



FCC RADIO TEST REPORT

FCC ID : UZ7VC8300
Equipment : Vehicle Computer
Brand Name : Zebra
Model Name : VC8300
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 Nov. 08, 2018 and testing was started from Nov. 23, 2018 and completed on Mar. 26, 2019. We, SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory, 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: Jones Tsai

SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory

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



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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 1.01 dB at 5468.080 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 14.31 dB at 0.236 MHz
3.6	15.407(c)	Automatically Discontinue Transmission	Pass	-
3.7	15.203 15.407(a)	Antenna Requirement	Pass	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Wii Chang

Report Producer: Polly Tsai



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Vehicle Computer
Brand Name	Zebra
Model Name	VC8300
FCC ID	UZ7VC8300
Sample 1	EUT with SKU 1
Sample 2	EUT with SKU 2
Sample 3	EUT with SKU 3
Sample 4	EUT with SKU 4
Sample 5	EUT with SKU 5
Sample 6	EUT with SKU 6
Sample 7	EUT with SKU 7
EUT supports Radios application	WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80 Bluetooth BR/EDR/LE
HW Version	EVT1
SW Version	Zebra/VC8300/VC8310:8.1.0/01-14-12-00-ON-U00-PRD/266:eng/release-keys
FW Version	01-14-12.00-ON-U00-PRD
MFD	03Nov18
EUT Stage	Identical Prototype

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

Specification of Accessories				
AC Adapter	Brand Name	Zebra	Model Name	FSP150-AAAN2-Z
Battery	Brand Name	Zebra	Model Name	BT000254A01
Car Charger	Brand Name	Zebra	Model Name	CA1210
RJ50/USB cable	Brand Name	Zebra	Model Name	CBA-U01-S07ZAR
Scanner	Brand Name	Zebra	Model Name	DS3508
Scanner	Brand Name	Zebra	Model Name	LS3408
Audio Speaker	Brand Name	Zebra	Model Name	M1000
Ferrite Core	Brand Name	Zebra	Model Name	M1000
Keyboard (ikey)	Brand Name	Zebra	Model Name	SLK-101-M-USB-3F
Keyboard (remote keyboard)	Brand Name	Zebra	Model Name	KYBD-QWH-VC80
External Antenna (Monopole)	Brand Name	Zebra	Model Name	AN2010
External Antenna (Monopole)	Brand Name	Zebra	Model Name	AN2020
External Antenna (Dipole)	Brand Name	Zebra	Model Name	AN2030
Power Pre-regulator	Brand Name	PSION	Model Name	PS1370



<Sample Information>

Model Name	VC80x 8"			VC80x 10"			
	SKU1	SKU2	SKU3	SKU4	SKU5	SKU6	SKU7
SKU Name	Warehouse 1	Warehouse 2	Freezer SK HYNIX eMMC & MICRON DRAM	Warehouse	Outdoor	Warehouse	Freezer
OS	Android O	Android O	Android O	Android O	Android O	Android O	Android O
Display	Tianma	Tianma	Tianma	AUO	Mitsubishi	AUO	AUO
DTB board / Fixture	DTB 8" CTP (TCA8414)	DTB 8" CTP (TCA8414)	DTB 8" CTP (TCA8414)	DTB AUO CTP (TCA8414)	DTB MIT CTP (TCA8414)	DTB AUO RTP (TCA8414)	DTB AUO RTP (TCA8414)
TP Type (Gunze)	CTP 8"	CTP 8"	CTP 8" w/ Heater	CTP 10"	CTP 10"	RTP	RTP w/ Heater
KB printing	QWERTY	AZETY	QWERTY				
KB Board	NO	NO	NO	Yes	Yes	Yes	Yes
KB	Yes	Yes	Yes	NO	NO	NO	NO
MLB	SDA660	SDA660	SDA660	SDA660	SDA660	SDA660	SDA660
PWR Board	Yes	Yes	Yes	Yes	Yes	Yes	Yes
USB Board	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DB9 Board	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Battery Heater Board	Yes	Yes	Yes	Yes	Yes	Yes	Yes



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	<p><5180 MHz ~ 5240 MHz></p> <p><Chain 1> 802.11a : 21.04 dBm / 0.1271 W 802.11n HT20 : 21.45 dBm / 0.1396 W 802.11n HT40 : 20.70 dBm / 0.1175 W 802.11ac VHT20: 21.45 dBm / 0.1396 W 802.11ac VHT40: 20.63 dBm / 0.1156 W 802.11ac VHT80: 16.44 dBm / 0.0441 W</p> <p><Chain 2> 802.11a : 21.06 dBm / 0.1276 W 802.11n HT20 : 21.19 dBm / 0.1315 W 802.11n HT40 : 19.67 dBm / 0.0927 W 802.11ac VHT20: 21.17 dBm / 0.1309 W 802.11ac VHT40: 19.63 dBm / 0.0918 W 802.11ac VHT80: 15.20 dBm / 0.0331 W</p> <p>MIMO <Chain 1+2> 802.11a : 19.33 dBm / 0.0857 W 802.11n HT20 : 19.72 dBm / 0.0938 W 802.11n HT40 : 22.46 dBm / 0.1762 W 802.11ac VHT20: 19.63 dBm / 0.0918 W 802.11ac VHT40: 22.40 dBm / 0.1738 W 802.11ac VHT80: 16.99 dBm / 0.0500 W</p>
	<p><5260 MHz ~ 5320 MHz></p> <p><Chain 1> 802.11a : 21.29 dBm / 0.1346 W 802.11n HT20 : 21.65 dBm / 0.1462 W 802.11n HT40 : 21.91 dBm / 0.1552 W 802.11ac VHT20: 21.62 dBm / 0.1452 W 802.11ac VHT40: 21.85 dBm / 0.1531 W 802.11ac VHT80: 15.57 dBm / 0.361 W</p> <p><Chain 2> 802.11a : 21.05 dBm / 0.1274 W 802.11n HT20 : 21.53 dBm / 0.1422 W 802.11n HT40 : 16.73 dBm / 0.0471 W 802.11ac VHT20: 21.00 dBm / 0.1259 W 802.11ac VHT40: 16.69 dBm / 0.0467 W 802.11ac VHT80: 13.47 dBm / 0.0222 W</p> <p>MIMO <Chain 1+2> 802.11a : 19.41 dBm / 0.0873 W 802.11n HT20 : 21.00 dBm / 0.1259 W 802.11n HT40 : 21.95 dBm / 0.1567 W 802.11ac VHT20: 20.97 dBm / 0.1250 W 802.11ac VHT40: 21.83 dBm / 0.1524 W 802.11ac VHT80: 12.99 dBm / 0.0199 W</p>



Standards-related Product Specification										
Maximum Output Power to Antenna	<p><5500 MHz ~ 5720 MHz></p> <p><Chain 1> 802.11a : 20.77 dBm / 0.1194 W 802.11n HT20 : 21.07 dBm / 0.1279 W 802.11n HT40 : 21.98 dBm / 0.1578 W 802.11ac VHT20: 20.65 dBm / 0.1161 W 802.11ac VHT40: 21.89 dBm / 0.1545 W 802.11ac VHT80: 21.71 dBm / 0.1483 W</p> <p><Chain 2> 802.11a : 20.97 dBm / 0.1250 W 802.11n HT20 : 21.31 dBm / 0.1352 W 802.11n HT40 : 22.59 dBm / 0.1816 W 802.11ac VHT20: 20.90 dBm / 0.1230 W 802.11ac VHT40: 22.56 dBm / 0.1803 W 802.11ac VHT80: 21.48 dBm / 0.1406 W</p> <p>MIMO <Chain 1+2> 802.11a : 20.08 dBm / 0.1019 W 802.11n HT20 : 20.66 dBm / 0.1164 W 802.11n HT40 : 22.19 dBm / 0.1656 W 802.11ac VHT20: 20.61 dBm / 0.1151 W 802.11ac VHT40: 22.09 dBm / 0.1618 W 802.11ac VHT80: 23.26 dBm / 0.2118 W</p>									
99% Occupied Bandwidth	<p><Chain 1> 802.11a : 17.30 MHz 802.11n HT20 : 18.40 MHz 802.11n HT40 : 37.00 MHz 802.11ac VHT80 : 77.16 MHz</p> <p><Chain 2> 802.11a : 17.65 MHz 802.11n HT20 : 19.95 MHz 802.11n HT40 : 37.10 MHz 802.11ac VHT80 : 77.28 MHz</p> <p>MIMO <Chain 1> 802.11a : 16.80 MHz 802.11n HT20 : 18.00 MHz 802.11n HT40 : 36.80 MHz 802.11ac VHT80 : 77.04 MHz</p> <p>MIMO <Chain 2> 802.11a : 16.80 MHz 802.11n HT20 : 18.00 MHz 802.11n HT40 : 37.00 MHz 802.11ac VHT80 : 77.40 MHz</p>									
Type of Modulation	802.11a/n : OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)									
Antenna Function Description	<table border="1"> <thead> <tr> <th></th> <th>Chain 1</th> <th>Chain 2</th> </tr> </thead> <tbody> <tr> <td>802.11 a/n/ac</td> <td>V</td> <td>V</td> </tr> <tr> <td>802.11 a/n/ac MIMO</td> <td>V</td> <td>V</td> </tr> </tbody> </table>		Chain 1	Chain 2	802.11 a/n/ac	V	V	802.11 a/n/ac MIMO	V	V
	Chain 1	Chain 2								
802.11 a/n/ac	V	V								
802.11 a/n/ac MIMO	V	V								

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

Antenna No.	Chain No.	Model	Antenna Type	Antenna Gain (dBi) Exclude Cable loss	Internal Cable loss (dB)	External Cable loss (dB)	Antenna Gain (dBi) Include Cable loss	Frequency (GHz)
1	Int. Chain 0	AN-000242-01	Patch	3.30	N/A	N/A	3.30	2.4~2.4835
				4.53	N/A	N/A	4.53	5.15~5.85
	Int. Chain 1			4.00	N/A	N/A	4.00	2.4~2.4835
				4.79	N/A	N/A	4.79	5.15~5.85
2	Ext. Chain 0	AN2010	Monopole	2	0.6	1.8	-0.4	2.4~2.4835
				2	0.9	2.6	-1.5	5.15~5.85
	Ext. Chain 1			2	0.6	1.8	-0.4	2.4~2.4835
				2	0.9	2.6	-1.5	5.15~5.85
3	Ext. Chain 0	AN2020	Monopole	5	0.6	1.8	2.6	2.4~2.4835
	Ext. Chain 1			5	0.6	1.8	2.6	2.4~2.4835
4	Ext. Chain 0	AN2030	Dipole	2	0.6	N/A	1.4	2.4~2.4835
				3.7	0.9	N/A	2.8	5.15~5.85
	Ext. Chain 1			2	0.6	N/A	1.4	2.4~2.4835
				3.7	0.9	N/A	2.8	5.15~5.85

1.3 Modification of EUT

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



1.4 Testing Location

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.

FCC Designation No. TW1190 and TW0007

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 for Ant. 1, Y plane for Ant. 3, and Horizontal for Ant. 4) 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

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + Audio Speaker (M1000) + Keyboard (ikey) + Scanner (LS3408) + RS-232 (Cable Load)* 2 + Int. Antenna + Ext. Antenna (AN2020) + Adapter + MPEG4 for Sample 4
Remark:	For Radiated Test Cases, the tests were performed with Sample 3 and each antenna (Ant. 1, Ant. 2, Ant. 4).



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



<Chain 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 (%)		95.12		93.84	91.15	88.96	85.83	77.78	75.71	75.38
CH 036	5180	20.68	CH 044	20.79	20.81	20.96	21.03	20.79	20.66	20.53
CH 044	5220	21.04								
CH 048	5240	21.00								
CH 052	5260	21.28	CH 060	21.03	21.15	21.21	21.26	20.99	20.91	20.83
CH 060	5300	21.29								
CH 064	5320	21.22								
CH 100	5500	18.69	CH 144	20.71	20.32	20.65	20.68	20.70	20.62	20.47
CH 116	5580	20.65								
CH 140	5700	13.60								
CH 144	5720	20.77								

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 (%)		92.58		92.53	89.10	86.03	81.13	76.74	73.50	71.80
CH 036	5180	20.60	CH 048	21.27	21.15	21.18	21.03	21.10	21.18	21.17
CH 044	5220	21.39								
CH 048	5240	21.45								
CH 052	5260	21.25	CH 064	20.74	21.20	21.25	20.66	20.75	20.84	20.89
CH 060	5300	21.26								
CH 064	5320	21.65								
CH 100	5500	18.14	CH 116	20.46	20.60	20.55	20.31	20.30	20.44	20.44
CH 116	5580	20.65								
CH 140	5700	16.20								
CH 144	5720	19.09								

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 (%)		88.08		81.74	80.87	75.67	69.17	64.16	61.68	58.82
CH 038	5190	17.46	CH 046	20.68	20.47	20.61	20.25	20.28	20.35	20.50
CH 046	5230	20.70								
CH 054	5270	21.91	CH 054	21.90	21.77	21.89	21.47	21.58	21.55	21.70
CH 062	5310	17.43								
CH 102	5510	18.00	CH 110	21.61	21.92	21.97	21.54	21.63	21.63	21.76
CH 110	5550	21.98								
CH 134	5670	20.29								
CH 142	5710	20.97								

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 (%)		93.14		91.59	88.60	86.40	80.56	77.40	75.46	74.51	71.53
CH 036	5180	20.53	CH 048	21.23	21.13	21.13	21.02	21.03	21.05	21.03	21.06
CH 044	5220	21.06									
CH 048	5240	21.45									
CH 052	5260	21.25	CH 064	20.67	21.16	21.21	20.64	20.70	20.72	20.81	21.08
CH 060	5300	21.17									
CH 064	5320	21.62									
CH 100	5500	18.05	CH 116	20.43	20.58	20.21	20.30	20.26	20.30	20.33	20.40
CH 116	5580	20.65									
CH 140	5700	16.15									
CH 144	5720	19.05									

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 (%)		89.02		85.21	80.86	77.06	71.11	65.22	63.89	62.26	58.76	57.61	
CH 038	5190	16.63	CH 046	20.60	20.45	20.55	20.23	20.26	20.33	20.36	20.37	20.32	
CH 046	5230	20.63											
CH 054	5270	21.85	CH 054	21.80	21.72	21.83	21.40	21.51	21.45	21.56	21.53	21.56	
CH 062	5310	17.35											
CH 102	5510	17.92	CH 110										
CH 110	5550	21.89		21.50	21.84	21.87	21.54	21.57	21.55	21.68	21.69	21.62	
CH 134	5670	20.20											
CH 142	5710	20.88											

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 (%)		85.29		73.49	68.75	64.29	57.45	54.76	51.22	52.50	43.90	45.95
CH 042	5210	16.44	CH 042	15.99	15.96	15.94	15.99	15.84	15.97	15.76	16.23	16.04
CH 058	5290	15.57	CH 058	15.54	15.55	15.51	15.12	15.50	15.19	15.52	15.56	15.25
CH 106	5530	17.31	CH 138									
CH 122	5610	21.32		21.54	21.54	21.54	21.49	21.30	21.55	21.33	21.33	21.53
CH 138	5690	21.71										

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



<Chain 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 (%)		95.32		94.44	91.48	89.68	84.43	78.02	75.71	75.38
CH 036	5180	19.18	CH 048	20.75	20.79	21.02	21.05	20.68	20.56	20.48
CH 044	5220	20.84								
CH 048	5240	21.06								
CH 052	5260	21.05	CH 052	20.75	20.89	20.97	21.04	20.58	20.51	20.43
CH 060	5300	18.05								
CH 064	5320	20.83								
CH 100	5500	20.72	CH 144	20.78	20.82	20.92	20.74	20.58	20.52	20.47
CH 116	5580	20.85								
CH 140	5700	19.32								
CH 144	5720	20.97								

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 (%)		93.59		91.44	87.82	86.06	79.53	76.74	74.53	71.80
CH 036	5180	19.02	CH 044	21.17	21.15	21.14	21.01	21.01	21.01	21.10
CH 044	5220	21.19								
CH 048	5240	21.09								
CH 052	5260	21.53	CH 052	21.10	21.40	21.38	21.21	21.15	21.25	21.36
CH 060	5300	17.94								
CH 064	5320	20.74								
CH 100	5500	19.62	CH 144	20.99	21.28	21.24	21.09	21.10	21.09	21.15
CH 116	5580	20.89								
CH 140	5700	18.62								
CH 144	5720	21.31								

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 (%)		88.89		85.31	80.24	75.58	65.44	65.92	63.26	60.39
CH 038	5190	15.29	CH 046	19.59	19.66	19.63	19.64	19.31	19.39	19.54
CH 046	5230	19.67								
CH 054	5270	16.73	CH 054	16.40	16.48	16.56	16.46	16.53	16.61	16.66
CH 062	5310	16.04								
CH 102	5510	16.28	CH 142	22.57	22.56	22.58	22.46	22.10	22.15	22.29
CH 110	5550	22.13								
CH 134	5670	17.62								
CH 142	5710	22.59								

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 (%)		93.62		92.05	89.42	86.73	81.40	77.40	75.46	74.34	71.53
CH 036	5180	18.92	CH 044	21.16	21.11	21.07	20.97	20.95	20.95	20.93	21.05
CH 044	5220	21.17									
CH 048	5240	21.06									
CH 052	5260	21.00	CH 052	20.99	20.94	20.97	20.98	20.92	20.97	20.97	20.81
CH 060	5300	17.82									
CH 064	5320	20.60									
CH 100	5500	19.56	CH 144	20.89	20.89	20.83	20.88	20.86	20.83	20.82	20.83
CH 116	5580	20.88									
CH 140	5700	18.59									
CH 144	5720	20.90									

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 (%)		89.02		86.52	81.34	77.19	71.64	66.67	64.22	62.86	60.42	57.61
CH 038	5190	15.57	CH 046	19.58	15.60	19.62	19.59	19.29	19.34	19.52	19.59	19.62
CH 046	5230	19.63										
CH 054	5270	16.69	CH 054	16.31	16.37	16.51	16.05	16.44	16.54	16.52	16.29	16.44
CH 062	5310	15.96										
CH 102	5510	16.24	CH 142									
CH 110	5550	22.10										
CH 134	5670	17.59										
CH 142	5710	22.56										

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 (%)		85.93		74.39	68.75	63.64	57.45	53.49	52.38	50.00	48.05	45.95
CH 042	5210	15.20	CH 042	14.93	14.94	14.96	15.03	14.97	14.93	15.12	15.02	15.13
CH 058	5290	13.47	CH 058	13.34	13.35	13.38	13.33	13.18	13.12	13.28	13.28	13.39
CH 106	5530	16.76	CH 138									
CH 122	5610	20.74										
CH 138	5690	21.48										

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



MIMO <Chain 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
Duty Cycle (%)										
CH 036	5180	19.33	CH 036	19.01	19.07	19.21	19.05	19.18	19.24	19.07
CH 044	5220	19.25								
CH 048	5240	19.26								
CH 052	5260	19.30	CH 060	19.39	19.36	19.21	19.15	19.37	19.31	19.14
CH 060	5300	19.41								
CH 064	5320	19.22								
CH 100	5500	19.09	CH 116	19.77	19.87	20.07	20.05	20.06	19.81	19.77
CH 116	5580	20.08								
CH 140	5700	19.77								
CH 144	5720	18.88								

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 (%)										
CH 036	5180	19.71	CH 044	19.63	19.69	19.65	19.71	19.69	19.71	19.48
CH 044	5220	19.72								
CH 048	5240	19.70								
CH 052	5260	19.76	CH 064	20.74	20.89	20.86	20.92	20.96	20.94	20.97
CH 060	5300	19.80								
CH 064	5320	21.00								
CH 100	5500	18.94	CH 116	20.46	20.60	20.54	20.65	20.63	20.60	20.64
CH 116	5580	20.66								
CH 140	5700	16.15								
CH 144	5720	19.33								

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 (%)										
CH 038	5190	19.28	CH 046	22.30	22.26	22.34	22.10	22.19	22.06	22.01
CH 046	5230	22.46								
CH 054	5270	21.95	CH 054	21.81	21.77	21.82	21.54	21.69	21.61	21.57
CH 062	5310	18.30								
CH 102	5510	20.08	CH 110	22.08	22.06	22.08	21.80	21.91	21.85	21.84
CH 110	5550	22.19								
CH 134	5670	20.42								
CH 142	5710	22.12								

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 (%)											
CH 036	5180	19.63	CH 036	19.30	19.37	19.49	19.44	19.38	19.36	19.48	19.38
CH 044	5220	19.53									
CH 048	5240	19.51									
CH 052	5260	19.71	CH 064	20.68	20.82	20.82	20.86	20.77	20.80	20.80	20.85
CH 060	5300	19.72									
CH 064	5320	20.97									
CH 100	5500	18.83	CH 116	20.41	20.55	20.51	20.61	20.46	20.50	20.45	20.53
CH 116	5580	20.61									
CH 140	5700	16.11									
CH 144	5720	19.11									

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 (%)												
CH 038	5190	19.13	CH 046	22.28	22.24	22.32	21.95	22.13	22.04	22.00	22.08	22.09
CH 046	5230	22.40										
CH 054	5270	21.83	CH 054	21.80	21.74	21.79	21.51	21.65	21.60	21.56	21.67	21.67
CH 062	5310	18.17										
CH 102	5510	20.05	CH 110	22.05	22.04	22.04	21.70	21.78	21.68	21.81	21.95	21.89
CH 110	5550	22.09										
CH 134	5670	20.36										
CH 142	5710	21.99										

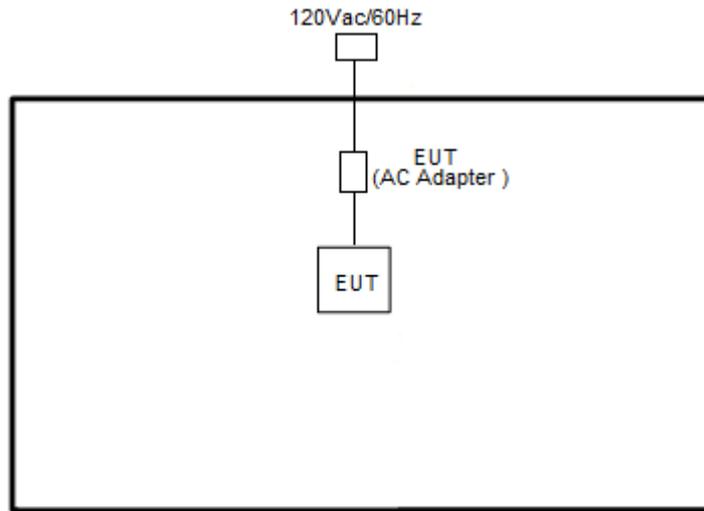
Note: The above Frequency and Channel in "*" were straddle Channel.

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 (%)												
CH 042	5210	16.99	CH 042	16.89	16.91	16.95	16.90	16.91	16.98	16.93	16.96	16.84
CH 058	5290	12.99	CH 058	12.74	12.94	12.84	12.78	12.81	12.82	12.96	12.83	12.80
CH 106	5530	19.76	CH 138	23.22	22.90	22.89	23.13	23.18	23.24	23.24	23.25	23.25
CH 122	5610	22.46										
CH 138	5690	23.26										

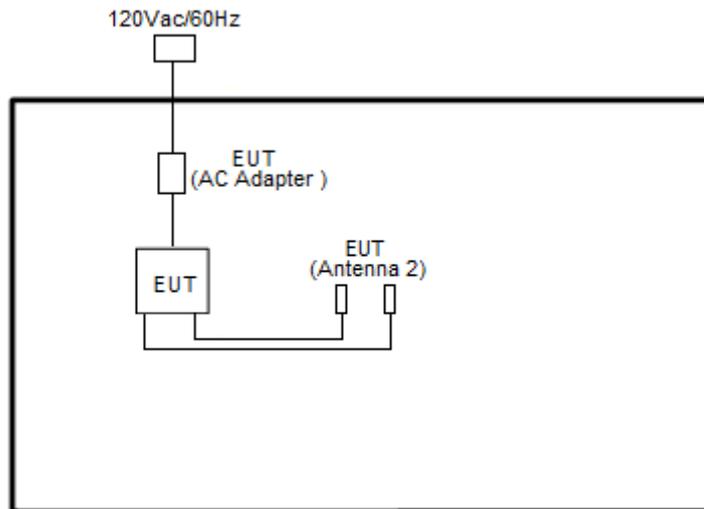
Note: The above Frequency and Channel in "*" were straddle Channel.

2.3 Connection Diagram of Test System

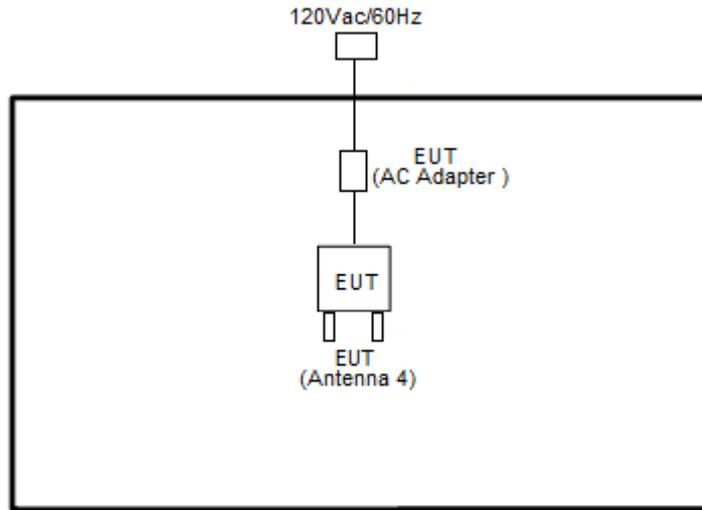
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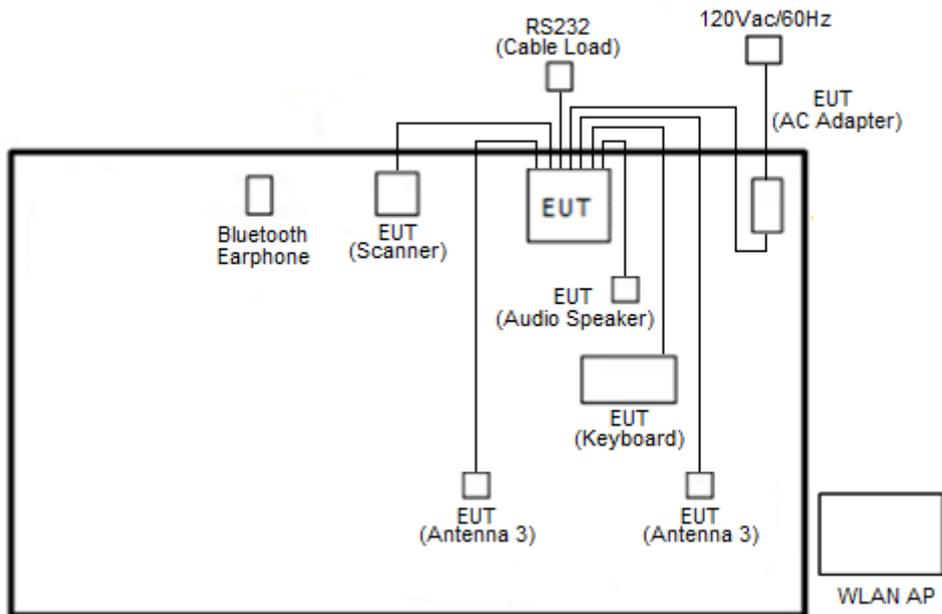
<EUT with Antenna 2>



<EUT with Antenna 4>



<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.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m
2.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
3.	Notebook	DELL	Latitude E6320	FCC DoC/ Contains FCC ID: QDS-BRCM1054	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

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.

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.

$$\begin{aligned} \text{Offset(dB)} &= \text{RF cable loss(dB)} + \text{attenuator factor(dB)}. \\ &= 4.2 + 10 = 14.2 \text{ (dB)} \end{aligned}$$

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.

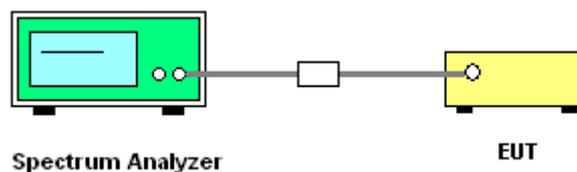
3.1.2 Measuring Instruments

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) $\geq 3 * RBW$.
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

Test Engineer :	Shiming Liu and Richard Qiu	Temperature :	21~25°C
		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	17.25	16.85	28.35	26.55	-	-	22.37	22.27
11a	6Mbps	1	44	5220	17.15	17.20	28.00	29.00	-	-	22.34	22.36
11a	6Mbps	1	48	5240	17.00	17.55	27.85	30.45	-	-	22.30	22.44
HT20	MCS0	1	36	5180	18.20	18.00	28.55	26.75	-	-	22.60	22.55
HT20	MCS0	1	44	5220	18.20	18.55	28.80	31.75	-	-	22.60	22.68
HT20	MCS0	1	48	5240	18.35	18.60	30.95	31.10	-	-	22.64	22.70
HT40	MCS0	1	38	5190	36.50	36.50	42.30	42.49	-	-	23.01	23.01
HT40	MCS0	1	46	5230	36.70	36.60	42.36	42.15	-	-	23.01	23.01
VHT80	MCS0	1	42	5210	76.80	76.80	83.04	83.04	-	-	23.01	23.01
11a	6Mbps	2	36	5180	16.70	16.65	24.70	24.60	-	-	22.21	
11a	6Mbps	2	44	5220	16.75	16.80	24.00	25.30	-	-	22.24	
11a	6Mbps	2	48	5240	16.70	16.80	24.40	25.30	-	-	22.23	
HT20	MCS0	2	36	5180	17.90	17.90	25.40	25.50	-	-	22.53	
HT20	MCS0	2	44	5220	17.90	17.80	25.80	25.10	-	-	22.50	
HT20	MCS0	2	48	5240	17.95	17.80	26.00	25.10	-	-	22.50	
HT40	MCS0	2	38	5190	36.70	36.80	42.12	42.66	-	-	23.01	
HT40	MCS0	2	46	5230	36.60	36.60	41.58	42.48	-	-	23.01	
VHT80	MCS0	2	42	5210	76.92	76.92	101.94	177.22	-	-	23.01	



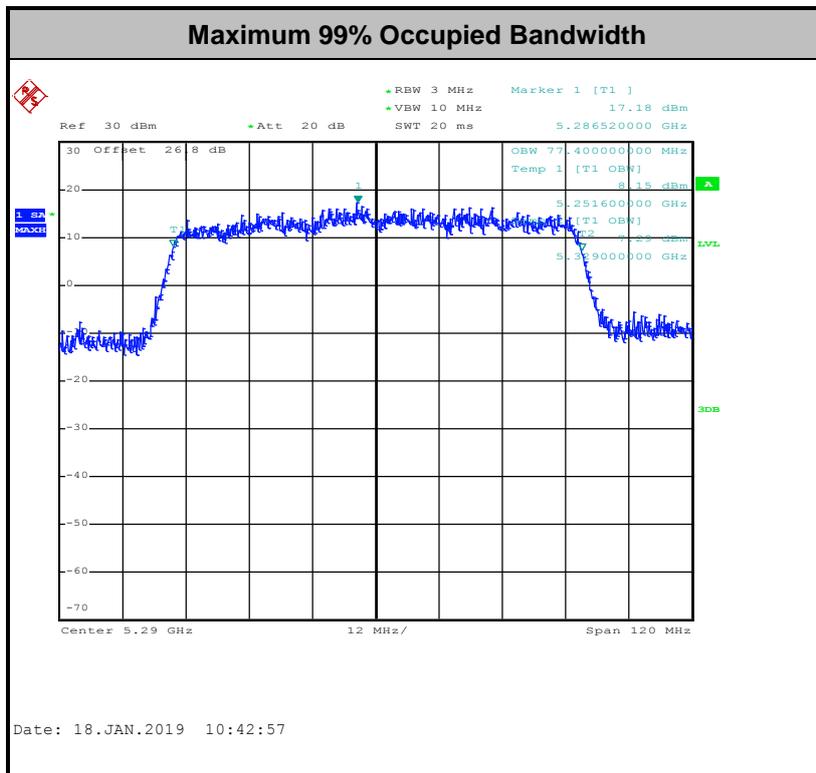
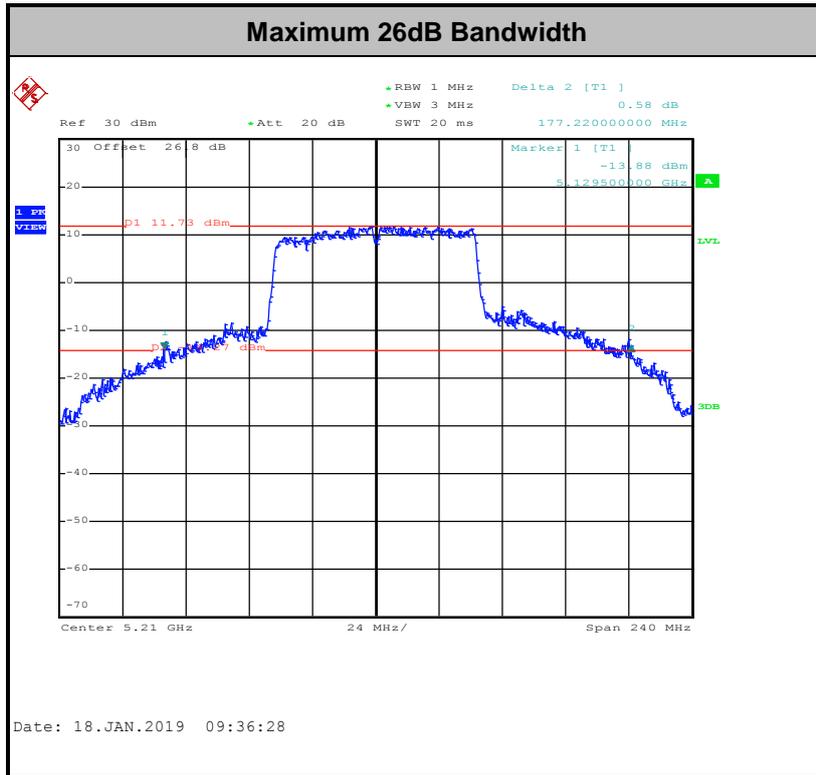
Band II														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26 dB Bandwidth (MHz)		IC 99% Bandwidth Power Limit (dBm)		IC 99% Bandwidth EIRP Limit (dBm)		FCC 26dB Bandwidth Power Limit (dBm)	
					Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
11a	6Mbps	1	52	5260	17.15	17.65	28.65	32.15	23.34	23.47	29.34	29.47	23.98	23.98
11a	6Mbps	1	60	5300	17.30	16.85	28.30	25.95	23.38	23.27	29.38	29.27	23.98	23.98
11a	6Mbps	1	64	5320	17.05	17.65	29.02	30.20	23.32	23.47	29.32	29.47	23.98	23.98
HT20	MCS0	1	52	5260	18.25	19.95	28.60	35.85	23.61	23.98	29.61	30.00	23.98	23.98
HT20	MCS0	1	60	5300	18.25	17.95	29.70	26.85	23.61	23.54	29.61	29.54	23.98	23.98
HT20	MCS0	1	64	5320	18.40	18.35	30.50	31.05	23.65	23.64	29.65	29.64	23.98	23.98
HT40	MCS0	1	54	5270	37.00	36.60	62.55	42.33	23.98	23.98	30.00	30.00	23.98	23.98
HT40	MCS0	1	62	5310	36.60	36.60	42.17	42.30	23.98	23.98	30.00	30.00	23.98	23.98
VHT80	MCS0	1	58	5290	76.80	76.92	84.00	83.48	23.98	23.98	30.00	30.00	23.98	23.98
11a	6Mbps	2	52	5260	16.80	16.75	24.60	25.25	23.24		29.24		23.98	
11a	6Mbps	2	60	5300	16.70	16.75	24.70	25.40	23.23		29.23		23.98	
11a	6Mbps	2	64	5320	16.75	16.80	24.50	26.20	23.24		29.24		23.98	
HT20	MCS0	2	52	5260	17.90	18.00	25.70	25.40	23.53		29.53		23.98	
HT20	MCS0	2	60	5300	17.90	17.80	25.85	25.20	23.50		29.50		23.98	
HT20	MCS0	2	64	5320	17.85	17.90	25.30	25.90	23.52		29.52		23.98	
HT40	MCS0	2	54	5270	36.70	37.00	41.94	49.68	23.98		30.00		23.98	
HT40	MCS0	2	62	5310	36.80	37.00	42.12	55.31	23.98		30.00		23.98	
VHT80	MCS0	2	58	5290	77.04	77.40	96.48	141.12	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	26.00	27.15	23.27	23.29	29.27	29.29	23.98	23.98	----	----
11a	6Mbps	1	116	5580	16.95	17.05	27.65	27.70	23.29	23.32	29.29	29.32	23.98	23.98	----	----
11a	6Mbps	1	140	5700	16.75	17.45	24.45	32.00	23.24	23.42	29.24	29.42	23.98	23.98	----	----
11a	6Mbps	1	144	5720	13.60	13.45	19.00	19.25	22.34	22.29	28.34	28.29	23.79	23.84	3.15	3.15
HT20	MCS0	1	100	5500	17.95	18.00	25.45	27.35	23.54	23.55	29.54	29.55	23.98	23.98	----	----
HT20	MCS0	1	116	5580	18.10	18.20	27.75	27.50	23.58	23.60	29.58	29.60	23.98	23.98	----	----
HT20	MCS0	1	140	5700	17.85	18.00	25.80	26.55	23.52	23.55	29.52	29.55	23.98	23.98	----	----
HT20	MCS0	1	144	5720	13.95	14.45	18.60	20.55	22.45	22.60	28.45	28.60	23.70	23.98	3.35	3.5
HT40	MCS0	1	102	5510	36.60	36.50	41.94	42.30	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	110	5550	37.00	37.10	61.64	64.23	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	134	5670	36.70	36.60	42.35	42.00	23.98	23.98	30.00	30.00	23.98	23.98	----	----
HT40	MCS0	1	142	5710	33.40	34.70	39.03	58.35	23.98	23.98	30.00	30.00	23.98	23.98	2.82	2.91
VHT80	MCS0	1	106	5530	77.04	76.80	83.68	84.00	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	122	5610	77.16	77.28	117.74	89.52	23.98	23.98	30.00	30.00	23.98	23.98	----	----
VHT80	MCS0	1	138	5690	73.76	73.76	106.20	89.40	23.98	23.98	30.00	30.00	23.98	23.98	2.6	2.6



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	2	100	5500	16.75	16.80	24.50	25.20	23.24		29.24		23.98		----	----
11a	6Mbps	2	116	5580	16.70	16.75	24.50	25.30	23.23		29.23		23.98		----	----
11a	6Mbps	2	140	5700	16.70	16.75	24.80	25.60	23.23		29.23		23.98		----	----
11a	6Mbps	2	144	5720	13.40	13.35	16.85	17.25	22.25		28.25		23.27		2.85	2.55
HT20	MCS0	2	100	5500	17.90	17.85	25.35	25.45	23.52		29.52		23.98		----	----
HT20	MCS0	2	116	5580	17.90	17.80	25.45	25.80	23.50		29.50		23.98		----	----
HT20	MCS0	2	140	5700	18.00	17.85	26.55	25.00	23.52		29.52		23.98		----	----
HT20	MCS0	2	144	5720	13.95	13.95	17.30	18.00	22.45		28.45		23.38		2.55	3.5
HT40	MCS0	2	102	5510	36.70	36.70	42.12	48.96	23.98		30.00		23.98		----	----
HT40	MCS0	2	110	5550	36.70	36.80	41.76	42.12	23.98		30.00		23.98		----	----
HT40	MCS0	2	134	5670	36.80	36.70	42.30	41.94	23.98		30.00		23.98		----	----
HT40	MCS0	2	142	5710	33.50	33.50	41.37	42.63	23.98		30.00		23.98		2.46	2.46
VHT80	MCS0	2	106	5530	76.92	77.16	97.92	101.02	23.98		30.00		23.98		----	----
VHT80	MCS0	2	122	5610	77.04	77.28	100.32	118.24	23.98		30.00		23.98		----	----
VHT80	MCS0	2	138	5690	73.40	73.64	91.16	91.80	23.98		30.00		23.98		2.6	2.5



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 $11 \text{ dBm} + 10 \log B$, 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

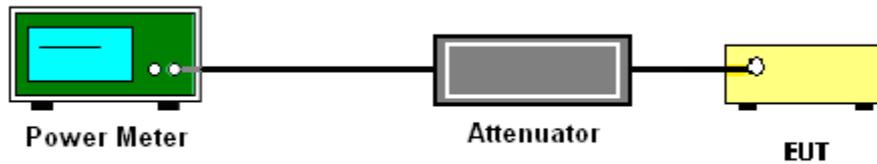
The testing follows Method PM of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.2.4 Test Setup





3.2.5 Test Result of Maximum Conducted Output Power

Test Engineer :	Shiming Liu and Richard Qiu	Temperature :	21~25°C
		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	0.22	0.21	20.68	19.18		24.00	24.00	4.23	4.61	Pass
11a	6Mbps	1	44	5220	0.22	0.21	21.04	20.84		24.00	24.00	4.23	4.61	Pass
11a	6Mbps	1	48	5240	0.22	0.21	21.00	21.06		24.00	24.00	4.23	4.61	Pass
HT20	MCS0	1	36	5180	0.33	0.29	20.60	19.02		24.00	24.00	4.23	4.61	Pass
HT20	MCS0	1	44	5220	0.33	0.29	21.39	21.19		24.00	24.00	4.23	4.61	Pass
HT20	MCS0	1	48	5240	0.33	0.29	21.45	21.09		24.00	24.00	4.23	4.61	Pass
HT40	MCS0	1	38	5190	0.55	0.51	17.46	15.29		24.00	24.00	4.23	4.61	Pass
HT40	MCS0	1	46	5230	0.55	0.51	20.70	19.67		24.00	24.00	4.23	4.61	Pass
VHT20	MCS0	1	36	5180	0.31	0.29	20.53	18.92		24.00	24.00	4.23	4.61	Pass
VHT20	MCS0	1	44	5220	0.31	0.29	21.06	21.17		24.00	24.00	4.23	4.61	Pass
VHT20	MCS0	1	48	5240	0.31	0.29	21.45	21.06		24.00	24.00	4.23	4.61	Pass
VHT40	MCS0	1	38	5190	0.51	0.51	16.63	15.57		24.00	24.00	4.23	4.61	Pass
VHT40	MCS0	1	46	5230	0.51	0.51	20.63	19.63		24.00	24.00	4.23	4.61	Pass
VHT80	MCS0	1	42	5210	0.69	0.66	16.44	15.20		24.00	24.00	4.23	4.61	Pass



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	2	36	5180	0.19	0.19	16.43	16.22	19.33	24.00		4.61	Pass	
11a	6Mbps	2	44	5220	0.19	0.19	16.20	16.28	19.25	24.00		4.61	Pass	
11a	6Mbps	2	48	5240	0.19	0.19	16.31	16.20	19.26	24.00		4.61	Pass	
HT20	MCS0	2	36	5180	0.27	0.26	16.91	16.48	19.71	24.00		4.61	Pass	
HT20	MCS0	2	44	5220	0.27	0.26	16.71	16.70	19.72	24.00		4.61	Pass	
HT20	MCS0	2	48	5240	0.27	0.26	16.69	16.68	19.70	24.00		4.61	Pass	
HT40	MCS0	2	38	5190	0.60	0.49	16.80	15.66	19.28	24.00		4.61	Pass	
HT40	MCS0	2	46	5230	0.60	0.49	19.46	19.43	22.46	24.00		4.61	Pass	
VHT20	MCS0	2	36	5180	0.26	0.25	16.86	16.37	19.63	24.00		4.61	Pass	
VHT20	MCS0	2	44	5220	0.26	0.25	16.64	16.40	19.53	24.00		4.61	Pass	
VHT20	MCS0	2	48	5240	0.26	0.25	16.63	16.36	19.51	24.00		4.61	Pass	
VHT40	MCS0	2	38	5190	0.51	0.49	16.63	15.55	19.13	24.00		4.61	Pass	
VHT40	MCS0	2	46	5230	0.51	0.49	19.40	19.39	22.40	24.00		4.61	Pass	
VHT80	MCS0	2	42	5210	0.70	0.69	14.11	13.84	16.99	24.00		4.61	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	0.22	0.21	21.28	21.05		23.98	23.98	4.37	4.61	30	Pass
11a	6Mbps	1	60	5300	0.22	0.21	21.29	18.05		23.98	23.98	4.37	4.61	30	Pass
11a	6Mbps	1	64	5320	0.22	0.21	21.22	20.83		23.98	23.98	4.37	4.61	30	Pass
HT20	MCS0	1	52	5260	0.33	0.29	21.25	21.53		23.98	23.98	4.37	4.61	30	Pass
HT20	MCS0	1	60	5300	0.33	0.29	21.26	17.94		23.98	23.98	4.37	4.61	30	Pass
HT20	MCS0	1	64	5320	0.33	0.29	21.65	20.74		23.98	23.98	4.37	4.61	30	Pass
HT40	MCS0	1	54	5270	0.55	0.51	21.91	16.73		23.98	23.98	4.37	4.61	30	Pass
HT40	MCS0	1	62	5310	0.55	0.51	17.43	16.04		23.98	23.98	4.37	4.61	30	Pass
VHT20	MCS0	1	52	5260	0.31	0.29	21.25	22.09		23.98	23.98	4.37	4.61	30	Pass
VHT20	MCS0	1	60	5300	0.31	0.29	21.17	17.82		23.98	23.98	4.37	4.61	30	Pass
VHT20	MCS0	1	64	5320	0.31	0.29	21.62	20.60		23.98	23.98	4.37	4.61	30	Pass
VHT40	MCS0	1	54	5270	0.51	0.51	21.85	16.69		23.98	23.98	4.37	4.61	30	Pass
VHT40	MCS0	1	62	5310	0.51	0.51	17.35	15.96		23.98	23.98	4.37	4.61	30	Pass
VHT80	MCS0	1	58	5290	0.69	0.66	15.57	13.47		23.98	23.98	4.37	4.61	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	2	52	5260	0.19	0.19	16.43	16.15	19.30	23.98	4.61	30	Pass		
11a	6Mbps	2	60	5300	0.19	0.19	16.44	16.36	19.41	23.98	4.61	30	Pass		
11a	6Mbps	2	64	5320	0.19	0.19	16.23	16.20	19.22	23.98	4.61	30	Pass		
HT20	MCS0	2	52	5260	0.27	0.26	16.85	16.64	19.76	23.98	4.61	30	Pass		
HT20	MCS0	2	60	5300	0.27	0.26	16.80	16.78	19.80	23.98	4.61	30	Pass		
HT20	MCS0	2	64	5320	0.27	0.26	18.17	17.80	21.00	23.98	4.61	30	Pass		
HT40	MCS0	2	54	5270	0.60	0.49	19.15	18.72	21.95	23.98	4.61	30	Pass		
HT40	MCS0	2	62	5310	0.60	0.49	15.55	15.00	18.30	23.98	4.61	30	Pass		
VHT20	MCS0	2	52	5260	0.26	0.25	16.77	16.62	19.71	23.98	4.61	30	Pass		
VHT20	MCS0	2	60	5300	0.26	0.25	16.68	16.74	19.72	23.98	4.61	30	Pass		
VHT20	MCS0	2	64	5320	0.26	0.25	18.14	17.77	20.97	23.98	4.61	30	Pass		
VHT40	MCS0	2	54	5270	0.51	0.49	18.98	18.67	21.83	23.98	4.61	30	Pass		
VHT40	MCS0	2	62	5310	0.51	0.49	15.47	14.83	18.17	23.98	4.61	30	Pass		
VHT80	MCS0	2	58	5290	0.70	0.69	10.36	9.56	12.99	23.98	4.61	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	0.22	0.21	18.69	20.72		23.98	23.98	4.53	4.79	30	Pass
11a	6Mbps	1	116	5580	0.22	0.21	20.65	20.85		23.98	23.98	4.53	4.79	30	Pass
11a	6Mbps	1	140	5700	0.22	0.21	13.60	19.32		23.98	23.98	4.53	4.79	30	Pass
11a	6Mbps	1	144	5720	0.22	0.21	20.77	20.97		23.79	23.84	4.53	4.79	30	Pass
HT20	MCS0	1	100	5500	0.33	0.29	18.14	19.62		23.98	23.98	4.53	4.79	30	Pass
HT20	MCS0	1	116	5580	0.33	0.29	20.65	20.89		23.98	23.98	4.53	4.79	30	Pass
HT20	MCS0	1	140	5700	0.33	0.29	16.20	18.62		23.98	23.98	4.53	4.79	30	Pass
HT20	MCS0	1	144	5720	0.33	0.29	19.09	21.31		23.70	23.98	4.53	4.79	30	Pass
HT40	MCS0	1	102	5510	0.55	0.51	18.00	16.28		23.98	23.98	4.53	4.79	30	Pass
HT40	MCS0	1	110	5550	0.55	0.51	21.98	22.13		23.98	23.98	4.53	4.79	30	Pass
HT40	MCS0	1	134	5670	0.55	0.51	20.29	17.62		23.98	23.98	4.53	4.79	30	Pass
HT40	MCS0	1	142	5710	0.55	0.51	20.97	22.59		23.98	23.98	4.53	4.79	30	Pass
VHT20	MCS0	1	100	5500	0.31	0.29	18.05	19.56		23.98	23.98	4.53	4.79	30	Pass
VHT20	MCS0	1	116	5580	0.31	0.29	20.65	20.88		23.98	23.98	4.53	4.79	30	Pass
VHT20	MCS0	1	140	5700	0.31	0.29	16.15	18.59		23.98	23.98	4.53	4.79	30	Pass
VHT20	MCS0	1	144	5720	0.31	0.29	19.05	20.90		23.70	23.98	4.53	4.79	30	Pass
VHT40	MCS0	1	102	5510	0.51	0.51	17.92	16.24		23.98	23.98	4.53	4.79	30	Pass
VHT40	MCS0	1	110	5550	0.51	0.51	21.89	22.10		23.98	23.98	4.53	4.79	30	Pass
VHT40	MCS0	1	134	5670	0.51	0.51	20.20	17.59		23.98	23.98	4.53	4.79	30	Pass
VHT40	MCS0	1	142	5710	0.51	0.51	20.88	22.56		23.98	23.98	4.53	4.79	30	Pass
VHT80	MCS0	1	106	5530	0.69	0.66	17.31	16.76		23.98	23.98	4.53	4.79	30	Pass
VHT80	MCS0	1	122	5610	0.69	0.66	21.32	20.74		23.98	23.98	4.53	4.79	30	Pass
VHT80	MCS0	1	138	5690	0.69	0.66	21.71	21.48		23.98	23.98	4.53	4.79	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	0.19	0.19	16.08	16.09	19.09	23.98	4.79	30	Pass		
11a	6Mbps	2	116	5580	0.19	0.19	17.66	16.40	20.08	23.98	4.79	30	Pass		
11a	6Mbps	2	140	5700	0.19	0.19	17.41	16.00	19.77	23.98	4.79	30	Pass		
11a	6Mbps	2	144	5720	0.19	0.19	15.94	15.81	18.88	23.27	4.79	30	Pass		
HT20	MCS0	2	100	5500	0.27	0.26	15.84	16.01	18.94	23.98	4.79	30	Pass		
HT20	MCS0	2	116	5580	0.27	0.26	18.22	17.00	20.66	23.98	4.79	30	Pass		
HT20	MCS0	2	140	5700	0.27	0.26	13.21	13.07	16.15	23.98	4.79	30	Pass		
HT20	MCS0	2	144	5720	0.27	0.26	16.25	16.38	19.33	23.38	4.79	30	Pass		
HT40	MCS0	2	102	5510	0.60	0.49	17.82	16.15	20.08	23.98	4.79	30	Pass		
HT40	MCS0	2	110	5550	0.60	0.49	19.35	19.00	22.19	23.98	4.79	30	Pass		
HT40	MCS0	2	134	5670	0.60	0.49	18.12	16.55	20.42	23.98	4.79	30	Pass		
HT40	MCS0	2	142	5710	0.60	0.49	19.18	19.03	22.12	23.98	4.79	30	Pass		
VHT20	MCS0	2	100	5500	0.26	0.25	15.71	15.92	18.83	23.98	4.79	30	Pass		
VHT20	MCS0	2	116	5580	0.26	0.25	17.60	17.59	20.61	23.98	4.79	30	Pass		
VHT20	MCS0	2	140	5700	0.26	0.25	13.17	13.03	16.11	23.98	4.79	30	Pass		
VHT20	MCS0	2	144	5720	0.26	0.25	15.98	16.21	19.11	23.44	4.79	30	Pass		
VHT40	MCS0	2	102	5510	0.51	0.49	17.81	16.12	20.05	23.98	4.79	30	Pass		
VHT40	MCS0	2	110	5550	0.51	0.49	19.26	18.91	22.09	23.98	4.79	30	Pass		
VHT40	MCS0	2	134	5670	0.51	0.49	18.09	16.46	20.36	23.98	4.79	30	Pass		
VHT40	MCS0	2	142	5710	0.51	0.49	19.00	18.97	21.99	23.98	4.79	30	Pass		
VHT80	MCS0	2	106	5530	0.70	0.69	17.56	15.75	19.76	23.98	4.79	30	Pass		
VHT80	MCS0	2	122	5610	0.70	0.69	20.17	18.59	22.46	23.98	4.79	30	Pass		
VHT80	MCS0	2	138	5690	0.70	0.69	20.93	19.45	23.26	23.98	4.79	30	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.

