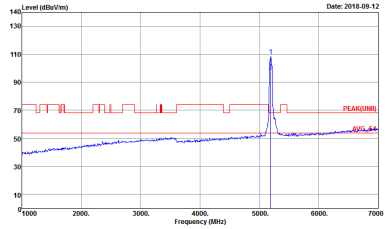
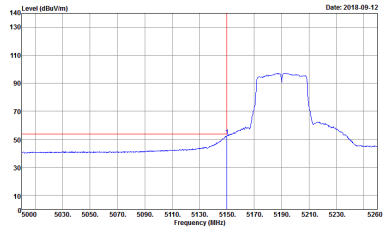
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT20 CH48 5240MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 6 Setting : 17.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 6 Setting : 17.5	Left blank

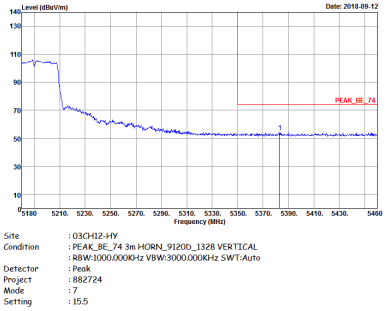
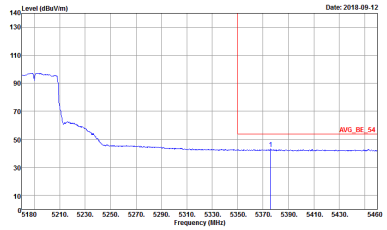
Band 1 5150~5250MHz

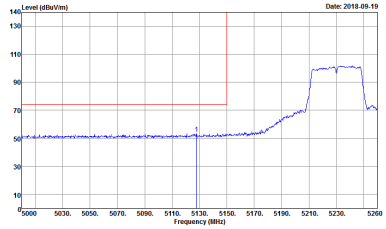
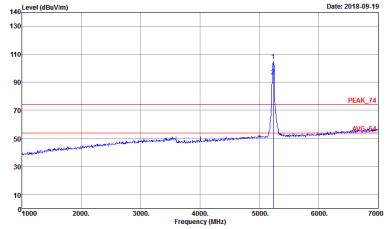
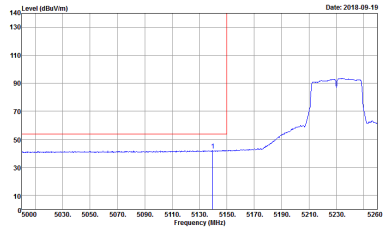
WIFI 802.11n HT40 (Band Edge @ 3m)

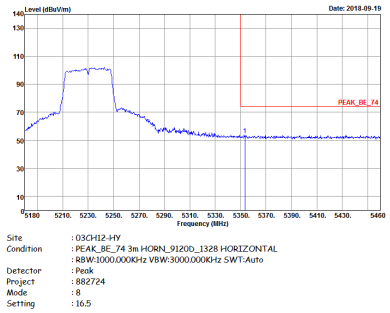
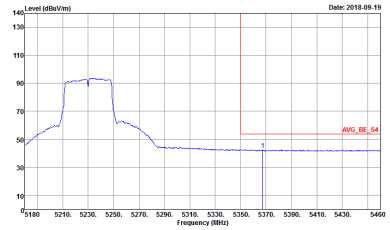
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

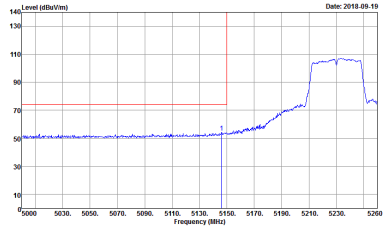
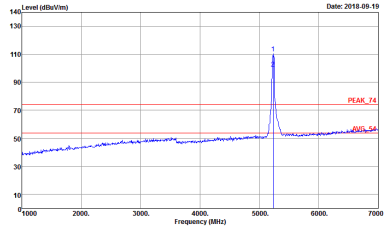
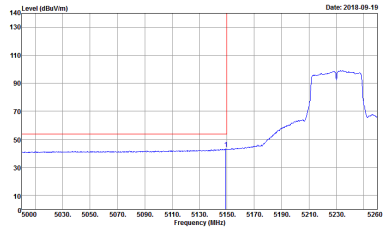
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 7 Setting : 15.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 7 Setting : 15.5	Left blank