Method SA-2

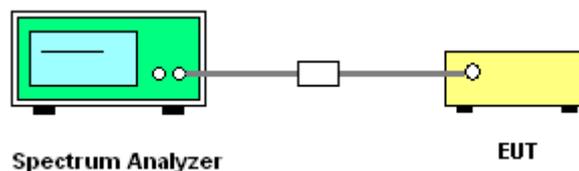
(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
 - Set span to encompass the entire emission bandwidth (EBW) of the signal.
 - Set RBW = 1 MHz.
 - Set VBW \geq 3 MHz.
 - Number of points in sweep \geq 2 Span / RBW.
 - Sweep time = auto.
 - Detector = RMS
 - Trace average at least 100 traces in power averaging mode.
 - Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add $10 \log(1/0.25) = 6$ dB if the duty cycle is 25 percent.
1. The RF output of EUT was connected to the spectrum analyzer by a low loss cable.
 2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
 3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

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

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

3.3.4 Test Setup





3.3.5 Test Result of Power Spectral Density

Test Engineer :	Shiming Liu and Richard Qiu	Temperature :	21~25°C
		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	0.22	0.21	10.92	10.97		11.00	11.00	4.23	4.61	Pass
11a	6Mbps	1	44	5220	0.22	0.21	10.95	10.62		11.00	11.00	4.23	4.61	Pass
11a	6Mbps	1	48	5240	0.22	0.21	10.61	10.69		11.00	11.00	4.23	4.61	Pass
HT20	MCS0	1	36	5180	0.33	0.29	10.69	10.76		11.00	11.00	4.23	4.61	Pass
HT20	MCS0	1	44	5220	0.33	0.29	10.92	10.77		11.00	11.00	4.23	4.61	Pass
HT20	MCS0	1	48	5240	0.33	0.29	10.95	10.53		11.00	11.00	4.23	4.61	Pass
HT40	MCS0	1	38	5190	0.55	0.51	10.22	10.05		11.00	11.00	4.23	4.61	Pass
HT40	MCS0	1	46	5230	0.55	0.51	10.27	9.45		11.00	11.00	4.23	4.61	Pass
VHT80	MCS0	1	42	5210	0.69	0.66	7.22	6.76		11.00	11.00	4.23	4.61	Pass
11a	6Mbps	2	36	5180	0.19	0.19			9.21	9.57		7.43		Pass
11a	6Mbps	2	44	5220	0.19	0.19			9.26	9.57		7.43		Pass
11a	6Mbps	2	48	5240	0.19	0.19			9.54	9.57		7.43		Pass
HT20	MCS0	2	36	5180	0.27	0.26			9.35	9.57		7.43		Pass
HT20	MCS0	2	44	5220	0.27	0.26			9.35	9.57		7.43		Pass
HT20	MCS0	2	48	5240	0.27	0.26			9.47	9.57		7.43		Pass
HT40	MCS0	2	38	5190	0.60	0.49			9.14	9.57		7.43		Pass
HT40	MCS0	2	46	5230	0.60	0.49			9.22	9.57		7.43		Pass
VHT80	MCS0	2	42	5210	0.70	0.69			7.33	9.57		7.43		Pass



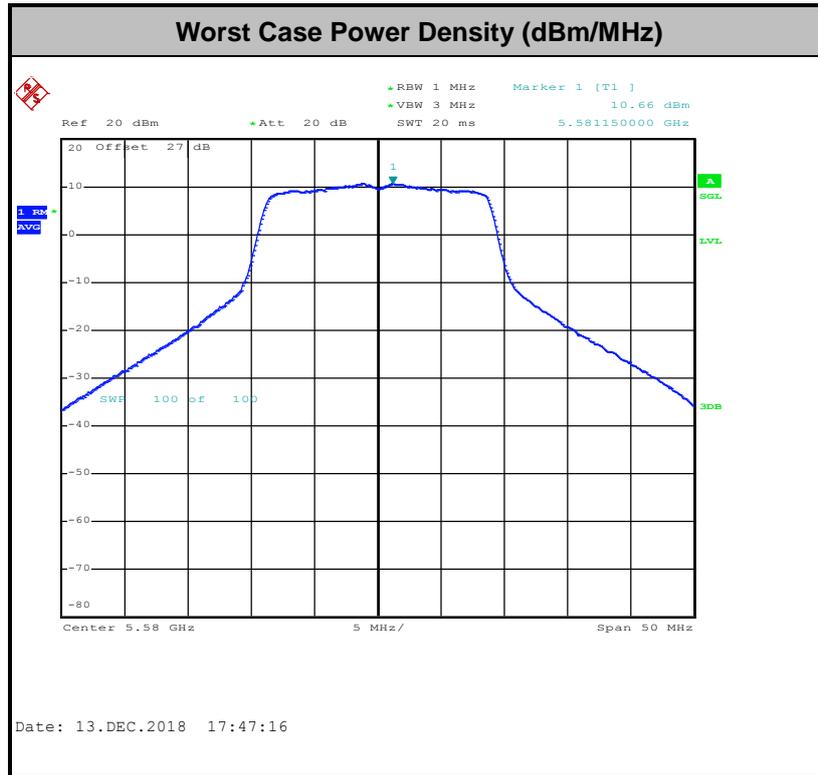
Band II														
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density (dBm/MHz)			Average PSD Limit (dBm/MHz)		DG (dBi)		Pass /Fail
					Ant 1	Ant 2	Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	1	52	5260	0.22	0.21	10.95	10.74		11.00	11.00	4.37	4.61	Pass
11a	6Mbps	1	60	5300	0.22	0.21	10.85	10.94		11.00	11.00	4.37	4.61	Pass
11a	6Mbps	1	64	5320	0.22	0.21	10.67	10.83		11.00	11.00	4.37	4.61	Pass
HT20	MCS0	1	52	5260	0.33	0.29	10.77	10.95		11.00	11.00	4.37	4.61	Pass
HT20	MCS0	1	60	5300	0.33	0.29	10.58	10.67		11.00	11.00	4.37	4.61	Pass
HT20	MCS0	1	64	5320	0.33	0.29	10.83	10.67		11.00	11.00	4.37	4.61	Pass
HT40	MCS0	1	54	5270	0.55	0.51	10.06	9.78		11.00	11.00	4.37	4.61	Pass
HT40	MCS0	1	62	5310	0.55	0.51	10.41	9.44		11.00	11.00	4.37	4.61	Pass
VHT80	MCS0	1	58	5290	0.69	0.66	7.44	6.56		11.00	11.00	4.37	4.61	Pass
11a	6Mbps	2	52	5260	0.19	0.19			9.48	9.50	7.50		Pass	
11a	6Mbps	2	60	5300	0.19	0.19			9.45	9.50	7.50		Pass	
11a	6Mbps	2	64	5320	0.19	0.19			9.34	9.50	7.50		Pass	
HT20	MCS0	2	52	5260	0.27	0.26			9.49	9.50	7.50		Pass	
HT20	MCS0	2	60	5300	0.27	0.26			8.89	9.50	7.50		Pass	
HT20	MCS0	2	64	5320	0.27	0.26			9.39	9.50	7.50		Pass	
HT40	MCS0	2	54	5270	0.60	0.49			9.43	9.50	7.50		Pass	
HT40	MCS0	2	62	5310	0.60	0.49			9.28	9.50	7.50		Pass	
VHT80	MCS0	2	58	5290	0.70	0.69			6.39	9.50	7.50		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	0.22	0.21	10.86	10.79		11.00	11.00	4.53	4.79	Pass
11a	6Mbps	1	116	5580	0.22	0.21	10.71	10.89		11.00	11.00	4.53	4.79	Pass
11a	6Mbps	1	140	5700	0.22	0.21	10.67	10.85		11.00	11.00	4.53	4.79	Pass
11a	6Mbps	1	144	5720	0.22	0.21	10.65	10.86		11.00	11.00	4.53	4.79	Pass
HT20	MCS0	1	100	5500	0.33	0.29	10.71	10.77		11.00	11.00	4.53	4.79	Pass
HT20	MCS0	1	116	5580	0.33	0.29	10.99	10.82		11.00	11.00	4.53	4.79	Pass
HT20	MCS0	1	140	5700	0.33	0.29	10.51	10.93		11.00	11.00	4.53	4.79	Pass
HT20	MCS0	1	144	5720	0.33	0.29	10.51	10.98		11.00	11.00	4.53	4.79	Pass
HT40	MCS0	1	102	5510	0.55	0.51	10.98	10.31		11.00	11.00	4.53	4.79	Pass
HT40	MCS0	1	110	5550	0.55	0.51	10.97	10.75		11.00	11.00	4.53	4.79	Pass
HT40	MCS0	1	134	5670	0.55	0.51	10.24	10.55		11.00	11.00	4.53	4.79	Pass
HT40	MCS0	1	142	5710	0.55	0.51	10.43	9.66		11.00	11.00	4.53	4.79	Pass
VHT80	MCS0	1	106	5530	0.69	0.66	8.02	7.55		11.00	11.00	4.53	4.79	Pass
VHT80	MCS0	1	122	5610	0.69	0.66	7.94	7.57		11.00	11.00	4.53	4.79	Pass
VHT80	MCS0	1	138	5690	0.69	0.66	7.48	7.34		11.00	11.00	4.53	4.79	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	2	100	5500	0.19	0.19			9.26	9.33	7.67	Pass		
11a	6Mbps	2	116	5580	0.19	0.19			9.16	9.33	7.67	Pass		
11a	6Mbps	2	140	5700	0.19	0.19			9.09	9.33	7.67	Pass		
11a	6Mbps	2	144	5720	0.19	0.19			8.91	9.33	7.67	Pass		
HT20	MCS0	2	100	5500	0.27	0.26			9.25	9.33	7.67	Pass		
HT20	MCS0	2	116	5580	0.27	0.26			9.32	9.33	7.67	Pass		
HT20	MCS0	2	140	5700	0.27	0.26			8.94	9.33	7.67	Pass		
HT20	MCS0	2	144	5720	0.27	0.26			8.91	9.33	7.67	Pass		
HT40	MCS0	2	102	5510	0.60	0.49			8.90	9.33	7.67	Pass		
HT40	MCS0	2	110	5550	0.60	0.49			9.04	9.33	7.67	Pass		
HT40	MCS0	2	134	5670	0.60	0.49			8.83	9.33	7.67	Pass		
HT40	MCS0	2	142	5710	0.60	0.49			9.16	9.33	7.67	Pass		
VHT80	MCS0	2	106	5530	0.70	0.69			6.87	9.33	7.67	Pass		
VHT80	MCS0	2	122	5610	0.70	0.69			6.91	9.33	7.67	Pass		
VHT80	MCS0	2	138	5690	0.70	0.69			6.82	9.33	7.67	Pass		



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



3.4 Unwanted Emissions Measurement

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

3.4.1 Limit of Unwanted Emissions

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

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

For transmitters operating in the 5470-5600 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.

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

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 \geq 3 MHz
- Detector = Peak
- Sweep time = auto
- Trace mode = max hold

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

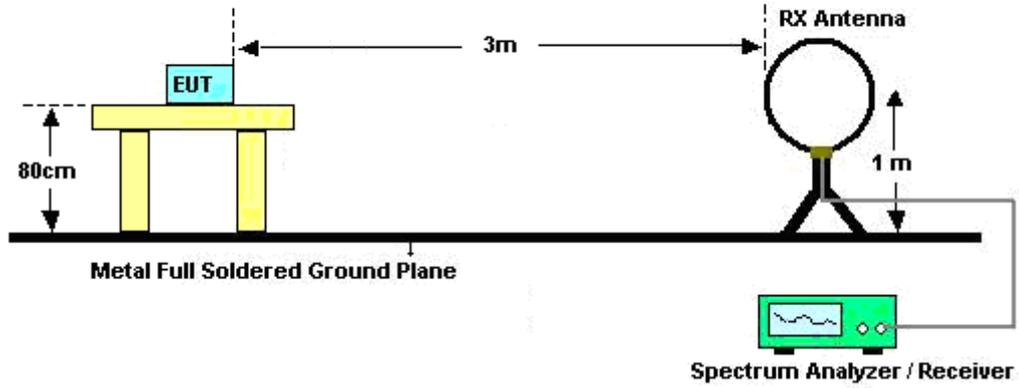
- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW \geq 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.



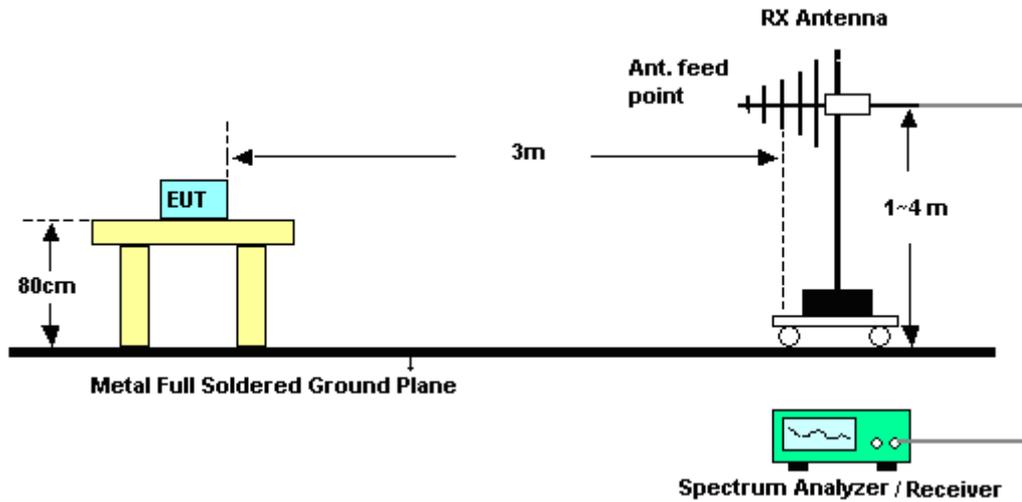
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

3.4.4 Test Setup

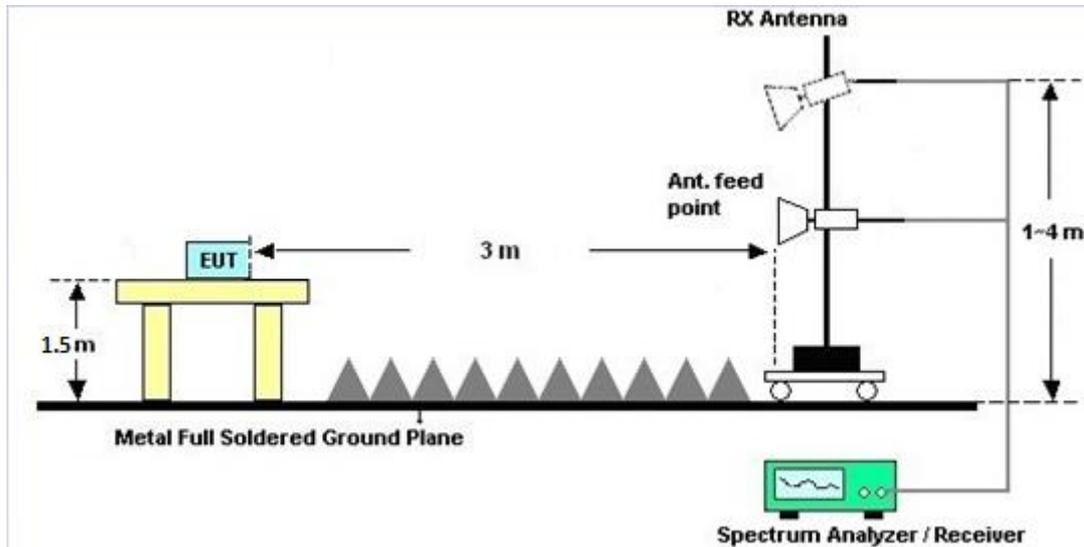
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



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

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

There is a comparison data of both open-field test site and 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 (dB μ V)	
	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.

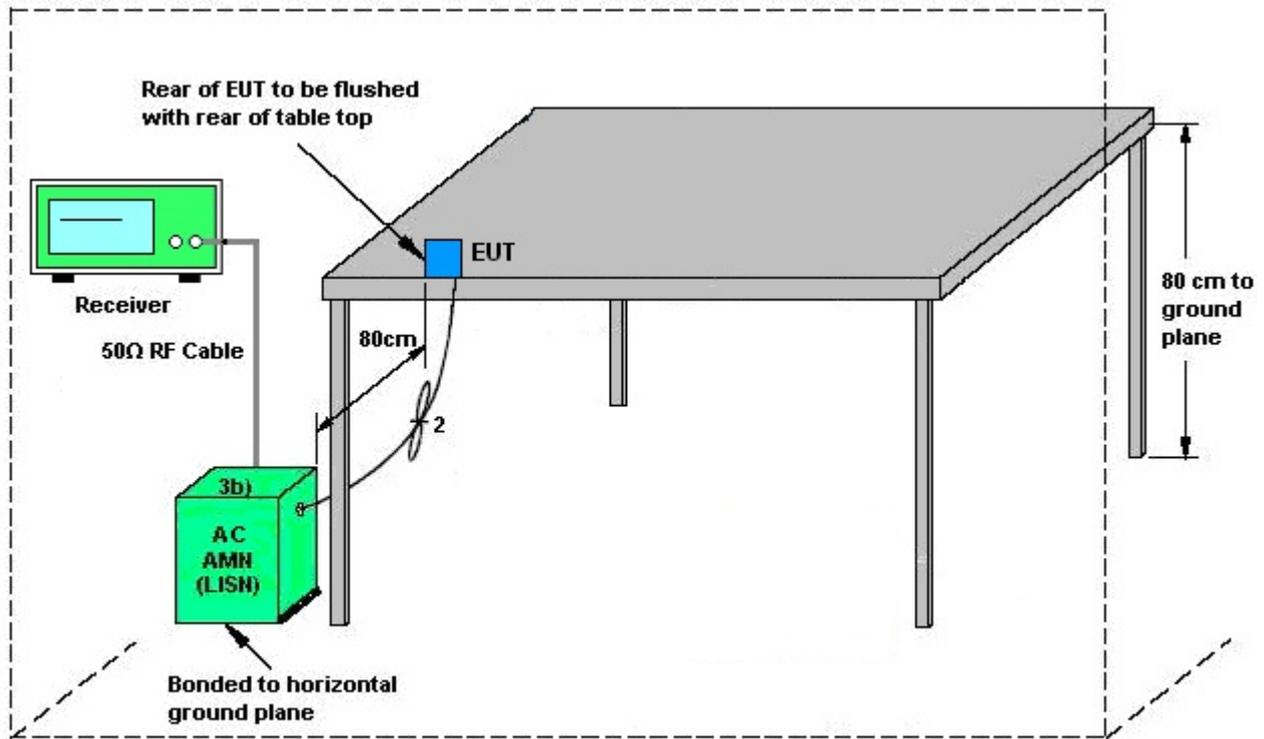
3.5.2 Measuring Instruments

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 (LISH)
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>						
			DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
	Ant. 1 (dBi)	Ant. 2 (dBi)				
Band I	4.23	4.61	4.61	7.43	0.00	1.43
Band II	4.37	4.61	4.61	7.50	0.00	1.50
Band III	4.53	4.79	4.79	7.67	0.00	1.67

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

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



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	1132003	N/A	Aug. 16, 2018	Nov. 23, 2018~ Mar. 26, 2019	Aug. 15, 2019	Conducted (TH05-HY)
Power Sensor	Anritsu	MA2411B	1126017	300MHz~40GHz	Aug. 16, 2018	Nov. 23, 2018~ Mar. 26, 2019	Aug. 15, 2019	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSP40	100057	9kHz-40GHz	Nov. 21, 2018	Nov. 23, 2018~ Mar. 26, 2019	Nov. 20, 2019	Conducted (TH05-HY)
Switch Box & RF Cable	Burgeon	ETF-058	EC130048 4	N/A	Apr. 17, 2018	Nov. 23, 2018~ Mar. 26, 2019	Apr. 16, 2019	Conducted (TH05-HY)
AC Power Source	ChainTek	APC-1000W	N/A	N/A	N/A	Dec. 27, 2018	N/A	Conduction (CO05-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102388	9KHz~3.6GHz	Nov. 12, 2018	Dec. 27, 2018	Nov. 11, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100080	9kHz~30MHz	Nov. 14, 2018	Dec. 27, 2018	Nov. 13, 2019	Conduction (CO05-HY)
LISN	Rohde & Schwarz	ENV216	100081	9kHz~30MHz	Nov. 09, 2018	Dec. 27, 2018	Nov. 08, 2019	Conduction (CO05-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Dec. 27, 2018	N/A	Conduction (CO05-HY)
LF Cable	HUBER + SUHNER	RG-214/U	LF01	N/A	Jan. 03, 2018	Dec. 27, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100851	N/A	Jan. 03, 2018	Dec. 27, 2018	Jan. 02, 2019	Conduction (CO05-HY)
Loop Antenna	TESEQ	HLA 6120	31244	9 kHz~30 MHz	Mar. 29, 2018	Nov. 27, 2018~ Feb. 05, 2019	Mar. 28, 2019	Radiation (03CH12-HY)
Bilog Antenna	TESEQ	CBL 6111D&00800 N1D01N-06	37059&01	30MHz~1GHz	Oct. 13, 2018	Nov. 27, 2018~ Feb. 05, 2019	Oct. 12, 2019	Radiation (03CH12-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120D	9120D-132 8	1GHz ~ 18GHz	Oct. 19, 2018	Nov. 27, 2018~ Feb. 05, 2019	Oct. 18, 2019	Radiation (03CH12-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	BBHA9170 576	18GHz ~ 40GHz	May 08, 2018	Nov. 27, 2018~ Feb. 05, 2019	May 07, 2019	Radiation (03CH12-HY)
Preamplifier	COM-POWER	PA-103	161075	10MHz~1GHz	Mar. 26, 2018	Nov. 27, 2018~ Feb. 05, 2019	Mar. 25, 2019	Radiation (03CH12-HY)
Preamplifier	Agilent	8449B	3008A023 75	1GHz~26.5GHz	May 28, 2018	Nov. 27, 2018~ Feb. 05, 2019	May 27, 2019	Radiation (03CH12-HY)
Preamplifier	Jet-Power	JPA0118-55-3 03K	171000180 0054002	1GHz~18GHz	Apr. 17, 2018	Nov. 27, 2018~ Feb. 05, 2019	Apr. 16, 2019	Radiation (03CH12-HY)
Preamplifier	MITEQ	TTA1840-35- HG	1864481	18GHz ~ 40GHz	Aug. 24, 2018	Nov. 27, 2018~ Feb. 05, 2019	Aug. 23, 2019	Radiation (03CH12-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV30	103738	9kHz~30GHz	May 22, 2018	Nov. 27, 2018~ Feb. 05, 2019	May 21, 2019	Radiation (03CH12-HY)
Spectrum Analyzer	Keysight	N9010A	MY553705 26	10Hz~44GHz	Mar. 15, 2018	Nov. 27, 2018~ Feb. 05, 2019	Mar. 14, 2019	Radiation (03CH12-HY)
Filter	Wainwright	WLKS1200-1 2SS	SN2	1.2GHz Low Pass	Mar. 21, 2018	Nov. 27, 2018~ Feb. 05, 2019	Mar. 20, 2019	Radiation (03CH12-HY)
Filter	Woken	WHKX8-5272. 5-6750-18000 -40ST	SN2	6.75G Highpass	Mar.21, 2018	Nov. 27, 2018~ Feb. 05, 2019	Mar. .20, 2019	Radiation (03CH12-HY)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0058/126E	30M-18G	Mar. 14, 2018	Nov. 27, 2018~ Feb. 05, 2019	Mar. 13, 2019	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	505134/2	30M~40GHz	Oct. 16, 2018	Nov. 27, 2018~ Feb. 05, 2019	Oct. 15, 2019	Radiation (03CH12-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	800740/2	30M~40GHz	Oct. 16, 2018	Nov. 27, 2018~ Feb. 05, 2019	Oct. 15, 2019	Radiation (03CH12-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Nov. 27, 2018~ Feb. 05, 2019	N/A	Radiation (03CH12-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Nov. 27, 2018~ Feb. 05, 2019	N/A	Radiation (03CH12-HY)
Software	Audix	E3 6.2009-8-24	RK-00098 9	N/A	N/A	Nov. 27, 2018~ Feb. 05, 2019	N/A	Radiation (03CH12-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
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Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.1
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Uncertainty of Radiated Emission Measurement (1000 MHz ~ 18000 MHz)

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

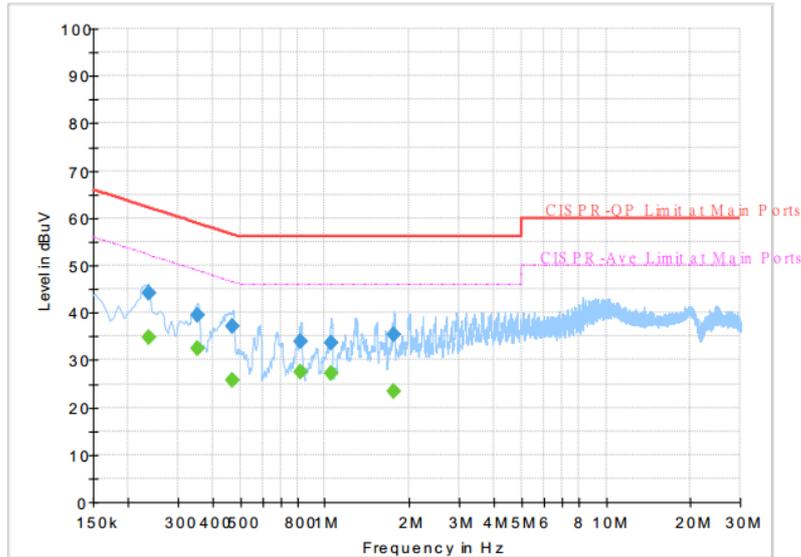
Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.7
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Appendix A. AC Conducted Emission Test Results

Test Engineer :	Rick Lin	Temperature :	23~24°C
		Relative Humidity :	56~58%
Test Voltage :	120Vac / 60Hz	Phase :	Line

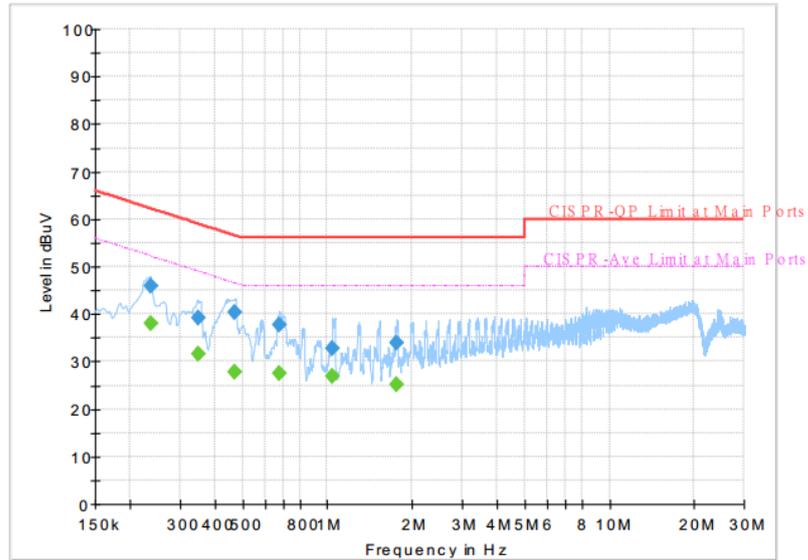


Final Result :

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.235500	---	34.74	52.25	17.51	L1	OFF	19.5
0.235500	44.11	---	62.25	18.14	L1	OFF	19.5
0.352500	---	32.43	48.90	16.47	L1	OFF	19.5
0.352500	39.34	---	58.90	19.56	L1	OFF	19.5
0.469500	---	25.62	46.52	20.90	L1	OFF	19.5
0.469500	37.21	---	56.52	19.31	L1	OFF	19.5
0.822750	---	27.58	46.00	18.42	L1	OFF	19.5
0.822750	34.04	---	56.00	21.96	L1	OFF	19.5
1.050000	---	27.29	46.00	18.71	L1	OFF	19.5
1.050000	33.66	---	56.00	22.34	L1	OFF	19.5
1.767750	---	23.54	46.00	22.46	L1	OFF	19.6
1.767750	35.44	---	56.00	20.56	L1	OFF	19.6



Test Engineer :	Rick Lin	Temperature :	23~24°C
		Relative Humidity :	56~58%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral



Final Result :

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.235500	---	37.94	52.25	14.31	N	OFF	19.5
0.235500	45.87	---	62.25	16.38	N	OFF	19.5
0.348000	---	31.54	49.01	17.47	N	OFF	19.5
0.348000	39.30	---	59.01	19.71	N	OFF	19.5
0.469500	---	27.75	46.52	18.77	N	OFF	19.5
0.469500	40.40	---	56.52	16.12	N	OFF	19.5
0.674250	---	27.46	46.00	18.54	N	OFF	19.5
0.674250	37.65	---	56.00	18.35	N	OFF	19.5
1.045500	---	27.04	46.00	18.96	N	OFF	19.5
1.045500	32.87	---	56.00	23.13	N	OFF	19.5
1.765500	---	25.05	46.00	20.95	N	OFF	19.6
1.765500	33.87	---	56.00	22.13	N	OFF	19.6



Appendix B. Radiated Spurious Emission

Test Engineer :	Jack Cheng , Lance Chiang, and Chuan Chu	Temperature :	22~24°C
		Relative Humidity :	56~60%

<For Antenna 1>

<Chain 1>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5147.94	69.13	-4.87	74	58.39	31.9	9.98	31.14	288	147	P	H	
		5150	52.61	-1.39	54	41.87	31.9	9.98	31.14	288	147	A	H	
	*	5180	119.37	-	-	108.71	31.78	10.02	31.14	288	147	P	H	
	*	5180	108.17	-	-	97.51	31.78	10.02	31.14	288	147	A	H	
													H	
			5148.98	64.24	-9.76	74	53.5	31.9	9.98	31.14	100	121	P	V
			5150	47.89	-6.11	54	37.15	31.9	9.98	31.14	100	121	A	V
	*		5180	113.3	-	-	102.64	31.78	10.02	31.14	100	121	P	V
	*		5180	102.09	-	-	91.43	31.78	10.02	31.14	100	121	A	V
													V	
802.11a CH 44 5220MHz		5149.5	59.37	-14.63	74	48.63	31.9	9.98	31.14	283	146	P	H	
		5148.72	44.31	-9.69	54	33.57	31.9	9.98	31.14	283	146	A	H	
	*	5220	119.44	-	-	108.94	31.58	10.06	31.14	283	146	P	H	
	*	5220	108.29	-	-	97.79	31.58	10.06	31.14	283	146	A	H	
			5413.24	54.85	-19.15	74	44.24	31.55	10.21	31.15	283	146	P	H
			5452.72	43.05	-10.95	54	32.23	31.71	10.26	31.15	283	146	A	H
			5148.2	54.47	-19.53	74	43.73	31.9	9.98	31.14	108	124	P	V
			5150	42.57	-11.43	54	31.83	31.9	9.98	31.14	108	124	A	V
	*		5220	113.03	-	-	102.53	31.58	10.06	31.14	108	124	P	V
	*		5220	102.07	-	-	91.57	31.58	10.06	31.14	108	124	A	V
			5444.04	54.03	-19.97	74	43.25	31.68	10.25	31.15	108	124	P	V
			5452.72	41.78	-12.22	54	30.96	31.71	10.26	31.15	108	124	A	V



802.11a CH 48 5240MHz		5147.94	56.98	-17.02	74	46.24	31.9	9.98	31.14	256	330	P	H
		5149.24	43.54	-10.46	54	32.8	31.9	9.98	31.14	256	330	A	H
	*	5240	119.19	-	-	108.8	31.46	10.07	31.14	256	330	P	H
	*	5240	108.09	-	-	97.7	31.46	10.07	31.14	256	330	A	H
		5360.32	56.43	-17.57	74	46.07	31.34	10.17	31.15	256	330	P	H
		5351.08	43.36	-10.64	54	33.05	31.3	10.16	31.15	256	330	A	H
		5123.76	53.7	-20.3	74	42.94	31.95	9.95	31.14	112	301	P	V
		5149.24	41.87	-12.13	54	31.13	31.9	9.98	31.14	112	301	A	V
	*	5240	113.29	-	-	102.9	31.46	10.07	31.14	112	301	P	V
	*	5240	102.29	-	-	91.9	31.46	10.07	31.14	112	301	A	V
		5424.44	53.8	-20.2	74	43.12	31.6	10.23	31.15	112	301	P	V
		5443.2	42.01	-11.99	54	31.24	31.67	10.25	31.15	112	301	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	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	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	49.48	-18.72	68.2	54.29	39.58	15.6	59.99	100	0	P	H
		15540	47.48	-26.52	74	47.69	38.25	19.59	58.05	100	0	P	H
													H
													H
		10360	47.8	-20.4	68.2	52.61	39.58	15.6	59.99	100	0	P	V
		15540	47.34	-26.66	74	47.57	38.22	19.59	58.04	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	48.04	-20.16	68.2	52.84	39.7	15.67	60.17	100	0	P	H
		15660	49.42	-24.58	74	49.86	37.8	19.64	57.88	100	0	P	H
													H
													H
		10440	46.96	-21.24	68.2	51.76	39.7	15.67	60.17	100	0	P	V
		15660	49.34	-24.66	74	49.78	37.8	19.64	57.88	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	47.42	-20.78	68.2	52.28	39.7	15.7	60.26	100	0	P	H
		15720	48.89	-25.11	74	49.27	37.76	19.65	57.79	100	0	P	H
													H
													H
		10480	46.41	-21.79	68.2	51.27	39.7	15.7	60.26	100	0	P	V
		15720	46.36	-27.64	74	46.74	37.76	19.65	57.79	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	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 36 5180MHz		5146.64	69.51	-4.49	74	58.76	31.91	9.98	31.14	289	145	P	H	
		5150	52.64	-1.36	54	41.9	31.9	9.98	31.14	289	145	A	H	
	*	5180	118.81	-	-	108.15	31.78	10.02	31.14	289	145	P	H	
	*	5180	107.55	-	-	96.89	31.78	10.02	31.14	289	145	A	H	
													H	
														H
			5146.9	63.75	-10.25	74	53	31.91	9.98	31.14	100	121	P	V
			5150	48.16	-5.84	54	37.42	31.9	9.98	31.14	100	121	A	V
		*	5180	112.75	-	-	102.09	31.78	10.02	31.14	100	121	P	V
		*	5180	101.36	-	-	90.7	31.78	10.02	31.14	100	121	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5148.98	64.48	-9.52	74	56.07	31.9	9.98	33.47	283	144	P	H	
		5149.76	47.2	-6.8	54	38.79	31.9	9.98	33.47	283	144	A	H	
		* 5220	121.17	-	-	112.99	31.58	10.06	33.46	283	144	P	H	
		* 5220	110.97	-	-	102.79	31.58	10.06	33.46	283	144	A	H	
			5353.04	57.4	-16.6	74	49.37	31.31	10.16	33.44	283	144	P	H
			5354.44	45.4	-8.6	54	37.36	31.32	10.16	33.44	283	144	A	H
			5149.5	59.62	-14.38	74	51.21	31.9	9.98	33.47	106	121	P	V
			5149.5	43.44	-10.56	54	35.03	31.9	9.98	33.47	106	121	A	V
		*	5220	115.92	-	-	107.74	31.58	10.06	33.46	106	121	P	V
		*	5220	104.65	-	-	96.47	31.58	10.06	33.46	106	121	A	V
		5456.08	53.84	-20.16	74	45.29	31.72	10.26	33.43	106	121	P	V	
		5355	42.05	-11.95	54	34.01	31.32	10.16	33.44	106	121	A	V	



802.11n HT20 CH 48 5240MHz		5150	60.35	-13.65	74	51.94	31.9	9.98	33.47	281	146	P	H
		5145.6	44.96	-9.04	54	36.55	31.91	9.97	33.47	281	146	A	H
	*	5240	120.74	-	-	112.67	31.46	10.07	33.46	281	146	P	H
	*	5240	110.34	-	-	102.27	31.46	10.07	33.46	281	146	A	H
		5351.64	61.38	-12.62	74	53.35	31.31	10.16	33.44	281	146	P	H
		5350.52	45.58	-8.42	54	37.56	31.3	10.16	33.44	281	146	A	H
		5143.78	55.53	-18.47	74	47.12	31.91	9.97	33.47	100	121	P	V
		5148.98	42.68	-11.32	54	34.27	31.9	9.98	33.47	100	121	A	V
	*	5240	115.35	-	-	107.28	31.46	10.07	33.46	100	121	P	V
	*	5240	103.99	-	-	95.92	31.46	10.07	33.46	100	121	A	V
		5379.36	54.77	-19.23	74	46.61	31.42	10.18	33.44	100	121	P	V
		5356.4	42.32	-11.68	54	34.26	31.33	10.17	33.44	100	121	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	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 36 5180MHz		10360	50.33	-17.87	68.2	55.14	39.58	15.6	59.99	100	0	P	H
		15540	47.54	-26.46	74	47.77	38.22	19.59	58.04	100	0	P	H
													H
													H
		10360	47.91	-20.29	68.2	52.72	39.58	15.6	59.99	100	0	P	V
		15540	46.63	-27.37	74	46.86	38.22	19.59	58.04	100	0	P	V
802.11n HT20 CH 44 5220MHz		10440	48.92	-19.28	68.2	53.72	39.7	15.67	60.17	100	0	P	H
		15660	49.09	-24.91	74	49.53	37.8	19.64	57.88	100	0	P	H
													H
													H
		10440	47.26	-20.94	68.2	52.06	39.7	15.67	60.17	100	0	P	V
		15660	48.97	-25.03	74	49.41	37.8	19.64	57.88	100	0	P	V
802.11n HT20 CH 48 5240MHz		10480	47.46	-20.74	68.2	52.32	39.7	15.7	60.26	100	0	P	H
		15720	48.41	-25.59	74	48.79	37.76	19.65	57.79	100	0	P	H
													H
													H
		10480	46.48	-21.72	68.2	51.34	39.7	15.7	60.26	100	0	P	V
		15720	46.1	-27.9	74	46.48	37.76	19.65	57.79	100	0	P	V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	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		5149.24	67	-7	74	56.26	31.9	9.98	31.14	288	146	P	H
		5150	51.72	-2.28	54	40.98	31.9	9.98	31.14	288	146	A	H
	*	5190	112.96	-	-	102.33	31.74	10.03	31.14	288	146	P	H
	*	5190	102.18	-	-	91.55	31.74	10.03	31.14	288	146	A	H
		5353.32	55.11	-18.89	74	44.79	31.31	10.16	31.15	288	146	P	H
		5376.28	43.26	-10.74	54	32.82	31.41	10.18	31.15	288	146	A	H
		5149.76	61.66	-12.34	74	50.92	31.9	9.98	31.14	102	120	P	V
		5148.98	46.45	-7.55	54	35.71	31.9	9.98	31.14	102	120	A	V
	*	5190	106.65	-	-	96.02	31.74	10.03	31.14	102	120	P	V
	*	5190	95.85	-	-	85.22	31.74	10.03	31.14	102	120	A	V
		5437.32	52.75	-21.25	74	42.01	31.65	10.24	31.15	102	120	P	V
		5376	42.37	-11.63	54	31.94	31.4	10.18	31.15	102	120	A	V
802.11n HT40 CH 46 5230MHz		5149.76	65.93	-8.07	74	57.52	31.9	9.98	33.47	283	146	P	H
		5150	51.76	-2.24	54	43.35	31.9	9.98	33.47	283	146	A	H
	*	5230	119.32	-	-	111.2	31.52	10.06	33.46	283	146	P	H
	*	5230	108.4	-	-	100.28	31.52	10.06	33.46	283	146	A	H
		5350.24	65.48	-8.52	74	57.46	31.3	10.16	33.44	283	146	P	H
		5350	49.49	-4.51	54	41.47	31.3	10.16	33.44	283	146	A	H
		5149.24	60.87	-13.13	74	52.46	31.9	9.98	33.47	100	120	P	V
		5150	46.82	-7.18	54	38.41	31.9	9.98	33.47	100	120	A	V
	*	5230	112.81	-	-	104.69	31.52	10.06	33.46	100	120	P	V
	*	5230	101.83	-	-	93.71	31.52	10.06	33.46	100	120	A	V
	5350	58.7	-15.3	74	50.68	31.3	10.16	33.44	100	120	P	V	
	5350	44.1	-9.9	54	36.08	31.3	10.16	33.44	100	120	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	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		10380	47.21	-20.99	68.2	51.99	39.64	15.62	60.04	100	0	P	H
		15570	44.66	-29.34	74	45.05	38.01	19.6	58	100	0	P	H
													H
													H
		10380	47.22	-20.98	68.2	52	39.64	15.62	60.04	100	0	P	V
		15570	45.28	-28.72	74	45.67	38.01	19.6	58	100	0	P	V
													V
802.11n HT40 CH 46 5230MHz		10460	49.15	-19.05	68.2	53.98	39.7	15.68	60.21	100	0	P	H
		15690	55.21	-18.79	74	55.6	37.8	19.64	57.83	210	165	P	H
		15690	40.28	-13.72	54	40.88	37.8	19.43	57.83	210	165	A	H
													H
		10460	46.18	-22.02	68.2	51.01	39.7	15.68	60.21	100	0	P	V
		15690	48.44	-25.56	74	48.83	37.8	19.64	57.83	100	0	P	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	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		5146.64	63.28	-10.72	74	52.53	31.91	9.98	31.14	282	146	P	H
		5150	48.52	-5.48	54	37.78	31.9	9.98	31.14	282	146	A	H
	*	5210	108.91	-	-	98.36	31.64	10.05	31.14	282	146	P	H
	*	5210	98.32	-	-	87.77	31.64	10.05	31.14	282	146	A	H
		5352.2	54.61	-19.39	74	44.29	31.31	10.16	31.15	282	146	P	H
		5453	43.74	-10.26	54	32.92	31.71	10.26	31.15	282	146	A	H
		5140.92	59.45	-14.55	74	48.7	31.92	9.97	31.14	105	121	P	V
		5147.68	44.57	-9.43	54	33.83	31.9	9.98	31.14	105	121	A	V
	*	5210	102.64	-	-	92.09	31.64	10.05	31.14	105	121	P	V
	*	5210	91.87	-	-	81.32	31.64	10.05	31.14	105	121	A	V
		5389.44	53.86	-20.14	74	43.36	31.46	10.19	31.15	105	121	P	V
	5458.6	42.37	-11.63	54	31.53	31.73	10.26	31.15	105	121	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	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	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		10420	47.08	-21.12	68.2	51.85	39.7	15.65	60.12	100	0	P	H
		15630	46.66	-27.34	74	47.16	37.8	19.62	57.92	100	0	P	H
													H
													H
		10420	47.16	-21.04	68.2	51.93	39.7	15.65	60.12	100	0	P	V
		15630	46.19	-27.81	74	46.69	37.8	19.62	57.92	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5146.2	54.15	-19.85	74	43.4	31.91	9.98	31.14	256	325	P	H
		5145.52	42.51	-11.49	54	31.77	31.91	9.97	31.14	256	325	A	H
	*	5260	119.32	-	-	109	31.38	10.09	31.15	256	325	P	H
	*	5260	108.22	-	-	97.9	31.38	10.09	31.15	256	325	A	H
		5352	58.99	-15.01	74	48.67	31.31	10.16	31.15	256	325	P	H
		5355.84	44.11	-9.89	54	33.78	31.32	10.16	31.15	256	325	A	H
		5141.78	53.26	-20.74	74	42.51	31.92	9.97	31.14	109	301	P	V
		5143.82	41.7	-12.3	54	30.96	31.91	9.97	31.14	109	301	A	V
	*	5260	113.52	-	-	103.2	31.38	10.09	31.15	109	301	P	V
	*	5260	102.32	-	-	92	31.38	10.09	31.15	109	301	A	V
		5352	55.31	-18.69	74	44.99	31.31	10.16	31.15	109	301	P	V
		5352.24	41.98	-12.02	54	31.66	31.31	10.16	31.15	109	301	A	V
802.11a CH 60 5300MHz		5114.24	53.43	-20.57	74	42.66	31.97	9.94	31.14	270	324	P	H
		5145.52	42.25	-11.75	54	31.51	31.91	9.97	31.14	270	324	A	H
	*	5300	118.67	-	-	108.4	31.3	10.12	31.15	270	324	P	H
	*	5300	107.57	-	-	97.3	31.3	10.12	31.15	270	324	A	H
		5352	67.39	-6.61	74	57.07	31.31	10.16	31.15	270	324	P	H
		5352.48	47.75	-6.25	54	37.43	31.31	10.16	31.15	270	324	A	H
		5140.42	53.64	-20.36	74	42.89	31.92	9.97	31.14	113	302	P	V
		5134.98	41.75	-12.25	54	31	31.93	9.96	31.14	113	302	A	V
	*	5300	113.17	-	-	102.9	31.3	10.12	31.15	113	302	P	V
	*	5300	102.07	-	-	91.8	31.3	10.12	31.15	113	302	A	V
		5350.32	63.01	-10.99	74	52.7	31.3	10.16	31.15	113	302	P	V
		5356.56	44.37	-9.63	54	34.02	31.33	10.17	31.15	113	302	A	V



802.11a CH 64 5320MHz	*	5320	118.99	-	-	108.7	31.3	10.14	31.15	267	326	P	H
	*	5320	108.09	-	-	97.8	31.3	10.14	31.15	267	326	A	H
		5353.12	70.4	-3.6	74	60.08	31.31	10.16	31.15	267	326	P	H
		5350.4	51.86	-2.14	54	41.55	31.3	10.16	31.15	267	326	A	H
													H
													H
	*	5320	113.69	-	-	103.4	31.3	10.14	31.15	108	302	P	V
	*	5320	102.49	-	-	92.2	31.3	10.14	31.15	108	302	A	V
		5357.6	64.61	-9.39	74	54.26	31.33	10.17	31.15	108	302	P	V
		5350.4	47.35	-6.65	54	37.04	31.3	10.16	31.15	108	302	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	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	-19.2	68.2	53.88	39.74	15.73	60.35	100	0	P	H	
		15780	54.81	-19.19	74	55.2	37.64	19.68	57.71	100	0	P	H	
		15780	40.01	-13.99	54	40.4	37.64	19.68	57.71	100	0	A	H	
													H	
		10520	47.95	-20.25	68.2	52.83	39.74	15.73	60.35	100	0	P	V	
		15780	47.66	-26.34	74	48.05	37.64	19.68	57.71	100	0	P	V	
														V
														V
802.11a CH 60 5300MHz		10600	49.39	-24.61	74	54.23	39.9	15.8	60.54	100	0	P	H	
		15900	57.8	-16.2	74	58.31	37.3	19.73	57.54	214	193	P	H	
		15900	42.53	-11.47	54	43.04	37.3	19.73	57.54	214	193	A	H	
													H	
		10600	47.28	-26.72	74	52.12	39.9	15.8	60.54	100	0	P	V	
		15900	52.72	-21.28	74	53.23	37.3	19.73	57.54	100	205	P	V	
		15900	38.75	-15.25	54	39.26	37.3	19.73	57.54	100	205	A	V	
														V
802.11a CH 64 5320MHz		10640	47.97	-26.03	74	52.93	39.86	15.82	60.64	100	0	P	H	
		15960	58.02	-15.98	74	58.38	37.36	19.74	57.46	100	135	P	H	
		15960	42.09	-11.91	54	42.45	37.36	19.74	57.46	100	135	A	H	
													H	
		10640	47.11	-26.89	74	52.07	39.86	15.82	60.64	100	0	P	V	
		15960	47.96	-26.04	74	48.32	37.36	19.74	57.46	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	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 52 5260MHz		5140.08	56.15	-17.85	74	47.73	31.92	9.97	33.47	279	145	P	H
		5145.86	43.69	-10.31	54	35.27	31.91	9.98	33.47	279	145	A	H
	*	5260	121.07	-	-	113.05	31.38	10.09	33.45	279	145	P	H
	*	5260	110.78	-	-	102.76	31.38	10.09	33.45	279	145	A	H
		5355.36	62.02	-11.98	74	53.98	31.32	10.16	33.44	279	145	P	H
		5355.84	46.11	-7.89	54	38.07	31.32	10.16	33.44	279	145	A	H
		5108.46	54.94	-19.06	74	46.5	31.98	9.93	33.47	100	123	P	V
		5145.52	42.19	-11.81	54	33.78	31.91	9.97	33.47	100	123	A	V
	*	5260	115.4	-	-	107.38	31.38	10.09	33.45	100	123	P	V
	*	5260	103.97	-	-	95.95	31.38	10.09	33.45	100	123	A	V
		5354.64	56.43	-17.57	74	48.39	31.32	10.16	33.44	100	123	P	V
		5351.52	42.45	-11.55	54	34.42	31.31	10.16	33.44	100	123	A	V
802.11n HT20 CH 60 5300MHz		5146.54	53.84	-20.16	74	45.42	31.91	9.98	33.47	264	145	P	H
		5145.52	43.15	-10.85	54	34.74	31.91	9.97	33.47	264	145	A	H
	*	5300	120.08	-	-	112.11	31.3	10.12	33.45	264	145	P	H
	*	5300	109.5	-	-	101.53	31.3	10.12	33.45	264	145	A	H
		5353.68	70.44	-3.56	74	62.41	31.31	10.16	33.44	264	145	P	H
		5350.8	50.7	-3.3	54	42.68	31.3	10.16	33.44	264	145	A	H
		5135.66	53.93	-20.07	74	45.51	31.93	9.96	33.47	100	122	P	V
		5120.7	41.94	-12.06	54	33.51	31.96	9.94	33.47	100	122	A	V
	*	5300	114.29	-	-	106.32	31.3	10.12	33.45	100	122	P	V
	*	5300	102.83	-	-	94.86	31.3	10.12	33.45	100	122	A	V
	5350.8	64.13	-9.87	74	56.11	31.3	10.16	33.44	100	122	P	V	
	5351.76	45.17	-8.83	54	37.14	31.31	10.16	33.44	100	122	A	V	



802.11n HT20 CH 64 5320MHz	*	5320	117.64	-	-	107.35	31.3	10.14	31.15	261	145	P	H
	*	5320	106.07	-	-	95.78	31.3	10.14	31.15	261	145	A	H
		5352.16	69.65	-4.35	74	59.33	31.31	10.16	31.15	261	145	P	H
		5350.08	51.26	-2.74	54	40.95	31.3	10.16	31.15	261	145	A	H
													H
													H
	*	5320	111.02	-	-	100.73	31.3	10.14	31.15	100	124	P	V
	*	5320	99.52	-	-	89.23	31.3	10.14	31.15	100	124	A	V
		5350.56	64.02	-9.98	74	53.71	31.3	10.16	31.15	100	124	P	V
		5350.08	46.06	-7.94	54	35.75	31.3	10.16	31.15	100	124	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	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 52 5260MHz		10520	49.21	-18.99	68.2	54.09	39.74	15.73	60.35	100	0	P	H
		15780	57.17	-16.83	74	57.56	37.64	19.68	57.71	100	135	P	H
		15780	40.96	-13.04	54	41.35	37.64	19.68	57.71	100	135	A	H
													H
		10520	48.25	-19.95	68.2	53.13	39.74	15.73	60.35	100	0	P	V
		15780	54.38	-19.62	74	54.77	37.64	19.68	57.71	100	154	P	V
		15780	38.88	-15.12	54	39.27	37.64	19.68	57.71	100	154	A	V
													V
802.11n HT20 CH 60 5300MHz		10600	48.4	-25.6	74	53.24	39.9	15.8	60.54	100	0	P	H
		15900	57.6	-16.4	74	58.11	37.3	19.73	57.54	100	135	P	H
		15900	40.78	-13.22	54	41.29	37.3	19.73	57.54	100	135	A	H
													H
		10600	47.9	-26.1	74	52.74	39.9	15.8	60.54	100	0	P	V
		15900	47.31	-26.69	74	47.82	37.3	19.73	57.54	100	0	P	V
													V
802.11n HT20 CH 64 5320MHz		10640	47.45	-26.55	74	52.41	39.86	15.82	60.64	100	0	P	H
		15960	57.12	-16.88	74	57.48	37.36	19.74	57.46	100	192	P	H
		15960	40.26	-13.74	54	40.62	37.36	19.74	57.46	100	192	A	H
													H
		10640	47.22	-26.78	74	52.18	39.86	15.82	60.64	100	0	P	V
		15960	48.17	-25.83	74	48.53	37.36	19.74	57.46	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	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		5149.94	59.83	-14.17	74	51.42	31.9	9.98	33.47	289	144	P	H
		5149.94	46.73	-7.27	54	38.32	31.9	9.98	33.47	289	144	A	H
	*	5270	119.42	-	-	111.41	31.36	10.1	33.45	289	144	P	H
	*	5270	108.51	-	-	100.5	31.36	10.1	33.45	289	144	A	H
		5352.48	67.65	-6.35	74	59.62	31.31	10.16	33.44	289	144	P	H
		5350.56	52.02	-1.98	54	44	31.3	10.16	33.44	289	144	A	H
		5149.94	54.38	-19.62	74	45.97	31.9	9.98	33.47	108	123	P	V
		5148.24	43.23	-10.77	54	34.82	31.9	9.98	33.47	108	123	A	V
	*	5270	112.87	-	-	104.86	31.36	10.1	33.45	108	123	P	V
	*	5270	102.03	-	-	94.02	31.36	10.1	33.45	108	123	A	V
		5351.52	60.9	-13.1	74	52.87	31.31	10.16	33.44	108	123	P	V
		5351.28	46.5	-7.5	54	38.47	31.31	10.16	33.44	108	123	A	V
802.11n HT40 CH 62 5310MHz		5136.34	53.62	-20.38	74	42.87	31.93	9.96	31.14	258	145	P	H
		5144.16	42.71	-11.29	54	31.97	31.91	9.97	31.14	258	145	A	H
	*	5310	110.99	-	-	100.71	31.3	10.13	31.15	258	145	P	H
	*	5310	100.28	-	-	90	31.3	10.13	31.15	258	145	A	H
		5357.04	66.74	-7.26	74	56.39	31.33	10.17	31.15	258	145	P	H
		5350.32	51.37	-2.63	54	41.06	31.3	10.16	31.15	258	145	A	H
		5107.1	54.17	-19.83	74	43.39	31.99	9.93	31.14	100	125	P	V
		5122.74	42.41	-11.59	54	31.65	31.95	9.95	31.14	100	125	A	V
	*	5310	104.7	-	-	94.42	31.3	10.13	31.15	100	125	P	V
	*	5310	94.19	-	-	83.91	31.3	10.13	31.15	100	125	A	V
	5350.08	60.28	-13.72	74	49.97	31.3	10.16	31.15	100	125	P	V	
	5350.8	45.89	-8.11	54	35.58	31.3	10.16	31.15	100	125	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	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		10540	48.85	-19.35	68.2	53.72	39.78	15.75	60.4	100	0	P	H
		15810	55	-19	74	55.41	37.57	19.69	57.67	100	135	P	H
		15810	41.52	-12.48	54	41.93	37.57	19.69	57.67	100	135	A	H
													H
		10540	47.86	-20.34	68.2	52.73	39.78	15.75	60.4	100	0	P	V
		15810	47.25	-26.75	74	47.66	37.57	19.69	57.67	100	0	P	V
													V
802.11n HT40 CH 62 5310MHz		10620	47.51	-26.49	74	52.42	39.88	15.8	60.59	100	0	P	H
		15930	44.11	-29.89	74	44.54	37.33	19.74	57.5	100	0	P	H
													H
													H
		10620	47.21	-26.79	74	52.12	39.88	15.8	60.59	100	0	P	V
		15930	45.23	-28.77	74	45.66	37.33	19.74	57.5	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	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 58 5290MHz		5011.9	53.95	-20.05	74	43.78	31.5	9.81	31.14	292	143	P	H
		5145.52	43.11	-10.89	54	32.37	31.91	9.97	31.14	292	143	A	H
	*	5290	106.82	-	-	96.54	31.32	10.11	31.15	292	143	P	H
	*	5290	96.2	-	-	85.92	31.32	10.11	31.15	292	143	A	H
		5364.24	64.16	-9.84	74	53.78	31.36	10.17	31.15	292	143	P	H
		5350.08	51.7	-2.3	54	41.39	31.3	10.16	31.15	292	143	A	H
		5120.02	53.8	-20.2	74	43.04	31.96	9.94	31.14	100	124	P	V
		5145.52	42.58	-11.42	54	31.84	31.91	9.97	31.14	100	124	A	V
	*	5290	100.25	-	-	89.97	31.32	10.11	31.15	100	124	P	V
	*	5290	89.8	-	-	79.52	31.32	10.11	31.15	100	124	A	V
		5374.56	59.1	-14.9	74	48.67	31.4	10.18	31.15	100	124	P	V
	5353.44	46.46	-7.54	54	36.14	31.31	10.16	31.15	100	124	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	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 58 5290MHz		10580	48.3	-19.9	68.2	53.15	39.86	15.78	60.49	100	0	P	H	
		15870	46.02	-27.98	74	46.5	37.39	19.71	57.58	100	0	P	H	
													H	
													H	
			10580	48.12	-20.08	68.2	52.97	39.86	15.78	60.49	100	0	P	V
			15870	45.27	-28.73	74	45.75	37.39	19.71	57.58	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	Limit	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
					Line	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 100 5500MHz		5457.52	64.37	-9.63	74	53.53	31.73	10.26	31.15	273	139	P	H	
		5467.76	65.51	-2.69	68.2	54.62	31.77	10.27	31.15	273	139	P	H	
		5442.48	46.77	-7.23	54	36	31.67	10.25	31.15	273	139	A	H	
	*	5500	115	-	-	103.94	31.9	10.31	31.15	273	139	P	H	
	*	5500	103.87	-	-	92.81	31.9	10.31	31.15	273	139	A	H	
														H
			5453.2	58.03	-15.97	74	47.21	31.71	10.26	31.15	258	214	P	V
			5468.72	58.76	-9.44	68.2	47.86	31.77	10.28	31.15	258	214	P	V
			5459.44	43.03	-10.97	54	32.17	31.74	10.27	31.15	258	214	A	V
	*		5500	108.32	-	-	97.26	31.9	10.31	31.15	258	214	P	V
	*		5500	97.12	-	-	86.06	31.9	10.31	31.15	258	214	A	V
														V
802.11a CH 116 5580MHz		5447.68	54.45	-19.55	74	43.66	31.69	10.25	31.15	297	165	P	H	
		5460.4	54.55	-13.65	68.2	43.69	31.74	10.27	31.15	297	165	P	H	
		5452.96	42.54	-11.46	54	31.72	31.71	10.26	31.15	297	165	A	H	
	*	5580	117.12	-	-	106.12	31.8	10.4	31.2	297	165	P	H	
	*	5580	105.9	-	-	94.9	31.8	10.4	31.2	297	165	A	H	
			5760.905	54.33	-13.87	68.2	42.94	32.12	10.55	31.28	297	165	P	H
			5423.2	52.8	-21.2	74	42.13	31.59	10.23	31.15	276	216	P	V
			5462.56	52.85	-15.35	68.2	41.98	31.75	10.27	31.15	276	216	P	V
			5452.24	41.73	-12.27	54	30.91	31.71	10.26	31.15	276	216	A	V
	*		5580	111.2	-	-	100.2	31.8	10.4	31.2	276	216	P	V
	*		5580	99.6	-	-	88.6	31.8	10.4	31.2	276	216	A	V
			5742.005	52.69	-15.51	68.2	41.35	32.08	10.53	31.27	276	216	P	V



802.11a CH 140 5700MHz	*	5700	111.75	-	-	100.5	32	10.5	31.25	289	342	P	H
	*	5700	100.85	-	-	89.6	32	10.5	31.25	289	342	A	H
		5726.12	64.63	-3.57	68.2	53.32	32.05	10.52	31.26	289	342	P	H
													H
													H
													H
	*	5700	105.35	-	-	94.1	32	10.5	31.25	300	309	P	V
	*	5700	94.15	-	-	82.9	32	10.5	31.25	300	309	A	V
		5725.24	59.65	-8.55	68.2	48.34	32.05	10.52	31.26	300	309	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	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	48.37	-25.63	74	53.57	40.2	16.1	61.5	100	0	P	H
		16500	52.25	-15.95	68.2	49.97	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	48.16	-25.84	74	53.36	40.2	16.1	61.5	100	0	P	V
		16500	47.67	-20.53	68.2	45.39	39.4	20.18	57.3	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.05	-27.95	74	51.73	39.62	16.23	61.53	100	0	P	H
		16740	65.15	-3.05	68.2	61.2	40.4	20.37	56.82	100	124	P	H
													H
													H
		11160	45.96	-28.04	74	51.64	39.62	16.23	61.53	100	0	P	V
		16740	59.65	-8.55	68.2	55.7	40.4	20.37	56.82	100	146	P	V
													V
													V
802.11a CH 140 5700MHz		11400	45.92	-28.08	74	51.48	39.6	16.42	61.58	100	0	P	H
		17100	48.33	-19.87	68.2	43.24	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	46.46	-27.54	74	52.02	39.6	16.42	61.58	100	0	P	V
		17100	47.99	-20.21	68.2	42.9	40.5	20.67	56.08	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	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 100 5500MHz		5458.48	65.28	-8.72	74	54.44	31.73	10.26	31.15	271	139	P	H	
		5469.04	66.7	-1.5	68.2	55.79	31.78	10.28	31.15	271	139	P	H	
		5452.72	45.51	-8.49	54	34.69	31.71	10.26	31.15	271	139	A	H	
	*	5500	115.18	-	-	104.12	31.9	10.31	31.15	271	139	P	H	
	*	5500	103.8	-	-	92.74	31.9	10.31	31.15	271	139	A	H	
														H
			5458.16	59.75	-14.25	74	48.91	31.73	10.26	31.15	246	218	P	V
			5469.68	60.85	-7.35	68.2	49.94	31.78	10.28	31.15	246	218	P	V
			5451.6	42.7	-11.3	54	31.88	31.71	10.26	31.15	246	218	A	V
	*		5500	108.54	-	-	97.48	31.9	10.31	31.15	246	218	P	V
	*		5500	97.47	-	-	86.41	31.9	10.31	31.15	246	218	A	V
														V
802.11n HT20 CH 116 5580MHz		5459.92	55.28	-18.72	74	46.7	31.74	10.27	33.43	280	162	P	H	
		5460.16	56.85	-11.35	68.2	48.27	31.74	10.27	33.43	280	162	P	H	
		5452.72	44.21	-9.79	54	35.67	31.71	10.26	33.43	280	162	A	H	
	*	5580	120.36	-	-	111.6	31.8	10.4	33.44	280	162	P	H	
	*	5580	108.84	-	-	100.08	31.8	10.4	33.44	280	162	A	H	
			5737.28	59.01	-9.19	68.2	49.87	32.07	10.53	33.46	280	162	P	H
			5457.76	53.48	-20.52	74	44.92	31.73	10.26	33.43	251	124	P	V
			5463.76	53.08	-15.12	68.2	44.48	31.76	10.27	33.43	251	124	P	V
			5452.24	42.21	-11.79	54	33.67	31.71	10.26	33.43	251	124	A	V
	*		5580	114.16	-	-	105.4	31.8	10.4	33.44	251	124	P	V
	*		5580	103.35	-	-	94.59	31.8	10.4	33.44	251	124	A	V
			5741.69	57.23	-10.97	68.2	48.08	32.08	10.53	33.46	251	124	P	V



802.11n HT20 CH 140 5700MHz	*	5700	113.96	-	-	102.71	32	10.5	31.25	275	159	P	H
	*	5700	102.49	-	-	91.24	32	10.5	31.25	275	159	A	H
		5725	66.82	-1.38	68.2	55.51	32.05	10.52	31.26	275	159	P	H
													H
													H
													H
	*	5700	104.49	-	-	93.24	32	10.5	31.25	281	208	P	V
	*	5700	92.73	-	-	81.48	32	10.5	31.25	281	208	A	V
		5726.36	59.62	-8.58	68.2	48.31	32.05	10.52	31.26	281	208	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	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 100 5500MHz		11000	47.41	-26.59	74	52.61	40.2	16.1	61.5	100	0	P	H
		16500	53.15	-15.05	68.2	50.87	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	47.45	-26.55	74	52.65	40.2	16.1	61.5	100	0	P	V
		16500	45.73	-22.47	68.2	43.45	39.4	20.18	57.3	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	45.98	-28.02	74	51.66	39.62	16.23	61.53	100	0	P	H
		16740	64.55	-3.65	68.2	60.6	40.4	20.37	56.82	100	123	P	H
													H
													H
		11160	45.6	-28.4	74	51.28	39.62	16.23	61.53	100	0	P	V
		16740	61.55	-6.65	68.2	57.6	40.4	20.37	56.82	100	146	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	46.31	-27.69	74	51.87	39.6	16.42	61.58	100	0	P	H
		17100	50.22	-17.98	68.2	45.13	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	47.07	-26.93	74	52.63	39.6	16.42	61.58	100	0	P	V
		17100	47.9	-20.3	68.2	42.81	40.5	20.67	56.08	100	0	P	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	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 102 5510MHz		5459.92	65.48	-8.52	74	54.62	31.74	10.27	31.15	267	139	P	H
		5469.76	67	-1.2	68.2	56.09	31.78	10.28	31.15	267	139	P	H
		5458.72	47.41	-6.59	54	36.57	31.73	10.26	31.15	267	139	A	H
	*	5510	111.24	-	-	100.2	31.88	10.32	31.16	267	139	P	H
	*	5510	100.2	-	-	89.16	31.88	10.32	31.16	267	139	A	H
		5743.895	54.05	-14.15	68.2	42.69	32.09	10.54	31.27	267	139	P	H
		5459.2	60.13	-13.87	74	49.27	31.74	10.27	31.15	264	218	P	V
		5469.76	61.78	-6.42	68.2	50.87	31.78	10.28	31.15	264	218	P	V
		5452.96	44.32	-9.68	54	33.5	31.71	10.26	31.15	264	218	A	V
	*	5510	106.02	-	-	94.98	31.88	10.32	31.16	264	218	P	V
	*	5510	94.96	-	-	83.92	31.88	10.32	31.16	264	218	A	V
		5759.96	53.52	-14.68	68.2	42.13	32.12	10.55	31.28	264	218	P	V
802.11n HT40 CH 110 5550MHz		5459.92	62.65	-11.35	74	54.07	31.74	10.27	33.43	258	141	P	H
		5468.56	65.34	-2.86	68.2	56.72	31.77	10.28	33.43	258	141	P	H
		5459.92	51.29	-2.71	54	42.71	31.74	10.27	33.43	258	141	A	H
	*	5550	118.22	-	-	109.5	31.8	10.36	33.44	258	141	P	H
	*	5550	107.32	-	-	98.6	31.8	10.36	33.44	258	141	A	H
		5747.99	61.98	-6.22	68.2	52.8	32.1	10.54	33.46	258	141	P	H
		5456.32	55.24	-18.76	74	46.68	31.73	10.26	33.43	276	175	P	V
		5463.28	55.42	-12.78	68.2	46.83	31.75	10.27	33.43	276	175	P	V
		5459.92	44.39	-9.61	54	35.81	31.74	10.27	33.43	276	175	A	V
	*	5550	109.47	-	-	100.75	31.8	10.36	33.44	276	175	P	V
	*	5550	98.48	-	-	89.76	31.8	10.36	33.44	276	175	A	V
		5747.675	61.31	-6.89	68.2	52.13	32.1	10.54	33.46	276	175	P	V



802.11n HT40 CH 134 5670MHz		5440.3	53.6	-20.4	74	42.85	31.66	10.24	31.15	280	158	P	H
		5466.55	52.16	-16.04	68.2	41.27	31.77	10.27	31.15	280	158	P	H
		5452.55	42.48	-11.52	54	31.66	31.71	10.26	31.15	280	158	A	H
	*	5670	114.03	-	-	102.96	31.82	10.48	31.23	280	158	P	H
	*	5670	102.79	-	-	91.72	31.82	10.48	31.23	280	158	A	H
		5728.775	67.08	-1.12	68.2	55.76	32.06	10.52	31.26	280	158	P	H
		5410.2	53.59	-20.41	74	42.99	31.54	10.21	31.15	253	215	P	V
		5465.85	52.35	-15.85	68.2	41.47	31.76	10.27	31.15	253	215	P	V
		5452.9	42.46	-11.54	54	31.64	31.71	10.26	31.15	253	215	A	V
	*	5670	105.43	-	-	94.36	31.82	10.48	31.23	253	215	P	V
	*	5670	94.2	-	-	83.13	31.82	10.48	31.23	253	215	A	V
		5730.525	58.8	-9.4	68.2	47.49	32.06	10.52	31.27	253	215	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)**

WIFI	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 102 5510MHz		11020	47.7	-26.3	74	52.96	40.12	16.12	61.5	100	0	P	H
		16530	46.73	-21.47	68.2	44.37	39.4	20.2	57.24	100	0	P	H
													H
													H
		11020	47.6	-26.4	74	52.86	40.12	16.12	61.5	100	0	P	V
		16530	45.93	-22.27	68.2	43.57	39.4	20.2	57.24	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	46.97	-27.03	74	52.51	39.8	16.18	61.52	100	0	P	H
		16650	64.4	-3.8	68.2	61.3	39.8	20.3	57	100	124	P	H
													H
													H
		11100	46.13	-27.87	74	51.67	39.8	16.18	61.52	100	0	P	V
		16650	59.5	-8.7	68.2	56.4	39.8	20.3	57	100	147	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	47.6	-26.4	74	53.25	39.54	16.38	61.57	100	0	P	H
		17010	59.01	-9.19	68.2	54.2	40.5	20.59	56.28	100	0	P	H
													H
													H
		11340	46.98	-27.02	74	52.63	39.54	16.38	61.57	100	0	P	V
		17010	53.27	-14.93	68.2	48.46	40.5	20.59	56.28	100	0	P	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	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 106 5530MHz		5456.05	64.09	-9.91	74	53.26	31.72	10.26	31.15	293	161	P	H
		5466.55	63.43	-4.77	68.2	52.54	31.77	10.27	31.15	293	161	P	H
		5459.55	47.95	-6.05	54	37.09	31.74	10.27	31.15	293	161	A	H
	*	5530	106.9	-	-	95.89	31.84	10.34	31.17	293	161	P	H
	*	5530	96.72	-	-	85.71	31.84	10.34	31.17	293	161	A	H
		5760.275	54.83	-13.37	68.2	43.44	32.12	10.55	31.28	293	161	P	H
		5455	57.9	-16.1	74	47.07	31.72	10.26	31.15	266	215	P	V
		5465.85	60.07	-8.13	68.2	49.19	31.76	10.27	31.15	266	215	P	V
		5459.2	44.69	-9.31	54	33.83	31.74	10.27	31.15	266	215	A	V
	*	5530	101.48	-	-	90.47	31.84	10.34	31.17	266	215	P	V
	*	5530	91.25	-	-	80.24	31.84	10.34	31.17	266	215	A	V
	5761.22	54.02	-14.18	68.2	42.63	32.12	10.55	31.28	266	215	P	V	
802.11ac VHT80 CH 122 5610MHz		5450.08	62.75	-11.25	74	51.94	31.7	10.26	31.15	290	162	P	H
		5466.4	65.08	-3.12	68.2	54.19	31.77	10.27	31.15	290	162	P	H
		5459.44	51.17	-2.83	54	40.31	31.74	10.27	31.15	290	162	A	H
	*	5610	111.81	-	-	100.81	31.78	10.43	31.21	290	162	P	H
	*	5610	101.73	-	-	90.73	31.78	10.43	31.21	290	162	A	H
		5731.925	67.11	-1.09	68.2	55.79	32.06	10.53	31.27	290	162	P	H
		5459.92	59.2	-14.8	74	48.34	31.74	10.27	31.15	292	217	P	V
		5466.4	61.02	-7.18	68.2	50.13	31.77	10.27	31.15	292	217	P	V
		5459.92	47.12	-6.88	54	36.26	31.74	10.27	31.15	292	217	A	V
	*	5610	105.22	-	-	94.22	31.78	10.43	31.21	292	217	P	V
	*	5610	94.83	-	-	83.83	31.78	10.43	31.21	292	217	A	V
	5746.415	61.18	-7.02	68.2	49.82	32.09	10.54	31.27	292	217	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1	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 106 5530MHz		11060	46.4	-27.6	74	51.8	39.96	16.15	61.51	100	0	P	H
		16590	45.88	-22.32	68.2	43.35	39.4	20.25	57.12	100	0	P	H
													H
													H
		11060	46.82	-27.18	74	52.22	39.96	16.15	61.51	100	0	P	V
		16590	46.11	-22.09	68.2	43.58	39.4	20.25	57.12	100	0	P	V
													V
													V
802.11ac VHT80 CH 122 5610MHz		11220	44.83	-29.17	74	50.59	39.5	16.28	61.54	100	0	P	H
		16830	58.44	-9.76	68.2	54.11	40.52	20.45	56.64	100	0	P	H
													H
													H
		11220	44.65	-29.35	74	50.41	39.5	16.28	61.54	100	0	P	V
		16830	52.2	-16	68.2	47.87	40.52	20.45	56.64	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5402.65	54.01	-19.99	74	43.45	31.51	10.2	31.15	273	162	P	H
		5464.66	52.96	-15.24	68.2	42.08	31.76	10.27	31.15	273	162	P	H
		5452.96	42.09	-11.91	54	31.27	31.71	10.26	31.15	273	162	A	H
	*	5720	118.37	-	-	107.07	32.04	10.52	31.26	273	162	P	H
	*	5720	107.14	-	-	95.84	32.04	10.52	31.26	273	162	A	H
		5893.25	56.28	-11.92	68.2	44.58	32.39	10.65	31.34	273	162	P	H
		5454.91	53.31	-20.69	74	42.48	31.72	10.26	31.15	299	132	P	V
		5459.98	52.58	-21.42	74	41.72	31.74	10.27	31.15	299	132	P	V
		5448.67	41.62	-12.38	54	30.83	31.69	10.25	31.15	299	132	A	V
	*	5720	111.39	-	-	100.09	32.04	10.52	31.26	299	132	P	V
	*	5720	100.09	-	-	88.79	32.04	10.52	31.26	299	132	A	V
			5930.5	54.82	-13.38	68.2	42.97	32.52	10.68	31.35	299	132	P
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)**

WIFI	Note	Frequency (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	47.04	-26.96	74	52.5	39.68	16.45	61.59	100	0	P	H
		17160	61.56	-6.64	68.2	56.24	40.56	20.71	55.95	100	0	P	H
													H
													H
		11440	47.03	-26.97	74	52.49	39.68	16.45	61.59	100	0	P	V
		17160	54.98	-13.22	68.2	49.66	40.56	20.71	55.95	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	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		5445.16	54.41	-19.59	74	45.92	31.68	10.25	33.44	257	163	P	H
		5468.56	53.58	-14.62	68.2	44.96	31.77	10.28	33.43	257	163	P	H
		5452.96	43.03	-10.97	54	34.49	31.71	10.26	33.43	257	163	A	H
	*	5720	118.9	-	-	109.8	32.04	10.52	33.46	257	163	P	H
	*	5720	107.91	-	-	98.81	32.04	10.52	33.46	257	163	A	H
		5888.75	58.41	-9.79	68.2	48.86	32.38	10.65	33.48	257	163	P	H
		5404.21	53.39	-20.61	74	45.11	31.52	10.2	33.44	282	131	P	V
		5469.34	53.21	-14.99	68.2	44.58	31.78	10.28	33.43	282	131	P	V
		5442.04	41.93	-12.07	54	33.45	31.67	10.25	33.44	282	131	A	V
	*	5720	111.62	-	-	102.52	32.04	10.52	33.46	282	131	P	V
	*	5720	100.33	-	-	91.23	32.04	10.52	33.46	282	131	A	V
		5875	56.24	-11.96	68.2	46.73	32.35	10.64	33.48	282	131	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	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		11440	46.88	-27.12	74	52.34	39.68	16.45	61.59	100	0	P	H	
		17160	64.83	-3.37	68.2	59.51	40.56	20.71	55.95	100	122	P	H	
													H	
													H	
			11440	46.73	-27.27	74	52.19	39.68	16.45	61.59	100	0	P	V
			17160	57.73	-10.47	68.2	52.41	40.56	20.71	55.95	100	198	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	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		5428.78	54.53	-19.47	74	46.12	31.62	10.23	33.44	257	163	P	H
		5468.56	53.15	-15.05	68.2	44.53	31.77	10.28	33.43	257	163	P	H
		5452.96	43.4	-10.6	54	34.86	31.71	10.26	33.43	257	163	A	H
	*	5710	118.33	-	-	109.26	32.02	10.51	33.46	257	163	P	H
	*	5710	106.51	-	-	97.44	32.02	10.51	33.46	257	163	A	H
		5851	59.92	-8.28	68.2	50.48	32.3	10.62	33.48	257	163	P	H
		5427.22	54.05	-19.95	74	45.65	31.61	10.23	33.44	323	173	P	V
		5460.76	52.63	-15.57	68.2	44.05	31.74	10.27	33.43	323	173	P	V
		5457.25	42.53	-11.47	54	33.97	31.73	10.26	33.43	323	173	A	V
	*	5710	108.25	-	-	99.18	32.02	10.51	33.46	323	173	P	V
	*	5710	97.36	-	-	88.29	32.02	10.51	33.46	323	173	A	V
		5850.75	55.14	-13.06	68.2	45.7	32.3	10.62	33.48	323	173	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	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		11420	48.09	-25.91	74	53.6	39.64	16.43	61.58	100	0	P	H	
		17130	64.51	-3.69	68.2	59.29	40.53	20.7	56.01	100	0	P	H	
													H	
													H	
			11420	47.43	-26.57	74	52.94	39.64	16.43	61.58	100	0	P	V
			17130	60.11	-8.09	68.2	54.89	40.53	20.7	56.01	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	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 138 5690MHz		5459.59	56.71	-17.29	74	48.13	31.74	10.27	33.43	272	160	P	H
		5467.78	57.16	-11.04	68.2	48.55	31.77	10.27	33.43	272	160	P	H
		5452.57	45.21	-8.79	54	36.67	31.71	10.26	33.43	272	160	A	H
	*	5690	115.69	-	-	106.72	31.94	10.49	33.46	272	160	P	H
	*	5690	105.37	-	-	96.4	31.94	10.49	33.46	272	160	A	H
		5852.25	66.07	-2.13	68.2	56.63	32.3	10.62	33.48	272	160	P	H
		5422.54	53.35	-20.65	74	44.98	31.59	10.22	33.44	310	129	P	V
		5467.39	53.01	-15.19	68.2	44.4	31.77	10.27	33.43	310	129	P	V
		5456.47	42.38	-11.62	54	33.82	31.73	10.26	33.43	310	129	A	V
	*	5690	109.8	-	-	100.83	31.94	10.49	33.46	310	129	P	V
	*	5690	98.54	-	-	89.57	31.94	10.49	33.46	310	129	A	V
		5851.25	62.27	-5.93	68.2	52.83	32.3	10.62	33.48	310	129	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	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 138 5690MHz		11380	47.07	-26.93	74	52.66	39.58	16.41	61.58	100	0	P	H	
		17070	62.28	-5.92	68.2	57.29	40.5	20.64	56.15	100	0	P	H	
													H	
													H	
			11380	46.58	-27.42	74	52.17	39.58	16.41	61.58	100	0	P	V
			17070	55.11	-13.09	68.2	50.12	40.5	20.64	56.15	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 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11ac VHT80 LF		186.17	30.55	-12.95	43.5	44.16	14.77	1.96	30.34	-	-	P	H	
		229.82	31.71	-14.29	46	43.84	16.08	2.06	30.27	-	-	P	H	
		239.52	33.02	-12.98	46	44	17.19	2.08	30.25	-	-	P	H	
		717.73	32.69	-13.31	46	31.57	26.85	3.75	29.48	-	-	P	H	
		851.59	33.24	-12.76	46	29.46	28.89	4.1	29.21	-	-	P	H	
		924.34	35.62	-10.38	46	30.83	29.52	4.34	29.07	100	0	P	H	
														H
														H
														H
														H
														H
														H
			61.04	31.65	-8.35	40	49.19	11.77	1.15	30.46	100	0	P	V
			186.17	32.97	-10.53	43.5	46.58	14.77	1.96	30.34	-	-	P	V
			194.9	34.2	-9.3	43.5	47.72	14.83	1.98	30.33	-	-	P	V
			721.61	33.82	-12.18	46	32.51	27.02	3.76	29.47	-	-	P	V
			819.58	32.59	-13.41	46	30.34	27.48	4.03	29.26	-	-	P	V
			895.24	36.84	-9.16	46	32.82	28.92	4.25	29.15	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



<Chain 2>

Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5149.5	64.19	-9.81	74	53.45	31.9	9.98	31.14	100	217	P	H	
		5150	51.9	-2.1	54	41.16	31.9	9.98	31.14	100	217	A	H	
	*	5180	115.12	-	-	104.46	31.78	10.02	31.14	100	217	P	H	
	*	5180	104.03	-	-	93.37	31.78	10.02	31.14	100	217	A	H	
													H	
													H	
			5149.24	60.88	-13.12	74	50.14	31.9	9.98	31.14	100	247	P	V
			5149.76	50.49	-3.51	54	39.75	31.9	9.98	31.14	100	247	A	V
	*		5180	112.34	-	-	101.68	31.78	10.02	31.14	100	247	P	V
	*		5180	101.13	-	-	90.47	31.78	10.02	31.14	100	247	A	V
													V	
													V	
802.11a CH 44 5220MHz		5150	56.23	-17.77	74	47.82	31.9	9.98	33.47	110	220	P	H	
		5150	44.34	-9.66	54	35.93	31.9	9.98	33.47	110	220	A	H	
	*	5220	119.21	-	-	111.03	31.58	10.06	33.46	110	220	P	H	
	*	5220	109.04	-	-	100.86	31.58	10.06	33.46	110	220	A	H	
			5360.04	59.65	-14.35	74	51.58	31.34	10.17	33.44	110	220	P	H
			5370.68	44.14	-9.86	54	36.02	31.38	10.18	33.44	110	220	A	H
			5145.86	53.04	-20.96	74	44.62	31.91	9.98	33.47	103	236	P	V
			5148.2	42.79	-11.21	54	34.38	31.9	9.98	33.47	103	236	A	V
	*		5220	116.02	-	-	107.84	31.58	10.06	33.46	103	236	P	V
	*		5220	104.94	-	-	96.76	31.58	10.06	33.46	103	236	A	V
		5435.64	53.53	-20.47	74	45.09	31.64	10.24	33.44	103	236	P	V	
		5449.92	42.67	-11.33	54	34.16	31.7	10.25	33.44	103	236	A	V	



802.11a CH 48 5240MHz		5145.34	54.91	-19.09	74	46.5	31.91	9.97	33.47	107	221	P	H
		5149.76	42.46	-11.54	54	34.05	31.9	9.98	33.47	107	221	A	H
	*	5240	119.53	-	-	111.46	31.46	10.07	33.46	107	221	P	H
	*	5240	109.3	-	-	101.23	31.46	10.07	33.46	107	221	A	H
		5358.36	59.98	-14.02	74	51.92	31.33	10.17	33.44	107	221	P	H
		5350	44.82	-9.18	54	36.8	31.3	10.16	33.44	107	221	A	H
		5098.8	52.64	-21.36	74	44.19	32	9.92	33.47	101	246	P	V
		5147.68	42.53	-11.47	54	34.12	31.9	9.98	33.47	101	246	A	V
	*	5240	116.6	-	-	108.53	31.46	10.07	33.46	101	246	P	V
	*	5240	105.49	-	-	97.42	31.46	10.07	33.46	101	246	A	V
		5350.52	55.35	-18.65	74	47.33	31.3	10.16	33.44	101	246	P	V
		5352.2	42.27	-11.73	54	34.24	31.31	10.16	33.44	101	246	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	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	47.14	-21.06	68.2	51.95	39.58	15.6	59.99	100	0	P	H
		15540	44.44	-29.56	74	44.67	38.22	19.59	58.04	100	0	P	H
													H
													H
		10360	47.85	-20.35	68.2	52.66	39.58	15.6	59.99	100	0	P	V
		15540	44.12	-29.88	74	44.35	38.22	19.59	58.04	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	47.3	-20.9	68.2	52.1	39.7	15.67	60.17	100	0	P	H
		15660	48.16	-25.84	74	48.6	37.8	19.64	57.88	100	0	P	H
													H
													H
		10440	47.85	-20.35	68.2	52.65	39.7	15.67	60.17	100	0	P	V
		15660	45.75	-28.25	74	46.19	37.8	19.64	57.88	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	46.86	-21.34	68.2	51.72	39.7	15.7	60.26	100	0	P	H
		15720	48.12	-25.88	74	48.5	37.76	19.65	57.79	100	0	P	H
													H
													H
		10480	47.12	-21.08	68.2	51.98	39.7	15.7	60.26	100	0	P	V
		15720	45.12	-28.88	74	45.5	37.76	19.65	57.79	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	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 36 5180MHz		5149.76	65.44	-8.56	74	54.7	31.9	9.98	31.14	100	221	P	H	
		5150	52.32	-1.68	54	41.58	31.9	9.98	31.14	100	221	A	H	
	*	5180	115.25	-	-	104.59	31.78	10.02	31.14	100	221	P	H	
	*	5180	104.18	-	-	93.52	31.78	10.02	31.14	100	221	A	H	
													H	
													H	
			5150	62.93	-11.07	74	52.19	31.9	9.98	31.14	100	248	P	V
			5150	50.24	-3.76	54	39.5	31.9	9.98	31.14	100	248	A	V
	*		5180	112.06	-	-	101.4	31.78	10.02	31.14	100	248	P	V
	*		5180	101.23	-	-	90.57	31.78	10.02	31.14	100	248	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5150	62.04	-11.96	74	51.3	31.9	9.98	31.14	100	219	P	H	
		5149.5	49.35	-4.65	54	38.61	31.9	9.98	31.14	100	219	A	H	
	*	5220	123.39	-	-	112.89	31.58	10.06	31.14	100	219	P	H	
	*	5220	112.19	-	-	101.69	31.58	10.06	31.14	100	219	A	H	
			5454.4	58.54	-15.46	74	47.71	31.72	10.26	31.15	100	219	P	H
			5366.48	45.87	-8.13	54	35.48	31.37	10.17	31.15	100	219	A	H
			5149.76	58.62	-15.38	74	47.88	31.9	9.98	31.14	100	244	P	V
			5149.76	47.71	-6.29	54	36.97	31.9	9.98	31.14	100	244	A	V
	*		5220	119.59	-	-	109.09	31.58	10.06	31.14	100	244	P	V
	*		5220	108.09	-	-	97.59	31.58	10.06	31.14	100	244	A	V
		5406.24	54.97	-19.03	74	44.39	31.52	10.21	31.15	100	244	P	V	
		5360.88	44.22	-9.78	54	33.86	31.34	10.17	31.15	100	244	A	V	



802.11n HT20 CH 48 5240MHz		5146.38	56.55	-17.45	74	45.8	31.91	9.98	31.14	100	219	P	H
		5149.5	45.56	-8.44	54	34.82	31.9	9.98	31.14	100	219	A	H
	*	5240	123.99	-	-	113.6	31.46	10.07	31.14	100	219	P	H
	*	5240	112.29	-	-	101.9	31.46	10.07	31.14	100	219	A	H
		5350.24	61.91	-12.09	74	51.6	31.3	10.16	31.15	100	219	P	H
		5350.24	46.63	-7.37	54	36.32	31.3	10.16	31.15	100	219	A	H
		5139.62	55.78	-18.22	74	45.03	31.92	9.97	31.14	100	245	P	V
		5148.98	45	-9	54	34.26	31.9	9.98	31.14	100	245	A	V
	*	5240	119.99	-	-	109.6	31.46	10.07	31.14	100	245	P	V
	*	5240	108.59	-	-	98.2	31.46	10.07	31.14	100	245	A	V
		5352.2	56.59	-17.41	74	46.27	31.31	10.16	31.15	100	245	P	V
		5353.04	44.32	-9.68	54	34	31.31	10.16	31.15	100	245	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	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 36 5180MHz		10360	47.34	-20.86	68.2	52.15	39.58	15.6	59.99	100	0	P	H
		15540	44.81	-29.19	74	45.04	38.22	19.59	58.04	100	0	P	H
													H
													H
		10360	48.1	-20.1	68.2	52.91	39.58	15.6	59.99	100	0	P	V
		15540	43.64	-30.36	74	43.87	38.22	19.59	58.04	100	0	P	V
													V
802.11n HT20 CH 44 5220MHz		10440	48.17	-20.03	68.2	52.97	39.7	15.67	60.17	100	0	P	H
		15660	48.29	-25.71	74	48.73	37.8	19.64	57.88	100	0	P	H
													H
													H
		10440	46.92	-21.28	68.2	51.72	39.7	15.67	60.17	100	0	P	V
		15660	45.47	-28.53	74	45.91	37.8	19.64	57.88	100	0	P	V
													V
802.11n HT20 CH 48 5240MHz		10480	47.09	-21.11	68.2	51.95	39.7	15.7	60.26	100	0	P	H
		15720	48.86	-25.14	74	49.24	37.76	19.65	57.79	100	0	P	H
													H
													H
		10480	46.22	-21.98	68.2	51.08	39.7	15.7	60.26	100	0	P	V
		15720	44.95	-29.05	74	45.33	37.76	19.65	57.79	100	0	P	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	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		5150	63.82	-10.18	74	53.08	31.9	9.98	31.14	100	223	P	H
		5149.76	52.17	-1.83	54	41.43	31.9	9.98	31.14	100	223	A	H
	*	5190	108.17	-	-	97.54	31.74	10.03	31.14	100	223	P	H
	*	5190	97.21	-	-	86.58	31.74	10.03	31.14	100	223	A	H
		5437.32	55.49	-18.51	74	44.75	31.65	10.24	31.15	100	223	P	H
		5453	43.48	-10.52	54	32.66	31.71	10.26	31.15	100	223	A	H
		5150	61.69	-12.31	74	50.95	31.9	9.98	31.14	100	246	P	V
		5150	51.3	-2.7	54	40.56	31.9	9.98	31.14	100	246	A	V
	*	5190	105.99	-	-	95.36	31.74	10.03	31.14	100	246	P	V
	*	5190	95.24	-	-	84.61	31.74	10.03	31.14	100	246	A	V
		5386.36	53.79	-20.21	74	43.3	31.45	10.19	31.15	100	246	P	V
		5384.4	42.46	-11.54	54	31.98	31.44	10.19	31.15	100	246	A	V
802.11n HT40 CH 46 5230MHz		5146.12	65.09	-8.91	74	54.34	31.91	9.98	31.14	100	220	P	H
		5148.72	52.74	-1.26	54	42	31.9	9.98	31.14	100	220	A	H
	*	5230	118.94	-	-	108.5	31.52	10.06	31.14	100	220	P	H
		5352.2	63.19	-10.81	74	52.87	31.31	10.16	31.15	100	220	P	H
		5350.52	51.02	-2.98	54	40.71	31.3	10.16	31.15	100	220	A	H
													H
		5145.86	60.82	-13.18	74	50.07	31.91	9.98	31.14	100	246	P	V
		5149.5	50.71	-3.29	54	39.97	31.9	9.98	31.14	100	246	A	V
	*	5230	115.34	-	-	104.9	31.52	10.06	31.14	100	246	P	V
	*	5230	104.54	-	-	94.1	31.52	10.06	31.14	100	246	A	V
	5351.36	58.5	-15.5	74	48.18	31.31	10.16	31.15	100	246	P	V	
	5352.48	46.67	-7.33	54	36.35	31.31	10.16	31.15	100	246	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	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		10380	48.27	-19.93	68.2	53.05	39.64	15.62	60.04	100	0	P	H
		15570	44.46	-29.54	74	44.85	38.01	19.6	58	100	0	P	H
													H
													H
		10380	47.22	-20.98	68.2	52	39.64	15.62	60.04	100	0	P	V
		15570	44.27	-29.73	74	44.66	38.01	19.6	58	100	0	P	V
													V
802.11n HT40 CH 46 5230MHz		10460	46.89	-21.31	68.2	51.72	39.7	15.68	60.21	100	0	P	H
		15690	46.51	-27.49	74	46.9	37.8	19.64	57.83	100	0	P	H
													H
													H
		10460	46.1	-22.1	68.2	50.93	39.7	15.68	60.21	100	0	P	V
		15690	46.17	-27.83	74	46.56	37.8	19.64	57.83	100	0	P	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	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		5148.46	62.28	-11.72	74	51.54	31.9	9.98	31.14	100	221	P	H
		5150	52.23	-1.77	54	41.49	31.9	9.98	31.14	100	221	A	H
	*	5210	105.3	-	-	94.75	31.64	10.05	31.14	100	221	P	H
	*	5210	94.95	-	-	84.4	31.64	10.05	31.14	100	221	A	H
		5423.88	54.82	-19.18	74	44.14	31.6	10.23	31.15	100	221	P	H
		5363.68	43.85	-10.15	54	33.48	31.35	10.17	31.15	100	221	A	H
		5145.6	60.88	-13.12	74	50.14	31.91	9.97	31.14	100	252	P	V
		5147.68	50.22	-3.78	54	39.48	31.9	9.98	31.14	100	252	A	V
	*	5210	101.98	-	-	91.43	31.64	10.05	31.14	100	252	P	V
	*	5210	91.73	-	-	81.18	31.64	10.05	31.14	100	252	A	V
		5458.88	54.12	-19.88	74	43.27	31.74	10.26	31.15	100	252	P	V
		5452.44	42.62	-11.38	54	31.8	31.71	10.26	31.15	100	252	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	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		10420	47.6	-20.6	68.2	52.37	39.7	15.65	60.12	100	0	P	H
		15630	45.36	-28.64	74	45.86	37.8	19.62	57.92	100	0	P	H
													H
													H
		10420	47.11	-21.09	68.2	51.88	39.7	15.65	60.12	100	0	P	V
		15630	44.42	-29.58	74	44.92	37.8	19.62	57.92	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5119	56.02	-17.98	74	45.26	31.96	9.94	31.14	100	219	P	H
		5148.58	44.54	-9.46	54	33.8	31.9	9.98	31.14	100	219	A	H
	*	5260	123.12	-	-	112.8	31.38	10.09	31.15	100	219	P	H
	*	5260	111.82	-	-	101.5	31.38	10.09	31.15	100	219	A	H
		5358.48	62.43	-11.57	74	52.08	31.33	10.17	31.15	100	219	P	H
		5351.04	49.1	-4.9	54	38.79	31.3	10.16	31.15	100	219	A	H
		5074.46	55.04	-18.96	74	44.39	31.9	9.89	31.14	105	250	P	V
		5140.42	44.38	-9.62	54	33.63	31.92	9.97	31.14	105	250	A	V
	*	5260	118.32	-	-	108	31.38	10.09	31.15	105	250	P	V
	*	5260	107.82	-	-	97.5	31.38	10.09	31.15	105	250	A	V
		5357.04	57.37	-16.63	74	47.02	31.33	10.17	31.15	105	250	P	V
		5350.8	45.79	-8.21	54	35.48	31.3	10.16	31.15	105	250	A	V
802.11a CH 60 5300MHz		5111.52	55.35	-18.65	74	44.58	31.98	9.93	31.14	100	219	P	H
		5145.18	44.27	-9.73	54	33.53	31.91	9.97	31.14	100	219	A	H
	*	5300	120.18	-	-	109.91	31.3	10.12	31.15	100	219	P	H
	*	5300	109.18	-	-	98.91	31.3	10.12	31.15	100	219	A	H
		5352.72	63.91	-10.09	74	53.59	31.31	10.16	31.15	100	219	P	H
		5356.8	51.92	-2.08	54	41.57	31.33	10.17	31.15	100	219	A	H
													V
													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	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	47.08	-21.12	68.2	51.96	39.74	15.73	60.35	100	0	P	H
		15780	48.3	-25.7	74	48.69	37.64	19.68	57.71	100	0	P	H
													H
													H
		10520	47.74	-20.46	68.2	52.62	39.74	15.73	60.35	100	0	P	V
		15780	46.27	-27.73	74	46.66	37.64	19.68	57.71	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	47.6	-26.4	74	52.44	39.9	15.8	60.54	100	0	P	H
		15900	44.28	-29.72	74	44.79	37.3	19.73	57.54	100	0	P	H
													H
													H
		10600	47.15	-26.85	74	51.99	39.9	15.8	60.54	100	0	P	V
		15900	43.4	-30.6	74	43.91	37.3	19.73	57.54	100	0	P	V
													V
													V
802.11a CH 64 5320MHz													H
													H
													H
													H
													V
													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	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 52 5260MHz		5136.34	55.93	-18.07	74	45.18	31.93	9.96	31.14	100	220	P	H	
		5146.88	44.55	-9.45	54	33.8	31.91	9.98	31.14	100	220	A	H	
	*	5260	124.02	-	-	113.7	31.38	10.09	31.15	100	220	P	H	
	*	5260	112.52	-	-	102.2	31.38	10.09	31.15	100	220	A	H	
		5354.64	62.52	-11.48	74	52.19	31.32	10.16	31.15	100	220	P	H	
		5350.08	47.79	-6.21	54	37.48	31.3	10.16	31.15	100	220	A	H	
		5114.24	55.14	-18.86	74	44.37	31.97	9.94	31.14	100	249	P	V	
		5146.54	44.39	-9.61	54	33.64	31.91	9.98	31.14	100	249	A	V	
	*	5260	119.92	-	-	109.6	31.38	10.09	31.15	100	249	P	V	
	*	5260	108.42	-	-	98.1	31.38	10.09	31.15	100	249	A	V	
		5352.96	56.84	-17.16	74	46.52	31.31	10.16	31.15	100	249	P	V	
		5352	44.77	-9.23	54	34.45	31.31	10.16	31.15	100	249	A	V	
802.11n HT20 CH 60 5300MHz		5127.5	56.26	-17.74	74	45.51	31.94	9.95	31.14	100	220	P	H	
		5145.86	44.34	-9.66	54	33.59	31.91	9.98	31.14	100	220	A	H	
	*	5300	119.77	-	-	109.5	31.3	10.12	31.15	100	220	P	H	
		5353.68	68.66	-5.34	74	58.34	31.31	10.16	31.15	100	220	P	H	
		5351.52	52.07	-1.93	54	41.75	31.31	10.16	31.15	100	220	A	H	
														H
		5115.26	55.73	-18.27	74	44.96	31.97	9.94	31.14	100	250	P	V	
		5142.8	44.17	-9.83	54	33.43	31.91	9.97	31.14	100	250	A	V	
	*	5300	115.87	-	-	105.6	31.3	10.12	31.15	100	250	P	V	
	*	5300	104.67	-	-	94.4	31.3	10.12	31.15	100	250	A	V	
	5350.08	62.82	-11.18	74	52.51	31.3	10.16	31.15	100	250	P	V		
	5351.52	47.95	-6.05	54	37.63	31.31	10.16	31.15	100	250	A	V		