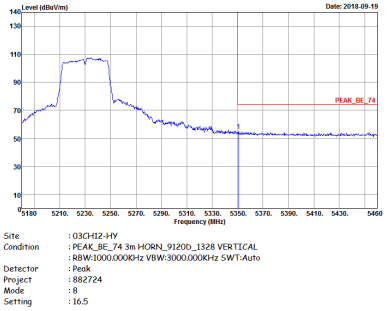
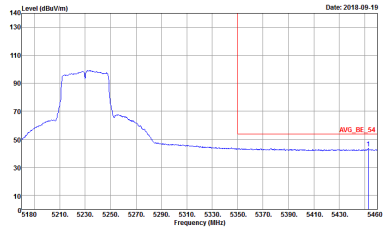
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 7 Setting : 15.5	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 7 Setting : 15.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 7 Setting : 15.5	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH38 5190MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 7 Setting : 15.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 7 Setting : 15.5	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 8 Setting : 16.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 8 Setting : 16.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 8 Setting : 16.5	Left blank

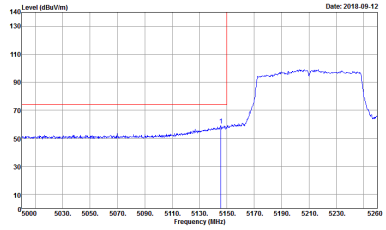
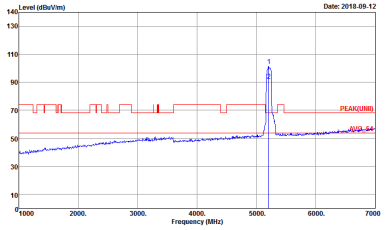
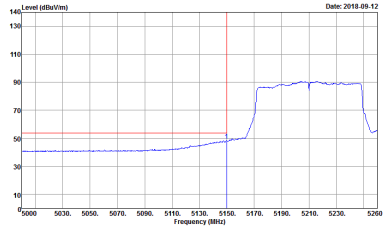
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 8 Setting : 16.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 8 Setting : 16.5	Left blank

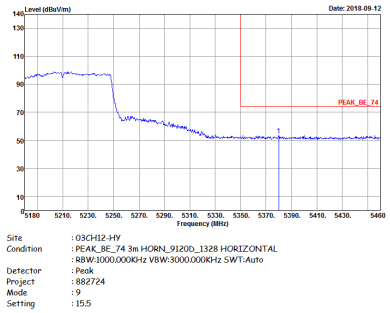
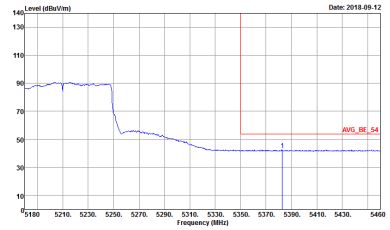
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 8 Setting : 16.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 8 Setting : 16.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 8 Setting : 16.5	Left blank

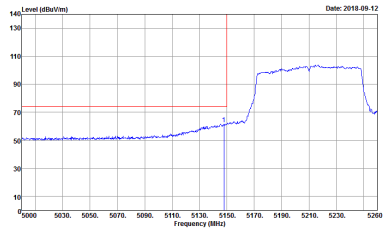
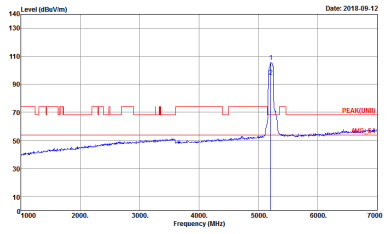
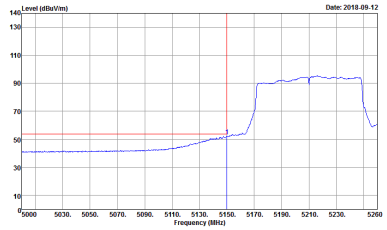
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11n HT40 CH46 5230MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 8 Setting : 16.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 8 Setting : 16.5	Left blank