802.11n HT20 CH 64 5320MHz	*	5320	117.41	-	-	107.12	31.3	10.14	31.15	105	219	P	H
	*	5320	105.97	-	-	95.68	31.3	10.14	31.15	105	219	A	H
		5350.56	67.63	-6.37	74	57.32	31.3	10.16	31.15	105	219	P	H
		5350.08	52.24	-1.76	54	41.93	31.3	10.16	31.15	105	219	A	H
													H
													H
	*	5320	112.2	-	-	101.91	31.3	10.14	31.15	100	251	P	V
	*	5320	101.17	-	-	90.88	31.3	10.14	31.15	100	251	A	V
		5354.4	62.72	-11.28	74	52.39	31.32	10.16	31.15	100	251	P	V
		5350.08	48.3	-5.7	54	37.99	31.3	10.16	31.15	100	251	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	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 52 5260MHz													H
													H
													H
													H
													V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	47.8	-26.2	74	52.64	39.9	15.8	60.54	100	0	P	H
		15900	44.97	-29.03	74	45.48	37.3	19.73	57.54	100	0	P	H
													H
													H
		10600	47.9	-26.1	74	52.74	39.9	15.8	60.54	100	0	P	V
		15900	44.61	-29.39	74	45.12	37.3	19.73	57.54	100	0	P	V
													V
802.11n HT20 CH 64 5320MHz		10640	47.33	-26.67	74	52.29	39.86	15.82	60.64	100	0	P	H
		15960	48.95	-25.05	74	49.31	37.36	19.74	57.46	100	0	P	H
													H
													H
		10640	47.23	-26.77	74	52.19	39.86	15.82	60.64	100	0	P	V
		15960	45.53	-28.47	74	45.89	37.36	19.74	57.46	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	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		5092.48	55.51	-18.49	74	44.77	31.97	9.91	31.14	100	219	P	H
		5146.54	45.48	-8.52	54	34.73	31.91	9.98	31.14	100	219	A	H
	*	5270	116.31	-	-	106	31.36	10.1	31.15	100	219	P	H
	*	5270	105.71	-	-	95.4	31.36	10.1	31.15	100	219	A	H
		5353.92	67.09	-6.91	74	56.76	31.32	10.16	31.15	100	219	P	H
		5352	52.73	-1.27	54	42.41	31.31	10.16	31.15	100	219	P	H
		5047.26	55.53	-18.47	74	45.03	31.78	9.86	31.14	100	249	P	V
		5147.9	44.97	-9.03	54	34.23	31.9	9.98	31.14	100	249	A	V
	*	5270	112.31	-	-	102	31.36	10.1	31.15	100	249	P	V
	*	5270	101.51	-	-	91.2	31.36	10.1	31.15	100	249	A	V
		5354.16	61.27	-12.73	74	50.94	31.32	10.16	31.15	100	249	P	V
		5351.52	48.55	-5.45	54	38.23	31.31	10.16	31.15	100	249	A	V
802.11n HT40 CH 62 5310MHz		5104.72	53.82	-20.18	74	43.04	31.99	9.93	31.14	100	220	P	H
		5149.6	42.5	-11.5	54	31.76	31.9	9.98	31.14	100	220	A	H
	*	5310	110.18	-	-	99.9	31.3	10.13	31.15	100	220	P	H
	*	5310	99.36	-	-	89.08	31.3	10.13	31.15	100	220	A	H
		5358	66.53	-7.47	74	56.18	31.33	10.17	31.15	100	220	P	H
		5350.56	51.54	-2.46	54	41.23	31.3	10.16	31.15	100	220	A	H
		5135.66	53.49	-20.51	74	42.74	31.93	9.96	31.14	100	250	P	V
		5147.22	42.24	-11.76	54	31.49	31.91	9.98	31.14	100	250	A	V
	*	5310	105.63	-	-	95.35	31.3	10.13	31.15	100	250	P	V
	*	5310	94.64	-	-	84.36	31.3	10.13	31.15	100	250	A	V
	5357.04	61.82	-12.18	74	51.47	31.33	10.17	31.15	100	250	P	V	
	5350.8	47.23	-6.77	54	36.92	31.3	10.16	31.15	100	250	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	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	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		10540	48.18	-20.02	68.2	53.05	39.78	15.75	60.4	100	0	P	H
		15810	47.36	-26.64	74	47.77	37.57	19.69	57.67	100	0	P	H
													H
													H
		10540	48.18	-20.02	68.2	53.05	39.78	15.75	60.4	100	0	P	V
		15810	45.63	-28.37	74	46.04	37.57	19.69	57.67	100	0	P	V
													V
802.11n HT40 CH 62 5310MHz		10620	47.07	-26.93	74	51.98	39.88	15.8	60.59	100	0	P	H
		15930	45.88	-28.12	74	46.31	37.33	19.74	57.5	100	0	P	H
													H
													H
		10620	46.41	-27.59	74	51.32	39.88	15.8	60.59	100	0	P	V
		15930	45.25	-28.75	74	45.68	37.33	19.74	57.5	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	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 58 5290MHz		5117.64	53.54	-20.46	74	42.78	31.96	9.94	31.14	100	223	P	H
		5131.92	42.55	-11.45	54	31.79	31.94	9.96	31.14	100	223	A	H
	*	5290	104.99	-	-	94.71	31.32	10.11	31.15	100	223	P	H
	*	5290	94.43	-	-	84.15	31.32	10.11	31.15	100	223	A	H
		5357.04	62.94	-11.06	74	52.59	31.33	10.17	31.15	100	223	P	H
		5350.32	51.56	-2.44	54	41.25	31.3	10.16	31.15	100	223	A	H
		5139.06	53.87	-20.13	74	43.12	31.92	9.97	31.14	100	244	P	V
		5143.14	42.18	-11.82	54	31.44	31.91	9.97	31.14	100	244	A	V
	*	5290	100.98	-	-	90.7	31.32	10.11	31.15	100	244	P	V
	*	5290	90.13	-	-	79.85	31.32	10.11	31.15	100	244	A	V
		5356.8	57.75	-16.25	74	47.4	31.33	10.17	31.15	100	244	P	V
	5350.32	46.6	-7.4	54	36.29	31.3	10.16	31.15	100	244	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	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 58 5290MHz		10580	47.47	-20.73	68.2	52.32	39.86	15.78	60.49	100	0	P	H	
		15870	45.79	-28.21	74	46.27	37.39	19.71	57.58	100	0	P	H	
													H	
													H	
			10580	47.33	-20.87	68.2	52.18	39.86	15.78	60.49	100	0	P	V
			15870	44.58	-29.42	74	45.06	37.39	19.71	57.58	100	0	P	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBµV/m)	(dB)	Limit Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
					(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 100 5500MHz		5459.98	59.67	-14.33	74	48.81	31.74	10.27	31.15	103	217	P	H	
		5469.2	62.92	-5.28	68.2	52.01	31.78	10.28	31.15	103	217	P	H	
		5460	48.51	-5.49	54	37.65	31.74	10.27	31.15	103	217	A	H	
	*	5500	118.14	-	-	107.08	31.9	10.31	31.15	103	217	P	H	
	*	5500	107	-	-	95.94	31.9	10.31	31.15	103	217	A	H	
														H
			5458.16	56.35	-17.65	74	45.51	31.73	10.26	31.15	106	236	P	V
			5469.68	59.48	-8.72	68.2	48.57	31.78	10.28	31.15	106	236	P	V
			5458.8	45.44	-8.56	54	34.59	31.74	10.26	31.15	106	236	A	V
	*		5500	113.18	-	-	102.12	31.9	10.31	31.15	106	236	P	V
	*		5500	102.63	-	-	91.57	31.9	10.31	31.15	106	236	A	V
														V
802.11a CH 116 5580MHz		5450.8	57.69	-16.31	74	46.88	31.7	10.26	31.15	100	218	P	H	
		5469.28	58.02	-10.18	68.2	47.11	31.78	10.28	31.15	100	218	P	H	
		5452.72	46.31	-7.69	54	35.49	31.71	10.26	31.15	100	218	A	H	
	*	5580	123.15	-	-	112.15	31.8	10.4	31.2	100	218	P	H	
	*	5580	113.2	-	-	102.2	31.8	10.4	31.2	100	218	A	H	
			5730.035	59.33	-8.87	68.2	48.01	32.06	10.52	31.26	100	218	P	H
			5448.16	56.73	-17.27	74	45.94	31.69	10.25	31.15	100	236	P	V
			5468.32	56.57	-11.63	68.2	45.67	31.77	10.28	31.15	100	236	P	V
			5452.72	44.77	-9.23	54	33.95	31.71	10.26	31.15	100	236	A	V
	*		5580	118.89	-	-	107.89	31.8	10.4	31.2	100	236	P	V
	*		5580	107.87	-	-	96.87	31.8	10.4	31.2	100	236	A	V
			5747.99	60.15	-8.05	68.2	48.78	32.1	10.54	31.27	100	236	P	V



802.11a CH 140 5700MHz	*	5700	117.08	-	-	105.83	32	10.5	31.25	100	144	P	H
	*	5700	105.98	-	-	94.73	32	10.5	31.25	100	144	A	H
		5725	65.42	-2.78	68.2	54.11	32.05	10.52	31.26	100	144	P	H
													H
													H
													H
	*	5700	110.37	-	-	99.12	32	10.5	31.25	113	235	P	V
	*	5700	100.03	-	-	88.78	32	10.5	31.25	113	235	A	V
		5725.08	60.28	-7.92	68.2	48.97	32.05	10.52	31.26	113	235	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	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	48.5	-25.5	74	53.7	40.2	16.1	61.5	100	0	P	H
		16500	50.92	-17.28	68.2	48.64	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	48.23	-25.77	74	53.43	40.2	16.1	61.5	100	0	P	V
		16500	45.93	-22.27	68.2	43.65	39.4	20.18	57.3	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.16	-27.84	74	51.84	39.62	16.23	61.53	100	0	P	H
		16740	48.17	-20.03	68.2	44.22	40.4	20.37	56.82	100	0	P	H
													H
													H
		11160	45.82	-28.18	74	51.5	39.62	16.23	61.53	100	0	P	V
		16740	47.18	-21.02	68.2	43.23	40.4	20.37	56.82	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	47.94	-26.06	74	53.5	39.6	16.42	61.58	100	0	P	H
		17100	49.59	-18.61	68.2	44.5	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	46.93	-27.07	74	52.49	39.6	16.42	61.58	100	0	P	V
		17100	48.14	-20.06	68.2	43.05	40.5	20.67	56.08	100	0	P	V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	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 100 5500MHz		5459.76	66.59	-7.41	74	55.73	31.74	10.27	31.15	105	218	P	H	
		5465.68	67.09	-1.11	68.2	56.21	31.76	10.27	31.15	105	218	P	H	
		5460	48.74	-5.26	54	37.88	31.74	10.27	31.15	105	218	A	H	
	*	5500	117.23	-	-	106.17	31.9	10.31	31.15	105	218	P	H	
	*	5500	105.66	-	-	94.6	31.9	10.31	31.15	105	218	A	H	
														H
			5459.76	61.84	-12.16	74	50.98	31.74	10.27	31.15	107	236	P	V
			5468.72	63.27	-4.93	68.2	52.37	31.77	10.28	31.15	107	236	P	V
			5458.96	45.41	-8.59	54	34.56	31.74	10.26	31.15	107	236	A	V
	*		5500	112.49	-	-	101.43	31.9	10.31	31.15	107	236	P	V
	*		5500	100.98	-	-	89.92	31.9	10.31	31.15	107	236	A	V
													V	
802.11n HT20 CH 116 5580MHz		5458.24	57.78	-16.22	74	49.22	31.73	10.26	33.43	100	216	P	H	
		5469.52	59.73	-8.47	68.2	51.1	31.78	10.28	33.43	100	216	P	H	
		5452.96	42.94	-11.06	54	34.4	31.71	10.26	33.43	100	216	A	H	
	*	5580	123.62	-	-	114.86	31.8	10.4	33.44	100	216	P	H	
	*	5580	112.68	-	-	103.92	31.8	10.4	33.44	100	216	A	H	
			5747.045	58.27	-9.93	68.2	49.1	32.09	10.54	33.46	100	216	P	H
			5403.76	53.36	-20.64	74	45.08	31.52	10.2	33.44	100	236	P	V
			5465.44	53.07	-15.13	68.2	44.47	31.76	10.27	33.43	100	236	P	V
			5452.96	42.26	-11.74	54	33.72	31.71	10.26	33.43	100	236	A	V
	*		5580	119.35	-	-	110.59	31.8	10.4	33.44	100	236	P	V
	*		5580	107.7	-	-	98.94	31.8	10.4	33.44	100	236	A	V
		5761.535	54.03	-14.17	68.2	44.83	32.12	10.55	33.47	100	236	P	V	



802.11n HT20 CH 140 5700MHz	*	5700	116.15	-	-	104.9	32	10.5	31.25	100	215	P	H
	*	5700	104.94	-	-	93.69	32	10.5	31.25	100	215	A	H
		5738.6	66.98	-1.22	68.2	55.64	32.08	10.53	31.27	100	215	P	H
													H
													H
													H
	*	5700	109.68	-	-	98.43	32	10.5	31.25	105	238	P	V
	*	5700	98.22	-	-	86.97	32	10.5	31.25	105	238	A	V
		5730.6	60.1	-8.1	68.2	48.79	32.06	10.52	31.27	105	238	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	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 100 5500MHz		11000	47.66	-26.34	74	52.86	40.2	16.1	61.5	100	0	P	H
		16500	48.47	-19.73	68.2	46.19	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	46.93	-27.07	74	52.13	40.2	16.1	61.5	100	0	P	V
		16500	45.13	-23.07	68.2	42.85	39.4	20.18	57.3	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	45.95	-28.05	74	51.63	39.62	16.23	61.53	100	0	P	H
		16740	54.55	-13.65	68.2	50.6	40.4	20.37	56.82	100	0	P	H
													H
													H
		11160	45.75	-28.25	74	51.43	39.62	16.23	61.53	100	0	P	V
		16740	52.85	-15.35	68.2	48.9	40.4	20.37	56.82	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	46.74	-27.26	74	52.3	39.6	16.42	61.58	100	0	P	H
		17100	47.74	-20.46	68.2	42.65	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	46.49	-27.51	74	52.05	39.6	16.42	61.58	100	0	P	V
		17100	47.37	-20.83	68.2	42.28	40.5	20.67	56.08	100	0	P	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	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 102 5510MHz		5455.12	65.78	-8.22	74	57.23	31.72	10.26	33.43	100	216	P	H
		5464.24	66.93	-1.27	68.2	58.33	31.76	10.27	33.43	100	216	P	H
		5458.96	50.26	-3.74	54	41.69	31.74	10.26	33.43	100	216	A	H
	*	5510	114.29	-	-	105.52	31.88	10.32	33.43	100	216	P	H
	*	5510	103.66	-	-	94.89	31.88	10.32	33.43	100	216	A	H
		5753.345	56.13	-12.07	68.2	46.95	32.11	10.54	33.47	100	216	P	H
		5455.12	62.33	-11.67	74	53.78	31.72	10.26	33.43	101	236	P	V
		5463.04	63.08	-5.12	68.2	54.49	31.75	10.27	33.43	101	236	P	V
		5458.48	47.17	-6.83	54	38.61	31.73	10.26	33.43	101	236	A	V
	*	5510	109.17	-	-	100.4	31.88	10.32	33.43	101	236	P	V
	*	5510	99.13	-	-	90.36	31.88	10.32	33.43	101	236	A	V
		5746.415	56.41	-11.79	68.2	47.24	32.09	10.54	33.46	101	236	P	V
802.11n HT40 CH 110 5550MHz		5458.72	62.54	-11.46	74	53.98	31.73	10.26	33.43	100	216	P	H
		5465.92	64.4	-3.8	68.2	55.8	31.76	10.27	33.43	100	216	P	H
		5459.92	52.26	-1.74	54	43.68	31.74	10.27	33.43	100	216	A	H
	*	5550	119.64	-	-	110.92	31.8	10.36	33.44	100	216	P	H
	*	5550	109.11	-	-	100.39	31.8	10.36	33.44	100	216	A	H
		5742.32	55.91	-12.29	68.2	46.76	32.08	10.53	33.46	100	216	P	H
		5451.04	59.52	-14.48	74	50.99	31.7	10.26	33.43	100	235	P	V
		5469.76	61.62	-6.58	68.2	52.99	31.78	10.28	33.43	100	235	P	V
		5457.52	49.04	-4.96	54	40.48	31.73	10.26	33.43	100	235	A	V
	*	5550	115.06	-	-	106.34	31.8	10.36	33.44	100	235	P	V
	*	5550	104.22	-	-	95.5	31.8	10.36	33.44	100	235	A	V
		5747.045	55.05	-13.15	68.2	45.88	32.09	10.54	33.46	100	235	P	V



802.11n HT40 CH 134 5670MHz		5434	54.75	-19.25	74	46.31	31.64	10.24	33.44	104	212	P	H
		5469.7	53.15	-15.05	68.2	44.52	31.78	10.28	33.43	104	212	P	H
		5452.9	43.13	-10.87	54	34.59	31.71	10.26	33.43	104	212	A	H
	*	5670	114.57	-	-	105.72	31.82	10.48	33.45	104	212	P	H
	*	5670	103.62	-	-	94.77	31.82	10.48	33.45	104	212	A	H
		5730.175	67.07	-1.13	68.2	57.95	32.06	10.52	33.46	104	212	P	H
		5414.4	53	-21	74	44.66	31.56	10.22	33.44	107	233	P	V
		5460.95	52.37	-15.83	68.2	43.79	31.74	10.27	33.43	107	233	P	V
		5453.25	42.66	-11.34	54	34.12	31.71	10.26	33.43	107	233	A	V
	*	5670	108.86	-	-	100.01	31.82	10.48	33.45	107	233	P	V
	*	5670	97.83	-	-	88.98	31.82	10.48	33.45	107	233	A	V
	5729.825	59.65	-8.55	68.2	50.53	32.06	10.52	33.46	107	233	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	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 102 5510MHz		11020	47.97	-26.03	74	53.23	40.12	16.12	61.5	100	0	P	H
		16530	44.99	-23.21	68.2	42.63	39.4	20.2	57.24	100	0	P	H
													H
													H
		11020	47.78	-26.22	74	53.04	40.12	16.12	61.5	100	0	P	V
		16530	44.86	-23.34	68.2	42.5	39.4	20.2	57.24	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	46.35	-27.65	74	51.89	39.8	16.18	61.52	100	0	P	H
		16650	53.8	-14.4	68.2	50.7	39.8	20.3	57	100	0	P	H
													H
													H
		11100	46.38	-27.62	74	51.92	39.8	16.18	61.52	100	0	P	V
		16650	50.25	-17.95	68.2	47.15	39.8	20.3	57	100	0	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	46.41	-27.59	74	52.06	39.54	16.38	61.57	100	0	P	H
		17010	46.73	-21.47	68.2	41.92	40.5	20.59	56.28	100	0	P	H
													H
													H
		11340	46.16	-27.84	74	51.81	39.54	16.38	61.57	100	0	P	V
		17010	46.82	-21.38	68.2	42.01	40.5	20.59	56.28	100	0	P	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	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 106 5530MHz		5452	62.35	-11.65	74	53.81	31.71	10.26	33.43	100	218	P	H
		5469.04	63.86	-4.34	68.2	55.23	31.78	10.28	33.43	100	218	P	H
		5459.68	51.81	-2.19	54	43.23	31.74	10.27	33.43	100	218	A	H
	*	5530	110.58	-	-	101.83	31.84	10.34	33.43	100	218	P	H
	*	5530	100.29	-	-	91.54	31.84	10.34	33.43	100	218	A	H
		5744.84	55.86	-12.34	68.2	46.69	32.09	10.54	33.46	100	218	P	H
		5452.48	58.97	-15.03	74	50.43	31.71	10.26	33.43	106	237	P	V
		5469.52	60.26	-7.94	68.2	51.63	31.78	10.28	33.43	106	237	P	V
		5459.68	47.9	-6.1	54	39.32	31.74	10.27	33.43	106	237	A	V
	*	5530	105.28	-	-	96.53	31.84	10.34	33.43	106	237	P	V
	*	5530	95.3	-	-	86.55	31.84	10.34	33.43	106	237	A	V
	5751.77	53.74	-14.46	68.2	44.57	32.1	10.54	33.47	106	237	P	V	
802.11ac VHT80 CH 122 5610MHz		5457.52	60.78	-13.22	74	52.22	31.73	10.26	33.43	100	218	P	H
		5465.92	62.06	-6.14	68.2	53.46	31.76	10.27	33.43	100	218	P	H
		5458	50.24	-3.76	54	41.68	31.73	10.26	33.43	100	218	A	H
	*	5610	114.86	-	-	106.1	31.78	10.43	33.45	100	218	P	H
	*	5610	104.12	-	-	95.36	31.78	10.43	33.45	100	218	A	H
		5726.885	66.93	-1.27	68.2	57.82	32.05	10.52	33.46	100	218	P	H
		5458.96	56.95	-17.05	74	48.38	31.74	10.26	33.43	110	235	P	V
		5466.16	59.33	-8.87	68.2	50.73	31.76	10.27	33.43	110	235	P	V
		5456.8	46.71	-7.29	54	38.15	31.73	10.26	33.43	110	235	A	V
	*	5610	109.4	-	-	100.64	31.78	10.43	33.45	110	235	P	V
	*	5610	98.73	-	-	89.97	31.78	10.43	33.45	110	235	A	V
	5731.61	60.15	-8.05	68.2	51.02	32.06	10.53	33.46	110	235	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI	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 106 5530MHz		11060	47.36	-26.64	74	52.76	39.96	16.15	61.51	100	0	P	H
		16590	45.09	-23.11	68.2	42.56	39.4	20.25	57.12	100	0	P	H
													H
													H
		11060	46.27	-27.73	74	51.67	39.96	16.15	61.51	100	0	P	V
		16590	45	-23.2	68.2	42.47	39.4	20.25	57.12	100	0	P	V
													V
802.11ac VHT80 CH 122 5610MHz		11220	44.45	-29.55	74	50.21	39.5	16.28	61.54	100	0	P	H
		16830	45.04	-23.16	68.2	40.71	40.52	20.45	56.64	100	0	P	H
													H
													H
		11220	44.63	-29.37	74	50.39	39.5	16.28	61.54	100	0	P	V
		16830	45.69	-22.51	68.2	41.36	40.52	20.45	56.64	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5436.58	55.41	-18.59	74	44.67	31.65	10.24	31.15	100	143	P	H
		5464.27	56.5	-11.7	68.2	45.62	31.76	10.27	31.15	100	143	P	H
		5458.81	44.37	-9.63	54	33.52	31.74	10.26	31.15	100	143	A	H
	*	5720	122.82	-	-	111.52	32.04	10.52	31.26	100	143	P	H
	*	5720	112.42	-	-	101.12	32.04	10.52	31.26	100	143	A	H
		5861.75	61.16	-7.04	68.2	49.54	32.32	10.63	31.33	100	143	P	H
		5361.7	55.29	-18.71	74	44.92	31.35	10.17	31.15	103	237	P	V
		5468.95	55.62	-12.58	68.2	44.71	31.78	10.28	31.15	103	237	P	V
		5448.67	44.51	-9.49	54	33.72	31.69	10.25	31.15	103	237	A	V
	*	5720	117.26	-	-	105.96	32.04	10.52	31.26	103	237	P	V
	*	5720	106.29	-	-	94.99	32.04	10.52	31.26	103	237	A	V
		5865.25	57.25	-10.95	68.2	45.62	32.33	10.63	31.33	103	237	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)**

WIFI	Note	Frequency (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	45.94	-28.06	74	51.4	39.68	16.45	61.59	100	0	P	H
		17160	50.26	-17.94	68.2	44.94	40.56	20.71	55.95	100	0	P	H
													H
													H
		11440	46.06	-27.94	74	51.52	39.68	16.45	61.59	100	0	P	V
		17160	47.96	-20.24	68.2	42.64	40.56	20.71	55.95	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	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		5452.57	53.59	-20.41	74	45.05	31.71	10.26	33.43	100	213	P	H
		5462.71	53.21	-14.99	68.2	44.62	31.75	10.27	33.43	100	213	P	H
		5419.81	42.37	-11.63	54	34.01	31.58	10.22	33.44	100	213	A	H
	*	5720	121.73	-	-	112.63	32.04	10.52	33.46	100	213	P	H
	*	5720	111.42	-	-	102.32	32.04	10.52	33.46	100	213	A	H
		5947.25	55.15	-13.05	68.2	45.36	32.59	10.69	33.49	100	213	P	H
		5458.03	52.91	-21.09	74	44.35	31.73	10.26	33.43	100	230	P	V
		5469.34	51.36	-16.84	68.2	42.73	31.78	10.28	33.43	100	230	P	V
		5450.62	42.06	-11.94	54	33.53	31.7	10.26	33.43	100	230	A	V
	*	5720	116.13	-	-	107.03	32.04	10.52	33.46	100	230	P	V
	*	5720	104.52	-	-	95.42	32.04	10.52	33.46	100	230	A	V
		5902	54.65	-13.55	68.2	45.07	32.41	10.66	33.49	100	230	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	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		11440	45.84	-28.16	74	51.3	39.68	16.45	61.59	100	0	P	H	
		17160	56.72	-11.48	68.2	51.4	40.56	20.71	55.95	100	0	P	H	
													H	
													H	
			11440	45.34	-28.66	74	50.8	39.68	16.45	61.59	100	0	P	V
			17160	48.73	-19.47	68.2	43.41	40.56	20.71	55.95	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	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		5400.31	54.23	-19.77	74	45.97	31.5	10.2	33.44	100	212	P	H
		5465.44	53.58	-14.62	68.2	44.98	31.76	10.27	33.43	100	212	P	H
		5456.47	43.09	-10.91	54	34.53	31.73	10.26	33.43	100	212	A	H
	*	5710	120	-	-	110.93	32.02	10.51	33.46	100	212	P	H
	*	5710	109.56	-	-	100.49	32.02	10.51	33.46	100	212	A	H
		5856.25	58.29	-9.91	68.2	48.84	32.31	10.62	33.48	100	212	P	H
		5422.93	52.92	-21.08	74	44.54	31.59	10.23	33.44	106	141	P	V
		5468.95	52.58	-15.62	68.2	43.95	31.78	10.28	33.43	106	141	P	V
		5433.07	42.36	-11.64	54	33.93	31.63	10.24	33.44	106	141	A	V
	*	5710	112.02	-	-	102.95	32.02	10.51	33.46	106	141	P	V
	*	5710	101.15	-	-	92.08	32.02	10.51	33.46	106	141	A	V
		5921	54.42	-13.78	68.2	44.76	32.48	10.67	33.49	106	141	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	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		11420	47.24	-26.76	74	52.75	39.64	16.43	61.58	100	0	P	H	
		17130	52.05	-16.15	68.2	46.83	40.53	20.7	56.01	100	0	P	H	
													H	
													H	
			11420	46.52	-27.48	74	52.03	39.64	16.43	61.58	100	0	P	V
			17130	48.06	-20.14	68.2	42.84	40.53	20.7	56.01	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	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 138 5690MHz		5456.86	58.09	-15.91	74	49.53	31.73	10.26	33.43	100	214	P	H
		5466.22	57.83	-10.37	68.2	49.23	31.76	10.27	33.43	100	214	P	H
		5457.25	45.97	-8.03	54	37.41	31.73	10.26	33.43	100	214	A	H
	*	5690	116.53	-	-	107.56	31.94	10.49	33.46	100	214	P	H
	*	5690	105.65	-	-	96.68	31.94	10.49	33.46	100	214	A	H
		5852.25	64.74	-3.46	68.2	55.3	32.3	10.62	33.48	100	214	P	H
		5458.42	54.24	-19.76	74	45.68	31.73	10.26	33.43	100	237	P	V
		5462.71	54.64	-13.56	68.2	46.05	31.75	10.27	33.43	100	237	P	V
		5452.96	43.96	-10.04	54	35.42	31.71	10.26	33.43	100	237	A	V
	*	5690	110.42	-	-	101.45	31.94	10.49	33.46	100	237	P	V
	*	5690	99.89	-	-	90.92	31.94	10.49	33.46	100	237	A	V
		5852	57.45	-10.75	68.2	48.01	32.3	10.62	33.48	100	237	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	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 138 5690MHz		11380	46.84	-27.16	74	52.43	39.58	16.41	61.58	100	0	P	H	
		17070	48.32	-19.88	68.2	43.33	40.5	20.64	56.15	100	0	P	H	
													H	
													H	
			11380	46.3	-27.7	74	51.89	39.58	16.41	61.58	100	0	P	V
			17070	47.93	-20.27	68.2	42.94	40.5	20.64	56.15	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 HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11n HT20 LF		186.17	30.71	-12.79	43.5	44.32	14.77	1.96	30.34	-	-	P	H	
		194.9	31.33	-12.17	43.5	44.85	14.83	1.98	30.33	-	-	P	H	
		229.82	31.71	-14.29	46	43.84	16.08	2.06	30.27	-	-	P	H	
		717.73	34.96	-11.04	46	33.84	26.85	3.75	29.48	-	-	P	H	
		886.51	34.24	-11.76	46	30.21	28.97	4.22	29.16	-	-	P	H	
		942.77	35.69	-10.31	46	30.01	30.29	4.41	29.02	100	0	P	H	
														H
														H
														H
														H
														H
														H
			60.07	31.44	-8.56	40	48.98	11.78	1.14	30.46	100	0	P	V
			186.17	33.4	-10.1	43.5	47.01	14.77	1.96	30.34	-	-	P	V
			194.9	34.33	-9.17	43.5	47.85	14.83	1.98	30.33	-	-	P	V
			712.88	31.64	-14.36	46	30.77	26.62	3.74	29.49	-	-	P	V
			885.54	34.98	-11.02	46	30.95	28.97	4.22	29.16	-	-	P	V
			949.56	35.4	-10.6	46	29.4	30.56	4.44	29	-	-	P	V
														V
														V
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



MIMO <Chain 1+2>

Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5149.24	70.3	-3.7	74	59.56	31.9	9.98	31.14	100	222	P	H	
		5149.5	52.19	-1.81	54	41.45	31.9	9.98	31.14	100	222	A	H	
	*	5180	119.69	-	-	109.03	31.78	10.02	31.14	100	222	P	H	
	*	5180	109.14	-	-	98.48	31.78	10.02	31.14	100	222	A	H	
													H	
														H
			5148.98	65.13	-8.87	74	54.39	31.9	9.98	31.14	100	130	P	V
			5148.98	45.92	-8.08	54	35.18	31.9	9.98	31.14	100	130	A	V
	*		5180	112.62	-	-	101.96	31.78	10.02	31.14	100	130	P	V
	*		5180	102.24	-	-	91.58	31.78	10.02	31.14	100	130	A	V
														V
														V
802.11a CH 44 5220MHz		5146.64	58.08	-15.92	74	47.33	31.91	9.98	31.14	100	152	P	H	
		5149.76	45.39	-8.61	54	34.65	31.9	9.98	31.14	100	152	A	H	
	*	5220	122.19	-	-	111.69	31.58	10.06	31.14	100	152	P	H	
	*	5220	111.34	-	-	100.84	31.58	10.06	31.14	100	152	A	H	
			5453	55.34	-18.66	74	44.52	31.71	10.26	31.15	100	152	P	H
			5453	45.9	-8.1	54	35.08	31.71	10.26	31.15	100	152	A	H
			5149.76	54.83	-19.17	74	44.09	31.9	9.98	31.14	100	132	P	V
			5148.72	42.36	-11.64	54	31.62	31.9	9.98	31.14	100	132	A	V
	*		5220	115.25	-	-	104.75	31.58	10.06	31.14	100	132	P	V
	*		5220	104.53	-	-	94.03	31.58	10.06	31.14	100	132	A	V
			5374.04	53.27	-20.73	74	42.84	31.4	10.18	31.15	100	132	P	V
			5453.28	41.93	-12.07	54	31.11	31.71	10.26	31.15	100	132	A	V



802.11a CH 48 5240MHz		5140.14	53.8	-20.2	74	43.05	31.92	9.97	31.14	122	149	P	H
		5145.6	43.07	-10.93	54	32.33	31.91	9.97	31.14	122	149	A	H
	*	5240	121.81	-	-	111.42	31.46	10.07	31.14	122	149	P	H
	*	5240	111.15	-	-	100.76	31.46	10.07	31.14	122	149	A	H
		5358.08	55.14	-18.86	74	44.79	31.33	10.17	31.15	122	149	P	H
		5453	45.69	-8.31	54	34.87	31.71	10.26	31.15	122	149	A	H
		5149.76	53.58	-20.42	74	42.84	31.9	9.98	31.14	100	132	P	V
		5148.2	41.68	-12.32	54	30.94	31.9	9.98	31.14	100	132	A	V
	*	5240	114.98	-	-	104.59	31.46	10.07	31.14	100	132	P	V
	*	5240	104.36	-	-	93.97	31.46	10.07	31.14	100	132	A	V
		5391.12	53.12	-20.88	74	42.62	31.46	10.19	31.15	100	132	P	V
		5453.28	41.61	-12.39	54	30.79	31.71	10.26	31.15	100	132	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	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	46.54	-21.66	68.2	51.35	39.58	15.6	59.99	100	0	P	H
		15540	61.49	-12.51	74	61.72	38.22	19.59	58.04	207	155	P	H
		15540	44.69	-9.31	54	44.92	38.22	19.59	58.04	207	155	A	H
													H
		10360	46.9	-21.3	68.2	51.71	39.58	15.6	59.99	100	0	P	V
		15540	55.53	-18.47	74	55.76	38.22	19.59	58.04	205	230	P	V
		15540	38.99	-15.01	54	39.22	38.22	19.59	58.04	205	230	A	V
802.11a CH 44 5220MHz		10440	48.38	-19.82	68.2	53.18	39.7	15.67	60.17	100	0	P	H
		15660	61.95	-12.05	74	62.39	37.8	19.64	57.88	209	155	P	H
		15660	47.82	-6.18	54	48.26	37.8	19.64	57.88	209	155	A	H
													H
		10440	47	-21.2	68.2	51.8	39.7	15.67	60.17	100	0	P	V
		15660	54.43	-19.57	74	54.87	37.8	19.64	57.88	100	222	P	V
		15660	40.45	-13.55	54	40.89	37.8	19.64	57.88	100	222	A	V
802.11a CH 48 5240MHz		10480	48.06	-20.14	68.2	52.92	39.7	15.7	60.26	100	0	P	H
		15720	59.68	-14.32	74	60.06	37.76	19.65	57.79	205	157	P	H
		15720	46.18	-7.82	54	46.56	37.76	19.65	57.79	205	157	A	H
													H
		10480	46.71	-21.49	68.2	51.57	39.7	15.7	60.26	100	0	P	V
		15720	51.68	-22.32	74	52.06	37.76	19.65	57.79	209	230	P	V
		15720	39.16	-14.84	54	39.54	37.76	19.65	57.79	209	230	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 (Band Edge @ 3m)

WIFI	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 36 5180MHz		5148.72	69.66	-4.34	74	58.92	31.9	9.98	31.14	100	221	P	H	
		5150	52.17	-1.83	54	41.43	31.9	9.98	31.14	100	221	A	H	
	*	5180	119.56	-	-	108.9	31.78	10.02	31.14	100	221	P	H	
	*	5180	108.8	-	-	98.14	31.78	10.02	31.14	100	221	A	H	
													H	
														H
			5149.24	63.68	-10.32	74	52.94	31.9	9.98	31.14	100	130	P	V
			5150	45.69	-8.31	54	34.95	31.9	9.98	31.14	100	130	A	V
	*		5180	112.5	-	-	101.84	31.78	10.02	31.14	100	130	P	V
	*		5180	101.92	-	-	91.26	31.78	10.02	31.14	100	130	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5148.46	59.59	-14.41	74	48.85	31.9	9.98	31.14	100	154	P	H	
		5145.6	44.84	-9.16	54	34.1	31.91	9.97	31.14	100	154	A	H	
	*	5220	121.91	-	-	111.41	31.58	10.06	31.14	100	154	P	H	
	*	5220	111.27	-	-	100.77	31.58	10.06	31.14	100	154	A	H	
			5452.72	54.9	-19.1	74	44.08	31.71	10.26	31.15	100	154	P	H
			5453	45.69	-8.31	54	34.87	31.71	10.26	31.15	100	154	A	H
			5120.38	53.97	-20.03	74	43.21	31.96	9.94	31.14	110	131	P	V
			5150.02	42.28	-107.72	150	31.54	31.9	9.98	31.14	110	131	A	V
	*		5220	115.28	-	-	104.78	31.58	10.06	31.14	110	131	P	V
	*		5220	104.56	-	-	94.06	31.58	10.06	31.14	110	131	A	V
		5434.52	52.88	-21.12	74	42.15	31.64	10.24	31.15	110	131	P	V	
		5453	41.42	-12.58	54	30.6	31.71	10.26	31.15	110	131	A	V	



802.11n HT20 CH 48 5240MHz		5149.76	55.85	-18.15	74	45.11	31.9	9.98	31.14	101	152	P	H
		5145.6	43.32	-10.68	54	32.58	31.91	9.97	31.14	101	152	A	H
	*	5240	121.87	-	-	111.48	31.46	10.07	31.14	101	152	P	H
	*	5240	111.25	-	-	100.86	31.46	10.07	31.14	101	152	A	H
		5355.56	55.86	-18.14	74	45.53	31.32	10.16	31.15	101	152	P	H
		5453	45.44	-8.56	54	34.62	31.71	10.26	31.15	101	152	A	H
		5084.76	53.44	-20.56	74	42.74	31.94	9.9	31.14	101	131	P	V
		5144.82	41.44	-12.56	54	30.7	31.91	9.97	31.14	101	131	A	V
	*	5240	115.17	-	-	104.78	31.46	10.07	31.14	101	131	P	V
	*	5240	104.49	-	-	94.1	31.46	10.07	31.14	101	131	A	V
		5431.16	53.08	-20.92	74	42.38	31.62	10.23	31.15	101	131	P	V
		5453	41.56	-12.44	54	30.74	31.71	10.26	31.15	101	131	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	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 36 5180MHz		10440	46.69	-21.51	68.2	51.49	39.7	15.67	60.17	100	0	P	H
		15540	62.25	-11.75	74	62.48	38.22	19.59	58.04	208	156	P	H
		15540	44.78	-9.22	54	45.01	38.22	19.59	58.04	208	156	A	H
													H
		10440	46.56	-21.64	68.2	51.36	39.7	15.67	60.17	100	0	P	V
		15540	47.37	-26.63	74	47.6	38.22	19.59	58.04	100	0	P	V
802.11n HT20 CH 44 5220MHz		10440	48.94	-19.26	68.2	53.74	39.7	15.67	60.17	100	0	P	H
		15660	62.8	-11.2	74	63.24	37.8	19.64	57.88	202	156	P	H
		15660	47.27	-6.73	54	47.71	37.8	19.64	57.88	202	156	A	H
													H
		10440	46.23	-21.97	68.2	51.03	39.7	15.67	60.17	100	0	P	V
		15660	54.94	-19.06	74	55.38	37.8	19.64	57.88	101	222	P	V
		15660	40.31	-13.69	54	40.75	37.8	19.64	57.88	101	222	A	V
802.11n HT20 CH 48 5240MHz		10480	47.48	-20.72	68.2	52.34	39.7	15.7	60.26	100	0	P	H
		15720	58.24	-15.76	74	58.62	37.76	19.65	57.79	218	206	P	H
		15720	44.12	-9.88	54	44.5	37.76	19.65	57.79	218	206	A	H
													H
		10480	46.52	-21.68	68.2	51.38	39.7	15.7	60.26	100	0	P	V
		15720	53.03	-20.97	74	53.41	37.76	19.65	57.79	211	230	P	V
		15720	38.11	-15.89	54	38.49	37.76	19.65	57.79	211	230	A	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	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		5147.16	66.45	-7.55	74	55.7	31.91	9.98	31.14	100	222	P	H
		5149.76	51.65	-2.35	54	40.91	31.9	9.98	31.14	100	222	A	H
	*	5190	107.35	-	-	96.72	31.74	10.03	31.14	100	222	P	H
	*	5190	97.05	-	-	86.42	31.74	10.03	31.14	100	222	A	H
		5439.56	53.84	-20.16	74	43.09	31.66	10.24	31.15	100	222	P	H
		5376	43.92	-10.08	54	33.49	31.4	10.18	31.15	100	222	A	H
		5146.38	60.52	-13.48	74	49.77	31.91	9.98	31.14	100	129	P	V
		5148.2	45.81	-8.19	54	35.07	31.9	9.98	31.14	100	129	A	V
	*	5190	100.62	-	-	89.99	31.74	10.03	31.14	100	129	P	V
	*	5190	90.21	-	-	79.58	31.74	10.03	31.14	100	129	A	V
		5394.76	53.59	-20.41	74	43.06	31.48	10.2	31.15	100	129	P	V
		5448.8	42	-12	54	31.2	31.7	10.25	31.15	100	129	A	V
802.11n HT40 CH 46 5230MHz		5146.38	65.77	-8.23	74	55.02	31.91	9.98	31.14	127	150	P	H
		5150	50.21	-3.79	54	39.47	31.9	9.98	31.14	127	150	A	H
	*	5230	118.9	-	-	108.46	31.52	10.06	31.14	127	150	P	H
	*	5230	108.01	-	-	97.57	31.52	10.06	31.14	127	150	A	H
		5350	60.82	-13.18	74	50.51	31.3	10.16	31.15	127	150	P	H
		5350	47.23	-6.77	54	36.92	31.3	10.16	31.15	127	150	A	H
		5146.64	57.95	-16.05	74	47.2	31.91	9.98	31.14	101	131	P	V
		5149.76	46.37	-7.63	54	35.63	31.9	9.98	31.14	101	131	A	V
	*	5230	111.64	-	-	101.2	31.52	10.06	31.14	101	131	P	V
	*	5230	101.59	-	-	91.15	31.52	10.06	31.14	101	131	A	V
	5358.92	54.71	-19.29	74	44.35	31.34	10.17	31.15	101	131	P	V	
	5350	43.02	-10.98	54	32.71	31.3	10.16	31.15	101	131	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	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		10380	47.76	-20.44	68.2	52.54	39.64	15.62	60.04	100	0	P	H
		15570	43.5	-30.5	74	43.89	38.01	19.6	58	100	0	P	H
													H
													H
		10380	47.23	-20.97	68.2	52.01	39.64	15.62	60.04	100	0	P	V
		15570	43.79	-30.21	74	44.18	38.01	19.6	58	100	0	P	V
													V
802.11n HT40 CH 46 5230MHz		10460	46.34	-21.86	68.2	51.17	39.7	15.68	60.21	100	0	P	H
		15690	57.18	-16.82	74	57.57	37.8	19.64	57.83	207	156	P	H
		15690	44.83	-9.17	54	45.22	37.8	19.64	57.83	207	156	A	H
													H
		10460	46.47	-21.73	68.2	51.3	39.7	15.68	60.21	100	0	P	V
		15690	46.39	-27.61	74	46.78	37.8	19.64	57.83	100	0	P	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	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		5141.96	63.18	-10.82	74	52.43	31.92	9.97	31.14	100	151	P	H
		5144.82	51.91	-2.09	54	41.17	31.91	9.97	31.14	100	151	A	H
	*	5210	103.75	-	-	93.2	31.64	10.05	31.14	100	151	P	H
	*	5210	93.42	-	-	82.87	31.64	10.05	31.14	100	151	A	H
		5453	54.92	-19.08	74	44.1	31.71	10.26	31.15	100	151	P	H
		5453	47.02	-6.98	54	36.2	31.71	10.26	31.15	100	151	A	H
		5148.98	61.8	-12.2	74	51.06	31.9	9.98	31.14	112	226	P	V
		5148.2	49.2	-4.8	54	38.46	31.9	9.98	31.14	112	226	A	V
	*	5210	95.78	-	-	85.23	31.64	10.05	31.14	112	226	P	V
	*	5210	85.34	-	-	74.79	31.64	10.05	31.14	112	226	A	V
		5367.04	52.75	-21.25	74	42.36	31.37	10.17	31.15	112	226	P	V
	5446	42.24	-11.76	54	31.46	31.68	10.25	31.15	112	226	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	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	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		10420	46.38	-21.82	68.2	51.15	39.7	15.65	60.12	100	0	P	H
		15630	44.65	-29.35	74	45.15	37.8	19.62	57.92	100	0	P	H
													H
													H
		10420	46.24	-21.96	68.2	51.01	39.7	15.65	60.12	100	0	P	V
		15630	44.41	-29.59	74	44.91	37.8	19.62	57.92	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBµV/m)	(dB)	Limit	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
					Line	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5146.2	54.05	-19.95	74	43.3	31.91	9.98	31.14	122	149	P	H
		5145.52	42.73	-11.27	54	31.99	31.91	9.97	31.14	122	149	A	H
	*	5260	123.66	-	-	113.34	31.38	10.09	31.15	122	149	P	H
	*	5260	112.83	-	-	102.51	31.38	10.09	31.15	122	149	A	H
		5353.44	55.69	-18.31	74	45.37	31.31	10.16	31.15	122	149	P	H
		5453.04	45.7	-8.3	54	34.88	31.71	10.26	31.15	122	149	A	H
		5098.94	52.71	-21.29	74	41.93	32	9.92	31.14	100	131	P	V
		5133.28	41.66	-12.34	54	30.91	31.93	9.96	31.14	100	131	A	V
	*	5260	115.73	-	-	105.41	31.38	10.09	31.15	100	131	P	V
	*	5260	105.06	-	-	94.74	31.38	10.09	31.15	100	131	A	V
		5444.88	54.03	-19.97	74	43.25	31.68	10.25	31.15	100	131	P	V
		5452.8	41.63	-12.37	54	30.81	31.71	10.26	31.15	100	131	A	V
802.11a CH 60 5300MHz		5102	53.28	-20.72	74	42.5	32	9.92	31.14	107	150	P	H
		5145.52	42.31	-11.69	54	31.57	31.91	9.97	31.14	107	150	A	H
	*	5300	123.42	-	-	113.15	31.3	10.12	31.15	107	150	P	H
	*	5300	112.47	-	-	102.2	31.3	10.12	31.15	107	150	A	H
		5350.08	66.56	-7.44	74	56.25	31.3	10.16	31.15	107	150	P	H
		5350.08	51.6	-2.4	54	41.29	31.3	10.16	31.15	107	150	A	H
		5139.74	53.37	-20.63	74	42.62	31.92	9.97	31.14	103	232	P	V
		5149.26	41.3	-12.7	54	30.56	31.9	9.98	31.14	103	232	A	V
	*	5300	116.79	-	-	106.52	31.3	10.12	31.15	103	232	P	V
	*	5300	105.8	-	-	95.53	31.3	10.12	31.15	103	232	A	V
		5352	65.31	-8.69	74	54.99	31.31	10.16	31.15	103	232	P	V
		5350.32	47.64	-6.36	54	37.33	31.3	10.16	31.15	103	232	A	V



802.11a CH 64 5320MHz	*	5320	119.01	-	-	108.72	31.3	10.14	31.15	118	220	P	H
	*	5320	107.95	-	-	97.66	31.3	10.14	31.15	118	220	A	H
		5353.44	67.44	-6.56	74	57.12	31.31	10.16	31.15	118	220	P	H
		5350.08	52.72	-1.28	54	42.41	31.3	10.16	31.15	118	220	A	H
													H
													H
	*	5320	111.75	-	-	101.46	31.3	10.14	31.15	104	133	P	V
	*	5320	101.22	-	-	90.93	31.3	10.14	31.15	104	133	A	V
		5352.48	61.22	-12.78	74	50.9	31.31	10.16	31.15	104	133	P	V
		5350.08	46.3	-7.7	54	35.99	31.3	10.16	31.15	104	133	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	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	51.19	-17.01	68.2	56.07	39.74	15.73	60.35	100	0	P	H	
		15780	58.74	-15.26	74	59.13	37.64	19.68	57.71	100	127	P	H	
		15780	43.94	-10.06	54	44.33	37.64	19.68	57.71	100	127	A	H	
													H	
			10520	49.14	-19.06	68.2	54.02	39.74	15.73	60.35	100	0	P	V
			15780	54.58	-19.42	74	54.97	37.64	19.68	57.71	100	221	P	V
			15780	41.25	-12.75	54	41.64	37.64	19.68	57.71	100	221	A	V
802.11a CH 60 5300MHz		10600	53.66	-20.34	74	58.5	39.9	15.8	60.54	101	133	P	H	
		10600	39.56	-14.44	54	44.4	39.9	15.8	60.54	101	133	A	H	
		15900	58.09	-15.91	74	58.6	37.3	19.73	57.54	100	129	P	H	
		15900	43.7	-10.3	54	44.21	37.3	19.73	57.54	100	129	A	H	
			10600	48.07	-25.93	74	52.91	39.9	15.8	60.54	100	0	P	V
			15900	48.46	-25.54	74	48.97	37.3	19.73	57.54	100	0	P	V
														V
802.11a CH 64 5320MHz		10640	46.77	-27.23	74	51.73	39.86	15.82	60.64	100	0	P	H	
		15960	46.74	-27.26	74	47.1	37.36	19.74	57.46	100	0	P	H	
													H	
													H	
			10640	45.65	-28.35	74	50.61	39.86	15.82	60.64	100	0	P	V
			15960	43.37	-30.63	74	43.73	37.36	19.74	57.46	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	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 52 5260MHz		5149.6	54.7	-19.3	74	43.96	31.9	9.98	31.14	100	226	P	H
		5149.94	42.32	-11.68	54	31.58	31.9	9.98	31.14	100	226	A	H
	*	5260	123.25	-	-	112.93	31.38	10.09	31.15	100	226	P	H
	*	5260	112.35	-	-	102.03	31.38	10.09	31.15	100	226	A	H
		5351.52	59.53	-14.47	74	49.21	31.31	10.16	31.15	100	226	P	H
		5350.32	44.24	-9.76	54	33.93	31.3	10.16	31.15	100	226	A	H
		5147.9	53.03	-20.97	74	42.29	31.9	9.98	31.14	100	132	P	V
		5149.26	41.45	-12.55	54	30.71	31.9	9.98	31.14	100	132	A	V
	*	5260	116.58	-	-	106.26	31.38	10.09	31.15	100	132	P	V
	*	5260	105.47	-	-	95.15	31.38	10.09	31.15	100	132	A	V
		5350.56	53.58	-20.42	74	43.27	31.3	10.16	31.15	100	132	P	V
		5453.04	41.55	-12.45	54	30.73	31.71	10.26	31.15	100	132	A	V
802.11n HT20 CH 60 5300MHz		5120.36	54.13	-19.87	74	43.37	31.96	9.94	31.14	106	153	P	H
		5145.52	42.26	-11.74	54	31.52	31.91	9.97	31.14	106	153	A	H
	*	5300	123.69	-	-	113.42	31.3	10.12	31.15	106	153	P	H
	*	5300	112.6	-	-	102.33	31.3	10.12	31.15	106	153	A	H
		5350.56	69.6	-4.4	74	59.29	31.3	10.16	31.15	106	153	P	H
		5350.08	52.7	-1.3	54	42.39	31.3	10.16	31.15	106	153	A	H
		5056.44	53.37	-20.63	74	42.81	31.83	9.87	31.14	102	232	P	V
		5142.8	41.36	-12.64	54	30.62	31.91	9.97	31.14	102	232	A	V
	*	5300	117.32	-	-	107.05	31.3	10.12	31.15	102	232	P	V
	*	5300	105.99	-	-	95.72	31.3	10.12	31.15	102	232	A	V
	5355.84	66.32	-7.68	74	55.99	31.32	10.16	31.15	102	232	P	V	
	5350.08	48.48	-5.52	54	38.17	31.3	10.16	31.15	102	232	A	V	



802.11n HT20 CH 64 5320MHz	*	5320	117.56	-	-	107.27	31.3	10.14	31.15	100	221	P	H
	*	5320	106.9	-	-	96.61	31.3	10.14	31.15	100	221	A	H
		5350.08	69.42	-4.58	74	59.11	31.3	10.16	31.15	100	221	P	H
		5350.08	51.6	-2.4	54	41.29	31.3	10.16	31.15	100	221	A	H
													H
													H
	*	5320	110.37	-	-	100.08	31.3	10.14	31.15	100	131	P	V
	*	5320	99.65	-	-	89.36	31.3	10.14	31.15	100	131	A	V
		5351.68	61.74	-12.26	74	51.42	31.31	10.16	31.15	100	131	P	V
		5350.08	45.11	-8.89	54	34.8	31.3	10.16	31.15	100	131	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	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 52 5260MHz		10520	50.09	-18.11	68.2	54.97	39.74	15.73	60.35	100	0	P	H	
		15780	59.09	-14.91	74	59.48	37.64	19.68	57.71	100	127	P	H	
		15780	44.2	-9.8	54	44.59	37.64	19.68	57.71	100	127	A	H	
													H	
			10520	48.26	-19.94	68.2	53.14	39.74	15.73	60.35	100	0	P	V
			15780	57.01	-16.99	74	57.4	37.64	19.68	57.71	100	220	P	V
			15780	41.62	-12.38	54	42.01	37.64	19.68	57.71	100	220	A	V
													V	
802.11n HT20 CH 60 5300MHz		10600	53.13	-20.87	74	57.97	39.9	15.8	60.54	100	130	P	H	
		10600	39.12	-14.88	54	43.96	39.9	15.8	60.54	100	130	A	H	
		15900	58.44	-15.56	74	58.95	37.3	19.73	57.54	100	127	P	H	
		15900	43.92	-10.08	54	44.43	37.3	19.73	57.54	100	127	A	H	
		10600	49	-25	74	53.84	39.9	15.8	60.54	100	140	P	V	
		10600	35.58	-18.42	54	40.42	39.9	15.8	60.54	100	140	A	V	
		15900	56.47	-17.53	74	56.98	37.3	19.73	57.54	100	204	P	V	
	15900	41.59	-12.41	54	42.1	37.3	19.73	57.54	100	204	A	V		
802.11n HT20 CH 64 5320MHz		10640	46.78	-27.22	74	51.74	39.86	15.82	60.64	100	0	P	H	
		15960	44.91	-29.09	74	45.27	37.36	19.74	57.46	100	0	P	H	
													H	
													H	
			10640	46.68	-27.32	74	51.64	39.86	15.82	60.64	100	0	P	V
			15960	42.64	-31.36	74	43	37.36	19.74	57.46	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	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		5135.66	55.04	-18.96	74	44.29	31.93	9.96	31.14	100	220	P	H
		5145.86	43.45	-10.55	54	32.7	31.91	9.98	31.14	100	220	A	H
	*	5270	117.73	-	-	107.42	31.36	10.1	31.15	100	220	P	H
	*	5270	107.55	-	-	97.24	31.36	10.1	31.15	100	220	A	H
		5351.52	67.44	-6.56	74	57.12	31.31	10.16	31.15	100	220	P	H
		5350.32	52.52	-1.48	54	42.21	31.3	10.16	31.15	100	220	A	H
		5131.92	53.56	-20.44	74	42.8	31.94	9.96	31.14	106	123	P	V
		5147.22	42.08	-11.92	54	31.33	31.91	9.98	31.14	106	123	A	V
	*	5270	109.61	-	-	99.3	31.36	10.1	31.15	106	123	P	V
	*	5270	99.45	-	-	89.14	31.36	10.1	31.15	106	123	A	V
		5351.76	57.13	-16.87	74	46.81	31.31	10.16	31.15	106	123	P	V
		5350.56	43.73	-10.27	54	33.42	31.3	10.16	31.15	106	123	A	V
802.11n HT40 CH 62 5310MHz		5146.2	53.31	-20.69	74	42.56	31.91	9.98	31.14	107	150	P	H
		5145.52	43.34	-10.66	54	32.6	31.91	9.97	31.14	107	150	A	H
	*	5310	107.22	-	-	96.94	31.3	10.13	31.15	107	150	P	H
	*	5310	96.32	-	-	86.04	31.3	10.13	31.15	107	150	A	H
		5350.8	67.84	-6.16	74	57.53	31.3	10.16	31.15	107	150	P	H
		5350.8	51.98	-2.02	54	41.67	31.3	10.16	31.15	107	150	A	H
		5145.86	52.69	-21.31	74	41.94	31.91	9.98	31.14	130	229	P	V
		5100.64	41.8	-12.2	54	31.02	32	9.92	31.14	130	229	A	V
	*	5310	101.7	-	-	91.42	31.3	10.13	31.15	130	229	P	V
	*	5310	90.85	-	-	80.57	31.3	10.13	31.15	130	229	A	V
	5350.8	63.65	-10.35	74	53.34	31.3	10.16	31.15	130	229	P	V	
	5350.32	47.6	-6.4	54	37.29	31.3	10.16	31.15	130	229	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	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		10540	47.79	-20.41	68.2	52.66	39.78	15.75	60.4	100	0	P	H
		15810	47.3	-26.7	74	47.71	37.57	19.69	57.67	100	0	P	H
													H
													H
		10540	47.13	-21.07	68.2	52	39.78	15.75	60.4	100	0	P	V
		15810	45.24	-28.76	74	45.65	37.57	19.69	57.67	100	0	P	V
													V
802.11n HT40 CH 62 5310MHz		10620	46.47	-27.53	74	51.38	39.88	15.8	60.59	100	0	P	H
		15930	44.54	-29.46	74	44.97	37.33	19.74	57.5	100	0	P	H
													H
													H
		10620	46.86	-27.14	74	51.77	39.88	15.8	60.59	100	0	P	V
		15930	43.1	-30.9	74	43.53	37.33	19.74	57.5	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	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 58 5290MHz		5099.62	53.56	-20.44	74	42.78	32	9.92	31.14	102	221	P	H
		5146.88	42.3	-11.7	54	31.55	31.91	9.98	31.14	102	221	A	H
	*	5290	101.88	-	-	91.6	31.32	10.11	31.15	102	221	P	H
	*	5290	91.12	-	-	80.84	31.32	10.11	31.15	102	221	A	H
		5357.04	65.2	-8.8	74	54.85	31.33	10.17	31.15	102	221	P	H
		5352.96	51.92	-2.08	54	41.6	31.31	10.16	31.15	102	221	A	H
		5099.62	53.76	-20.24	74	42.98	32	9.92	31.14	121	231	P	V
		5128.52	42.06	-11.94	54	31.31	31.94	9.95	31.14	121	231	A	V
	*	5290	95.97	-	-	85.69	31.32	10.11	31.15	121	231	P	V
	*	5290	85.47	-	-	75.19	31.32	10.11	31.15	121	231	A	V
		5354.88	60.14	-13.86	74	49.81	31.32	10.16	31.15	121	231	P	V
		5355.36	47.45	-6.55	54	37.12	31.32	10.16	31.15	121	231	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	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 58 5290MHz		10580	46.57	-21.63	68.2	51.42	39.86	15.78	60.49	100	0	P	H	
		15870	42.9	-31.1	74	43.38	37.39	19.71	57.58	100	0	P	H	
													H	
													H	
			10580	46.63	-21.57	68.2	51.48	39.86	15.78	60.49	100	0	P	V
			15870	43.39	-30.61	74	43.87	37.39	19.71	57.58	100	0	P	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBµV/m)	(dB)	Limit Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
					(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 100 5500MHz		5459.44	61.58	-12.42	74	50.72	31.74	10.27	31.15	100	219	P	H	
		5467.12	66.07	-2.13	68.2	55.18	31.77	10.27	31.15	100	219	P	H	
		5460	48.83	-5.17	54	37.97	31.74	10.27	31.15	100	219	A	H	
	*	5500	119.95	-	-	108.89	31.9	10.31	31.15	100	219	P	H	
	*	5500	108.81	-	-	97.75	31.9	10.31	31.15	100	219	A	H	
														H
			5459.28	58.46	-15.54	74	47.6	31.74	10.27	31.15	108	237	P	V
			5468.4	60.64	-7.56	68.2	49.74	31.77	10.28	31.15	108	237	P	V
			5459.76	44.32	-9.68	54	33.46	31.74	10.27	31.15	108	237	A	V
	*		5500	113.24	-	-	102.18	31.9	10.31	31.15	108	237	P	V
	*		5500	102.91	-	-	91.85	31.9	10.31	31.15	108	237	A	V
														V
802.11a CH 116 5580MHz		5423.92	58.82	-15.18	74	48.14	31.6	10.23	31.15	263	141	P	H	
		5460.88	57.98	-10.22	68.2	47.12	31.74	10.27	31.15	263	141	P	H	
		5452.72	48.08	-5.92	54	37.26	31.71	10.26	31.15	263	141	A	H	
	*	5580	121.8	-	-	110.8	31.8	10.4	31.2	263	141	P	H	
	*	5580	111.28	-	-	100.28	31.8	10.4	31.2	263	141	A	H	
			5756.18	59.29	-8.91	68.2	47.92	32.11	10.54	31.28	263	141	P	H
			5452.48	58.37	-15.63	74	47.55	31.71	10.26	31.15	100	240	P	V
			5468.8	57.87	-10.33	68.2	46.96	31.78	10.28	31.15	100	240	P	V
			5452.72	46.74	-7.26	54	35.92	31.71	10.26	31.15	100	240	A	V
	*		5580	115.06	-	-	104.06	31.8	10.4	31.2	100	240	P	V
	*		5580	104.45	-	-	93.45	31.8	10.4	31.2	100	240	A	V
			5762.48	58.91	-9.29	68.2	47.52	32.12	10.55	31.28	100	240	P	V



802.11a CH 140 5700MHz	*	5700	110.29	-	-	99.04	32	10.5	31.25	109	136	P	H
	*	5700	99.57	-	-	88.32	32	10.5	31.25	109	136	A	H
		5725	66.97	-1.23	68.2	55.66	32.05	10.52	31.26	109	136	P	H
													H
													H
													H
	*	5700	100.59	-	-	89.34	32	10.5	31.25	100	130	P	V
	*	5700	89.83	-	-	78.58	32	10.5	31.25	100	130	A	V
		5725.48	59.06	-9.14	68.2	47.75	32.05	10.52	31.26	100	130	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	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	47.31	-26.69	74	52.51	40.2	16.1	61.5	100	0	P	H
		16500	49.26	-18.94	68.2	46.98	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	46.78	-27.22	74	51.98	40.2	16.1	61.5	100	0	P	V
		16500	45.54	-22.66	68.2	43.26	39.4	20.18	57.3	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.36	-27.64	74	52.04	39.62	16.23	61.53	100	0	P	H
		16740	64.97	-3.23	68.2	61.02	40.4	20.37	56.82	100	128	P	H
													H
													H
		11160	47.15	-26.85	74	52.83	39.62	16.23	61.53	100	0	P	V
		16740	56.22	-11.98	68.2	52.27	40.4	20.37	56.82	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	44.28	-29.72	74	49.84	39.6	16.42	61.58	100	0	P	H
		17100	46.56	-21.64	68.2	41.47	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	45.22	-28.78	74	50.78	39.6	16.42	61.58	100	0	P	V
		17100	46.36	-21.84	68.2	41.27	40.5	20.67	56.08	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	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 100 5500MHz		5458.64	62.65	-11.35	74	51.81	31.73	10.26	31.15	102	222	P	H	
		5470	66.44	-1.76	68.2	55.53	31.78	10.28	31.15	102	222	P	H	
		5460	48.44	-5.56	54	37.58	31.74	10.27	31.15	102	222	A	H	
	*	5500	117.72	-	-	106.66	31.9	10.31	31.15	102	222	P	H	
	*	5500	107.06	-	-	96	31.9	10.31	31.15	102	222	A	H	
														H
			5459.92	62.35	-11.65	74	51.49	31.74	10.27	31.15	106	237	P	V
			5469.52	63.61	-4.59	68.2	52.7	31.78	10.28	31.15	106	237	P	V
			5452.56	44.23	-9.77	54	33.41	31.71	10.26	31.15	106	237	A	V
	*		5500	111.74	-	-	100.68	31.9	10.31	31.15	106	237	P	V
	*		5500	101.32	-	-	90.26	31.9	10.31	31.15	106	237	A	V
													V	
802.11n HT20 CH 116 5580MHz		5452.96	54.43	-19.57	74	43.61	31.71	10.26	31.15	264	141	P	H	
		5469.52	54.79	-13.41	68.2	43.88	31.78	10.28	31.15	264	141	P	H	
		5452.72	44.95	-9.05	54	34.13	31.71	10.26	31.15	264	141	A	H	
	*	5580	121.69	-	-	110.69	31.8	10.4	31.2	264	141	P	H	
	*	5580	110.8	-	-	99.8	31.8	10.4	31.2	264	141	A	H	
			5730.35	56.28	-11.92	68.2	44.97	32.06	10.52	31.27	264	141	P	H
			5451.28	53.18	-20.82	74	42.36	31.71	10.26	31.15	100	238	P	V
			5466.88	52.5	-15.7	68.2	41.61	31.77	10.27	31.15	100	238	P	V
			5452.96	41.53	-12.47	54	30.71	31.71	10.26	31.15	100	238	A	V
	*		5580	114.36	-	-	103.36	31.8	10.4	31.2	100	238	P	V
	*		5580	103.82	-	-	92.82	31.8	10.4	31.2	100	238	A	V
		5759.645	52.91	-15.29	68.2	41.52	32.12	10.55	31.28	100	238	P	V	



802.11n HT20 CH 140 5700MHz	*	5700	115.53	-	-	104.28	32	10.5	31.25	100	140	P	H
	*	5700	105.24	-	-	93.99	32	10.5	31.25	100	140	A	H
		5726.52	65.82	-2.38	68.2	54.51	32.05	10.52	31.26	100	140	P	H
													H
													H
													H
	*	5700	104.9	-	-	93.65	32	10.5	31.25	100	130	P	V
	*	5700	94.38	-	-	83.13	32	10.5	31.25	100	130	A	V
		5734.52	57.93	-10.27	68.2	46.6	32.07	10.53	31.27	100	130	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	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 100 5500MHz		11000	46.89	-27.11	74	52.09	40.2	16.1	61.5	100	0	P	H
		16500	47.54	-20.66	68.2	45.26	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	46.96	-27.04	74	52.16	40.2	16.1	61.5	100	0	P	V
		16500	44.44	-23.76	68.2	42.16	39.4	20.18	57.3	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	45.47	-28.53	74	51.15	39.62	16.23	61.53	100	0	P	H
		16740	65.09	-3.11	68.2	61.14	40.4	20.37	56.82	100	123	P	H
													H
													H
		11160	45.94	-28.06	74	51.62	39.62	16.23	61.53	100	0	P	V
		16740	52.64	-15.56	68.2	48.69	40.4	20.37	56.82	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	45.2	-28.8	74	50.76	39.6	16.42	61.58	100	0	P	H
		17100	47.99	-20.21	68.2	42.9	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	45.13	-28.87	74	50.69	39.6	16.42	61.58	100	0	P	V
		17100	47.65	-20.55	68.2	42.56	40.5	20.67	56.08	100	0	P	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	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 102 5510MHz		5459.2	63.25	-10.75	74	52.39	31.74	10.27	31.15	100	217	P	H
		5469.52	66.64	-1.56	68.2	55.73	31.78	10.28	31.15	100	217	P	H
		5459.2	46.66	-7.34	54	35.8	31.74	10.27	31.15	100	217	A	H
	*	5510	108.63	-	-	97.59	31.88	10.32	31.16	100	217	P	H
	*	5510	98.48	-	-	87.44	31.88	10.32	31.16	100	217	A	H
		5753.66	53.69	-14.51	68.2	42.31	32.11	10.54	31.27	100	217	P	H
		5457.28	59.4	-14.6	74	48.56	31.73	10.26	31.15	100	237	P	V
		5466.64	61.27	-6.93	68.2	50.38	31.77	10.27	31.15	100	237	P	V
		5459.92	43.45	-10.55	54	32.59	31.74	10.27	31.15	100	237	A	V
	*	5510	102.07	-	-	91.03	31.88	10.32	31.16	100	237	P	V
	*	5510	92.44	-	-	81.4	31.88	10.32	31.16	100	237	A	V
		5742.635	53.28	-14.92	68.2	41.93	32.09	10.53	31.27	100	237	P	V
802.11n HT40 CH 110 5550MHz		5458.24	65.68	-8.32	74	54.84	31.73	10.26	31.15	100	123	P	H
		5469.76	67.07	-1.13	68.2	56.16	31.78	10.28	31.15	100	123	P	H
		5458	50.62	-3.38	54	39.78	31.73	10.26	31.15	100	123	A	H
	*	5550	119.34	-	-	108.35	31.8	10.36	31.17	100	123	P	H
	*	5550	109.18	-	-	98.19	31.8	10.36	31.17	100	123	A	H
		5758.7	55.44	-12.76	68.2	44.05	32.12	10.55	31.28	100	123	P	H
		5442.88	53.21	-20.79	74	42.44	31.67	10.25	31.15	249	112	P	V
		5468.32	54.19	-14.01	68.2	43.29	31.77	10.28	31.15	249	112	P	V
		5446.72	42.44	-11.56	54	31.65	31.69	10.25	31.15	249	112	A	V
	*	5550	109.47	-	-	98.48	31.8	10.36	31.17	249	112	P	V
	*	5550	99.44	-	-	88.45	31.8	10.36	31.17	249	112	A	V
		5742.635	52.71	-15.49	68.2	41.36	32.09	10.53	31.27	249	112	P	V



802.11n HT40 CH 134 5670MHz		5437.5	54.07	-19.93	74	43.33	31.65	10.24	31.15	100	139	P	H
		5469	53.65	-14.55	68.2	42.74	31.78	10.28	31.15	100	139	P	H
		5452.9	44.37	-9.63	54	33.55	31.71	10.26	31.15	100	139	A	H
	*	5670	114.1	-	-	103.03	31.82	10.48	31.23	100	139	P	H
	*	5670	104.27	-	-	93.2	31.82	10.48	31.23	100	139	A	H
		5725.275	66.74	-1.46	68.2	55.43	32.05	10.52	31.26	100	139	P	H
		5434	52.5	-21.5	74	41.77	31.64	10.24	31.15	101	128	P	V
		5461.65	52.85	-15.35	68.2	41.98	31.75	10.27	31.15	101	128	P	V
		5434	41.93	-12.07	54	31.2	31.64	10.24	31.15	101	128	A	V
	*	5670	103.17	-	-	92.1	31.82	10.48	31.23	101	128	P	V
	*	5670	92.73	-	-	81.66	31.82	10.48	31.23	101	128	A	V
		5730.35	57.75	-10.45	68.2	46.44	32.06	10.52	31.27	101	128	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	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 102 5510MHz		11020	46.81	-27.19	74	52.07	40.12	16.12	61.5	100	0	P	H
		16530	44.81	-23.39	68.2	42.45	39.4	20.2	57.24	100	0	P	H
													H
													H
		11020	47.65	-26.35	74	52.91	40.12	16.12	61.5	100	0	P	V
		16530	43.9	-24.3	68.2	41.54	39.4	20.2	57.24	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	46.38	-27.62	74	51.92	39.8	16.18	61.52	100	0	P	H
		16650	54.78	-13.42	68.2	51.68	39.8	20.3	57	100	0	P	H
													H
													H
		11100	46.41	-27.59	74	51.95	39.8	16.18	61.52	100	0	P	V
		16650	53.26	-14.94	68.2	50.16	39.8	20.3	57	100	0	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	45.41	-28.59	74	51.06	39.54	16.38	61.57	100	0	P	H
		17010	45.48	-22.72	68.2	40.67	40.5	20.59	56.28	100	0	P	H
													H
													H
		11340	45.01	-28.99	74	50.66	39.54	16.38	61.57	100	0	P	V
		17010	45.19	-23.01	68.2	40.38	40.5	20.59	56.28	100	0	P	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)
802.11ac VHT80 CH 106 5530MHz		5455.84	64.65	-9.35	74	53.82	31.72	10.26	31.15	100	122	P	H
		5467.6	65.54	-2.66	68.2	54.65	31.77	10.27	31.15	100	122	P	H
		5457.76	52.87	-1.13	54	42.03	31.73	10.26	31.15	100	122	P	H
	*	5530	105.89	-	-	94.88	31.84	10.34	31.17	100	122	P	H
	*	5530	94.8	-	-	83.79	31.84	10.34	31.17	100	122	A	H
		5760.59	55.12	-13.08	68.2	43.73	32.12	10.55	31.28	100	122	P	H
		5456.8	62.09	-11.91	74	51.25	31.73	10.26	31.15	102	238	P	V
		5460.88	62.39	-5.81	68.2	51.53	31.74	10.27	31.15	102	238	P	V
		5459.92	49.55	-4.45	54	38.69	31.74	10.27	31.15	102	238	A	V
	*	5530	99.96	-	-	88.95	31.84	10.34	31.17	102	238	P	V
	*	5530	89.39	-	-	78.38	31.84	10.34	31.17	102	238	A	V
	5729.72	53.36	-14.84	68.2	42.04	32.06	10.52	31.26	102	238	P	V	
802.11ac VHT80 CH 122 5610MHz		5455.12	56.98	-17.02	74	46.15	31.72	10.26	31.15	114	137	P	H
		5464	57.31	-10.89	68.2	46.43	31.76	10.27	31.15	114	137	P	H
		5452.72	46.07	-7.93	54	35.25	31.71	10.26	31.15	114	137	A	H
	*	5610	112.4	-	-	101.4	31.78	10.43	31.21	114	137	P	H
	*	5610	102	-	-	91	31.78	10.43	31.21	114	137	A	H
		5731.925	67.04	-1.16	68.2	55.72	32.06	10.53	31.27	114	137	P	H
		5455.84	55.43	-18.57	74	44.6	31.72	10.26	31.15	102	240	P	V
		5469.04	54.8	-13.4	68.2	43.89	31.78	10.28	31.15	102	240	P	V
		5452.72	43.46	-10.54	54	32.64	31.71	10.26	31.15	102	240	A	V
	*	5610	104.53	-	-	93.53	31.78	10.43	31.21	102	240	P	V
	*	5610	94.42	-	-	83.42	31.78	10.43	31.21	102	240	A	V
	5731.925	58	-10.2	68.2	46.68	32.06	10.53	31.27	102	240	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	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 106 5530MHz		11060	45.9	-28.1	74	51.3	39.96	16.15	61.51	100	0	P	H
		16590	44.61	-23.59	68.2	42.08	39.4	20.25	57.12	100	0	P	H
													H
													H
		11060	45.92	-28.08	74	51.32	39.96	16.15	61.51	100	0	P	V
		16590	45.11	-23.09	68.2	42.58	39.4	20.25	57.12	100	0	P	V
													V
802.11ac VHT80 CH 122 5610MHz		11220	45.48	-28.52	74	51.24	39.5	16.28	61.54	100	0	P	H
		16830	46.87	-21.33	68.2	42.54	40.52	20.45	56.64	100	0	P	H
													H
													H
		11220	46.27	-27.73	74	52.03	39.5	16.28	61.54	100	0	P	V
		16830	46.9	-21.3	68.2	42.57	40.52	20.45	56.64	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5454.13	58.16	-15.84	74	47.33	31.72	10.26	31.15	261	141	P	H
		5470.12	58.1	-91.9	150	47.19	31.78	10.28	31.15	261	141	P	H
		5452.96	47.27	-6.73	54	36.45	31.71	10.26	31.15	261	141	A	H
	*	5720	123.51	-	-	112.21	32.04	10.52	31.26	261	141	P	H
	*	5720	112.25	-	-	100.95	32.04	10.52	31.26	261	141	A	H
		5892	60.55	-7.65	68.2	48.86	32.38	10.65	31.34	261	141	P	H
		5436.58	58.38	-15.62	74	47.64	31.65	10.24	31.15	100	130	P	V
		5465.44	58.2	-10	68.2	47.32	31.76	10.27	31.15	100	130	P	V
		5459.59	46.55	-7.45	54	35.69	31.74	10.27	31.15	100	130	A	V
	*	5720	112.32	-	-	101.02	32.04	10.52	31.26	100	130	P	V
	*	5720	101.46	-	-	90.16	32.04	10.52	31.26	100	130	A	V
		5941.5	59.31	-8.89	68.2	47.42	32.57	10.69	31.37	100	130	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)**

WIFI	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	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	45.8	-28.2	74	51.26	39.68	16.45	61.59	100	0	P	H
		17160	64.93	-3.27	68.2	59.61	40.56	20.71	55.95	100	125	P	H
													H
													H
		11440	44.68	-29.32	74	50.14	39.68	16.45	61.59	100	0	P	V
		17160	54.64	-13.56	68.2	49.32	40.56	20.71	55.95	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)

Table with 14 columns: WIFI, 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). Rows include test results for 802.11n HT20 CH 144 5720MHz and a Remark section.



Band 3 - Straddle Channel
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	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		11440	46.3	-27.7	74	51.76	39.68	16.45	61.59	100	0	P	H	
		17160	65	-3.2	68.2	59.68	40.56	20.71	55.95	100	127	P	H	
													H	
													H	
			11440	44.91	-29.09	74	50.37	39.68	16.45	61.59	100	0	P	V
			17160	54.83	-13.37	68.2	49.51	40.56	20.71	55.95	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	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		5452.57	52.53	-21.47	74	41.71	31.71	10.26	31.15	102	140	P	H
		5466.22	52.99	-15.21	68.2	42.11	31.76	10.27	31.15	102	140	P	H
		5452.96	43.8	-10.2	54	32.98	31.71	10.26	31.15	102	140	A	H
	*	5710	121.19	-	-	109.92	32.02	10.51	31.26	102	140	P	H
	*	5710	110.38	-	-	99.11	32.02	10.51	31.26	102	140	A	H
		5851.75	65.15	-3.05	68.2	53.55	32.3	10.62	31.32	102	140	P	H
		5458.42	52.99	-21.01	74	42.15	31.73	10.26	31.15	100	131	P	V
		5462.71	51.99	-16.21	68.2	41.12	31.75	10.27	31.15	100	131	P	V
		5438.14	41.96	-12.04	54	31.22	31.65	10.24	31.15	100	131	A	V
	*	5710	111.18	-	-	99.91	32.02	10.51	31.26	100	131	P	V
	*	5710	100.51	-	-	89.24	32.02	10.51	31.26	100	131	A	V
		5852.25	55.11	-13.09	68.2	43.51	32.3	10.62	31.32	100	131	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	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		11420	46.09	-27.91	74	51.6	39.64	16.43	61.58	100	0	P	H	
		17130	65.11	-3.09	68.2	59.89	40.53	20.7	56.01	100	124	P	H	
													H	
													H	
			11420	46.7	-27.3	74	52.21	39.64	16.43	61.58	100	0	P	V
			17130	52.91	-15.29	68.2	47.69	40.53	20.7	56.01	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	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 138 5690MHz		5452.96	53.8	-20.2	74	42.98	31.71	10.26	31.15	115	145	P	H
		5469.73	53.08	-15.12	68.2	42.17	31.78	10.28	31.15	115	145	P	H
		5452.57	43.35	-10.65	54	32.53	31.71	10.26	31.15	115	145	A	H
	*	5690	114.22	-	-	103.04	31.94	10.49	31.25	115	145	P	H
	*	5690	103.94	-	-	92.76	31.94	10.49	31.25	115	145	A	H
		5852	64.62	-3.58	68.2	53.02	32.3	10.62	31.32	115	145	P	H
		5409.67	52.65	-21.35	74	42.05	31.54	10.21	31.15	100	130	P	V
		5466.61	52.66	-15.54	68.2	41.77	31.77	10.27	31.15	100	130	P	V
		5452.57	41.83	-12.17	54	31.01	31.71	10.26	31.15	100	130	A	V
	*	5690	104.3	-	-	93.12	31.94	10.49	31.25	100	130	P	V
	*	5690	94.16	-	-	82.98	31.94	10.49	31.25	100	130	A	V
	5851	55.22	-12.98	68.2	43.62	32.3	10.62	31.32	100	130	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)	
802.11ac VHT80 CH 138 5690MHz		11380	45.46	-28.54	74	51.05	39.58	16.41	61.58	100	0	P	H	
		17070	47.51	-20.69	68.2	42.52	40.5	20.64	56.15	100	0	P	H	
													H	
													H	
			11380	45.81	-28.19	74	51.4	39.58	16.41	61.58	100	0	P	V
			17070	46.42	-21.78	68.2	41.43	40.5	20.64	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.													



Emission below 1GHz

WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11ac VHT80 LF		185.2	29.94	-13.56	43.5	43.55	14.78	1.95	30.34	-	-	P	H	
		194.9	31.6	-11.9	43.5	45.12	14.83	1.98	30.33	-	-	P	H	
		243.4	30.79	-15.21	46	41.3	17.63	2.1	30.24	-	-	P	H	
		802.12	33	-13	46	30.41	27.89	3.99	29.29	-	-	P	H	
		893.3	39.99	-6.01	46	35.96	28.94	4.24	29.15	100	0	P	H	
		953.44	35.77	-10.23	46	29.6	30.7	4.45	28.98	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													H	
			61.04	32.97	-7.03	40	50.51	11.77	1.15	30.46	100	0	P	V
			88.2	30.57	-12.93	43.5	45.29	14.34	1.38	30.44	-	-	P	V
			194.9	34.74	-8.76	43.5	48.26	14.83	1.98	30.33	-	-	P	V
			717.73	34.08	-11.92	46	32.96	26.85	3.75	29.48	-	-	P	V
			848.68	32.87	-13.13	46	29.16	28.83	4.1	29.22	-	-	P	V
			895.24	37.46	-8.54	46	33.44	28.92	4.25	29.15	-	-	P	V
														V
													V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



Note symbol

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



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		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		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”.



<For Antenna 2>

<Chain 1>

Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5073.84	53.91	-20.09	74	45.59	31.9	9.89	33.47	203	323	P	H	
		5134.16	41.03	-12.97	54	32.61	31.93	9.96	33.47	203	323	A	H	
	*	5180	103.88	-	-	95.54	31.78	10.02	33.46	203	323	P	H	
	*	5180	94.06	-	-	85.72	31.78	10.02	33.46	203	323	A	H	
													H	
														H
			5149.24	63.17	-10.83	74	54.76	31.9	9.98	33.47	306	17	P	V
			5149.76	45.58	-8.42	54	37.17	31.9	9.98	33.47	306	17	A	V
	*		5180	112.53	-	-	104.19	31.78	10.02	33.46	306	17	P	V
	*		5180	102.9	-	-	94.56	31.78	10.02	33.46	306	17	A	V
														V
														V
802.11a CH 44 5220MHz		5049.92	54.12	-19.88	74	45.94	31.8	9.86	33.48	201	319	P	H	
		5135.72	41.04	-12.96	54	32.62	31.93	9.96	33.47	201	319	A	H	
	*	5220	102.97	-	-	94.79	31.58	10.06	33.46	201	319	P	H	
	*	5220	93.49	-	-	85.31	31.58	10.06	33.46	201	319	A	H	
			5400.08	53.53	-20.47	74	45.27	31.5	10.2	33.44	201	319	P	H
			5454.68	40.93	-13.07	54	32.38	31.72	10.26	33.43	201	319	A	H
			5146.64	54.71	-19.29	74	46.29	31.91	9.98	33.47	300	168	P	V
			5148.46	41.68	-12.32	54	33.27	31.9	9.98	33.47	300	168	A	V
	*		5220	112.92	-	-	104.74	31.58	10.06	33.46	300	168	P	V
	*		5220	103.89	-	-	95.71	31.58	10.06	33.46	300	168	A	V
			5357.8	54.28	-19.72	74	46.22	31.33	10.17	33.44	300	168	P	V
			5442.92	41.18	-12.82	54	32.7	31.67	10.25	33.44	300	168	A	V



802.11a CH 48 5240MHz		5121.94	54.96	-19.04	74	46.52	31.96	9.95	33.47	307	321	P	H
		5146.9	41.07	-12.93	54	32.65	31.91	9.98	33.47	307	321	A	H
	*	5240	102.2	-	-	94.13	31.46	10.07	33.46	307	321	P	H
	*	5240	92.44	-	-	84.37	31.46	10.07	33.46	307	321	A	H
		5445.44	53.81	-20.19	74	45.32	31.68	10.25	33.44	307	321	P	H
		5452.72	40.86	-13.14	54	32.32	31.71	10.26	33.43	307	321	A	H
		5095.94	54.49	-19.51	74	46.06	31.98	9.92	33.47	400	327	P	V
		5139.1	41.16	-12.84	54	32.74	31.92	9.97	33.47	400	327	A	V
	*	5240	111.88	-	-	103.81	31.46	10.07	33.46	400	327	P	V
	*	5240	101.75	-	-	93.68	31.46	10.07	33.46	400	327	A	V
		5400.36	54.9	-19.1	74	46.64	31.5	10.2	33.44	400	327	P	V
		5381.88	41.29	-12.71	54	33.11	31.43	10.19	33.44	400	327	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	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	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	47.52	-20.68	68.2	52.33	39.58	15.6	59.99	100	0	P	H	
		15540	61.07	-12.93	74	61.3	38.22	19.59	58.04	176	333	P	H	
		15540	46.28	-7.72	54	46.51	38.22	19.59	58.04	176	333	A	H	
													H	
		10360	47.13	-21.07	68.2	51.94	39.58	15.6	59.99	100	0	P	V	
		15540	59.69	-14.31	74	59.92	38.22	19.59	58.04	100	319	P	V	
		15540	44.52	-9.48	54	44.75	38.22	19.59	58.04	100	319	A	V	
														V
802.11a CH 44 5220MHz		10440	46.93	-21.27	68.2	51.73	39.7	15.67	60.17	100	0	P	H	
		15660	62.56	-11.44	74	63	37.8	19.64	57.88	181	332	P	H	
		15660	47.09	-6.91	54	47.53	37.8	19.64	57.88	181	332	A	H	
													H	
		10440	46.83	-21.37	68.2	51.63	39.7	15.67	60.17	100	0	P	V	
		15660	61.05	-12.95	74	61.49	37.8	19.64	57.88	302	312	P	V	
		15660	45.74	-8.26	54	46.18	37.8	19.64	57.88	302	312	A	V	
														V
802.11a CH 48 5240MHz		10480	47.92	-20.28	68.2	52.78	39.7	15.7	60.26	100	0	P	H	
		15720	48.16	-25.84	74	48.54	37.76	19.65	57.79	100	0	P	H	
													H	
													H	
		10480	47.34	-20.86	68.2	52.2	39.7	15.7	60.26	100	0	P	V	
		15720	46.32	-27.68	74	46.7	37.76	19.65	57.79	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	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 36 5180MHz		5138.32	54.11	-19.89	74	45.69	31.92	9.97	33.47	203	322	P	H	
		5112.32	40.99	-13.01	54	32.55	31.98	9.93	33.47	203	322	A	H	
	*	5180	103.78	-	-	95.44	31.78	10.02	33.46	203	322	P	H	
	*	5180	93.58	-	-	85.24	31.78	10.02	33.46	203	322	A	H	
													H	
													H	
			5148.98	63.05	-10.95	74	54.64	31.9	9.98	33.47	308	17	P	V
			5150	45.77	-8.23	54	37.36	31.9	9.98	33.47	308	17	A	V
		*	5180	111.92	-	-	103.58	31.78	10.02	33.46	308	17	P	V
		*	5180	101.3	-	-	92.96	31.78	10.02	33.46	308	17	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5145.08	53.42	-20.58	74	45.01	31.91	9.97	33.47	224	318	P	H	
		5141.44	40.99	-13.01	54	32.57	31.92	9.97	33.47	224	318	A	H	
		* 5220	104.71	-	-	96.53	31.58	10.06	33.46	224	318	P	H	
		* 5220	94.06	-	-	85.88	31.58	10.06	33.46	224	318	A	H	
			5405.12	54.24	-19.76	74	45.95	31.52	10.21	33.44	224	318	P	H
			5445.44	40.77	-13.23	54	32.28	31.68	10.25	33.44	224	318	A	H
			5149.24	56.05	-17.95	74	47.64	31.9	9.98	33.47	319	167	P	V
			5146.38	41.59	-12.41	54	33.17	31.91	9.98	33.47	319	167	A	V
		*	5220	112.22	-	-	104.04	31.58	10.06	33.46	319	167	P	V
		*	5220	101.71	-	-	93.53	31.58	10.06	33.46	319	167	A	V
		5425.56	54.35	-19.65	74	45.96	31.6	10.23	33.44	319	167	P	V	
		5452.16	41.25	-12.75	54	32.71	31.71	10.26	33.43	319	167	A	V	



802.11n HT20 CH 48 5240MHz		5123.24	54.02	-19.98	74	45.59	31.95	9.95	33.47	308	321	P	H
		5138.06	40.93	-13.07	54	32.51	31.92	9.97	33.47	308	321	A	H
	*	5240	102.19	-	-	94.12	31.46	10.07	33.46	308	321	P	H
	*	5240	91.8	-	-	83.73	31.46	10.07	33.46	308	321	A	H
		5443.76	53.98	-20.02	74	45.49	31.68	10.25	33.44	308	321	P	H
		5423.04	40.82	-13.18	54	32.44	31.59	10.23	33.44	308	321	A	H
		5147.94	55.12	-18.88	74	46.71	31.9	9.98	33.47	400	334	P	V
		5149.76	41.22	-12.78	54	32.81	31.9	9.98	33.47	400	334	A	V
	*	5240	111.71	-	-	103.64	31.46	10.07	33.46	400	334	P	V
	*	5240	101.44	-	-	93.37	31.46	10.07	33.46	400	334	A	V
		5453.56	54.72	-19.28	74	46.18	31.71	10.26	33.43	400	334	P	V
		5459.72	41.17	-12.83	54	32.59	31.74	10.27	33.43	400	334	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	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 36 5180MHz		10360	46.84	-21.36	68.2	51.65	39.58	15.6	59.99	100	0	P	H
		15540	62.36	-11.64	74	62.59	38.22	19.59	58.04	177	334	P	H
		15540	45.04	-8.96	54	45.27	38.22	19.59	58.04	177	334	A	H
													H
		10360	47.68	-20.52	68.2	52.49	39.58	15.6	59.99	100	0	P	V
		15540	59.97	-14.03	74	60.2	38.22	19.59	58.04	100	319	P	V
		15540	43.62	-10.38	54	43.85	38.22	19.59	58.04	100	319	A	V
													V
802.11n HT20 CH 44 5220MHz		10440	46.75	-21.45	68.2	51.55	39.7	15.67	60.17	100	0	P	H
		15660	63.29	-10.71	74	63.73	37.8	19.64	57.88	188	331	P	H
		15660	45.11	-8.89	54	45.55	37.8	19.64	57.88	188	331	A	H
													H
		10440	47.09	-21.11	68.2	51.89	39.7	15.67	60.17	100	0	P	V
		15660	61.72	-12.28	74	62.16	37.8	19.64	57.88	322	312	P	V
		15660	43.97	-10.03	54	44.41	37.8	19.64	57.88	322	312	A	V
													V
802.11n HT20 CH 48 5240MHz		10480	47.53	-20.67	68.2	52.39	39.7	15.7	60.26	100	0	P	H
		15720	47.4	-26.6	74	47.78	37.76	19.65	57.79	100	0	P	H
													H
													H
		10480	48.08	-20.12	68.2	52.94	39.7	15.7	60.26	100	0	P	V
		15720	47.4	-26.6	74	47.78	37.76	19.65	57.79	100	0	P	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	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		5150	54.75	-19.25	74	46.34	31.9	9.98	33.47	196	315	P	H
		5149.76	42.08	-11.92	54	33.67	31.9	9.98	33.47	196	315	A	H
	*	5190	97.39	-	-	89.08	31.74	10.03	33.46	196	315	P	H
	*	5190	87.31	-	-	79	31.74	10.03	33.46	196	315	A	H
		5358.36	53.68	-20.32	74	45.62	31.33	10.17	33.44	196	315	P	H
		5431.72	41.73	-12.27	54	33.31	31.63	10.23	33.44	196	315	A	H
		5146.9	59.83	-14.17	74	51.41	31.91	9.98	33.47	285	170	P	V
		5145.6	44.16	-9.84	54	35.75	31.91	9.97	33.47	285	170	A	V
	*	5190	105.5	-	-	97.19	31.74	10.03	33.46	285	170	P	V
	*	5190	95.54	-	-	87.23	31.74	10.03	33.46	285	170	A	V
		5433.68	54.57	-19.43	74	46.14	31.63	10.24	33.44	285	170	P	V
		5453.28	41.98	-12.02	54	33.44	31.71	10.26	33.43	285	170	A	V
802.11n HT40 CH 46 5230MHz		5122.46	54.64	-19.36	74	46.2	31.96	9.95	33.47	302	321	P	H
		5148.2	42.07	-11.93	54	33.66	31.9	9.98	33.47	302	321	A	H
	*	5230	100.18	-	-	92.06	31.52	10.06	33.46	302	321	P	H
	*	5230	89.98	-	-	81.86	31.52	10.06	33.46	302	321	A	H
		5382.72	53.74	-20.26	74	45.56	31.43	10.19	33.44	302	321	P	H
		5430.04	41.79	-12.21	54	33.38	31.62	10.23	33.44	302	321	A	H
		5149.5	55.58	-18.42	74	47.17	31.9	9.98	33.47	400	325	P	V
		5143.52	42.99	-11.01	54	34.58	31.91	9.97	33.47	400	325	A	V
	*	5230	108.82	-	-	100.7	31.52	10.06	33.46	400	325	P	V
	*	5230	98.81	-	-	90.69	31.52	10.06	33.46	400	325	A	V
	5350.24	57.01	-16.99	74	48.99	31.3	10.16	33.44	400	325	P	V	
	5350	42.24	-11.76	54	34.22	31.3	10.16	33.44	400	325	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	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		10380	46.75	-21.45	68.2	51.53	39.64	15.62	60.04	100	0	P	H
		15570	45.78	-28.22	74	46.17	38.01	19.6	58	100	0	P	H
													H
													H
		10380	47.68	-20.52	68.2	52.46	39.64	15.62	60.04	100	0	P	V
		15570	45.68	-28.32	74	46.07	38.01	19.6	58	100	0	P	V
													V
802.11n HT40 CH 46 5230MHz		10460	46.79	-21.41	68.2	51.62	39.7	15.68	60.21	100	0	P	H
		15690	48.97	-25.03	74	49.36	37.8	19.64	57.83	100	0	P	H
													H
													H
		10460	47.78	-20.42	68.2	52.61	39.7	15.68	60.21	100	0	P	V
		15690	47.59	-26.41	74	47.98	37.8	19.64	57.83	100	0	P	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	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		5146.64	53.89	-20.11	74	45.47	31.91	9.98	33.47	215	318	P	H
		5150	42.25	-11.75	54	33.84	31.9	9.98	33.47	215	318	A	H
	*	5210	93.33	-	-	85.1	31.64	10.05	33.46	215	318	P	H
	*	5210	83.74	-	-	75.51	31.64	10.05	33.46	215	318	A	H
		5430.32	53.71	-20.29	74	45.3	31.62	10.23	33.44	215	318	P	H
		5459.44	41.62	-12.38	54	33.04	31.74	10.27	33.43	215	318	A	H
		5144.56	56.81	-17.19	74	48.4	31.91	9.97	33.47	300	166	P	V
		5145.08	43.32	-10.68	54	34.91	31.91	9.97	33.47	300	166	A	V
	*	5210	102.09	-	-	93.86	31.64	10.05	33.46	300	166	P	V
	*	5210	92.24	-	-	84.01	31.64	10.05	33.46	300	166	A	V
		5446	53.9	-20.1	74	45.41	31.68	10.25	33.44	300	166	P	V
	5416.88	42.14	-11.86	54	33.79	31.57	10.22	33.44	300	166	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	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		10420	46.12	-22.08	68.2	50.89	39.7	15.65	60.12	100	0	P	H	
		15630	45.42	-28.58	74	45.92	37.8	19.62	57.92	100	0	P	H	
													H	
													H	
			10420	46.27	-21.93	68.2	51.04	39.7	15.65	60.12	100	0	P	V
			15630	45.34	-28.66	74	45.84	37.8	19.62	57.92	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5111.52	53.59	-20.41	74	45.15	31.98	9.93	33.47	177	316	P	H
		5146.88	40.91	-13.09	54	32.49	31.91	9.98	33.47	177	316	A	H
	*	5260	102.36	-	-	94.34	31.38	10.09	33.45	177	316	P	H
	*	5260	92.29	-	-	84.27	31.38	10.09	33.45	177	316	A	H
		5448.48	54.22	-19.78	74	45.72	31.69	10.25	33.44	177	316	P	H
		5434.32	40.81	-13.19	54	32.37	31.64	10.24	33.44	177	316	A	H
		5089.08	54.33	-19.67	74	45.93	31.96	9.91	33.47	267	171	P	V
		5134.98	41.03	-12.97	54	32.61	31.93	9.96	33.47	267	171	A	V
	*	5260	112.02	-	-	104	31.38	10.09	33.45	267	171	P	V
	*	5260	102.15	-	-	94.13	31.38	10.09	33.45	267	171	A	V
		5379.6	55.37	-18.63	74	47.21	31.42	10.18	33.44	267	171	P	V
		5376.24	41.34	-12.66	54	33.2	31.4	10.18	33.44	267	171	A	V
802.11a CH 60 5300MHz		5139.4	52.82	-21.18	74	44.4	31.92	9.97	33.47	287	323	P	H
		5148.92	40.81	-13.19	54	32.4	31.9	9.98	33.47	287	323	A	H
	*	5300	103.52	-	-	95.55	31.3	10.12	33.45	287	323	P	H
	*	5300	93.72	-	-	85.75	31.3	10.12	33.45	287	323	A	H
		5353.44	54.19	-19.81	74	46.16	31.31	10.16	33.44	287	323	P	H
		5450.88	40.96	-13.04	54	32.43	31.7	10.26	33.43	287	323	A	H
		5139.06	54.42	-19.58	74	46	31.92	9.97	33.47	300	162	P	V
		5147.22	40.86	-13.14	54	32.44	31.91	9.98	33.47	300	162	A	V
	*	5300	112.02	-	-	104.05	31.3	10.12	33.45	300	162	P	V
	*	5300	101.9	-	-	93.93	31.3	10.12	33.45	300	162	A	V
		5350.8	59.86	-14.14	74	51.84	31.3	10.16	33.44	300	162	P	V
		5351.52	43.05	-10.95	54	35.02	31.31	10.16	33.44	300	162	A	V