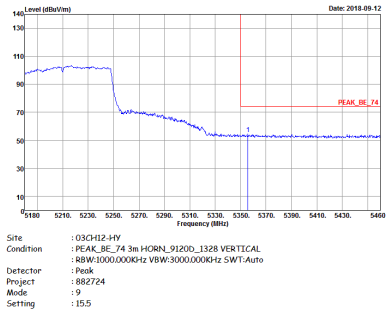
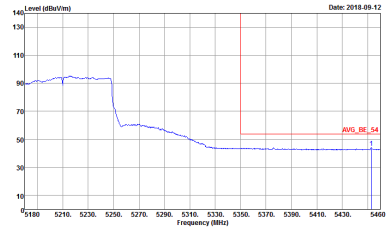
Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 9 Setting : 15.5	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 9 Setting : 15.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 9 Setting : 15.5	Left blank

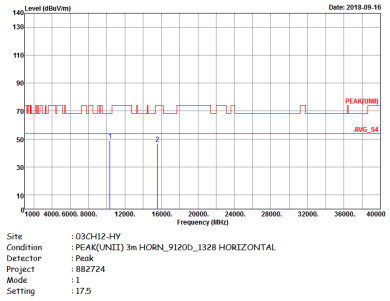
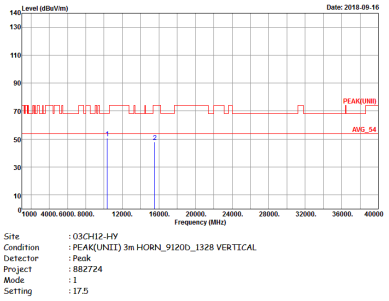
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 9 Setting : 15.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 9 Setting : 15.5	Left blank

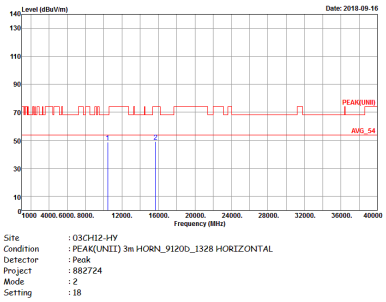
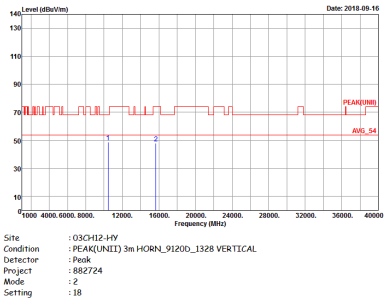
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 9 Setting : 15.5	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 9 Setting : 15.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 9 Setting : 15.5	Left blank

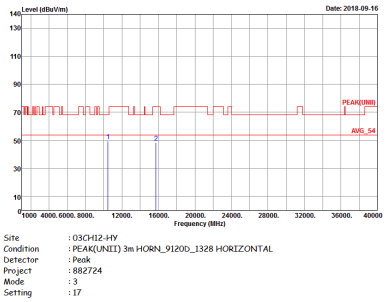
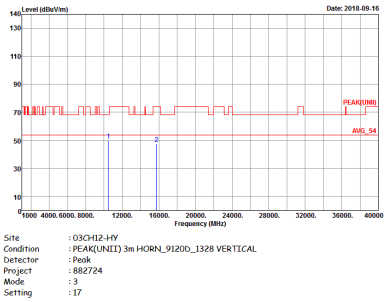
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 9 Setting : 15.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 9 Setting : 15.5	Left blank

Band 1 - 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

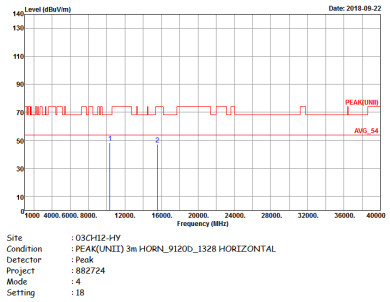
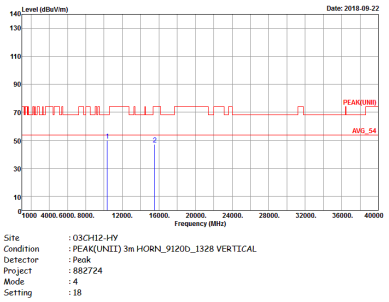
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

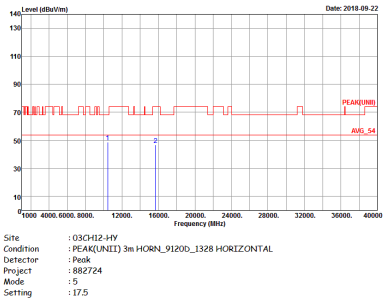
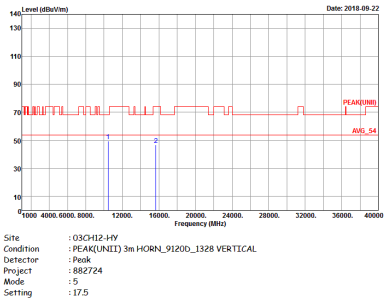
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.		

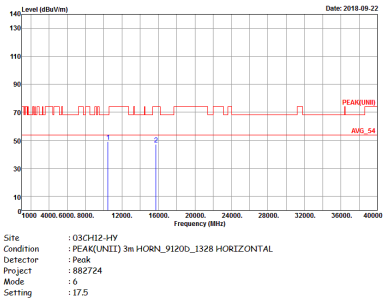
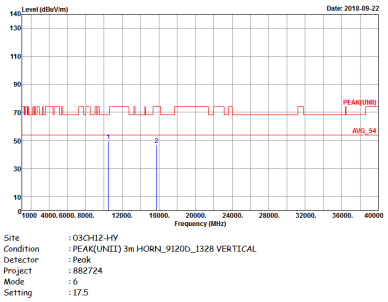
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

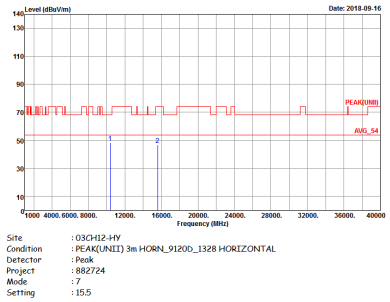
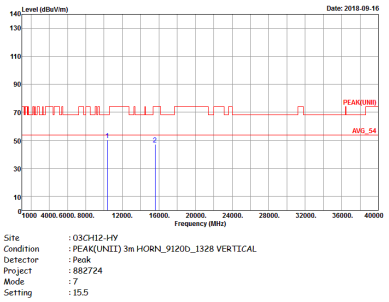
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH36 5180MHz	
1	Horizontal	Vertical
Peak Avg.		

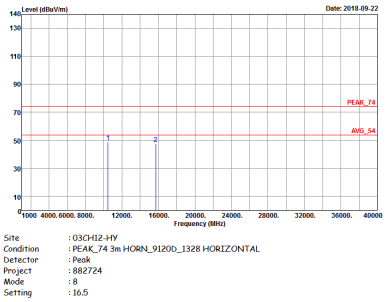
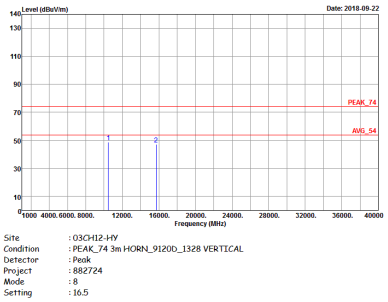
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH44 5220MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT20 CH48 5240MHz	
1	Horizontal	Vertical
Peak Avg.		