802.11a CH 64 5320MHz	*	5320	101.32	-	-	93.33	31.3	10.14	33.45	296	324	P	H
	*	5320	91.26	-	-	83.27	31.3	10.14	33.45	296	324	A	H
		5435.2	54.14	-19.86	74	45.7	31.64	10.24	33.44	296	324	P	H
		5365.28	40.95	-13.05	54	32.86	31.36	10.17	33.44	296	324	A	H
													H
													H
	*	5320	111.82	-	-	103.83	31.3	10.14	33.45	300	164	P	V
	*	5320	101.52	-	-	93.53	31.3	10.14	33.45	300	164	A	V
		5352.8	60.49	-13.51	74	52.46	31.31	10.16	33.44	300	164	P	V
		5350.08	45.9	-8.1	54	37.88	31.3	10.16	33.44	300	164	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	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	48.03	-20.17	68.2	52.91	39.74	15.73	60.35	100	0	P	H
		15780	65.32	-8.68	74	65.71	37.64	19.68	57.71	197	332	P	H
		15780	49.93	-4.07	54	50.32	37.64	19.68	57.71	197	332	A	H
													H
		10520	48.23	-19.97	68.2	53.11	39.74	15.73	60.35	100	0	P	V
		15780	62.45	-11.55	74	62.84	37.64	19.68	57.71	320	310	P	V
		15780	47.52	-6.48	54	47.91	37.64	19.68	57.71	320	310	A	V
802.11a CH 60 5300MHz		10600	46.88	-27.12	74	51.72	39.9	15.8	60.54	100	0	P	H
		15900	66.15	-7.85	74	66.66	37.3	19.73	57.54	200	311	P	H
		15900	50.97	-3.03	54	51.48	37.3	19.73	57.54	200	311	A	H
													H
		10600	46.43	-27.57	74	51.27	39.9	15.8	60.54	100	0	P	V
		15900	61.66	-12.34	74	62.17	37.3	19.73	57.54	338	309	P	V
		15900	46.54	-7.46	54	47.05	37.3	19.73	57.54	338	309	A	V
802.11a CH 64 5320MHz		10640	46.08	-27.92	74	51.04	39.86	15.82	60.64	100	0	P	H
		15960	59.7	-14.3	74	60.06	37.36	19.74	57.46	201	331	P	H
		15960	45.22	-8.78	54	45.58	37.36	19.74	57.46	201	331	A	H
													H
		10640	46.37	-27.63	74	51.33	39.86	15.82	60.64	100	0	P	V
		15960	53.68	-20.32	74	54.04	37.36	19.74	57.46	300	314	P	V
		15960	39.34	-14.66	54	39.7	37.36	19.74	57.46	300	314	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	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 52 5260MHz		5128.18	53.34	-20.66	74	44.92	31.94	9.95	33.47	177	317	P	H
		5138.04	41.09	-12.91	54	32.67	31.92	9.97	33.47	177	317	A	H
	*	5260	102.73	-	-	94.71	31.38	10.09	33.45	177	317	P	H
	*	5260	91.94	-	-	83.92	31.38	10.09	33.45	177	317	A	H
		5400	53.8	-20.2	74	45.54	31.5	10.2	33.44	177	317	P	H
		5401.68	40.85	-13.15	54	32.58	31.51	10.2	33.44	177	317	A	H
		5149.26	54.8	-19.2	74	46.39	31.9	9.98	33.47	280	171	P	V
		5148.58	41.02	-12.98	54	32.61	31.9	9.98	33.47	280	171	A	V
	*	5260	112.26	-	-	104.24	31.38	10.09	33.45	280	171	P	V
	*	5260	101.95	-	-	93.93	31.38	10.09	33.45	280	171	A	V
		5351.52	55.73	-18.27	74	47.7	31.31	10.16	33.44	280	171	P	V
		5455.44	41.17	-12.83	54	32.62	31.72	10.26	33.43	280	171	A	V
802.11n HT20 CH 60 5300MHz		5067.32	53.2	-20.8	74	44.92	31.87	9.88	33.47	290	323	P	H
		5132.26	40.75	-13.25	54	32.32	31.94	9.96	33.47	290	323	A	H
	*	5300	103.51	-	-	95.54	31.3	10.12	33.45	290	323	P	H
	*	5300	92.94	-	-	84.97	31.3	10.12	33.45	290	323	A	H
		5405.76	53.79	-20.21	74	45.5	31.52	10.21	33.44	290	323	P	H
		5439.12	40.99	-13.01	54	32.53	31.66	10.24	33.44	290	323	A	H
		5126.82	53.84	-20.16	74	45.41	31.95	9.95	33.47	308	167	P	V
		5136	41.02	-12.98	54	32.6	31.93	9.96	33.47	308	167	A	V
	*	5300	112	-	-	104.03	31.3	10.12	33.45	308	167	P	V
	*	5300	101.44	-	-	93.47	31.3	10.12	33.45	308	167	A	V
	5350.32	62.94	-11.06	74	54.92	31.3	10.16	33.44	308	167	P	V	
	5356.56	43.03	-10.97	54	34.97	31.33	10.17	33.44	308	167	A	V	



802.11n HT20 CH 64 5320MHz	*	5320	101.34	-	-	93.35	31.3	10.14	33.45	307	323	P	H
	*	5320	91.08	-	-	83.09	31.3	10.14	33.45	307	323	A	H
		5431.52	54.11	-19.89	74	45.69	31.63	10.23	33.44	307	323	P	H
		5409.44	41.04	-12.96	54	32.73	31.54	10.21	33.44	307	323	A	H
													H
													H
	*	5320	112.1	-	-	104.11	31.3	10.14	33.45	324	166	P	V
	*	5320	101.42	-	-	93.43	31.3	10.14	33.45	324	166	A	V
		5352.8	64.42	-9.58	74	56.39	31.31	10.16	33.44	324	166	P	V
		5350.08	45.64	-8.36	54	37.62	31.3	10.16	33.44	324	166	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	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 52 5260MHz		10520	47.45	-20.75	68.2	52.33	39.74	15.73	60.35	100	0	P	H
		15780	67.73	-6.27	74	68.12	37.64	19.68	57.71	200	328	P	H
		15780	50.77	-3.23	54	51.16	37.64	19.68	57.71	200	328	A	H
													H
		10520	46.84	-21.36	68.2	51.72	39.74	15.73	60.35	100	0	P	V
		15780	65.06	-8.94	74	65.45	37.64	19.68	57.71	320	310	P	V
		15780	48.43	-5.57	54	48.82	37.64	19.68	57.71	320	310	A	V
													V
802.11n HT20 CH 60 5300MHz		10600	46.95	-27.05	74	51.79	39.9	15.8	60.54	100	0	P	H
		15900	66.93	-7.07	74	67.44	37.3	19.73	57.54	198	332	P	H
		15900	49.84	-4.16	54	50.35	37.3	19.73	57.54	198	332	A	H
													H
		10600	47.17	-26.83	74	52.01	39.9	15.8	60.54	100	0	P	V
		15900	62.23	-11.77	74	62.74	37.3	19.73	57.54	259	309	P	V
		15900	45.36	-8.64	54	45.87	37.3	19.73	57.54	259	309	A	V
													V
802.11n HT20 CH 64 5320MHz		10640	48.12	-25.88	74	53.08	39.86	15.82	60.64	100	0	P	H
		15960	61.38	-12.62	74	61.74	37.36	19.74	57.46	198	311	P	H
		15960	44.28	-9.72	54	44.64	37.36	19.74	57.46	198	311	A	H
													H
		10640	47.69	-26.31	74	52.65	39.86	15.82	60.64	100	0	P	V
		15960	56.03	-17.97	74	56.39	37.36	19.74	57.46	100	297	P	V
		15960	40.64	-13.36	54	41	37.36	19.74	57.46	100	297	A	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	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		5107.1	53.62	-20.38	74	45.17	31.99	9.93	33.47	191	8	P	H
		5138.38	41.61	-12.39	54	33.19	31.92	9.97	33.47	191	8	A	H
	*	5270	100.04	-	-	92.03	31.36	10.1	33.45	191	8	P	H
	*	5270	89.83	-	-	81.82	31.36	10.1	33.45	191	8	A	H
		5361.12	53.81	-20.19	74	45.74	31.34	10.17	33.44	191	8	P	H
		5453.04	41.58	-12.42	54	33.04	31.71	10.26	33.43	191	8	A	H
		5149.94	53.33	-20.67	74	44.92	31.9	9.98	33.47	279	170	P	V
		5143.48	41.89	-12.11	54	33.48	31.91	9.97	33.47	279	170	A	V
	*	5270	109.82	-	-	101.81	31.36	10.1	33.45	279	170	P	V
	*	5270	99.62	-	-	91.61	31.36	10.1	33.45	279	170	A	V
		5352.48	58.83	-15.17	74	50.8	31.31	10.16	33.44	279	170	P	V
		5350.32	44.06	-9.94	54	36.04	31.3	10.16	33.44	279	170	A	V
802.11n HT40 CH 62 5310MHz		5106.42	53.71	-20.29	74	45.26	31.99	9.93	33.47	292	323	P	H
		5149.26	41.86	-12.14	54	33.45	31.9	9.98	33.47	292	323	A	H
	*	5310	96.47	-	-	88.49	31.3	10.13	33.45	292	323	P	H
	*	5310	86.16	-	-	78.18	31.3	10.13	33.45	292	323	A	H
		5353.44	53.81	-20.19	74	45.78	31.31	10.16	33.44	292	323	P	H
		5400.72	41.67	-12.33	54	33.41	31.5	10.2	33.44	292	323	A	H
		5103.7	54.23	-19.77	74	45.79	31.99	9.92	33.47	300	165	P	V
		5148.58	41.71	-12.29	54	33.3	31.9	9.98	33.47	300	165	A	V
	*	5310	105.28	-	-	97.3	31.3	10.13	33.45	300	165	P	V
	*	5310	94.98	-	-	87	31.3	10.13	33.45	300	165	A	V
	5355.12	62.36	-11.64	74	54.32	31.32	10.16	33.44	300	165	P	V	
	5350.08	45.88	-8.12	54	37.86	31.3	10.16	33.44	300	165	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	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		10540	47.58	-20.62	68.2	52.45	39.78	15.75	60.4	100	0	P	H
		15810	59.64	-14.36	74	60.05	37.57	19.69	57.67	195	331	P	H
		15810	47.77	-6.23	54	48.18	37.57	19.69	57.67	195	331	A	H
													H
		10540	48.31	-19.89	68.2	53.18	39.78	15.75	60.4	100	0	P	V
		15810	54.49	-19.51	74	54.9	37.57	19.69	57.67	100	326	P	V
		15810	42.87	-11.13	54	43.28	37.57	19.69	57.67	100	326	A	V
802.11n HT40 CH 62 5310MHz		10620	46.09	-27.91	74	51	39.88	15.8	60.59	100	0	P	H
		15930	45.91	-28.09	74	46.34	37.33	19.74	57.5	100	0	P	H
													H
													H
		10620	46.78	-27.22	74	51.69	39.88	15.8	60.59	100	0	P	V
		15930	46.12	-27.88	74	46.55	37.33	19.74	57.5	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	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 58 5290MHz		5110.16	52.49	-21.51	74	44.05	31.98	9.93	33.47	291	324	P	H
		5149.26	41.44	-12.56	54	33.03	31.9	9.98	33.47	291	324	A	H
	*	5290	89.86	-	-	81.88	31.32	10.11	33.45	291	324	P	H
	*	5290	80.29	-	-	72.31	31.32	10.11	33.45	291	324	A	H
		5386.8	53.74	-20.26	74	45.54	31.45	10.19	33.44	291	324	P	H
		5459.28	41.5	-12.5	54	32.92	31.74	10.27	33.43	291	324	A	H
		5087.72	53.85	-20.15	74	45.46	31.95	9.91	33.47	317	167	P	V
		5138.38	41.42	-12.58	54	33	31.92	9.97	33.47	317	167	A	V
	*	5290	100.55	-	-	92.57	31.32	10.11	33.45	317	167	P	V
	*	5290	90.88	-	-	82.9	31.32	10.11	33.45	317	167	A	V
		5358.48	58.5	-15.5	74	50.44	31.33	10.17	33.44	317	167	P	V
		5350.32	45.62	-8.38	54	37.6	31.3	10.16	33.44	317	167	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	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 58 5290MHz		10580	47.7	-20.5	68.2	52.55	39.86	15.78	60.49	100	0	P	H	
		15870	45.74	-28.26	74	46.22	37.39	19.71	57.58	100	0	P	H	
													H	
													H	
			10580	48.18	-20.02	68.2	53.03	39.86	15.78	60.49	100	0	P	V
			15870	46.83	-27.17	74	47.31	37.39	19.71	57.58	100	0	P	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	Limit	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
					Line	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 100 5500MHz		5393.52	54.49	-19.51	74	46.27	31.47	10.19	33.44	288	313	P	H	
		5463.76	53.92	-14.28	68.2	45.32	31.76	10.27	33.43	288	313	P	H	
		5436.72	40.65	-13.35	54	32.2	31.65	10.24	33.44	288	313	A	H	
	*	5500	101.16	-	-	92.38	31.9	10.31	33.43	288	313	P	H	
	*	5500	91.35	-	-	82.57	31.9	10.31	33.43	288	313	A	H	
														H
			5447.12	65.61	-8.39	74	57.11	31.69	10.25	33.44	304	163	P	V
			5462.8	64.2	-4	68.2	55.61	31.75	10.27	33.43	304	163	P	V
			5442.32	42.73	-11.27	54	34.25	31.67	10.25	33.44	304	163	A	V
	*		5500	110.24	-	-	101.46	31.9	10.31	33.43	304	163	P	V
	*		5500	100	-	-	91.22	31.9	10.31	33.43	304	163	A	V
														V
802.11a CH 116 5580MHz		5436.88	54.36	-19.64	74	45.91	31.65	10.24	33.44	293	313	P	H	
		5461.12	53.16	-15.04	68.2	44.58	31.74	10.27	33.43	293	313	P	H	
		5451.76	41.02	-12.98	54	32.48	31.71	10.26	33.43	293	313	A	H	
	*	5580	101.6	-	-	92.84	31.8	10.4	33.44	293	313	P	H	
	*	5580	90.83	-	-	82.07	31.8	10.4	33.44	293	313	A	H	
			5744.525	58.37	-9.83	68.2	49.2	32.09	10.54	33.46	293	313	P	H
			5431.84	54.51	-19.49	74	46.08	31.63	10.24	33.44	267	161	P	V
			5464	54.09	-14.11	68.2	45.49	31.76	10.27	33.43	267	161	P	V
			5446.48	41.12	-12.88	54	32.62	31.69	10.25	33.44	267	161	A	V
	*		5580	111.07	-	-	102.31	31.8	10.4	33.44	267	161	P	V
	*		5580	101.2	-	-	92.44	31.8	10.4	33.44	267	161	A	V
			5743.58	59.26	-8.94	68.2	50.1	32.09	10.53	33.46	267	161	P	V



802.11a CH 140 5700MHz	*	5700	96.06	-	-	87.02	32	10.5	33.46	297	322	P	H
	*	5700	86.03	-	-	76.99	32	10.5	33.46	297	322	A	H
		5745.56	57.53	-10.67	68.2	48.36	32.09	10.54	33.46	297	322	P	H
													H
													H
													H
	*	5700	105.31	-	-	96.27	32	10.5	33.46	255	163	P	V
	*	5700	95.26	-	-	86.22	32	10.5	33.46	255	163	A	V
		5738.76	62.82	-5.38	68.2	53.67	32.08	10.53	33.46	255	163	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	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	46.56	-27.44	74	51.76	40.2	16.1	61.5	100	0	P	H
		16500	56.18	-12.02	68.2	53.9	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	47.31	-26.69	74	52.51	40.2	16.1	61.5	100	0	P	V
		16500	50.76	-17.44	68.2	48.48	39.4	20.18	57.3	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.21	-27.79	74	51.89	39.62	16.23	61.53	100	0	P	H
		16740	64.95	-3.25	68.2	61	40.4	20.37	56.82	190	321	P	H
													H
													H
		11160	46.32	-27.68	74	52	39.62	16.23	61.53	100	0	P	V
		16740	54.28	-13.92	68.2	50.33	40.4	20.37	56.82	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	46.36	-27.64	74	51.92	39.6	16.42	61.58	100	0	P	H
		17100	48.76	-19.44	68.2	43.67	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	46.13	-27.87	74	51.69	39.6	16.42	61.58	100	0	P	V
		17100	49.68	-18.52	68.2	44.59	40.5	20.67	56.08	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	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 100 5500MHz		5433.36	54.31	-19.69	74	45.88	31.63	10.24	33.44	289	311	P	H	
		5463.76	52.95	-15.25	68.2	44.35	31.76	10.27	33.43	289	311	P	H	
		5428.4	40.59	-13.41	54	32.19	31.61	10.23	33.44	289	311	A	H	
	*	5500	100.51	-	-	91.73	31.9	10.31	33.43	289	311	P	H	
	*	5500	89.6	-	-	80.82	31.9	10.31	33.43	289	311	A	H	
														H
			5459.76	59.74	-14.26	74	51.16	31.74	10.27	33.43	271	163	P	V
			5466.32	61.19	-7.01	68.2	52.58	31.77	10.27	33.43	271	163	P	V
			5453.2	41.83	-12.17	54	33.29	31.71	10.26	33.43	271	163	A	V
	*		5500	109.27	-	-	100.49	31.9	10.31	33.43	271	163	P	V
	*		5500	98.33	-	-	89.55	31.9	10.31	33.43	271	163	A	V
														V
802.11n HT20 CH 116 5580MHz		5397.04	54.85	-19.15	74	46.6	31.49	10.2	33.44	286	314	P	H	
		5466.64	53.62	-14.58	68.2	45.01	31.77	10.27	33.43	286	314	P	H	
		5427.28	40.76	-13.24	54	32.36	31.61	10.23	33.44	286	314	A	H	
	*	5580	99.72	-	-	90.96	31.8	10.4	33.44	286	314	P	H	
	*	5580	89.23	-	-	80.47	31.8	10.4	33.44	286	314	A	H	
			5744.21	59.39	-8.81	68.2	50.22	32.09	10.54	33.46	286	314	P	H
			5374.96	54.16	-19.84	74	46.02	31.4	10.18	33.44	340	164	P	V
			5463.28	53.68	-14.52	68.2	45.09	31.75	10.27	33.43	340	164	P	V
			5452.96	41.13	-12.87	54	32.59	31.71	10.26	33.43	340	164	A	V
	*		5580	110.72	-	-	101.96	31.8	10.4	33.44	340	164	P	V
	*		5580	99.97	-	-	91.21	31.8	10.4	33.44	340	164	A	V
			5744.21	59.41	-8.79	68.2	50.24	32.09	10.54	33.46	340	164	P	V



802.11n HT20 CH 140 5700MHz	*	5700	97.82	-	-	88.78	32	10.5	33.46	296	323	P	H
	*	5700	87.42	-	-	78.38	32	10.5	33.46	296	323	A	H
		5744.2	56.49	-11.71	68.2	47.32	32.09	10.54	33.46	296	323	P	H
													H
													H
													H
	*	5700	107.38	-	-	98.34	32	10.5	33.46	287	161	P	V
	*	5700	97.08	-	-	88.04	32	10.5	33.46	287	161	A	V
		5727.16	62.39	-5.81	68.2	53.28	32.05	10.52	33.46	287	161	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	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 100 5500MHz		11000	47.58	-26.42	74	52.78	40.2	16.1	61.5	100	0	P	H
		16500	54.39	-13.81	68.2	52.11	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	46.65	-27.35	74	51.85	40.2	16.1	61.5	100	0	P	V
		16500	48.47	-19.73	68.2	46.19	39.4	20.18	57.3	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	46.94	-27.06	74	52.62	39.62	16.23	61.53	100	0	P	H
		16740	64.12	-4.08	68.2	60.17	40.4	20.37	56.82	198	322	P	H
													H
													H
		11160	46.26	-27.74	74	51.94	39.62	16.23	61.53	100	0	P	V
		16740	53.37	-14.83	68.2	49.42	40.4	20.37	56.82	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	46.44	-27.56	74	52	39.6	16.42	61.58	100	0	P	H
		17100	49.3	-18.9	68.2	44.21	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	46.16	-27.84	74	51.72	39.6	16.42	61.58	100	0	P	V
		17100	48.54	-19.66	68.2	43.45	40.5	20.67	56.08	100	0	P	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	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 102 5510MHz		5439.28	52.85	-21.15	74	44.39	31.66	10.24	33.44	295	313	P	H
		5467.6	52.53	-15.67	68.2	43.92	31.77	10.27	33.43	295	313	P	H
		5459.68	41.47	-12.53	54	32.89	31.74	10.27	33.43	295	313	A	H
	*	5510	95.96	-	-	87.19	31.88	10.32	33.43	295	313	P	H
	*	5510	86.3	-	-	77.53	31.88	10.32	33.43	295	313	A	H
		5746.415	55.22	-12.98	68.2	46.05	32.09	10.54	33.46	295	313	P	H
		5455.6	60.8	-13.2	74	52.25	31.72	10.26	33.43	294	174	P	V
		5470	61.35	-6.85	68.2	52.72	31.78	10.28	33.43	294	174	P	V
		5457.04	43.83	-10.17	54	35.27	31.73	10.26	33.43	294	174	A	V
	*	5510	106.03	-	-	97.26	31.88	10.32	33.43	294	174	P	V
	*	5510	95.25	-	-	86.48	31.88	10.32	33.43	294	174	A	V
		5760.59	55.08	-13.12	68.2	45.88	32.12	10.55	33.47	294	174	P	V
802.11n HT40 CH 110 5550MHz		5420.8	52.91	-21.09	74	44.55	31.58	10.22	33.44	300	320	P	H
		5469.28	53.42	-14.78	68.2	44.79	31.78	10.28	33.43	300	320	P	H
		5442.4	41.16	-12.84	54	32.68	31.67	10.25	33.44	300	320	A	H
	*	5550	99.28	-	-	90.56	31.8	10.36	33.44	300	320	P	H
	*	5550	89.65	-	-	80.93	31.8	10.36	33.44	300	320	A	H
		5744.84	56.73	-11.47	68.2	47.56	32.09	10.54	33.46	300	320	P	H
		5457.52	56.81	-17.19	74	48.25	31.73	10.26	33.43	282	167	P	V
		5469.52	56.81	-11.39	68.2	48.18	31.78	10.28	33.43	282	167	P	V
		5457.28	43.57	-10.43	54	35.01	31.73	10.26	33.43	282	167	A	V
	*	5550	110.09	-	-	101.37	31.8	10.36	33.44	282	167	P	V
	*	5550	99.96	-	-	91.24	31.8	10.36	33.44	282	167	A	V
		5750.195	56.36	-11.84	68.2	47.19	32.1	10.54	33.47	282	167	P	V



802.11n HT40 CH 134 5670MHz		5431.9	53.77	-20.23	74	45.34	31.63	10.24	33.44	305	318	P	H
		5460.25	52.68	-15.52	68.2	44.1	31.74	10.27	33.43	305	318	P	H
		5453.25	41.16	-12.84	54	32.62	31.71	10.26	33.43	305	318	A	H
	*	5670	98.89	-	-	90.04	31.82	10.48	33.45	305	318	P	H
	*	5670	88.85	-	-	80	31.82	10.48	33.45	305	318	A	H
		5745.925	55.83	-12.37	68.2	46.66	32.09	10.54	33.46	305	318	P	H
		5454.3	53.29	-20.71	74	44.74	31.72	10.26	33.43	295	153	P	V
		5467.25	52.02	-16.18	68.2	43.41	31.77	10.27	33.43	295	153	P	V
		5445.2	41.15	-12.85	54	32.66	31.68	10.25	33.44	295	153	A	V
	*	5670	108.25	-	-	99.4	31.82	10.48	33.45	295	153	P	V
	*	5670	98.3	-	-	89.45	31.82	10.48	33.45	295	153	A	V
		5735.25	63.37	-4.83	68.2	54.23	32.07	10.53	33.46	295	153	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	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 102 5510MHz		11020	46.93	-27.07	74	52.19	40.12	16.12	61.5	100	0	P	H
		16530	46.82	-21.38	68.2	44.46	39.4	20.2	57.24	100	0	P	H
													H
													H
		11020	46.81	-27.19	74	52.07	40.12	16.12	61.5	100	0	P	V
		16530	47.99	-20.21	68.2	45.63	39.4	20.2	57.24	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	46.4	-27.6	74	51.94	39.8	16.18	61.52	100	0	P	H
		16650	65.02	-3.18	68.2	61.92	39.8	20.3	57	196	322	P	H
													H
													H
		11100	46.41	-27.59	74	51.95	39.8	16.18	61.52	100	0	P	V
		16650	55.68	-12.52	68.2	52.58	39.8	20.3	57	100	0	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	47.15	-26.85	74	52.8	39.54	16.38	61.57	100	0	P	H
		17010	49.16	-19.04	68.2	44.35	40.5	20.59	56.28	100	0	P	H
													H
													H
		11340	46.37	-27.63	74	52.02	39.54	16.38	61.57	100	0	P	V
		17010	49	-19.2	68.2	44.19	40.5	20.59	56.28	100	0	P	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	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 106 5530MHz		5389.6	53.07	-20.93	74	44.86	31.46	10.19	33.44	300	317	P	H
		5459.92	53.03	-20.97	74	44.45	31.74	10.27	33.43	300	317	P	H
		5456.8	41.33	-12.67	54	32.77	31.73	10.26	33.43	300	317	A	H
	*	5530	91.42	-	-	82.67	31.84	10.34	33.43	300	317	P	H
	*	5530	81.89	-	-	73.14	31.84	10.34	33.43	300	317	A	H
		5740.745	53.72	-14.48	68.2	44.57	32.08	10.53	33.46	300	317	P	H
		5453.92	57.56	-16.44	74	49.01	31.72	10.26	33.43	316	167	P	V
		5463.04	59.1	-9.1	68.2	50.51	31.75	10.27	33.43	316	167	P	V
		5459.68	43.42	-10.58	54	34.84	31.74	10.27	33.43	316	167	A	V
	*	5530	102.11	-	-	93.36	31.84	10.34	33.43	316	167	P	V
	*	5530	92.43	-	-	83.68	31.84	10.34	33.43	316	167	A	V
		5746.1	56.38	-11.82	68.2	47.21	32.09	10.54	33.46	316	167	P	V
802.11ac VHT80 CH 122 5610MHz		5418.88	53.07	-20.93	74	44.71	31.58	10.22	33.44	253	313	P	H
		5470	53.34	-14.86	68.2	44.71	31.78	10.28	33.43	253	313	P	H
		5457.28	41.47	-12.53	54	32.91	31.73	10.26	33.43	253	313	A	H
	*	5610	98.42	-	-	89.66	31.78	10.43	33.45	253	313	P	H
	*	5610	88.13	-	-	79.37	31.78	10.43	33.45	253	313	A	H
		5744.21	54.58	-13.62	68.2	45.41	32.09	10.54	33.46	253	313	P	H
		5455.12	55.35	-18.65	74	46.8	31.72	10.26	33.43	297	155	P	V
		5465.68	55.89	-12.31	68.2	47.29	31.76	10.27	33.43	297	155	P	V
		5459.92	43.52	-10.48	54	34.94	31.74	10.27	33.43	297	155	A	V
	*	5610	105.07	-	-	96.31	31.78	10.43	33.45	297	155	P	V
	*	5610	95.29	-	-	86.53	31.78	10.43	33.45	297	155	A	V
		5725	60.79	-7.41	68.2	51.68	32.05	10.52	33.46	297	155	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	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 106 5530MHz		11060	45.89	-28.11	74	51.29	39.96	16.15	61.51	100	0	P	H
		16590	47.47	-20.73	68.2	44.94	39.4	20.25	57.12	100	0	P	H
													H
													H
		11060	46.24	-27.76	74	51.64	39.96	16.15	61.51	100	0	P	V
		16590	48	-20.2	68.2	45.47	39.4	20.25	57.12	100	0	P	V
													V
802.11ac VHT80 CH 122 5610MHz		11220	46.82	-27.18	74	52.58	39.5	16.28	61.54	100	0	P	H
		16830	51.79	-16.41	68.2	47.46	40.52	20.45	56.64	100	0	P	H
													H
													H
		11220	47.28	-26.72	74	53.04	39.5	16.28	61.54	100	0	P	V
		16830	49.23	-18.97	68.2	44.9	40.52	20.45	56.64	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5449.45	53.19	-20.81	74	44.68	31.7	10.25	33.44	289	313	P	H
		5470.12	52.02	-97.98	150	43.39	31.78	10.28	33.43	289	313	P	H
		5444.77	40.65	-13.35	54	32.16	31.68	10.25	33.44	289	313	A	H
	*	5720	102.83	-	-	93.73	32.04	10.52	33.46	289	313	P	H
	*	5720	93.05	-	-	83.95	32.04	10.52	33.46	289	313	A	H
		5920.5	56.37	-11.83	68.2	46.71	32.48	10.67	33.49	289	313	P	H
		5393.68	53.76	-20.24	74	45.54	31.47	10.19	33.44	283	163	P	V
		5465.44	53.35	-14.85	68.2	44.75	31.76	10.27	33.43	283	163	P	V
		5452.57	40.62	-13.38	54	32.08	31.71	10.26	33.43	283	163	A	V
	*	5720	112.77	-	-	103.67	32.04	10.52	33.46	283	163	P	V
	*	5720	102.5	-	-	93.4	32.04	10.52	33.46	283	163	A	V
			5924.5	57.21	-10.99	68.2	47.53	32.5	10.67	33.49	283	163	P
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)**

WIFI	Note	Frequency (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	46.24	-27.76	74	51.7	39.68	16.45	61.59	100	0	P	H
		17160	52.38	-15.82	68.2	47.06	40.56	20.71	55.95	100	0	P	H
													H
													H
		11440	45.99	-28.01	74	51.45	39.68	16.45	61.59	100	0	P	V
		17160	50.14	-18.06	68.2	44.82	40.56	20.71	55.95	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	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		5459.98	53.44	-20.56	74	44.86	31.74	10.27	33.43	282	314	P	H
		5459.98	53.44	-20.56	74	44.86	31.74	10.27	33.43	282	314	P	H
		5449.06	40.59	-13.41	54	32.08	31.7	10.25	33.44	282	314	A	H
	*	5720	100.15	-	-	91.05	32.04	10.52	33.46	282	314	P	H
	*	5720	90.02	-	-	80.92	32.04	10.52	33.46	282	314	A	H
		5875	56.42	-11.78	68.2	46.91	32.35	10.64	33.48	282	314	P	H
		5434.63	53.92	-20.08	74	45.48	31.64	10.24	33.44	326	168	P	V
		5469.73	53.45	-14.75	68.2	44.82	31.78	10.28	33.43	326	168	P	V
		5440.87	40.76	-13.24	54	32.3	31.66	10.24	33.44	326	168	A	V
	*	5720	110.8	-	-	101.7	32.04	10.52	33.46	326	168	P	V
	*	5720	100.27	-	-	91.17	32.04	10.52	33.46	326	168	A	V
		5925	56.36	-11.84	68.2	46.68	32.5	10.67	33.49	326	168	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	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		11440	46.44	-27.56	74	51.9	39.68	16.45	61.59	100	0	P	H	
		17160	48.99	-19.21	68.2	43.67	40.56	20.71	55.95	100	0	P	H	
													H	
													H	
			11440	46.09	-27.91	74	51.55	39.68	16.45	61.59	100	0	P	V
			17160	48.78	-19.42	68.2	43.46	40.56	20.71	55.95	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	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		5451.4	53.24	-20.76	74	44.7	31.71	10.26	33.43	281	312	P	H
		5460.37	52.13	-16.07	68.2	43.55	31.74	10.27	33.43	281	312	P	H
		5444.38	40.99	-13.01	54	32.5	31.68	10.25	33.44	281	312	A	H
	*	5710	100.45	-	-	91.38	32.02	10.51	33.46	281	312	P	H
	*	5710	90.78	-	-	81.71	32.02	10.51	33.46	281	312	A	H
		5920.25	55.34	-12.86	68.2	45.68	32.48	10.67	33.49	281	312	P	H
		5432.29	53.43	-20.57	74	45	31.63	10.24	33.44	299	170	P	V
		5460.37	52.87	-15.33	68.2	44.29	31.74	10.27	33.43	299	170	P	V
		5458.42	41.26	-12.74	54	32.7	31.73	10.26	33.43	299	170	A	V
	*	5710	109.87	-	-	100.8	32.02	10.51	33.46	299	170	P	V
	*	5710	98.84	-	-	89.77	32.02	10.51	33.46	299	170	A	V
		5857	55.73	-12.47	68.2	46.28	32.31	10.62	33.48	299	170	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	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		11420	45.75	-28.25	74	51.26	39.64	16.43	61.58	100	0	P	H	
		17131	49.88	-18.32	68.2	44.66	40.53	20.7	56.01	100	0	P	H	
													H	
													H	
			11420	46.47	-27.53	74	51.98	39.64	16.43	61.58	100	0	P	V
			17130	49.94	-18.26	68.2	44.72	40.53	20.7	56.01	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	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 138 5690MHz		5442.04	53.05	-20.95	74	44.57	31.67	10.25	33.44	264	316	P	H
		5469.34	51.73	-16.47	68.2	43.1	31.78	10.28	33.43	264	316	P	H
		5438.53	41.04	-12.96	54	32.59	31.65	10.24	33.44	264	316	A	H
	*	5690	96.68	-	-	87.71	31.94	10.49	33.46	264	316	P	H
	*	5690	86.3	-	-	77.33	31.94	10.49	33.46	264	316	A	H
		5860.5	55.29	-12.91	68.2	45.82	32.32	10.63	33.48	264	316	P	H
		5435.02	53.29	-20.71	74	44.85	31.64	10.24	33.44	289	170	P	V
		5469.34	53.77	-14.43	68.2	45.14	31.78	10.28	33.43	289	170	P	V
		5458.42	41.86	-12.14	54	33.3	31.73	10.26	33.43	289	170	A	V
	*	5690	107.25	-	-	98.28	31.94	10.49	33.46	289	170	P	V
	*	5690	96.54	-	-	87.57	31.94	10.49	33.46	289	170	A	V
		5852.75	58.9	-9.3	68.2	49.45	32.31	10.62	33.48	289	170	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	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 138 5690MHz		11380	46.04	-27.96	74	51.63	39.58	16.41	61.58	100	0	P	H
		17070	50.26	-17.94	68.2	45.27	40.5	20.64	56.15	100	0	P	H
													H
													H
		11380	47.41	-26.59	74	53	39.58	16.41	61.58	100	0	P	V
		17070	50.4	-17.8	68.2	45.41	40.5	20.64	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.												



Emission below 1GHz
WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11n HT40 LF		61.04	33.88	-6.12	40	51.42	11.77	1.15	30.46	100	0	P	H	
		102.75	33.84	-9.66	43.5	46.67	16.14	1.46	30.43	-	-	P	H	
		174.53	34.18	-9.32	43.5	47.41	15.21	1.91	30.35	-	-	P	H	
		756.53	32.46	-13.54	46	30.08	27.92	3.85	29.39	-	-	P	H	
		846.74	33.54	-12.46	46	29.92	28.75	4.09	29.22	-	-	P	H	
		886.51	38.68	-7.32	46	34.65	28.97	4.22	29.16	-	-	P	H	
														H
														H
														H
														H
														H
														H
			61.04	33.66	-6.34	40	51.2	11.77	1.15	30.46	100	0	P	V
			120.21	35.91	-7.59	43.5	47.62	17.23	1.47	30.41	-	-	P	V
			164.83	35.16	-8.34	43.5	47.73	15.94	1.85	30.36	-	-	P	V
			792.42	32.72	-13.28	46	30.11	27.96	3.96	29.31	-	-	P	V
			886.51	39.44	-6.56	46	35.41	28.97	4.22	29.16	-	-	P	V
			950.53	35.96	-10.04	46	29.91	30.6	4.44	28.99	-	-	P	V
														V
														V
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



MIMO <Chain 1+2>

Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5121.16	54.94	-19.06	74	46.5	31.96	9.95	33.47	100	292	P	H	
		5136.5	41.02	-12.98	54	32.6	31.93	9.96	33.47	100	292	A	H	
	*	5180	102.63	-	-	94.29	31.78	10.02	33.46	100	292	P	H	
	*	5180	92.31	-	-	83.97	31.78	10.02	33.46	100	292	A	H	
													H	
													H	
			5150	57.47	-16.53	74	49.06	31.9	9.98	33.47	374	336	P	V
			5141.7	43.05	-10.95	54	34.63	31.92	9.97	33.47	374	336	A	V
	*		5180	113.16	-	-	104.82	31.78	10.02	33.46	374	336	P	V
	*		5180	103.2	-	-	94.86	31.78	10.02	33.46	374	336	A	V
													V	
													V	
802.11a CH 44 5220MHz		5100.88	54.25	-19.75	74	45.8	32	9.92	33.47	123	297	P	H	
		5138.84	40.98	-13.02	54	32.56	31.92	9.97	33.47	123	297	A	H	
	*	5220	100.89	-	-	92.71	31.58	10.06	33.46	123	297	P	H	
	*	5220	90.58	-	-	82.4	31.58	10.06	33.46	123	297	A	H	
			5397	53.47	-20.53	74	45.22	31.49	10.2	33.44	123	297	P	H
			5459.72	40.76	-13.24	54	32.18	31.74	10.27	33.43	123	297	A	H
			5148.2	56.04	-17.96	74	47.63	31.9	9.98	33.47	363	320	P	V
			5145.6	41.83	-12.17	54	33.42	31.91	9.97	33.47	363	320	A	V
	*		5220	112.79	-	-	104.61	31.58	10.06	33.46	363	320	P	V
	*		5220	103.35	-	-	95.17	31.58	10.06	33.46	363	320	A	V
		5440.4	55.15	-18.85	74	46.69	31.66	10.24	33.44	363	320	P	V	
		5453	41.73	-12.27	54	33.19	31.71	10.26	33.43	363	320	A	V	



802.11a CH 48 5240MHz		5142.74	53.74	-20.26	74	45.33	31.91	9.97	33.47	110	315	P	H
		5127.4	40.88	-13.12	54	32.45	31.95	9.95	33.47	110	315	A	H
	*	5240	101.02	-	-	92.95	31.46	10.07	33.46	110	315	P	H
	*	5240	90.68	-	-	82.61	31.46	10.07	33.46	110	315	A	H
		5368.72	54.8	-19.2	74	46.7	31.37	10.17	33.44	110	315	P	H
		5450.48	40.59	-13.41	54	32.06	31.7	10.26	33.43	110	315	A	H
		5145.86	54.74	-19.26	74	46.32	31.91	9.98	33.47	294	295	P	V
		5140.4	41.26	-12.74	54	32.84	31.92	9.97	33.47	294	295	A	V
	*	5240	112.27	-	-	104.2	31.46	10.07	33.46	294	295	P	V
	*	5240	102.09	-	-	94.02	31.46	10.07	33.46	294	295	A	V
		5420.8	55.82	-18.18	74	47.46	31.58	10.22	33.44	294	295	P	V
		5376	41.43	-12.57	54	33.29	31.4	10.18	33.44	294	295	A	V
Remark	<ol style="list-style-type: none"> 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	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	46.15	-22.05	68.2	50.96	39.58	15.6	59.99	100	0	P	H
		15540	45.07	-28.93	74	45.3	38.22	19.59	58.04	100	0	P	H
													H
													H
		10360	47.48	-20.72	68.2	52.29	39.58	15.6	59.99	100	0	P	V
		15540	45.32	-28.68	74	45.55	38.22	19.59	58.04	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.52	-21.68	68.2	51.32	39.7	15.67	60.17	100	0	P	H
		15660	45.74	-28.26	74	46.18	37.8	19.64	57.88	100	0	P	H
													H
													H
		10440	46.48	-21.72	68.2	51.28	39.7	15.67	60.17	100	0	P	V
		15660	45.93	-28.07	74	46.37	37.8	19.64	57.88	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	46.99	-21.21	68.2	51.85	39.7	15.7	60.26	100	0	P	H
		15720	45.52	-28.48	74	45.9	37.76	19.65	57.79	100	0	P	H
													H
													H
		10480	46.97	-21.23	68.2	51.83	39.7	15.7	60.26	100	0	P	V
		15720	46	-28	74	46.38	37.76	19.65	57.79	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	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 36 5180MHz		5118.56	54.16	-19.84	74	45.73	31.96	9.94	33.47	296	329	P	H	
		5115.18	40.71	-13.29	54	32.27	31.97	9.94	33.47	296	329	A	H	
	*	5180	101.31	-	-	92.97	31.78	10.02	33.46	296	329	P	H	
	*	5180	91.29	-	-	82.95	31.78	10.02	33.46	296	329	A	H	
													H	
														H
			5149.24	63.71	-10.29	74	55.3	31.9	9.98	33.47	293	37	P	V
			5144.56	42.71	-11.29	54	34.3	31.91	9.97	33.47	293	37	A	V
	*		5180	112.94	-	-	104.6	31.78	10.02	33.46	293	37	P	V
	*		5180	102.44	-	-	94.1	31.78	10.02	33.46	293	37	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5134.16	54.63	-19.37	74	46.21	31.93	9.96	33.47	290	328	P	H	
		5148.2	40.96	-13.04	54	32.55	31.9	9.98	33.47	290	328	A	H	
	*	5220	101.29	-	-	93.11	31.58	10.06	33.46	290	328	P	H	
	*	5220	91.75	-	-	83.57	31.58	10.06	33.46	290	328	A	H	
			5438.44	53.97	-20.03	74	45.52	31.65	10.24	33.44	290	328	P	H
			5437.04	40.63	-13.37	54	32.18	31.65	10.24	33.44	290	328	A	H
			5148.72	56.56	-17.44	74	48.15	31.9	9.98	33.47	314	41	P	V
			5149.24	41.49	-12.51	54	33.08	31.9	9.98	33.47	314	41	A	V
	*		5220	112.85	-	-	104.67	31.58	10.06	33.46	314	41	P	V
	*		5220	102.57	-	-	94.39	31.58	10.06	33.46	314	41	A	V
		5431.72	54.84	-19.16	74	46.42	31.63	10.23	33.44	314	41	P	V	
		5454.68	41.04	-12.96	54	32.49	31.72	10.26	33.43	314	41	A	V	