Band 1 5150~5250MHz

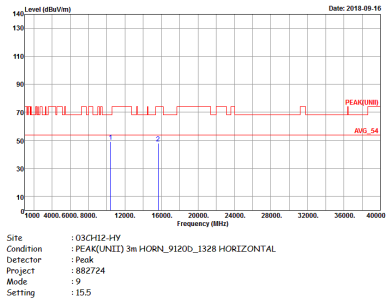
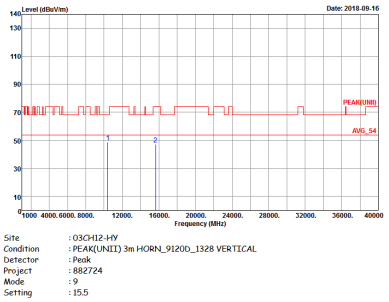
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH38 5190MHz	
1	Horizontal	Vertical
Peak Avg.		

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11n HT40 CH46 5230MHz	
1	Horizontal	Vertical
Peak Avg.		

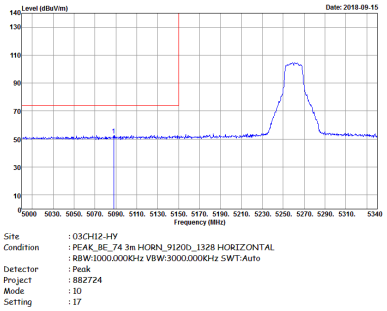
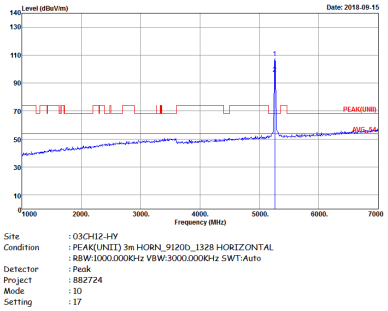
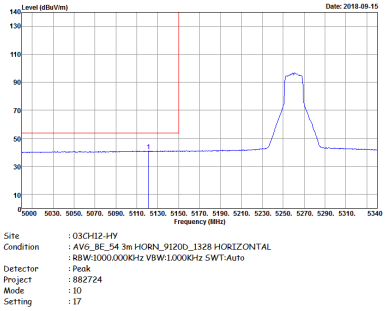
Band 1 5150~5250MHz

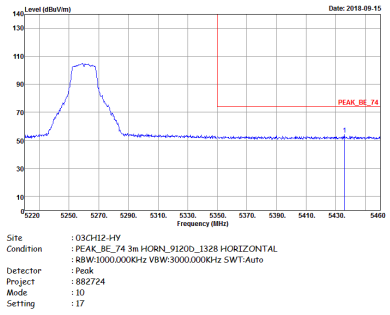
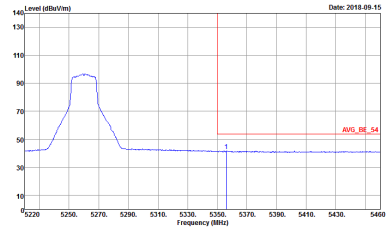
WIFI 802.11ac VHT80 (Harmonic @ 3m)

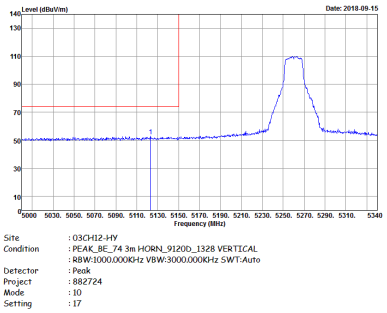
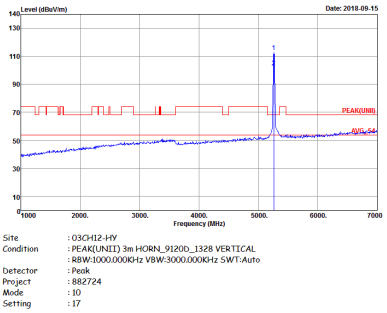
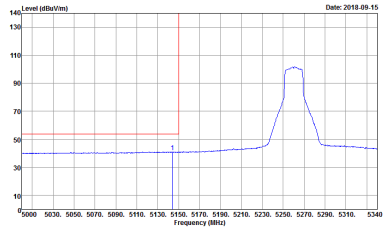
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1	Horizontal	Vertical
Peak Avg.		

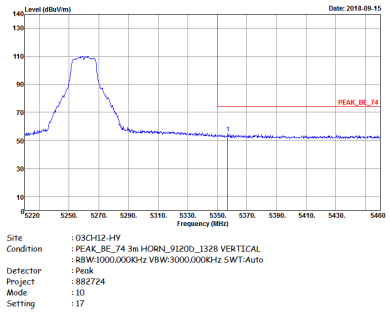
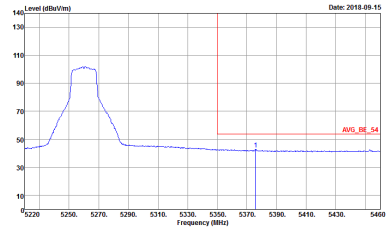
Band 2 - 5250~5350MHz

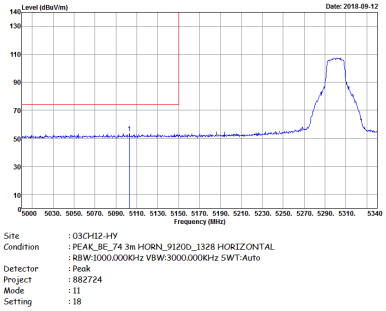
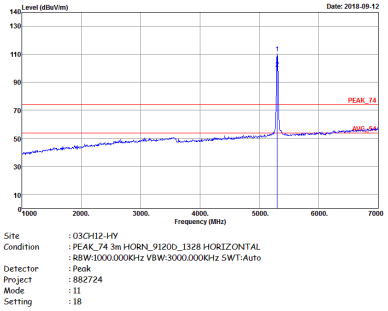
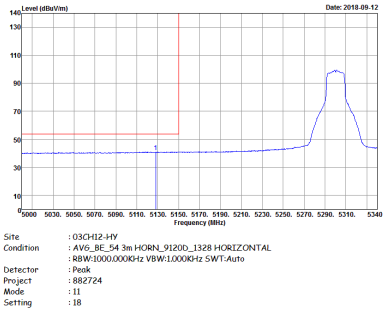
WIFI 802.11a (Band Edge @ 3m)

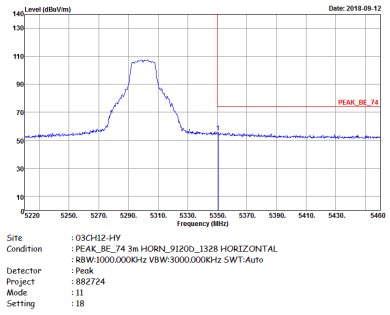
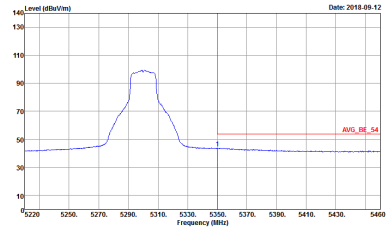
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

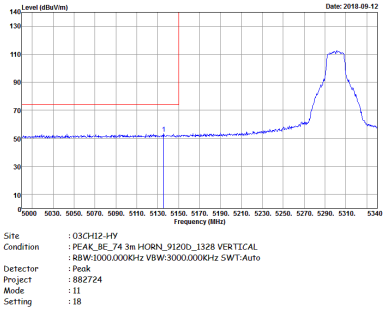
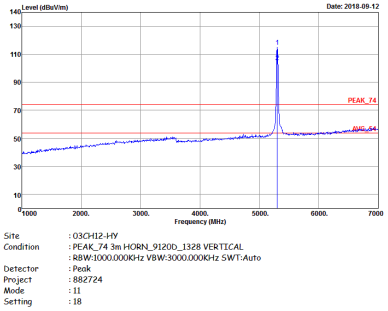
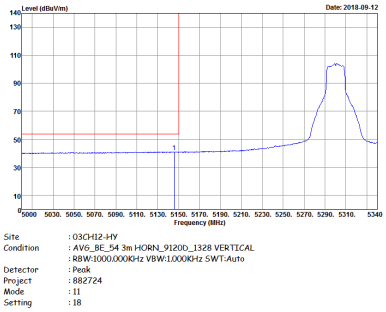
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 10 Setting : 17	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 10 Setting : 17	Left blank