802.11n HT20 CH 48 5240MHz		5113.1	54.39	-19.61	74	45.95	31.97	9.94	33.47	310	327	P	H
		5130.26	40.68	-13.32	54	32.25	31.94	9.96	33.47	310	327	A	H
	*	5240	100.34	-	-	92.27	31.46	10.07	33.46	310	327	P	H
	*	5240	89.73	-	-	81.66	31.46	10.07	33.46	310	327	A	H
		5459.72	54.14	-19.86	74	45.56	31.74	10.27	33.43	310	327	P	H
		5428.36	40.48	-13.52	54	32.08	31.61	10.23	33.44	310	327	A	H
		5142.74	54.25	-19.75	74	45.84	31.91	9.97	33.47	300	41	P	V
		5140.66	41.14	-12.86	54	32.72	31.92	9.97	33.47	300	41	A	V
	*	5240	112.46	-	-	104.39	31.46	10.07	33.46	300	41	P	V
	*	5240	101.93	-	-	93.86	31.46	10.07	33.46	300	41	A	V
		5394.2	54.69	-19.31	74	46.45	31.48	10.2	33.44	300	41	P	V
		5359.76	41	-13	54	32.93	31.34	10.17	33.44	300	41	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	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 36 5180MHz		10360	47.47	-20.73	68.2	52.28	39.58	15.6	59.99	100	0	P	H
		15540	45.88	-28.12	74	46.11	38.22	19.59	58.04	100	0	P	H
													H
													H
		10360	46.58	-21.62	68.2	51.39	39.58	15.6	59.99	100	0	P	V
		15540	46.05	-27.95	74	46.28	38.22	19.59	58.04	100	0	P	V
													V
802.11n HT20 CH 44 5220MHz		10440	46.37	-21.83	68.2	51.17	39.7	15.67	60.17	100	0	P	H
		15660	45.79	-28.21	74	46.23	37.8	19.64	57.88	100	0	P	H
													H
													H
		10440	47.14	-21.06	68.2	51.94	39.7	15.67	60.17	100	0	P	V
		15660	45.79	-28.21	74	46.23	37.8	19.64	57.88	100	0	P	V
													V
802.11n HT20 CH 48 5240MHz		10480	47.07	-21.13	68.2	51.93	39.7	15.7	60.26	100	0	P	H
		15720	44.94	-29.06	74	45.32	37.76	19.65	57.79	100	0	P	H
													H
													H
		10480	47.39	-20.81	68.2	52.25	39.7	15.7	60.26	100	0	P	V
		15720	45.55	-28.45	74	45.93	37.76	19.65	57.79	100	0	P	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	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		5145.34	53.55	-20.45	74	45.14	31.91	9.97	33.47	100	17	P	H
		5142.74	41.7	-12.3	54	33.29	31.91	9.97	33.47	100	17	A	H
	*	5190	98.22	-	-	89.91	31.74	10.03	33.46	100	17	P	H
	*	5190	88.59	-	-	80.28	31.74	10.03	33.46	100	17	A	H
		5390	53.75	-20.25	74	45.54	31.46	10.19	33.44	100	17	P	H
		5446.56	41.44	-12.56	54	32.94	31.69	10.25	33.44	100	17	A	H
		5145.08	59.47	-14.53	74	51.06	31.91	9.97	33.47	301	179	P	V
		5147.68	44.98	-9.02	54	36.57	31.9	9.98	33.47	301	179	A	V
	*	5190	109.12	-	-	100.81	31.74	10.03	33.46	301	179	P	V
	*	5190	99.4	-	-	91.09	31.74	10.03	33.46	301	179	A	V
		5450.76	54.22	-19.78	74	45.69	31.7	10.26	33.43	301	179	P	V
		5456.08	41.72	-12.28	54	33.17	31.72	10.26	33.43	301	179	A	V
802.11n HT40 CH 46 5230MHz		5143.52	54.29	-19.71	74	45.88	31.91	9.97	33.47	280	312	P	H
		5135.98	41.74	-12.26	54	33.32	31.93	9.96	33.47	280	312	A	H
	*	5230	102.21	-	-	94.09	31.52	10.06	33.46	280	312	P	H
	*	5230	92.31	-	-	84.19	31.52	10.06	33.46	280	312	A	H
		5454.68	53.38	-20.62	74	44.83	31.72	10.26	33.43	280	312	P	H
		5363.12	41.58	-12.42	54	33.5	31.35	10.17	33.44	280	312	A	H
		5148.2	56.56	-17.44	74	48.15	31.9	9.98	33.47	313	314	P	V
		5149.76	42.86	-11.14	54	34.45	31.9	9.98	33.47	313	314	A	V
	*	5230	113.93	-	-	105.81	31.52	10.06	33.46	313	314	P	V
	*	5230	103.5	-	-	95.38	31.52	10.06	33.46	313	314	A	V
	5350.24	57.72	-16.28	74	49.7	31.3	10.16	33.44	313	314	P	V	
	5350.24	42.72	-11.28	54	34.7	31.3	10.16	33.44	313	314	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	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		10380	47.26	-20.94	68.2	52.04	39.64	15.62	60.04	100	0	P	H
		15570	44.88	-29.12	74	45.27	38.01	19.6	58	100	0	P	H
													H
													H
		10380	46.86	-21.34	68.2	51.64	39.64	15.62	60.04	100	0	P	V
		15570	44.97	-29.03	74	45.36	38.01	19.6	58	100	0	P	V
													V
802.11n HT40 CH 46 5230MHz		10460	46.9	-21.3	68.2	51.73	39.7	15.68	60.21	100	0	P	H
		15690	54.24	-19.76	74	54.63	37.8	19.64	57.83	204	329	P	H
		15690	42.26	-11.74	54	42.65	37.8	19.64	57.83	204	329	A	H
													H
		10460	47.03	-21.17	68.2	51.86	39.7	15.68	60.21	100	0	P	V
		15690	46.36	-27.64	74	46.75	37.8	19.64	57.83	100	0	P	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	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		5140.66	55.2	-18.8	74	46.78	31.92	9.97	33.47	292	311	P	H
		5142.74	42.58	-11.42	54	34.17	31.91	9.97	33.47	292	311	A	H
	*	5210	94.7	-	-	86.47	31.64	10.05	33.46	292	311	P	H
	*	5210	84.55	-	-	76.32	31.64	10.05	33.46	292	311	A	H
		5442.36	53.51	-20.49	74	45.03	31.67	10.25	33.44	292	311	P	H
		5421.08	42.02	-11.98	54	33.66	31.58	10.22	33.44	292	311	A	H
		5147.42	59.7	-14.3	74	51.28	31.91	9.98	33.47	323	317	P	V
		5145.6	48.76	-5.24	54	40.35	31.91	9.97	33.47	323	317	A	V
	*	5210	105.86	-	-	97.63	31.64	10.05	33.46	323	317	P	V
	*	5210	95.11	-	-	86.88	31.64	10.05	33.46	323	317	A	V
		5428.08	54.4	-19.6	74	46	31.61	10.23	33.44	323	317	P	V
		5453	42.13	-11.87	54	33.59	31.71	10.26	33.43	323	317	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	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		10420	46.9	-21.3	68.2	51.67	39.7	15.65	60.12	100	0	P	H
		15630	45.68	-28.32	74	46.18	37.8	19.62	57.92	100	0	P	H
													H
													H
		10420	46.52	-21.68	68.2	51.29	39.7	15.65	60.12	100	0	P	V
		15630	45.56	-28.44	74	46.06	37.8	19.62	57.92	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5149.26	54.11	-19.89	74	45.7	31.9	9.98	33.47	100	290	P	H
		5130.9	40.72	-13.28	54	32.29	31.94	9.96	33.47	100	290	A	H
	*	5260	100.72	-	-	92.7	31.38	10.09	33.45	100	290	P	H
	*	5260	90.26	-	-	82.24	31.38	10.09	33.45	100	290	A	H
		5405.28	53.96	-20.04	74	45.67	31.52	10.21	33.44	100	290	P	H
		5432.64	40.71	-13.29	54	32.28	31.63	10.24	33.44	100	290	A	H
		5115.94	54.83	-19.17	74	46.39	31.97	9.94	33.47	292	324	P	V
		5145.52	40.84	-13.16	54	32.43	31.91	9.97	33.47	292	324	A	V
	*	5260	111.42	-	-	103.4	31.38	10.09	33.45	292	324	P	V
	*	5260	101.12	-	-	93.1	31.38	10.09	33.45	292	324	A	V
		5434.08	54.84	-19.16	74	46.4	31.64	10.24	33.44	292	324	P	V
		5453.04	41.36	-12.64	54	32.82	31.71	10.26	33.43	292	324	A	V
802.11a CH 60 5300MHz		5105.4	53.96	-20.04	74	45.51	31.99	9.93	33.47	100	356	P	H
		5127.5	40.68	-13.32	54	32.26	31.94	9.95	33.47	100	356	A	H
	*	5300	98.67	-	-	90.7	31.3	10.12	33.45	100	356	P	H
	*	5300	89	-	-	81.03	31.3	10.12	33.45	100	356	A	H
		5439.84	54.75	-19.25	74	46.29	31.66	10.24	33.44	100	356	P	H
		5424.72	40.49	-13.51	54	32.1	31.6	10.23	33.44	100	356	A	H
		5146.2	54.47	-19.53	74	46.05	31.91	9.98	33.47	299	297	P	V
		5138.38	40.89	-13.11	54	32.47	31.92	9.97	33.47	299	297	A	V
	*	5300	112.15	-	-	104.18	31.3	10.12	33.45	299	297	P	V
	*	5300	102.72	-	-	94.75	31.3	10.12	33.45	299	297	A	V
		5350.32	58.43	-15.57	74	50.41	31.3	10.16	33.44	299	297	P	V
		5351.28	43.69	-10.31	54	35.66	31.31	10.16	33.44	299	297	A	V



802.11a CH 64 5320MHz	*	5320	99.99	-	-	92	31.3	10.14	33.45	100	293	P	H
	*	5320	90.01	-	-	82.02	31.3	10.14	33.45	100	293	A	H
		5384	54.36	-19.64	74	46.17	31.44	10.19	33.44	100	293	P	H
		5456.32	40.97	-13.03	54	32.41	31.73	10.26	33.43	100	293	A	H
													H
													H
	*	5320	113.48	-	-	105.49	31.3	10.14	33.45	390	341	P	V
	*	5320	103.89	-	-	95.9	31.3	10.14	33.45	390	341	A	V
		5351.52	61.24	-12.76	74	53.21	31.31	10.16	33.44	390	341	P	V
		5351.04	43.97	-10.03	54	35.95	31.3	10.16	33.44	390	341	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	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	46.91	-21.29	68.2	51.79	39.74	15.73	60.35	100	0	P	H
		15780	46	-28	74	46.39	37.64	19.68	57.71	100	0	P	H
													H
													H
		10520	46.04	-22.16	68.2	50.92	39.74	15.73	60.35	100	0	P	V
		15780	45.71	-28.29	74	46.1	37.64	19.68	57.71	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	46.4	-27.6	74	51.24	39.9	15.8	60.54	100	0	P	H
		15900	45.63	-28.37	74	46.14	37.3	19.73	57.54	100	0	P	H
													H
													H
		10600	47.25	-26.75	74	52.09	39.9	15.8	60.54	100	0	P	V
		15900	45.2	-28.8	74	45.71	37.3	19.73	57.54	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	46.47	-27.53	74	51.43	39.86	15.82	60.64	100	0	P	H
		15960	45.63	-28.37	74	45.99	37.36	19.74	57.46	100	0	P	H
													H
													H
		10640	46.57	-27.43	74	51.53	39.86	15.82	60.64	100	0	P	V
		15960	44.94	-29.06	74	45.3	37.36	19.74	57.46	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	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 52 5260MHz		5133.64	53.46	-20.54	74	45.04	31.93	9.96	33.47	100	290	P	H	
		5125.58	40.74	-13.26	54	32.31	31.95	9.95	33.47	100	290	A	H	
	*	5260	100.56	-	-	92.54	31.38	10.09	33.45	100	290	P	H	
	*	5260	90.46	-	-	82.44	31.38	10.09	33.45	100	290	A	H	
													H	
													H	
			5070.98	53.94	-20.06	74	45.64	31.88	9.89	33.47	300	300	P	V
			5136.24	40.97	-13.03	54	32.55	31.93	9.96	33.47	300	300	A	V
	*		5260	113.66	-	-	105.64	31.38	10.09	33.45	300	300	P	V
	*		5260	103.16	-	-	95.14	31.38	10.09	33.45	300	300	A	V
													V	
													V	
802.11n HT20 CH 60 5300MHz		5121.04	53.47	-20.53	74	45.03	31.96	9.95	33.47	302	312	P	H	
		5132.6	40.76	-13.24	54	32.34	31.93	9.96	33.47	302	312	A	H	
	*	5300	102.57	-	-	94.6	31.3	10.12	33.45	302	312	P	H	
	*	5300	91.91	-	-	83.94	31.3	10.12	33.45	302	312	A	H	
			5351.76	53.52	-20.48	74	45.49	31.31	10.16	33.44	302	312	P	H
			5436.72	40.5	-13.5	54	32.05	31.65	10.24	33.44	302	312	A	H
			5133.96	53.86	-20.14	74	45.44	31.93	9.96	33.47	300	166	P	V
			5133.96	40.81	-13.19	54	32.39	31.93	9.96	33.47	300	166	A	V
	*		5300	113.36	-	-	105.39	31.3	10.12	33.45	300	166	P	V
	*		5300	103.02	-	-	95.05	31.3	10.12	33.45	300	166	A	V
		5351.76	61.42	-12.58	74	53.39	31.31	10.16	33.44	300	166	P	V	
		5355.84	43.2	-10.8	54	35.16	31.32	10.16	33.44	300	166	A	V	



802.11n HT20 CH 64 5320MHz	*	5320	103.34	-	-	95.35	31.3	10.14	33.45	301	328	P	H
	*	5320	93.28	-	-	85.29	31.3	10.14	33.45	301	328	A	H
		5369.6	54.83	-19.17	74	46.71	31.38	10.18	33.44	301	328	P	H
		5445.76	40.66	-13.34	54	32.17	31.68	10.25	33.44	301	328	A	H
													H
													H
	*	5320	114.21	-	-	106.22	31.3	10.14	33.45	300	166	P	V
	*	5320	104.08	-	-	96.09	31.3	10.14	33.45	300	166	A	V
		5350.72	63.62	-10.38	74	55.6	31.3	10.16	33.44	300	166	P	V
		5355.2	43.49	-10.51	54	35.45	31.32	10.16	33.44	300	166	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	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 52 5260MHz		10520	46.88	-21.32	68.2	51.76	39.74	15.73	60.35	100	0	P	H
		15780	45.82	-28.18	74	46.21	37.64	19.68	57.71	100	0	P	H
													H
													H
		10520	46.63	-21.57	68.2	51.51	39.74	15.73	60.35	100	0	P	V
		15780	46.64	-27.36	74	47.03	37.64	19.68	57.71	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	46.84	-27.16	74	51.68	39.9	15.8	60.54	100	0	P	H
		15900	45.41	-28.59	74	45.92	37.3	19.73	57.54	100	0	P	H
													H
													H
		10600	46.32	-27.68	74	51.16	39.9	15.8	60.54	100	0	P	V
		15900	46.21	-27.79	74	46.72	37.3	19.73	57.54	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	47.04	-26.96	74	52	39.86	15.82	60.64	100	0	P	H
		15960	48.24	-25.76	74	48.6	37.36	19.74	57.46	100	0	P	H
													H
													H
		10640	46.09	-27.91	74	51.05	39.86	15.82	60.64	100	0	P	V
		15960	47.21	-26.79	74	47.57	37.36	19.74	57.46	100	0	P	V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	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		5081.6	53.3	-20.7	74	44.94	31.93	9.9	33.47	289	325	P	H
		5134.3	41.85	-12.15	54	33.43	31.93	9.96	33.47	289	325	A	H
	*	5270	101.27	-	-	93.26	31.36	10.1	33.45	289	325	P	H
	*	5270	91.47	-	-	83.46	31.36	10.1	33.45	289	325	A	H
		5374.08	53.93	-20.07	74	45.79	31.4	10.18	33.44	289	325	P	H
		5444.16	41.35	-12.65	54	32.86	31.68	10.25	33.44	289	325	A	H
		5132.26	53.89	-20.11	74	45.46	31.94	9.96	33.47	315	316	P	V
		5138.04	41.91	-12.09	54	33.49	31.92	9.97	33.47	315	316	A	V
	*	5270	113.53	-	-	105.52	31.36	10.1	33.45	315	316	P	V
	*	5270	103.77	-	-	95.76	31.36	10.1	33.45	315	316	A	V
		5350.32	58.54	-15.46	74	50.52	31.3	10.16	33.44	315	316	P	V
		5353.2	44.3	-9.7	54	36.27	31.31	10.16	33.44	315	316	A	V
802.11n HT40 CH 62 5310MHz		5093.5	53.56	-20.44	74	45.15	31.97	9.91	33.47	295	328	P	H
		5118.66	41.62	-12.38	54	33.19	31.96	9.94	33.47	295	328	A	H
	*	5310	98.26	-	-	90.28	31.3	10.13	33.45	295	328	P	H
	*	5310	88.43	-	-	80.45	31.3	10.13	33.45	295	328	A	H
		5382.24	53.96	-20.04	74	45.78	31.43	10.19	33.44	295	328	P	H
		5421.84	41.48	-12.52	54	33.11	31.59	10.22	33.44	295	328	A	H
		5051.34	53.68	-20.32	74	45.48	31.81	9.86	33.47	289	164	P	V
		5142.46	41.54	-12.46	54	33.12	31.92	9.97	33.47	289	164	A	V
	*	5310	109.13	-	-	101.15	31.3	10.13	33.45	289	164	P	V
	*	5310	99.49	-	-	91.51	31.3	10.13	33.45	289	164	A	V
	5350.8	62.82	-11.18	74	54.8	31.3	10.16	33.44	289	164	P	V	
	5350.08	49.75	-4.25	54	41.73	31.3	10.16	33.44	289	164	A	V	
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	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		10540	46.37	-21.83	68.2	51.24	39.78	15.75	60.4	100	0	P	H
		15810	48.22	-25.78	74	48.63	37.57	19.69	57.67	100	0	P	H
													H
													H
		10540	47.03	-21.17	68.2	51.9	39.78	15.75	60.4	100	0	P	V
		15810	46.81	-27.19	74	47.22	37.57	19.69	57.67	100	0	P	V
													V
802.11n HT40 CH 62 5310MHz		10620	46.74	-27.26	74	51.65	39.88	15.8	60.59	100	0	P	H
		15930	45.1	-28.9	74	45.53	37.33	19.74	57.5	100	0	P	H
													H
													H
		10620	45.93	-28.07	74	50.84	39.88	15.8	60.59	100	0	P	V
		15930	46.55	-27.45	74	46.98	37.33	19.74	57.5	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	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 58 5290MHz		5111.86	54.66	-19.34	74	46.22	31.98	9.93	33.47	303	312	P	H
		5131.92	41.46	-12.54	54	33.03	31.94	9.96	33.47	303	312	A	H
	*	5290	89.47	-	-	81.49	31.32	10.11	33.45	303	312	P	H
	*	5290	79.42	-	-	71.44	31.32	10.11	33.45	303	312	A	H
		5443.92	53.37	-20.63	74	44.88	31.68	10.25	33.44	303	312	P	H
		5357.04	41.57	-12.43	54	33.51	31.33	10.17	33.44	303	312	A	H
		5122.4	53.95	-20.05	74	45.51	31.96	9.95	33.47	310	316	P	V
		5129.54	41.73	-12.27	54	33.3	31.94	9.96	33.47	310	316	A	V
	*	5290	101.13	-	-	93.15	31.32	10.11	33.45	310	316	P	V
	*	5290	90.71	-	-	82.73	31.32	10.11	33.45	310	316	A	V
		5361.12	58.1	-15.9	74	50.03	31.34	10.17	33.44	310	316	P	V
	5361.84	46	-8	54	37.92	31.35	10.17	33.44	310	316	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	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 58 5290MHz		10580	47.62	-20.58	68.2	52.47	39.86	15.78	60.49	100	0	P	H	
		15870	46.13	-27.87	74	46.61	37.39	19.71	57.58	100	0	P	H	
													H	
													H	
			10580	47.53	-20.67	68.2	52.38	39.86	15.78	60.49	100	0	P	V
			15870	47.24	-26.76	74	47.72	37.39	19.71	57.58	100	0	P	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	Limit Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
					(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 100 5500MHz		5459.12	54.34	-19.66	74	45.76	31.74	10.27	33.43	100	312	P	H	
		5466.32	53.39	-14.81	68.2	44.78	31.77	10.27	33.43	100	312	P	H	
		5453.2	41.09	-12.91	54	32.55	31.71	10.26	33.43	100	312	A	H	
	*	5500	101.2	-	-	92.42	31.9	10.31	33.43	100	312	P	H	
	*	5500	90.71	-	-	81.93	31.9	10.31	33.43	100	312	A	H	
														H
			5458.32	60.65	-13.35	74	52.09	31.73	10.26	33.43	385	344	P	V
			5465.52	61.99	-6.21	68.2	53.39	31.76	10.27	33.43	385	344	P	V
			5459.12	42.39	-11.61	54	33.81	31.74	10.27	33.43	385	344	A	V
	*		5500	112.32	-	-	103.54	31.9	10.31	33.43	385	344	P	V
	*		5500	102.61	-	-	93.83	31.9	10.31	33.43	385	344	A	V
														V
802.11a CH 116 5580MHz		5448.64	54.01	-19.99	74	45.51	31.69	10.25	33.44	100	298	P	H	
		5466.64	53.33	-14.87	68.2	44.72	31.77	10.27	33.43	100	298	P	H	
		5458.48	40.64	-13.36	54	32.08	31.73	10.26	33.43	100	298	A	H	
	*	5580	100.31	-	-	91.55	31.8	10.4	33.44	100	298	P	H	
	*	5580	90.35	-	-	81.59	31.8	10.4	33.44	100	298	A	H	
			5744.525	56.74	-11.46	68.2	47.57	32.09	10.54	33.46	100	298	P	H
			5452	54.36	-19.64	74	45.82	31.71	10.26	33.43	296	316	P	V
			5469.04	54.97	-13.23	68.2	46.34	31.78	10.28	33.43	296	316	P	V
			5452.72	41.4	-12.6	54	32.86	31.71	10.26	33.43	296	316	A	V
	*		5580	114.83	-	-	106.07	31.8	10.4	33.44	296	316	P	V
	*		5580	105.01	-	-	96.25	31.8	10.4	33.44	296	316	A	V
			5762.795	56.63	-11.57	68.2	47.42	32.13	10.55	33.47	296	316	P	V



802.11a CH 140 5700MHz	*	5700	102.99	-	-	93.95	32	10.5	33.46	108	285	P	H
	*	5700	92.77	-	-	83.73	32	10.5	33.46	108	285	A	H
		5743.56	56.5	-11.7	68.2	47.34	32.09	10.53	33.46	108	285	P	H
													H
													H
													H
	*	5700	115.58	-	-	106.54	32	10.5	33.46	367	342	P	V
	*	5700	105.75	-	-	96.71	32	10.5	33.46	367	342	A	V
		5736.36	62.72	-5.48	68.2	53.58	32.07	10.53	33.46	367	342	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	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	47.72	-26.28	74	52.92	40.2	16.1	61.5	100	0	P	H
		16500	47	-21.2	68.2	44.72	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	47.25	-26.75	74	52.45	40.2	16.1	61.5	100	0	P	V
		16500	47.11	-21.09	68.2	44.83	39.4	20.18	57.3	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.49	-27.51	74	52.17	39.62	16.23	61.53	100	0	P	H
		16740	51.14	-17.06	68.2	47.19	40.4	20.37	56.82	100	0	P	H
													H
													H
		11160	46.43	-27.57	74	52.11	39.62	16.23	61.53	100	0	P	V
		16740	48.71	-19.49	68.2	44.76	40.4	20.37	56.82	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	47.18	-26.82	74	52.74	39.6	16.42	61.58	100	0	P	H
		17100	49.32	-18.88	68.2	44.23	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	46.22	-27.78	74	51.78	39.6	16.42	61.58	100	0	P	V
		17100	50.64	-17.56	68.2	45.55	40.5	20.67	56.08	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	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 100 5500MHz		5426.64	54.61	-19.39	74	46.21	31.61	10.23	33.44	288	314	P	H	
		5467.92	58.23	-9.97	68.2	49.62	31.77	10.27	33.43	288	314	P	H	
		5440.4	40.59	-13.41	54	32.13	31.66	10.24	33.44	288	314	A	H	
	*	5500	100.69	-	-	91.91	31.9	10.31	33.43	288	314	P	H	
	*	5500	89.82	-	-	81.04	31.9	10.31	33.43	288	314	A	H	
														H
			5448.56	65.08	-8.92	74	56.58	31.69	10.25	33.44	297	15	P	V
			5465.2	64.17	-4.03	68.2	55.57	31.76	10.27	33.43	297	15	P	V
			5457.04	42.71	-11.29	54	34.15	31.73	10.26	33.43	297	15	A	V
	*		5500	111.49	-	-	102.71	31.9	10.31	33.43	297	15	P	V
	*		5500	101.1	-	-	92.32	31.9	10.31	33.43	297	15	A	V
														V
802.11n HT20 CH 116 5580MHz		5357.92	54.03	-19.97	74	45.97	31.33	10.17	33.44	300	314	P	H	
		5459.92	53.76	-20.24	74	45.18	31.74	10.27	33.43	300	314	P	H	
		5451.76	40.63	-13.37	54	32.09	31.71	10.26	33.43	300	314	A	H	
	*	5580	103.29	-	-	94.53	31.8	10.4	33.44	300	314	P	H	
	*	5580	92.42	-	-	83.66	31.8	10.4	33.44	300	314	A	H	
			5743.58	56.33	-11.87	68.2	47.17	32.09	10.53	33.46	300	314	P	H
			5365.84	55.02	-18.98	74	46.93	31.36	10.17	33.44	298	13	P	V
			5469.28	53.85	-14.35	68.2	45.22	31.78	10.28	33.43	298	13	P	V
			5452.72	41.67	-12.33	54	33.13	31.71	10.26	33.43	298	13	A	V
	*		5580	115.39	-	-	106.63	31.8	10.4	33.44	298	13	P	V
	*		5580	104.72	-	-	95.96	31.8	10.4	33.44	298	13	A	V
			5748.62	58.5	-9.7	68.2	49.32	32.1	10.54	33.46	298	13	P	V



802.11n HT20 CH 140 5700MHz	*	5700	100.93	-	-	91.89	32	10.5	33.46	306	302	P	H
	*	5700	90.1	-	-	81.06	32	10.5	33.46	306	302	A	H
		5743.48	57.58	-10.62	68.2	48.42	32.09	10.53	33.46	306	302	P	H
													H
													H
													H
	*	5700	112.3	-	-	103.26	32	10.5	33.46	301	321	P	V
	*	5700	101.7	-	-	92.66	32	10.5	33.46	301	321	A	V
		5725.08	62.43	-5.77	68.2	53.32	32.05	10.52	33.46	301	321	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	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 100 5500MHz		11000	47.1	-26.9	74	52.3	40.2	16.1	61.5	100	0	P	H
		16500	47.15	-21.05	68.2	44.87	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	47.17	-26.83	74	52.37	40.2	16.1	61.5	100	0	P	V
		16500	47.17	-21.03	68.2	44.89	39.4	20.18	57.3	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	46.04	-27.96	74	51.72	39.62	16.23	61.53	100	0	P	H
		16740	53.03	-15.17	68.2	49.08	40.4	20.37	56.82	100	0	P	H
													H
													H
		11160	46.62	-27.38	74	52.3	39.62	16.23	61.53	100	0	P	V
		16740	49.35	-18.85	68.2	45.4	40.4	20.37	56.82	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	45.89	-28.11	74	51.45	39.6	16.42	61.58	100	0	P	H
		17100	48.56	-19.64	68.2	43.47	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	45.97	-28.03	74	51.53	39.6	16.42	61.58	100	0	P	V
		17100	48.65	-19.55	68.2	43.56	40.5	20.67	56.08	100	0	P	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	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 102 5510MHz		5455.84	53.23	-20.77	74	44.68	31.72	10.26	33.43	301	35	P	H
		5469.52	53.89	-14.31	68.2	45.26	31.78	10.28	33.43	301	35	P	H
		5452.72	41.67	-12.33	54	33.13	31.71	10.26	33.43	301	35	A	H
	*	5510	98.84	-	-	90.07	31.88	10.32	33.43	301	35	P	H
	*	5510	89.13	-	-	80.36	31.88	10.32	33.43	301	35	A	H
		5749.25	54.48	-13.72	68.2	45.3	32.1	10.54	33.46	301	35	P	H
		5455.6	60.53	-13.47	74	51.98	31.72	10.26	33.43	296	298	P	V
		5464.72	62.13	-6.07	68.2	53.53	31.76	10.27	33.43	296	298	P	V
		5452.96	45.84	-8.16	54	37.3	31.71	10.26	33.43	296	298	A	V
	*	5510	111.9	-	-	103.13	31.88	10.32	33.43	296	298	P	V
	*	5510	101.87	-	-	93.1	31.88	10.32	33.43	296	298	A	V
		5726.885	56.25	-11.95	68.2	47.14	32.05	10.52	33.46	296	298	P	V
802.11n HT40 CH 110 5550MHz		5430.16	54.4	-19.6	74	45.99	31.62	10.23	33.44	155	7	P	H
		5460.4	53.5	-14.7	68.2	44.92	31.74	10.27	33.43	155	7	P	H
		5459.68	41.81	-12.19	54	33.23	31.74	10.27	33.43	155	7	A	H
	*	5550	101.43	-	-	92.71	31.8	10.36	33.44	155	7	P	H
	*	5550	91.85	-	-	83.13	31.8	10.36	33.44	155	7	A	H
		5750.195	55.27	-12.93	68.2	46.1	32.1	10.54	33.47	155	7	P	H
		5449.84	55.04	-18.96	74	46.53	31.7	10.25	33.44	320	320	P	V
		5465.92	56.15	-12.05	68.2	47.55	31.76	10.27	33.43	320	320	P	V
		5452.72	42.89	-11.11	54	34.35	31.71	10.26	33.43	320	320	A	V
	*	5550	114.49	-	-	105.77	31.8	10.36	33.44	320	320	P	V
	*	5550	103.81	-	-	95.09	31.8	10.36	33.44	320	320	A	V
		5742.32	54.89	-13.31	68.2	45.74	32.08	10.53	33.46	320	320	P	V



802.11n HT40 CH 134 5670MHz		5385.7	54.43	-19.57	74	46.24	31.44	10.19	33.44	282	39	P	H
		5463.75	53.77	-14.43	68.2	45.17	31.76	10.27	33.43	282	39	P	H
		5451.15	41.62	-12.38	54	33.09	31.7	10.26	33.43	282	39	A	H
	*	5670	99.9	-	-	91.05	31.82	10.48	33.45	282	39	P	H
	*	5670	90.39	-	-	81.54	31.82	10.48	33.45	282	39	A	H
		5743.125	55.52	-12.68	68.2	46.36	32.09	10.53	33.46	282	39	P	H
		5409.15	53.96	-20.04	74	45.65	31.54	10.21	33.44	302	318	P	V
		5465.85	53.06	-15.14	68.2	44.46	31.76	10.27	33.43	302	318	P	V
		5452.55	41.88	-12.12	54	33.34	31.71	10.26	33.43	302	318	A	V
	*	5670	112.9	-	-	104.05	31.82	10.48	33.45	302	318	P	V
	*	5670	103.23	-	-	94.38	31.82	10.48	33.45	302	318	A	V
		5738.225	61.44	-6.76	68.2	52.29	32.08	10.53	33.46	302	318	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	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 102 5510MHz		11020	46.34	-27.66	74	51.6	40.12	16.12	61.5	100	0	P	H
		16530	46.15	-22.05	68.2	43.79	39.4	20.2	57.24	100	0	P	H
													H
													H
		11020	45.87	-28.13	74	51.13	40.12	16.12	61.5	100	0	P	V
		16530	46.47	-21.73	68.2	44.11	39.4	20.2	57.24	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	46.88	-27.12	74	52.42	39.8	16.18	61.52	100	0	P	H
		16650	53.44	-14.76	68.2	50.34	39.8	20.3	57	100	0	P	H
													H
													H
		11100	46.64	-27.36	74	52.18	39.8	16.18	61.52	100	0	P	V
		16650	47.71	-20.49	68.2	44.61	39.8	20.3	57	100	0	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	46.67	-27.33	74	52.32	39.54	16.38	61.57	100	0	P	H
		17010	50.3	-17.9	68.2	45.49	40.5	20.59	56.28	100	0	P	H
													H
													H
		11340	46.31	-27.69	74	51.96	39.54	16.38	61.57	100	0	P	V
		17010	48.64	-19.56	68.2	43.83	40.5	20.59	56.28	100	0	P	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	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 106 5530MHz		5437.12	54.19	-19.81	74	45.74	31.65	10.24	33.44	303	316	P	H
		5461.84	54.66	-13.54	68.2	46.07	31.75	10.27	33.43	303	316	P	H
		5457.28	42	-12	54	33.44	31.73	10.26	33.43	303	316	A	H
	*	5530	96.19	-	-	87.44	31.84	10.34	33.43	303	316	P	H
	*	5530	85.92	-	-	77.17	31.84	10.34	33.43	303	316	A	H
		5749.25	54.37	-13.83	68.2	45.19	32.1	10.54	33.46	303	316	P	H
		5459.44	60.85	-13.15	74	52.27	31.74	10.27	33.43	317	322	P	V
		5463.28	62.51	-5.69	68.2	53.92	31.75	10.27	33.43	317	322	P	V
		5459.92	48.29	-5.71	54	39.71	31.74	10.27	33.43	317	322	A	V
	*	5530	108.19	-	-	99.44	31.84	10.34	33.43	317	322	P	V
	*	5530	98.1	-	-	89.35	31.84	10.34	33.43	317	322	A	V
		5726.885	54.89	-13.31	68.2	45.78	32.05	10.52	33.46	317	322	P	V
802.11ac VHT80 CH 122 5610MHz		5435.44	54.16	-19.84	74	45.72	31.64	10.24	33.44	303	302	P	H
		5468.32	52.68	-15.52	68.2	44.06	31.77	10.28	33.43	303	302	P	H
		5429.68	41.28	-12.72	54	32.87	31.62	10.23	33.44	303	302	A	H
	*	5610	99.85	-	-	91.09	31.78	10.43	33.45	303	302	P	H
	*	5610	89.58	-	-	80.82	31.78	10.43	33.45	303	302	A	H
		5762.48	58.26	-9.94	68.2	49.06	32.12	10.55	33.47	303	302	P	H
		5458.72	55.63	-18.37	74	47.07	31.73	10.26	33.43	306	319	P	V
		5466.88	57.99	-10.21	68.2	49.38	31.77	10.27	33.43	306	319	P	V
		5442.88	43.51	-10.49	54	35.03	31.67	10.25	33.44	306	319	A	V
	*	5610	112.08	-	-	103.32	31.78	10.43	33.45	306	319	P	V
	*	5610	101.69	-	-	92.93	31.78	10.43	33.45	306	319	A	V
		5726.255	61.61	-6.59	68.2	52.5	32.05	10.52	33.46	306	319	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	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 106 5530MHz		11060	45.74	-28.26	74	51.14	39.96	16.15	61.51	100	0	P	H
		16590	46.83	-21.37	68.2	44.3	39.4	20.25	57.12	100	0	P	H
													H
													H
		11060	45.25	-28.75	74	50.65	39.96	16.15	61.51	100	0	P	V
		16590	46.54	-21.66	68.2	44.01	39.4	20.25	57.12	100	0	P	V
													V
802.11ac VHT80 CH 122 5610MHz		11220	45.56	-28.44	74	51.32	39.5	16.28	61.54	100	0	P	H
		16830	47.58	-20.62	68.2	43.25	40.52	20.45	56.64	100	0	P	H
													H
													H
		11220	45.88	-28.12	74	51.64	39.5	16.28	61.54	100	0	P	V
		16830	47.91	-20.29	68.2	43.58	40.52	20.45	56.64	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5440.09	53.41	-20.59	74	44.95	31.66	10.24	33.44	100	285	P	H
		5459.98	52.51	-21.49	74	43.93	31.74	10.27	33.43	100	285	P	H
		5438.92	40.55	-13.45	54	32.09	31.66	10.24	33.44	100	285	A	H
	*	5720	98.19	-	-	89.09	32.04	10.52	33.46	100	285	P	H
	*	5720	88.07	-	-	78.97	32.04	10.52	33.46	100	285	A	H
		5928.75	55.2	-13	68.2	45.5	32.51	10.68	33.49	100	285	P	H
		5377.3	54.34	-19.66	74	46.19	31.41	10.18	33.44	288	299	P	V
		5465.83	53.98	-14.22	68.2	45.38	31.76	10.27	33.43	288	299	P	V
		5438.92	40.75	-13.25	54	32.29	31.66	10.24	33.44	288	299	A	V
	*	5720	112.69	-	-	103.59	32.04	10.52	33.46	288	299	P	V
	*	5720	103.16	-	-	94.06	32.04	10.52	33.46	288	299	A	V
			5923.5	57.67	-10.53	68.2	48	32.49	10.67	33.49	288	299	P
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)**

WIFI	Note	Frequency (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	46.32	-27.68	74	51.78	39.68	16.45	61.59	100	0	P	H
		17160	49.04	-19.16	68.2	43.72	40.56	20.71	55.95	100	0	P	H
													H
													H
		11440	46.4	-27.6	74	51.86	39.68	16.45	61.59	100	0	P	V
		17160	49.47	-18.73	68.2	44.15	40.56	20.71	55.95	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	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		5437.36	53.98	-20.02	74	45.53	31.65	10.24	33.44	300	36	P	H
		5460.37	53.68	-14.52	68.2	45.1	31.74	10.27	33.43	300	36	P	H
		5428.78	40.62	-13.38	54	32.21	31.62	10.23	33.44	300	36	A	H
	*	5720	100.47	-	-	91.37	32.04	10.52	33.46	300	36	P	H
	*	5720	90.74	-	-	81.64	32.04	10.52	33.46	300	36	A	H
		5932.75	55.83	-12.37	68.2	46.11	32.53	10.68	33.49	300	36	P	H
		5443.99	54.13	-19.87	74	45.64	31.68	10.25	33.44	282	36	P	V
		5466.61	53.84	-14.36	68.2	45.23	31.77	10.27	33.43	282	36	P	V
		5452.18	40.72	-13.28	54	32.18	31.71	10.26	33.43	282	36	A	V
	*	5720	112.29	-	-	103.19	32.04	10.52	33.46	282	36	P	V
	*	5720	102.12	-	-	93.02	32.04	10.52	33.46	282	36	A	V
		5941.75	57.03	-11.17	68.2	47.26	32.57	10.69	33.49	282	36	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	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		11440	46.47	-27.53	74	51.93	39.68	16.45	61.59	100	0	P	H	
		17160	48.97	-19.23	68.2	43.65	40.56	20.71	55.95	100	0	P	H	
													H	
													H	
			11440	46.46	-27.54	74	51.92	39.68	16.45	61.59	100	0	P	V
			17160	49.28	-18.92	68.2	43.96	40.56	20.71	55.95	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	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		5395.24	54.79	-19.21	74	46.55	31.48	10.2	33.44	294	312	P	H
		5468.56	52.97	-15.23	68.2	44.35	31.77	10.28	33.43	294	312	P	H
		5447.5	41.4	-12.6	54	32.9	31.69	10.25	33.44	294	312	A	H
	*	5710	102.33	-	-	93.26	32.02	10.51	33.46	294	312	P	H
	*	5710	92.17	-	-	83.1	32.02	10.51	33.46	294	312	A	H
		5870.5	56.12	-12.08	68.2	46.63	32.34	10.63	33.48	294	312	P	H
		5424.88	53.15	-20.85	74	44.76	31.6	10.23	33.44	308	330	P	V
		5459.98	52.77	-21.23	74	44.19	31.74	10.27	33.43	308	330	P	V
		5432.29	41.75	-12.25	54	33.32	31.63	10.24	33.44	308	330	A	V
	*	5710	114.31	-	-	105.24	32.02	10.51	33.46	308	330	P	V
	*	5710	104.23	-	-	95.16	32.02	10.51	33.46	308	330	A	V
		5933.75	57.88	-10.32	68.2	48.16	32.53	10.68	33.49	308	330	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	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		11420	46.97	-27.03	74	52.48	39.64	16.43	61.58	100	0	P	H	
		17130	49.27	-18.93	68.2	44.05	40.53	20.7	56.01	100	0	P	H	
													H	
													H	
			11420	47.1	-26.9	74	52.61	39.64	16.43	61.58	100	0	P	V
			17130	49.44	-18.76	68.2	44.22	40.53	20.7	56.01	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	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 138 5690MHz		5458.03	53.82	-20.18	74	45.26	31.73	10.26	33.43	300	302	P	H
		5460.37	53.79	-14.41	68.2	45.21	31.74	10.27	33.43	300	302	P	H
		5459.59	41.27	-12.73	54	32.69	31.74	10.27	33.43	300	302	A	H
	*	5690	100.79	-	-	91.82	31.94	10.49	33.46	300	302	P	H
	*	5690	90.25	-	-	81.28	31.94	10.49	33.46	300	302	A	H
		5861.75	54.88	-13.32	68.2	45.41	32.32	10.63	33.48	300	302	P	H
		5441.65	53.87	-20.13	74	45.39	31.67	10.25	33.44	306	321	P	V
		5467	53.23	-14.97	68.2	44.62	31.77	10.27	33.43	306	321	P	V
		5444.38	41.7	-12.3	54	33.21	31.68	10.25	33.44	306	321	A	V
	*	5690	113.96	-	-	104.99	31.94	10.49	33.46	306	321	P	V
	*	5690	102.66	-	-	93.69	31.94	10.49	33.46	306	321	A	V
		5850.25	61.59	-6.61	68.2	52.15	32.3	10.62	33.48	306	321	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)

Table with 14 columns: WIFI, 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). Rows include data for 802.11ac VHT80 CH 138 5690MHz and a Remark section.



Emission below 1GHz
WIFI 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11n HT20 LF		52.31	31.65	-8.35	40	47.71	13.37	1.04	30.47	-	-	P	H	
		101.78	34.08	-9.42	43.5	47.04	16.01	1.46	30.43	-	-	P	H	
		194.9	30.38	-13.12	43.5	43.9	14.83	1.98	30.33	-	-	P	H	
		839.95	33.23	-12.77	46	29.93	28.46	4.07	29.23	-	-	P	H	
		892.33	37.79	-8.21	46	33.77	28.94	4.23	29.15	100	0	P	H	
		958.29	36.2	-9.8	46	29.83	30.88	4.46	28.97	-	-	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
			52.31	33.91	-6.09	40	49.97	13.37	1.04	30.47	100	0	P	V
			101.78	33.21	-10.29	43.5	46.17	16.01	1.46	30.43	-	-	P	V
			119.24	36.13	-7.37	43.5	47.87	17.2	1.47	30.41	-	-	P	V
			887.48	39.18	-6.82	46	35.15	28.97	4.22	29.16	-	-	P	V
			894.27	39.47	-6.53	46	35.45	28.93	4.24	29.15	-	-	P	V
			955.38	35.25	-10.75	46	29	30.77	4.46	28.98	-	-	P	V
													V	
													V	
												V		
												V		
												V		
												V		
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



Note symbol

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



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		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		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”.



<For Antenna 4>

<Chain 1>

Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5146.38	68.04	-5.96	74	59.62	31.91	9.98	33.47	296	283	P	H	
		5150	49.1	-4.9	54	40.69	31.9	9.98	33.47	296	283	A	H	
	*	5180	117.29	-	-	108.95	31.78	10.02	33.46	296	283	P	H	
	*	5180	107.11	-	-	98.77	31.78	10.02	33.46	296	283	A	H	
													H	
														H
			5148.72	63.73	-10.27	74	55.32	31.9	9.98	33.47	399	25	P	V
			5150	44.39	-9.61	54	35.98	31.9	9.98	33.47	399	25	A	V
	*		5180	112.24	-	-	103.9	31.78	10.02	33.46	399	25	P	V
	*		5180	102.02	-	-	93.68	31.78	10.02	33.46	399	25	A	V
														V
														V
802.11a CH 44 5220MHz		5147.42	57.85	-16.15	74	49.43	31.91	9.98	33.47	295	283	P	H	
		5145.6	42.79	-11.21	54	34.38	31.91	9.97	33.47	295	283	A	H	
	*	5220	117.6	-	-	109.42	31.58	10.06	33.46	295	283	P	H	
	*	5220	107.32	-	-	99.14	31.58	10.06	33.46	295	283	A	H	
			5376.28	55.14	-18.86	74	46.99	31.41	10.18	33.44	295	283	P	H
			5453	42.17	-11.83	54	33.63	31.71	10.26	33.43	295	283	A	H
			5045.76	54.27	-19.73	74	46.13	31.77	9.85	33.48	369	29	P	V
			5147.16	40.9	-13.1	54	32.48	31.91	9.98	33.47	369	29	A	V
	*		5220	112.1	-	-	103.92	31.58	10.06	33.46	369	29	P	V
	*		5220	101.9	-	-	93.72	31.58	10.06	33.46	369	29	A	V
			5460	54.23	-19.77	74	45.65	31.74	10.27	33.43	369	29	P	V
			5367.04	40.61	-13.39	54	32.51	31.37	10.17	33.44	369	29	A	V



802.11a CH 48 5240MHz		5147.94	54.85	-19.15	74	46.44	31.9	9.98	33.47	309	284	P	H
		5149.5	41.84	-12.16	54	33.43	31.9	9.98	33.47	309	284	A	H
	*	5240	117.27	-	-	109.2	31.46	10.07	33.46	309	284	P	H
	*	5240	106.92	-	-	98.85	31.46	10.07	33.46	309	284	A	H
		5360.32	57.16	-16.84	74	49.09	31.34	10.17	33.44	309	284	P	H
		5374.32	42.45	-11.55	54	34.31	31.4	10.18	33.44	309	284	A	H
		5143	53.91	-20.09	74	45.5	31.91	9.97	33.47	364	3	P	V
		5148.2	40.58	-13.42	54	32.17	31.9	9.98	33.47	364	3	A	V
	*	5240	110.58	-	-	102.51	31.46	10.07	33.46	364	3	P	V
	*	5240	100.65	-	-	92.58	31.46	10.07	33.46	364	3	A	V
		5356.12	54.1	-19.9	74	46.06	31.32	10.16	33.44	364	3	P	V
		5386.36	40.5	-13.5	54	32.3	31.45	10.19	33.44	364	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	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	47.25	-20.95	68.2	52.06	39.58	15.6	59.99	100	0	P	H
		15540	61.15	-12.85	74	61.38	38.22	19.59	58.04	203	193	P	H
		15540	47.43	-6.57	54	47.66	38.22	19.59	58.04	203	193	A	H
													H
		10360	47.23	-20.97	68.2	52.04	39.58	15.6	59.99	100	0	P	V
		15540	60.31	-13.69	74	60.54	38.22	19.59	58.04	201	190	P	V
		15540	46.86	-7.14	54	47.09	38.22	19.59	58.04	201	190	A	V
802.11a CH 44 5220MHz		10440	47.4	-20.8	68.2	52.2	39.7	15.67	60.17	100	0	P	H
		15660	65.54	-8.46	74	65.98	37.8	19.64	57.88	202	162	P	H
		15660	50.82	-3.18	54	51.26	37.8	19.64	57.88	202	162	A	H
													H
		10440	46.96	-21.24	68.2	51.76	39.7	15.67	60.17	100	0	P	V
		15660	64.34	-9.66	74	64.78	37.8	19.64	57.88	200	182	P	V
		15660	49.69	-4.31	54	50.13	37.8	19.64	57.88	200	182	A	V
802.11a CH 48 5240MHz		10480	47.62	-20.58	68.2	52.48	39.7	15.7	60.26	100	0	P	H
		15720	64.34	-9.66	74	64.72	37.76	19.65	57.79	217	164	P	H
		15720	49.22	-4.78	54	49.6	37.76	19.65	57.79	217	164	A	H
													H
		10480	47.04	-21.16	68.2	51.9	39.7	15.7	60.26	100	0	P	V
		15720	62.52	-11.48	74	62.9	37.76	19.65	57.79	202	188	P	V
		15720	47.34	-6.66	54	47.72	37.76	19.65	57.79	202	188	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 (Band Edge @ 3m)

WIFI	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 36 5180MHz		5144.3	67.08	-6.92	74	58.67	31.91	9.97	33.47	246	289	P	H	
		5149.76	48.34	-5.66	54	39.93	31.9	9.98	33.47	246	289	A	H	
	*	5180	115.95	-	-	107.61	31.78	10.02	33.46	246	289	P	H	
	*	5180	105.32	-	-	96.98	31.78	10.02	33.46	246	289	A	H	
													H	
														H
			5148.46	61.16	-12.84	74	52.75	31.9	9.98	33.47	377	24	P	V
			5149.5	43.59	-10.41	54	35.18	31.9	9.98	33.47	377	24	A	V
		*	5180	111.57	-	-	103.23	31.78	10.02	33.46	377	24	P	V
		*	5180	100.83	-	-	92.49	31.78	10.02	33.46	377	24	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5147.16	59.02	-14.98	74	50.6	31.91	9.98	33.47	261	278	P	H	
		5145.6	43.08	-10.92	54	34.67	31.91	9.97	33.47	261	278	A	H	
		* 5220	117.06	-	-	108.88	31.58	10.06	33.46	261	278	P	H	
		* 5220	106.64	-	-	98.46	31.58	10.06	33.46	261	278	A	H	
			5432.84	56	-18	74	47.57	31.63	10.24	33.44	261	278	P	H
			5354.44	41.97	-12.03	54	33.93	31.32	10.16	33.44	261	278	A	H
			5088.4	53.81	-20.19	74	45.42	31.95	9.91	33.47	370	42	P	V
			5148.98	40.69	-13.31	54	32.28	31.9	9.98	33.47	370	42	A	V
		*	5220	110.24	-	-	102.06	31.58	10.06	33.46	370	42	P	V
		*	5220	99.46	-	-	91.28	31.58	10.06	33.46	370	42	A	V
		5382.16	54.42	-19.58	74	46.24	31.43	10.19	33.44	370	42	P	V	
		5458.6	40.51	-13.49	54	31.95	31.73	10.26	33.43	370	42	A	V	



802.11n HT20 CH 48 5240MHz		5142.74	56.72	-17.28	74	48.31	31.91	9.97	33.47	342	284	P	H
		5145.6	41.66	-12.34	54	33.25	31.91	9.97	33.47	342	284	A	H
	*	5240	116.32	-	-	108.25	31.46	10.07	33.46	342	284	P	H
	*	5240	105.71	-	-	97.64	31.46	10.07	33.46	342	284	A	H
		5351.92	56.28	-17.72	74	48.25	31.31	10.16	33.44	342	284	P	H
		5453	42.09	-11.91	54	33.55	31.71	10.26	33.43	342	284	A	H
		5070.2	54.05	-19.95	74	45.76	31.88	9.88	33.47	364	0	P	V
		5146.12	40.7	-13.3	54	32.28	31.91	9.98	33.47	364	0	A	V
	*	5240	109.93	-	-	101.86	31.46	10.07	33.46	364	0	P	V
	*	5240	99.21	-	-	91.14	31.46	10.07	33.46	364	0	A	V
		5443.2	54.63	-19.37	74	46.15	31.67	10.25	33.44	364	0	P	V
		5423.88	40.52	-13.48	54	32.13	31.6	10.23	33.44	364	0	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	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 36 5180MHz		10360	47.5	-20.7	68.2	52.31	39.58	15.6	59.99	100	0	P	H
		15540	63.28	-10.72	74	63.51	38.22	19.59	58.04	206	193	P	H
		15540	46.87	-7.13	54	47.1	38.22	19.59	58.04	206	193	A	H
													H
		10360	47.29	-20.91	68.2	52.1	39.58	15.6	59.99	100	0	P	V
		15540	61.93	-12.07	74	62.16	38.22	19.59	58.04	211	157	P	V
		15540	46.18	-7.82	54	46.41	38.22	19.59	58.04	211	157	A	V
													V
802.11n HT20 CH 44 5220MHz		10440	47.52	-20.68	68.2	52.32	39.7	15.67	60.17	100	0	P	H
		15660	67.75	-6.25	74	68.19	37.8	19.64	57.88	206	163	P	H
		15660	50.17	-3.83	54	50.61	37.8	19.64	57.88	206	163	A	H
													H
		10440	47.89	-20.31	68.2	52.69	39.7	15.67	60.17	100	0	P	V
		15660	66.29	-7.71	74	66.73	37.8	19.64	57.88	203	190	P	V
		15660	48.64	-5.36	54	49.08	37.8	19.64	57.88	203	190	A	V
													V
802.11n HT20 CH 48 5240MHz		10480	47.2	-21	68.2	52.06	39.7	15.7	60.26	100	0	P	H
		15720	65.64	-8.36	74	66.02	37.76	19.65	57.79	214	163	P	H
		15720	48.37	-5.63	54	48.75	37.76	19.65	57.79	214	163	A	H
													H
		10480	47.25	-20.95	68.2	52.11	39.7	15.7	60.26	100	0	P	V
		15720	63.18	-10.82	74	63.56	37.76	19.65	57.79	200	208	P	V
		15720	46	-8	54	46.38	37.76	19.65	57.79	200	208	A	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	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		5150	65.28	-8.72	74	56.87	31.9	9.98	33.47	263	279	P	H
		5149.76	46.72	-7.28	54	38.31	31.9	9.98	33.47	263	279	A	H
	*	5190	110.48	-	-	102.17	31.74	10.03	33.46	263	279	P	H
	*	5190	100.42	-	-	92.11	31.74	10.03	33.46	263	279	A	H
		5379.08	54.48	-19.52	74	46.32	31.42	10.18	33.44	263	279	P	H
		5376	42.7	-11.3	54	34.56	31.4	10.18	33.44	263	279	A	H
		5149.76	58.51	-15.49	74	50.1	31.9	9.98	33.47	377	45	P	V
		5150	42.75	-11.25	54	34.34	31.9	9.98	33.47	377	45	A	V
	*	5190	104.75	-	-	96.44	31.74	10.03	33.46	377	45	P	V
	*	5190	94.76	-	-	86.45	31.74	10.03	33.46	377	45	A	V
		5383	54.69	-19.31	74	46.51	31.43	10.19	33.44	377	45	P	V
		5426.12	41.46	-12.54	54	33.07	31.6	10.23	33.44	377	45	A	V
802.11n HT40 CH 46 5230MHz		5145.86	60.95	-13.05	74	52.53	31.91	9.98	33.47	295	284	P	H
		5149.5	45.21	-8.79	54	36.8	31.9	9.98	33.47	295	284	A	H
	*	5230	114.3	-	-	106.18	31.52	10.06	33.46	295	284	P	H
	*	5230	104.35	-	-	96.23	31.52	10.06	33.46	295	284	A	H
		5350.24	62.87	-11.13	74	54.85	31.3	10.16	33.44	295	284	P	H
		5350	44.44	-9.56	54	36.42	31.3	10.16	33.44	295	284	A	H
		5140.14	54.91	-19.09	74	46.49	31.92	9.97	33.47	366	24	P	V
		5145.6	41.7	-12.3	54	33.29	31.91	9.97	33.47	366	24	A	V
	*	5230	107.84	-	-	99.72	31.52	10.06	33.46	366	24	P	V
	*	5230	96.98	-	-	88.86	31.52	10.06	33.46	366	24	A	V
	5350.24	54.89	-19.11	74	46.87	31.3	10.16	33.44	366	24	P	V	
	5376.28	41.75	-12.25	54	33.6	31.41	10.18	33.44	366	24	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	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		10380	47.78	-20.42	68.2	52.56	39.64	15.62	60.04	100	0	P	H
		15570	45.87	-28.13	74	46.26	38.01	19.6	58	100	0	P	H
													H
													H
		10380	47.17	-21.03	68.2	51.95	39.64	15.62	60.04	100	0	P	V
		15570	45.91	-28.09	74	46.3	38.01	19.6	58	100	0	P	V
													V
802.11n HT40 CH 46 5230MHz		10460	46.58	-21.62	68.2	51.41	39.7	15.68	60.21	100	0	P	H
		15690	60.45	-13.55	74	60.84	37.8	19.64	57.83	213	196	P	H
		15690	47.33	-6.67	54	47.72	37.8	19.64	57.83	213	196	A	H
													H
		10460	47.15	-21.05	68.2	51.98	39.7	15.68	60.21	100	0	P	V
		15690	59.01	-14.99	74	59.4	37.8	19.64	57.83	200	189	P	V
		15690	46.25	-7.75	54	46.64	37.8	19.64	57.83	200	189	A	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	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		5148.72	61.33	-12.67	74	52.92	31.9	9.98	33.47	263	282	P	H
		5147.42	45.47	-8.53	54	37.05	31.91	9.98	33.47	263	282	A	H
	*	5210	106.96	-	-	98.73	31.64	10.05	33.46	263	282	P	H
	*	5210	97.14	-	-	88.91	31.64	10.05	33.46	263	282	A	H
		5442.92	55.44	-18.56	74	46.96	31.67	10.25	33.44	263	282	P	H
		5453.28	42.9	-11.1	54	34.36	31.71	10.26	33.43	263	282	A	H
		5148.2	53.38	-20.62	74	44.97	31.9	9.98	33.47	374	41	P	V
		5148.98	41.84	-12.16	54	33.43	31.9	9.98	33.47	374	41	A	V
	*	5210	100.55	-	-	92.32	31.64	10.05	33.46	374	41	P	V
	*	5210	90.7	-	-	82.47	31.64	10.05	33.46	374	41	A	V
		5436.48	53.93	-20.07	74	45.48	31.65	10.24	33.44	374	41	P	V
		5459.72	41.5	-12.5	54	32.92	31.74	10.27	33.43	374	41	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	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		10420	46.67	-21.53	68.2	51.44	39.7	15.65	60.12	100	0	P	H
		15630	45.98	-28.02	74	46.48	37.8	19.62	57.92	100	0	P	H
													H
													H
		10420	46.49	-21.71	68.2	51.26	39.7	15.65	60.12	100	0	P	V
		15630	45.07	-28.93	74	45.57	37.8	19.62	57.92	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	Limit	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
					Line	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5132.26	55.15	-18.85	74	46.72	31.94	9.96	33.47	237	285	P	H
		5145.52	41.05	-12.95	54	32.64	31.91	9.97	33.47	237	285	A	H
	*	5260	117.11	-	-	109.09	31.38	10.09	33.45	237	285	P	H
	*	5260	107.1	-	-	99.08	31.38	10.09	33.45	237	285	A	H
		5352	59.89	-14.11	74	51.86	31.31	10.16	33.44	237	285	P	H
		5355.84	43.32	-10.68	54	35.28	31.32	10.16	33.44	237	285	A	H
		5080.24	53.73	-20.27	74	45.38	31.92	9.9	33.47	400	17	P	V
		5145.52	40.6	-13.4	54	32.19	31.91	9.97	33.47	400	17	A	V
	*	5260	110.57	-	-	102.55	31.38	10.09	33.45	400	17	P	V
	*	5260	100.62	-	-	92.6	31.38	10.09	33.45	400	17	A	V
		5390.16	54.32	-19.68	74	46.11	31.46	10.19	33.44	400	17	P	V
		5452.08	40.64	-13.36	54	32.1	31.71	10.26	33.43	400	17	A	V
802.11a CH 60 5300MHz		5133.96	54.31	-19.69	74	45.89	31.93	9.96	33.47	276	283	P	H
		5145.86	40.99	-13.01	54	32.57	31.91	9.98	33.47	276	283	A	H
	*	5300	117.1	-	-	109.13	31.3	10.12	33.45	276	283	P	H
	*	5300	106.85	-	-	98.88	31.3	10.12	33.45	276	283	A	H
		5350.8	68.21	-5.79	74	60.19	31.3	10.16	33.44	276	283	P	H
		5352.96	46.37	-7.63	54	38.34	31.31	10.16	33.44	276	283	A	H
		5105.06	54.08	-19.92	74	45.63	31.99	9.93	33.47	400	6	P	V
		5142.46	40.56	-13.44	54	32.14	31.92	9.97	33.47	400	6	A	V
	*	5300	111.26	-	-	103.29	31.3	10.12	33.45	400	6	P	V
	*	5300	101.25	-	-	93.28	31.3	10.12	33.45	400	6	A	V
		5351.52	57.09	-16.91	74	49.06	31.31	10.16	33.44	400	6	P	V
		5404.08	40.81	-13.19	54	32.53	31.52	10.2	33.44	400	6	A	V



802.11a CH 64 5320MHz	*	5320	116.78	-	-	108.79	31.3	10.14	33.45	269	286	P	H
	*	5320	106.98	-	-	98.99	31.3	10.14	33.45	269	286	A	H
		5353.12	69.88	-4.12	74	61.85	31.31	10.16	33.44	269	286	P	H
		5350.08	50.49	-3.51	54	42.47	31.3	10.16	33.44	269	286	A	H
													H
													H
	*	5320	112.08	-	-	104.09	31.3	10.14	33.45	399	24	P	V
	*	5320	101.6	-	-	93.61	31.3	10.14	33.45	399	24	A	V
		5350.24	62.78	-11.22	74	54.76	31.3	10.16	33.44	399	24	P	V
		5350.08	44.15	-9.85	54	36.13	31.3	10.16	33.44	399	24	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	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	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	48.43	-19.77	68.2	53.31	39.74	15.73	60.35	100	0	P	H	
		15780	66.04	-7.96	74	66.43	37.64	19.68	57.71	208	195	P	H	
		15780	50.76	-3.24	54	51.15	37.64	19.68	57.71	208	195	A	H	
													H	
		10520	47.9	-20.3	68.2	52.78	39.74	15.73	60.35	100	0	P	V	
		15780	63.68	-10.32	74	64.07	37.64	19.68	57.71	100	183	P	V	
		15780	48.55	-5.45	54	48.94	37.64	19.68	57.71	100	183	A	V	
														V
802.11a CH 60 5300MHz		10600	48.45	-25.55	74	53.29	39.9	15.8	60.54	100	0	P	H	
		15900	57.11	-16.89	74	57.62	37.3	19.73	57.54	204	193	P	H	
		15900	43.79	-10.21	54	44.3	37.3	19.73	57.54	204	193	A	H	
													H	
		10600	47.51	-26.49	74	52.35	39.9	15.8	60.54	100	0	P	V	
		15900	48.7	-25.3	74	49.21	37.3	19.73	57.54	100	0	P	V	
														V
														V
802.11a CH 64 5320MHz		10640	48.05	-25.95	74	53.01	39.86	15.82	60.64	100	0	P	H	
		15960	58.86	-15.14	74	59.22	37.36	19.74	57.46	209	162	P	H	
		15960	44.88	-9.12	54	45.24	37.36	19.74	57.46	209	162	A	H	
													H	
		10640	46.99	-27.01	74	51.95	39.86	15.82	60.64	100	0	P	V	
		15960	51.52	-22.48	74	51.88	37.36	19.74	57.46	100	183	P	V	
		15960	38.18	-15.82	54	38.54	37.36	19.74	57.46	100	183	A	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	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 52 5260MHz		5134.3	53.86	-20.14	74	45.44	31.93	9.96	33.47	309	285	P	H
		5146.2	40.98	-13.02	54	32.56	31.91	9.98	33.47	309	285	A	H
	*	5260	117.55	-	-	109.53	31.38	10.09	33.45	309	285	P	H
	*	5260	106.74	-	-	98.72	31.38	10.09	33.45	309	285	A	H
		5355.12	58.48	-15.52	74	50.44	31.32	10.16	33.44	309	285	P	H
		5353.68	42.83	-11.17	54	34.8	31.31	10.16	33.44	309	285	A	H
		5126.48	53.96	-20.04	74	45.53	31.95	9.95	33.47	400	0	P	V
		5146.88	40.68	-13.32	54	32.26	31.91	9.98	33.47	400	0	A	V
	*	5260	110.57	-	-	102.55	31.38	10.09	33.45	400	0	P	V
	*	5260	100.27	-	-	92.25	31.38	10.09	33.45	400	0	A	V
		5401.44	54.87	-19.13	74	46.6	31.51	10.2	33.44	400	0	P	V
		5453.04	40.83	-13.17	54	32.29	31.71	10.26	33.43	400	0	A	V
802.11n HT20 CH 60 5300MHz		5146.2	54.05	-19.95	74	45.63	31.91	9.98	33.47	321	288	P	H
		5145.52	40.95	-13.05	54	32.54	31.91	9.97	33.47	321	288	A	H
	*	5300	116.92	-	-	108.95	31.3	10.12	33.45	321	288	P	H
	*	5300	106.14	-	-	98.17	31.3	10.12	33.45	321	288	A	H
		5350.56	66.49	-7.51	74	58.47	31.3	10.16	33.44	321	288	P	H
		5359.68	45.93	-8.07	54	37.86	31.34	10.17	33.44	321	288	A	H
		5111.52	53.83	-20.17	74	45.39	31.98	9.93	33.47	399	17	P	V
		5141.78	40.64	-13.36	54	32.22	31.92	9.97	33.47	399	17	A	V
	*	5300	111.18	-	-	103.21	31.3	10.12	33.45	399	17	P	V
	*	5300	100.58	-	-	92.61	31.3	10.12	33.45	399	17	A	V
	5350.8	58.98	-15.02	74	50.96	31.3	10.16	33.44	399	17	P	V	
	5351.76	41.03	-12.97	54	33	31.31	10.16	33.44	399	17	A	V	



802.11n HT20 CH 64 5320MHz	*	5320	116.66	-	-	108.67	31.3	10.14	33.45	294	285	P	H
	*	5320	105.95	-	-	97.96	31.3	10.14	33.45	294	285	A	H
		5350.4	70.3	-3.7	74	62.28	31.3	10.16	33.44	294	285	P	H
		5350.72	50.56	-3.44	54	42.54	31.3	10.16	33.44	294	285	A	H
													H
													H
	*	5320	111.02	-	-	103.03	31.3	10.14	33.45	399	38	P	V
	*	5320	100.3	-	-	92.31	31.3	10.14	33.45	399	38	A	V
		5352.64	62.35	-11.65	74	54.32	31.31	10.16	33.44	399	38	P	V
		5350.56	43.88	-10.12	54	35.86	31.3	10.16	33.44	399	38	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	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	51.15	-17.05	68.2	56.03	39.74	15.73	60.35	100	0	P	H
		15780	60.15	-13.85	74	60.54	37.64	19.68	57.71	213	162	P	H
		15780	44.09	-9.91	54	44.48	37.64	19.68	57.71	213	162	A	H
													H
		10520	48.35	-19.85	68.2	53.23	39.74	15.73	60.35	100	0	P	V
		15780	55.04	-18.96	74	55.43	37.64	19.68	57.71	100	159	P	V
		15780	39.42	-14.58	54	39.81	37.64	19.68	57.71	100	159	A	V
													V
802.11n HT20 CH 60 5300MHz		10600	47.84	-26.16	74	52.68	39.9	15.8	60.54	100	0	P	H
		15900	64.63	-9.37	74	65.14	37.3	19.73	57.54	218	163	P	H
		15900	47.87	-6.13	54	48.38	37.3	19.73	57.54	218	163	A	H
													H
		10600	47.05	-26.95	74	51.89	39.9	15.8	60.54	100	0	P	V
		15900	63.83	-10.17	74	64.34	37.3	19.73	57.54	100	182	P	V
		15900	47.05	-6.95	54	47.56	37.3	19.73	57.54	100	182	A	V
													V
802.11n HT20 CH 64 5320MHz		10640	46.95	-27.05	74	51.91	39.86	15.82	60.64	100	0	P	H
		15960	66.93	-7.07	74	67.29	37.36	19.74	57.46	211	154	P	H
		15960	49.29	-4.71	54	49.65	37.36	19.74	57.46	211	154	A	H
													H
		10640	47.42	-26.58	74	52.38	39.86	15.82	60.64	100	0	P	V
		15960	66.31	-7.69	74	66.67	37.36	19.74	57.46	100	176	P	V
		15960	48.85	-5.15	54	49.21	37.36	19.74	57.46	100	176	A	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	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		5111.52	53.74	-20.26	74	45.3	31.98	9.93	33.47	283	283	P	H
		5143.14	42.08	-11.92	54	33.67	31.91	9.97	33.47	283	283	A	H
	*	5310	110.54	-	-	102.56	31.3	10.13	33.45	283	283	P	H
	*	5310	100.62	-	-	92.64	31.3	10.13	33.45	283	283	A	H
		5357.76	67.16	-6.84	74	59.1	31.33	10.17	33.44	283	283	P	H
		5350.8	51.36	-2.64	54	43.34	31.3	10.16	33.44	283	283	A	H
		5130.22	53.31	-20.69	74	44.88	31.94	9.96	33.47	400	24	P	V
		5142.46	41.48	-12.52	54	33.06	31.92	9.97	33.47	400	24	A	V
	*	5310	104.97	-	-	96.99	31.3	10.13	33.45	400	24	P	V
	*	5310	95.02	-	-	87.04	31.3	10.13	33.45	400	24	A	V
		5357.28	56.9	-17.1	74	48.84	31.33	10.17	33.44	400	24	P	V
		5351.04	42.98	-11.02	54	34.96	31.3	10.16	33.44	400	24	A	V
802.11n HT40 CH 62 5310MHz		5111.52	53.74	-20.26	74	45.3	31.98	9.93	33.47	283	283	P	H
		5143.14	42.08	-11.92	54	33.67	31.91	9.97	33.47	283	283	A	H
	*	5310	110.54	-	-	102.56	31.3	10.13	33.45	283	283	P	H
	*	5310	100.62	-	-	92.64	31.3	10.13	33.45	283	283	A	H
		5357.76	67.16	-6.84	74	59.1	31.33	10.17	33.44	283	283	P	H
		5350.8	51.36	-2.64	54	43.34	31.3	10.16	33.44	283	283	A	H
		5130.22	53.31	-20.69	74	44.88	31.94	9.96	33.47	400	24	P	V
		5142.46	41.48	-12.52	54	33.06	31.92	9.97	33.47	400	24	A	V
	*	5310	104.97	-	-	96.99	31.3	10.13	33.45	400	24	P	V
	*	5310	95.02	-	-	87.04	31.3	10.13	33.45	400	24	A	V
		5357.28	56.9	-17.1	74	48.84	31.33	10.17	33.44	400	24	P	V
		5351.04	42.98	-11.02	54	34.96	31.3	10.16	33.44	400	24	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	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		10620	46.54	-27.46	74	51.45	39.88	15.27	60.59	100	0	P	H
		15930	46.58	-27.42	74	47.01	37.33	19.01	57.5	100	0	P	H
		15810	48.58	-5.42	54	48.99	37.57	19.69	57.67	217	163	A	H
													H
		10620	47.6	-26.4	74	52.51	39.88	15.27	60.59	100	0	P	V
		15930	46.33	-27.67	74	46.76	37.33	19.01	57.5	100	0	P	V
		15810	47.31	-6.69	54	47.72	37.57	19.69	57.67	100	183	A	V
802.11n HT40 CH 62 5310MHz		10620	46.54	-27.46	74	51.45	39.88	15.8	60.59	100	0	P	H
		15930	46.58	-27.42	74	47.01	37.33	19.74	57.5	100	0	P	H
													H
													H
		10620	47.6	-26.4	74	52.51	39.88	15.8	60.59	100	0	P	V
		15930	46.33	-27.67	74	46.76	37.33	19.74	57.5	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	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 58 5290MHz		5145.52	54.5	-19.5	74	46.09	31.91	9.97	33.47	100	285	P	H
		5144.5	42.09	-11.91	54	33.68	31.91	9.97	33.47	100	285	A	H
	*	5290	105.87	-	-	97.89	31.32	10.11	33.45	100	285	P	H
	*	5290	95.61	-	-	87.63	31.32	10.11	33.45	100	285	A	H
		5360.16	64.37	-9.63	74	56.3	31.34	10.17	33.44	100	285	P	H
		5350.08	50.44	-3.56	54	42.42	31.3	10.16	33.44	100	285	A	H
		5036.04	53.52	-20.48	74	45.47	31.69	9.84	33.48	400	17	P	V
		5146.54	41.46	-12.54	54	33.04	31.91	9.98	33.47	400	17	A	V
	*	5290	99.7	-	-	91.72	31.32	10.11	33.45	400	17	P	V
	*	5290	89.64	-	-	81.66	31.32	10.11	33.45	400	17	A	V
		5357.04	55.32	-18.68	74	47.26	31.33	10.17	33.44	400	17	P	V
	5351.52	42.22	-11.78	54	34.19	31.31	10.16	33.44	400	17	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	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 58 5290MHz		10580	47.21	-20.99	68.2	52.06	39.86	15.78	60.49	100	0	P	H
		15870	45.86	-28.14	74	46.34	37.39	19.71	57.58	100	0	P	H
													H
													H
		10580	47.15	-21.05	68.2	52	39.86	15.78	60.49	100	0	P	V
		15870	46.18	-27.82	74	46.66	37.39	19.71	57.58	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	Limit	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
					Line	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 100 5500MHz		5458.48	64.71	-9.29	74	56.15	31.73	10.26	33.43	299	284	P	H	
		5466.16	66.35	-1.85	68.2	57.75	31.76	10.27	33.43	299	284	P	H	
		5442.48	46.65	-7.35	54	38.17	31.67	10.25	33.44	299	284	A	H	
	*	5500	115.54	-	-	106.76	31.9	10.31	33.43	299	284	P	H	
	*	5500	105.3	-	-	96.52	31.9	10.31	33.43	299	284	A	H	
														H
			5455.6	55.62	-18.38	74	47.07	31.72	10.26	33.43	400	336	P	V
			5466	58.67	-9.53	68.2	50.07	31.76	10.27	33.43	400	336	P	V
			5457.84	41.32	-12.68	54	32.76	31.73	10.26	33.43	400	336	A	V
	*		5500	109.14	-	-	100.36	31.9	10.31	33.43	400	336	P	V
	*		5500	98.87	-	-	90.09	31.9	10.31	33.43	400	336	A	V
														V
802.11a CH 116 5580MHz		5407.6	55.1	-18.9	74	46.8	31.53	10.21	33.44	304	290	P	H	
		5462.56	54.65	-13.55	68.2	46.06	31.75	10.27	33.43	304	290	P	H	
		5452.96	41.73	-12.27	54	33.19	31.71	10.26	33.43	304	290	A	H	
	*	5580	116.39	-	-	107.63	31.8	10.4	33.44	304	290	P	H	
	*	5580	106.45	-	-	97.69	31.8	10.4	33.44	304	290	A	H	
			5742.635	55.88	-12.32	68.2	46.72	32.09	10.53	33.46	304	290	P	H
			5454.4	54.21	-19.79	74	45.66	31.72	10.26	33.43	399	25	P	V
			5462.8	53.67	-14.53	68.2	45.08	31.75	10.27	33.43	399	25	P	V
			5452.72	40.91	-13.09	54	32.37	31.71	10.26	33.43	399	25	A	V
	*		5580	111.41	-	-	102.65	31.8	10.4	33.44	399	25	P	V
	*		5580	100.99	-	-	92.23	31.8	10.4	33.44	399	25	A	V
			5741.69	55.62	-12.58	68.2	46.47	32.08	10.53	33.46	399	25	P	V



802.11a CH 140 5700MHz	*	5700	109.73	-	-	100.69	32	10.5	33.46	100	283	P	H
	*	5700	99.49	-	-	90.45	32	10.5	33.46	100	283	A	H
		5730.28	64.8	-3.4	68.2	55.68	32.06	10.52	33.46	100	283	P	H
													H
													H
													H
	*	5700	104.35	-	-	95.31	32	10.5	33.46	400	24	P	V
	*	5700	94.04	-	-	85	32	10.5	33.46	400	24	A	V
		5725.4	58.26	-9.94	68.2	49.15	32.05	10.52	33.46	400	24	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	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	47.69	-26.31	74	52.89	40.2	16.1	61.5	100	0	P	H
		16650	47.17	-21.03	68.2	44.07	39.8	20.3	57	100	0	P	H
													H
													H
		11000	46.93	-27.07	74	52.13	40.2	16.1	61.5	100	0	P	V
		16650	48.71	-19.49	68.2	45.61	39.8	20.3	57	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.64	-27.36	74	52.32	39.62	16.23	61.53	100	0	P	H
		16740	50.53	-17.67	68.2	46.58	40.4	20.37	56.82	100	0	P	H
													H
													H
		11160	46.59	-27.41	74	52.27	39.62	16.23	61.53	100	0	P	V
		16740	51.23	-16.97	68.2	47.28	40.4	20.37	56.82	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	47.4	-26.6	74	52.96	39.6	16.42	61.58	100	0	P	H
		17100	55.4	-12.8	68.2	50.31	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	46.44	-27.56	74	52	39.6	16.42	61.58	100	0	P	V
		17100	52.65	-15.55	68.2	47.56	40.5	20.67	56.08	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	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 100 5500MHz		5459.44	65.1	-8.9	74	56.52	31.74	10.27	33.43	312	287	P	H	
		5469.84	66.2	-2	68.2	57.57	31.78	10.28	33.43	312	287	P	H	
		5442.32	44.57	-9.43	54	36.09	31.67	10.25	33.44	312	287	A	H	
	*	5500	114.13	-	-	105.35	31.9	10.31	33.43	312	287	P	H	
	*	5500	103.6	-	-	94.82	31.9	10.31	33.43	312	287	A	H	
														H
			5452.4	55.8	-18.2	74	47.26	31.71	10.26	33.43	400	337	P	V
			5469.36	58.46	-9.74	68.2	49.83	31.78	10.28	33.43	400	337	P	V
			5452.72	40.9	-13.1	54	32.36	31.71	10.26	33.43	400	337	A	V
	*		5500	108	-	-	99.22	31.9	10.31	33.43	400	337	P	V
	*		5500	97.09	-	-	88.31	31.9	10.31	33.43	400	337	A	V
													V	
802.11n HT20 CH 116 5580MHz		5456.08	54.81	-19.19	74	46.26	31.72	10.26	33.43	301	288	P	H	
		5465.2	55.61	-12.59	68.2	47.01	31.76	10.27	33.43	301	288	P	H	
		5452.72	42.12	-11.88	54	33.58	31.71	10.26	33.43	301	288	A	H	
	*	5580	116.53	-	-	107.77	31.8	10.4	33.44	301	288	P	H	
	*	5580	105.79	-	-	97.03	31.8	10.4	33.44	301	288	A	H	
			5731.61	56.41	-11.79	68.2	47.28	32.06	10.53	33.46	301	288	P	H
			5355.28	54.35	-19.65	74	46.31	31.32	10.16	33.44	400	25	P	V
			5467.6	55.15	-13.05	68.2	46.54	31.77	10.27	33.43	400	25	P	V
			5458	40.86	-13.14	54	32.3	31.73	10.26	33.43	400	25	A	V
	*		5580	110.8	-	-	102.04	31.8	10.4	33.44	400	25	P	V
	*		5580	100.02	-	-	91.26	31.8	10.4	33.44	400	25	A	V
		5737.28	56.19	-12.01	68.2	47.05	32.07	10.53	33.46	400	25	P	V	



802.11n HT20 CH 140 5700MHz	*	5700	111.77	-	-	102.73	32	10.5	33.46	306	287	P	H
	*	5700	100.66	-	-	91.62	32	10.5	33.46	306	287	A	H
		5726.2	66.82	-1.38	68.2	57.71	32.05	10.52	33.46	306	287	P	H
													H
													H
													H
	*	5700	106.9	-	-	97.86	32	10.5	33.46	400	22	P	V
	*	5700	95.91	-	-	86.87	32	10.5	33.46	400	22	A	V
		5726.68	60.21	-7.99	68.2	51.1	32.05	10.52	33.46	400	22	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	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 100 5500MHz		11000	46.82	-27.18	74	52.02	40.2	16.1	61.5	100	0	P	H
		16500	46.81	-21.39	68.2	44.53	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	47.38	-26.62	74	52.58	40.2	16.1	61.5	100	0	P	V
		16500	47.59	-20.61	68.2	45.31	39.4	20.18	57.3	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	46.51	-27.49	74	52.19	39.62	16.23	61.53	100	0	P	H
		16740	48.56	-19.64	68.2	44.61	40.4	20.37	56.82	100	0	P	H
													H
													H
		11160	45.94	-28.06	74	51.62	39.62	16.23	61.53	100	0	P	V
		16740	48.7	-19.5	68.2	44.75	40.4	20.37	56.82	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	47.34	-26.66	74	52.9	39.6	16.42	61.58	100	0	P	H
		17100	48.92	-19.28	68.2	43.83	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	46.88	-27.12	74	52.44	39.6	16.42	61.58	100	0	P	V
		17100	48.53	-19.67	68.2	43.44	40.5	20.67	56.08	100	0	P	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	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 102 5510MHz		5459.92	66.18	-7.82	74	57.6	31.74	10.27	33.43	300	288	P	H
		5468.08	67.19	-1.01	68.2	58.58	31.77	10.27	33.43	300	288	P	H
		5452.48	46.95	-7.05	54	38.41	31.71	10.26	33.43	300	288	P	H
	*	5510	110.74	-	-	101.97	31.88	10.32	33.43	300	288	P	H
	*	5510	100.59	-	-	91.82	31.88	10.32	33.43	300	288	A	H
		5737.595	55.75	-12.45	68.2	46.6	32.08	10.53	33.46	300	288	P	H
		5458.96	58.13	-15.87	74	49.56	31.74	10.26	33.43	394	320	P	V
		5468.8	59.95	-8.25	68.2	51.32	31.78	10.28	33.43	394	320	P	V
		5452.24	42.47	-11.53	54	33.93	31.71	10.26	33.43	394	320	A	V
	*	5510	104.74	-	-	95.97	31.88	10.32	33.43	394	320	P	V
	*	5510	94.8	-	-	86.03	31.88	10.32	33.43	394	320	A	V
		5761.85	55.2	-13	68.2	46	32.12	10.55	33.47	394	320	P	V
802.11n HT40 CH 110 5550MHz		5458	61.61	-12.39	74	53.05	31.73	10.26	33.43	276	286	P	H
		5466.4	63.06	-5.14	68.2	54.45	31.77	10.27	33.43	276	286	P	H
		5459.68	47.28	-6.72	54	38.7	31.74	10.27	33.43	276	286	A	H
	*	5550	114.97	-	-	106.25	31.8	10.36	33.44	276	286	P	H
	*	5550	104.74	-	-	96.02	31.8	10.36	33.44	276	286	A	H
		5759.96	55.62	-12.58	68.2	46.42	32.12	10.55	33.47	276	286	P	H
		5458.24	55.88	-18.12	74	47.32	31.73	10.26	33.43	400	19	P	V
		5466.16	55.92	-12.28	68.2	47.32	31.76	10.27	33.43	400	19	P	V
		5458.24	43.01	-10.99	54	34.45	31.73	10.26	33.43	400	19	A	V
	*	5550	109.84	-	-	101.12	31.8	10.36	33.44	400	19	P	V
	*	5550	99.46	-	-	90.74	31.8	10.36	33.44	400	19	A	V
		5727.515	54.89	-13.31	68.2	45.77	32.06	10.52	33.46	400	19	P	V



802.11n HT40 CH 134 5670MHz		5428.75	54.15	-19.85	74	45.75	31.61	10.23	33.44	296	286	P	H
		5459.9	53.41	-20.59	74	44.83	31.74	10.27	33.43	296	286	P	H
		5452.55	41.98	-12.02	54	33.44	31.71	10.26	33.43	296	286	A	H
	*	5670	113.91	-	-	105.06	31.82	10.48	33.45	296	286	P	H
	*	5670	103.95	-	-	95.1	31.82	10.48	33.45	296	286	A	H
		5727.2	66.78	-1.42	68.2	57.67	32.05	10.52	33.46	296	286	P	H
		5428.75	53.37	-20.63	74	44.97	31.61	10.23	33.44	398	165	P	V
		5460.95	53.73	-14.47	68.2	45.15	31.74	10.27	33.43	398	165	P	V
		5458.85	41.32	-12.68	54	32.75	31.74	10.26	33.43	398	165	A	V
	*	5670	108.47	-	-	99.62	31.82	10.48	33.45	398	165	P	V
	*	5670	98.32	-	-	89.47	31.82	10.48	33.45	398	165	A	V
	5727.725	59.59	-8.61	68.2	50.47	32.06	10.52	33.46	398	165	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	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 102 5510MHz		11020	46.78	-27.22	74	52.04	40.12	16.12	61.5	100	0	P	H
		16530	47.06	-21.14	68.2	44.7	39.4	20.2	57.24	100	0	P	H
													H
													H
		11020	48.03	-25.97	74	53.29	40.12	16.12	61.5	100	0	P	V
		16530	46.81	-21.39	68.2	44.45	39.4	20.2	57.24	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	47.14	-26.86	74	52.68	39.8	16.18	61.52	100	0	P	H
		16650	51.25	-16.95	68.2	48.15	39.8	20.3	57	100	0	P	H
													H
													H
		11100	47.54	-26.46	74	53.08	39.8	16.18	61.52	100	0	P	V
		16650	48.76	-19.44	68.2	45.66	39.8	20.3	57	100	0	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	46.49	-27.51	74	52.14	39.54	16.38	61.57	100	0	P	H
													H
													H
													H
		17010	53.17	-15.03	68.2	48.36	40.5	20.59	56.28	100	0	P	V
		11340	47.01	-26.99	74	52.66	39.54	16.38	61.57	100	0	P	V
		17010	51.5	-16.7	68.2	46.69	40.5	20.59	56.28	100	0	P	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	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 106 5530MHz		5459.44	63.27	-10.73	74	54.69	31.74	10.27	33.43	300	286	P	H
		5460.64	65.58	-2.62	68.2	57	31.74	10.27	33.43	300	286	P	H
		5458	47.81	-6.19	54	39.25	31.73	10.26	33.43	300	286	A	H
	*	5530	107.62	-	-	98.87	31.84	10.34	33.43	300	286	P	H
	*	5530	97.64	-	-	88.89	31.84	10.34	33.43	300	286	A	H
		5760.59	55.15	-13.05	68.2	45.95	32.12	10.55	33.47	300	286	P	H
		5459.92	58.06	-15.94	74	49.48	31.74	10.27	33.43	400	3	P	V
		5460.64	57.29	-10.91	68.2	48.71	31.74	10.27	33.43	400	3	P	V
		5457.76	42.84	-11.16	54	34.28	31.73	10.26	33.43	400	3	A	V
	*	5530	101.35	-	-	92.6	31.84	10.34	33.43	400	3	P	V
	*	5530	91.53	-	-	82.78	31.84	10.34	33.43	400	3	A	V
	5742.005	55.92	-12.28	68.2	46.77	32.08	10.53	33.46	400	3	P	V	
802.11ac VHT80 CH 122 5610MHz		5446.24	61.6	-12.4	74	53.11	31.68	10.25	33.44	301	284	P	H
		5466.16	63.23	-4.97	68.2	54.63	31.76	10.27	33.43	301	284	P	H
		5459.44	48.89	-5.11	54	40.31	31.74	10.27	33.43	301	284	A	H
	*	5610	111.91	-	-	103.15	31.78	10.43	33.45	301	284	P	H
	*	5610	101.95	-	-	93.19	31.78	10.43	33.45	301	284	A	H
		5725	65.71	-2.49	68.2	56.6	32.05	10.52	33.46	301	284	P	H
		5457.76	56.33	-17.67	74	47.77	31.73	10.26	33.43	400	320	P	V
		5468.08	59.27	-8.93	68.2	50.66	31.77	10.27	33.43	400	320	P	V
		5458	44.28	-9.72	54	35.72	31.73	10.26	33.43	400	320	A	V
	*	5610	105.16	-	-	96.4	31.78	10.43	33.45	400	320	P	V
	*	5610	95.44	-	-	86.68	31.78	10.43	33.45	400	320	A	V
	5743.895	59.91	-8.29	68.2	50.74	32.09	10.54	33.46	400	320	P	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI	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 106 5530MHz		11060	46.77	-27.23	74	52.17	39.96	16.15	61.51	100	0	P	H
		16590	47.29	-20.91	68.2	44.76	39.4	20.25	57.12	100	0	P	H
													H
													H
		11060	45.99	-28.01	74	51.39	39.96	16.15	61.51	100	0	P	V
		16590	47.51	-20.69	68.2	44.98	39.4	20.25	57.12	100	0	P	V
													V
802.11ac VHT80 CH 122 5610MHz		11220	46.6	-27.4	74	52.36	39.5	16.28	61.54	100	0	P	H
		16830	48.49	-19.71	68.2	44.16	40.52	20.45	56.64	100	0	P	H
													H
													H
		11220	46.28	-27.72	74	52.04	39.5	16.28	61.54	100	0	P	V
		16830	48.77	-19.43	68.2	44.44	40.52	20.45	56.64	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	Limit	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
					Line	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5452.57	54.03	-19.97	74	45.49	31.71	10.26	33.43	100	125	P	H
		5464.27	53.48	-14.72	68.2	44.88	31.76	10.27	33.43	100	125	P	H
		5447.89	40.58	-13.42	54	32.08	31.69	10.25	33.44	100	125	A	H
	*	5720	116.77	-	-	107.67	32.04	10.52	33.46	100	125	P	H
	*	5720	106.42	-	-	97.32	32.04	10.52	33.46	100	125	A	H
		5854.25	57.04	-11.16	68.2	47.59	32.31	10.62	33.48	100	125	P	H
		5371.84	53.19	-20.81	74	45.06	31.39	10.18	33.44	400	191	P	V
		5463.49	53	-15.2	68.2	44.41	31.75	10.27	33.43	400	191	P	V
		5430.73	40.44	-13.56	54	32.03	31.62	10.23	33.44	400	191	A	V
	*	5720	111.17	-	-	102.07	32.04	10.52	33.46	400	191	P	V
	*	5720	100.82	-	-	91.72	32.04	10.52	33.46	400	191	A	V
		5943.75	56.1	-12.1	68.2	46.33	32.57	10.69	33.49	400	191	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)**

WIFI	Note	Frequency (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	46.64	-27.36	74	52.1	39.68	16.45	61.59	100	0	P	H
		17160	54.18	-14.02	68.2	48.86	40.56	20.71	55.95	100	0	P	H
													H
													H
		11440	46.73	-27.27	74	52.19	39.68	16.45	61.59	100	0	P	V
		17160	53.16	-15.04	68.2	47.84	40.56	20.71	55.95	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	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		5449.84	53.7	-20.3	74	45.19	31.7	10.25	33.44	259	283	P	H
		5463.88	52.95	-15.25	68.2	44.35	31.76	10.27	33.43	259	283	P	H
		5452.57	41.16	-12.84	54	32.62	31.71	10.26	33.43	259	283	A	H
	*	5720	115.08	-	-	105.98	32.04	10.52	33.46	259	283	P	H
	*	5720	104.45	-	-	95.35	32.04	10.52	33.46	259	283	A	H
		5921	58.08	-10.12	68.2	48.42	32.48	10.67	33.49	259	283	P	H
		5454.13	53.57	-20.43	74	45.02	31.72	10.26	33.43	400	194	P	V
		5467.39	52.93	-15.27	68.2	44.32	31.77	10.27	33.43	400	194	P	V
		5451.4	40.57	-13.43	54	32.03	31.71	10.26	33.43	400	194	A	V
	*	5720	109.47	-	-	100.37	32.04	10.52	33.46	400	194	P	V
	*	5720	98.94	-	-	89.84	32.04	10.52	33.46	400	194	A	V
		5931	56.5	-11.7	68.2	46.79	32.52	10.68	33.49	400	194	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	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		11440	46.57	-27.43	74	52.03	39.68	16.45	61.59	100	0	P	H
		17160	48.75	-19.45	68.2	43.43	40.56	20.71	55.95	100	0	P	H
													H
													H
		11440	46.32	-27.68	74	51.78	39.68	16.45	61.59	100	0	P	V
		17160	48.82	-19.38	68.2	43.5	40.56	20.71	55.95	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	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		5371.06	54.01	-19.99	74	45.89	31.38	10.18	33.44	278	282	P	H
		5463.88	53.01	-15.19	68.2	44.41	31.76	10.27	33.43	278	282	P	H
		5452.96	42.02	-11.98	54	33.48	31.71	10.26	33.43	278	282	A	H
	*	5710	114.23	-	-	105.16	32.02	10.51	33.46	278	282	P	H
	*	5710	104.08	-	-	95.01	32.02	10.51	33.46	278	282	A	H
		5855.5	58.18	-10.02	68.2	48.73	32.31	10.62	33.48	278	282	P	H
		5367.16	53.06	-20.94	74	44.96	31.37	10.17	33.44	400	193	P	V
		5468.56	53.34	-14.86	68.2	44.72	31.77	10.28	33.43	400	193	P	V
		5444.38	41.61	-12.39	54	33.12	31.68	10.25	33.44	400	193	A	V
	*	5710	108.27	-	-	99.2	32.02	10.51	33.46	400	193	P	V
	*	5710	98.2	-	-	89.13	32.02	10.51	33.46	400	193	A	V
		5897.25	56.01	-12.19	68.2	46.46	32.39	10.65	33.49	400	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 802.11n HT40 (Harmonic @ 3m)

WIFI	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		11420	45.81	-28.19	74	51.32	39.64	16.43	61.58	100	0	P	H	
		17130	51.87	-16.33	68.2	46.65	40.53	20.7	56.01	100	0	P	H	
													H	
													H	
			11420	45.57	-28.43	74	51.08	39.64	16.43	61.58	100	0	P	V
			17130	51.19	-17.01	68.2	45.97	40.53	20.7	56.01	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	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 138 5690MHz		5446.33	56.34	-17.66	74	47.84	31.69	10.25	33.44	251	285	P	H
		5466.61	56.03	-12.17	68.2	47.42	31.77	10.27	33.43	251	285	P	H
		5452.96	43.54	-10.46	54	35	31.71	10.26	33.43	251	285	A	H
	*	5690	112.31	-	-	103.34	31.94	10.49	33.46	251	285	P	H
	*	5690	101.81	-	-	92.84	31.94	10.49	33.46	251	285	A	H
		5857.5	62.91	-5.29	68.2	53.46	32.31	10.62	33.48	251	285	P	H
		5422.93	54.04	-19.96	74	45.66	31.59	10.23	33.44	400	23	P	V
		5461.93	53.54	-14.66	68.2	44.95	31.75	10.27	33.43	400	23	P	V
		5457.25	42.02	-11.98	54	33.46	31.73	10.26	33.43	400	23	A	V
	*	5690	106.56	-	-	97.59	31.94	10.49	33.46	400	23	P	V
	*	5690	96.31	-	-	87.34	31.94	10.49	33.46	400	23	A	V
	5850	58.17	-10.03	68.2	48.73	32.3	10.62	33.48	400	23	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	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 138 5690MHz		11380	47.15	-26.85	74	52.74	39.58	16.41	61.58	100	0	P	H	
		17070	53.9	-14.3	68.2	48.91	40.5	20.64	56.15	100	0	P	H	
													H	
													H	
			11380	46.66	-27.34	74	52.25	39.58	16.41	61.58	100	0	P	V
			17070	51.88	-16.32	68.2	46.89	40.5	20.64	56.15	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11n HT40 LF		112.45	26.45	-17.05	43.5	38.48	16.92	1.47	30.42	-	-	P	H	
		194.9	31.19	-12.31	43.5	44.71	14.83	1.98	30.33	-	-	P	H	
		280.26	28.01	-17.99	46	37.13	18.8	2.26	30.18	-	-	P	H	
		836.07	37.31	-8.69	46	34.27	28.22	4.06	29.24	-	-	P	H	
		895.24	36.25	-9.75	46	32.23	28.92	4.25	29.15	-	-	P	H	
		904.94	37.98	-8.02	46	33.8	29.03	4.28	29.13	100	0	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
			61.04	31.96	-8.04	40	49.5	11.77	1.15	30.46	-	-	P	V
			150.28	30.03	-13.47	43.5	41.75	16.91	1.74	30.37	-	-	P	V
			194.9	31.58	-11.92	43.5	45.1	14.83	1.98	30.33	-	-	P	V
			885.54	37.41	-8.59	46	33.38	28.97	4.22	29.16	-	-	P	V
			910.76	38.75	-7.25	46	34.35	29.21	4.3	29.11	100	0	P	V
			946.65	35.47	-10.53	46	29.61	30.44	4.43	29.01	-	-	P	V
														V
														V
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



<For Antenna 4>

<Chain 2>

Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		5458.48	60.59	-13.41	74	52.03	31.73	10.26	33.43	101	66	P	H
		5467.12	61.38	-6.82	68.2	52.77	31.77	10.27	33.43	101	66	P	H
		5458.48	44.88	-9.12	54	36.32	31.73	10.26	33.43	101	66	A	H
	*	5510	107.82	-	-	99.05	31.88	10.32	33.43	101	66	P	H
	*	5510	97.91	-	-	89.14	31.88	10.32	33.43	101	66	A	H
		5735.075	54.96	-13.24	68.2	45.82	32.07	10.53	33.46	101	66	P	H
		5426.8	53.41	-20.59	74	45.01	31.61	10.23	33.44	314	298	P	V
		5464	54.1	-14.1	68.2	45.5	31.76	10.27	33.43	314	298	P	V
		5458.24	41.66	-12.34	54	33.1	31.73	10.26	33.43	314	298	A	V
	*	5510	103.24	-	-	94.47	31.88	10.32	33.43	314	298	P	V
	*	5510	93.07	-	-	84.3	31.88	10.32	33.43	314	298	A	V
		5744.21	55.91	-12.29	68.2	46.74	32.09	10.54	33.46	314	298	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	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 102 5510MHz		11020	46.59	-27.41	74	51.85	40.12	16.12	61.5	100	0	P	H	
		16530	46.81	-21.39	68.2	44.45	39.4	20.2	57.24	100	0	P	H	
													H	
													H	
			11015	46.27	-27.73	74	51.52	40.14	16.11	61.5			P	V
			16530	46.1	-22.1	68.2	43.74	39.4	20.2	57.24	100	0	P	V
														V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 - 5470~5725MHz

Emission below 1GHz

WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11n HT40 LF		30	24.87	-15.13	40	29.71	24.57	0.77	30.18	-	-	P	H	
		162.89	26.94	-16.56	43.5	39.31	16.15	1.84	30.36	-	-	P	H	
		194.9	33	-10.5	43.5	46.52	14.83	1.98	30.33	100	0	P	H	
		239.52	32.13	-13.87	46	43.11	17.19	2.08	30.25	-	-	P	H	
		715.79	32.97	-13.03	46	31.95	26.76	3.74	29.48	-	-	P	H	
		947.62	35.48	-10.52	46	29.57	30.48	4.43	29	-	-	P	H	
														H
														H
														H
														H
														H
														H
			30.97	31.01	-8.99	40	36.38	24.05	0.78	30.2	100	0	P	V
			62.98	30.63	-9.37	40	48.17	11.76	1.16	30.46	-	-	P	V
			139.61	28.17	-15.33	43.5	39.69	17.24	1.63	30.39	-	-	P	V
			194.9	32.5	-11	43.5	46.02	14.83	1.98	30.33	-	-	P	V
			839.95	32.99	-13.01	46	29.69	28.46	4.07	29.23	-	-	P	V
			949.56	36.81	-9.19	46	30.81	30.56	4.44	29	-	-	P	V
														V
														V
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



MIMO <Chain 1+2>

Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.	
		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 36 5180MHz		5147.16	64.44	-9.56	74	56.02	31.91	9.98	33.47	298	282	P	H	
		5145.6	43.78	-10.22	54	35.37	31.91	9.97	33.47	298	282	A	H	
	*	5180	113.57	-	-	105.23	31.78	10.02	33.46	298	282	P	H	
	*	5180	103.42	-	-	95.08	31.78	10.02	33.46	298	282	A	H	
													H	
													H	
			5146.9	55.36	-18.64	74	46.94	31.91	9.98	33.47	101	153	P	V
			5148.98	41.39	-12.61	54	32.98	31.9	9.98	33.47	101	153	A	V
	*		5180	104.34	-	-	96	31.78	10.02	33.46	101	153	P	V
	*		5180	94.21	-	-	85.87	31.78	10.02	33.46	101	153	A	V
													V	
												V		
802.11a CH 44 5220MHz		5147.68	57.89	-16.11	74	49.48	31.9	9.98	33.47	293	282	P	H	
		5145.6	42.5	-11.5	54	34.09	31.91	9.97	33.47	293	282	A	H	
	*	5220	114.33	-	-	106.15	31.58	10.06	33.46	293	282	P	H	
	*	