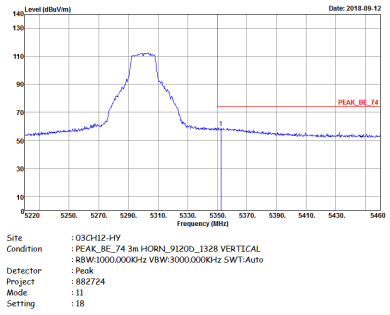
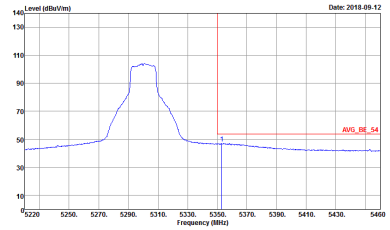
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 10 Setting : 17	 Site : 03CH12-HY Condition : PEAK(UNII) 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 10 Setting : 17
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 10 Setting : 17	Left blank

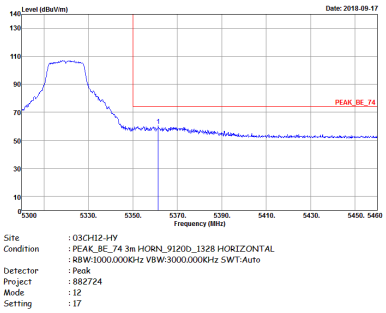
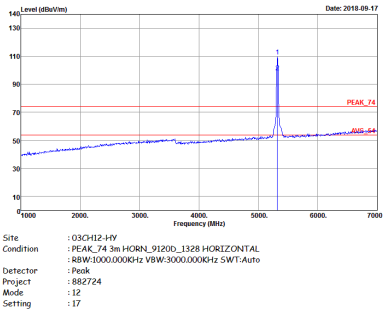
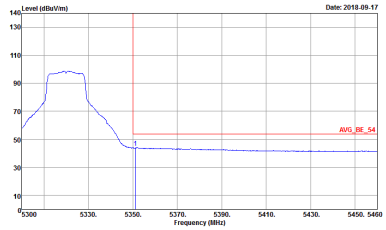
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 10 Setting : 17	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 10 Setting : 17	Left blank

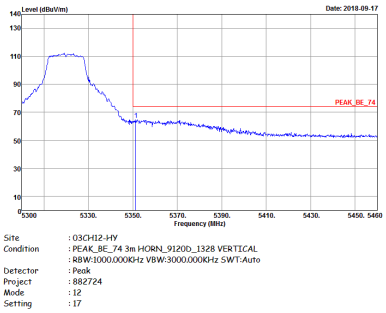
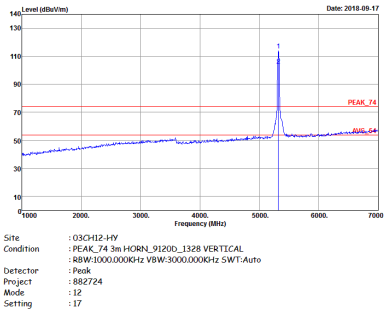
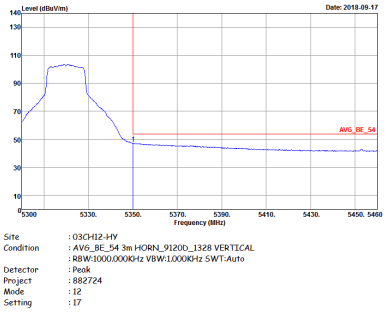
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 11 Setting : 18	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 11 Setting : 18	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

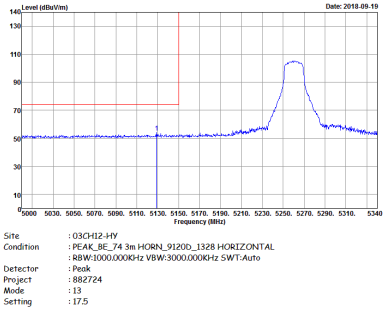
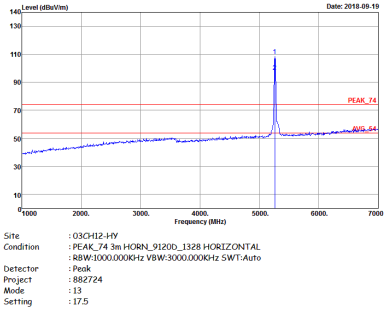
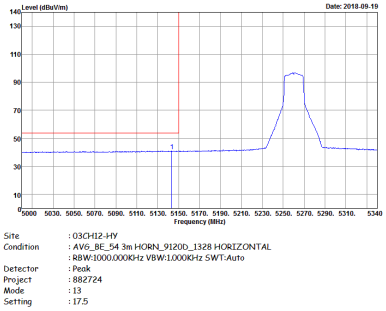
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 11 Setting : 18	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 11 Setting : 18	Left blank

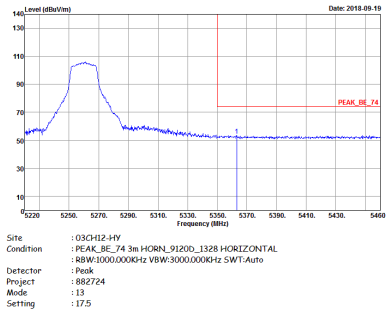
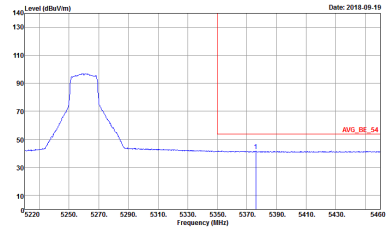
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 12 Setting : 17	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 12 Setting : 17
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 12 Setting : 17	Left blank

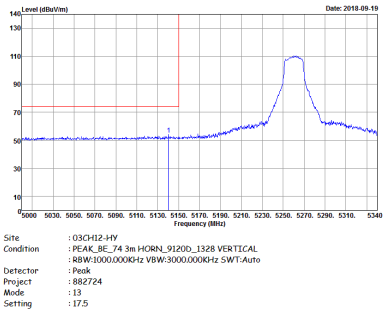
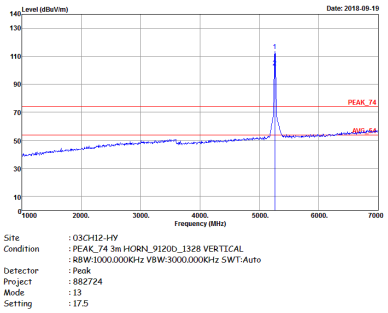
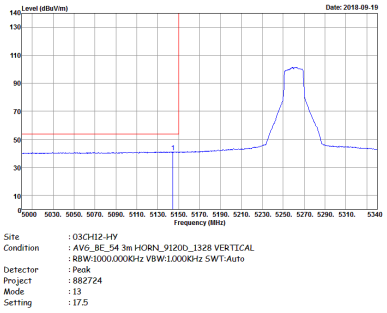
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1	Vertical	Fundamental
Peak		
Avg.		Left blank

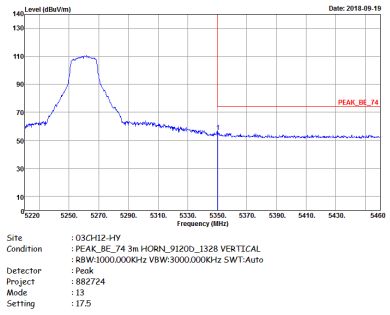
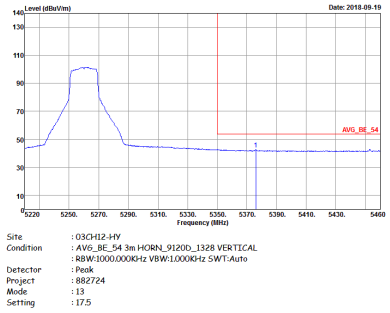
Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 13 Setting : 17.5	Left blank
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 13 Setting : 17.5	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - L	
1	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 13 Setting : 17.5	 Site : 03CH12-HY Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 13 Setting : 17.5
Avg.	 Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : 882724 Mode : 13 Setting : 17.5	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11n HT20 CH52 5260MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank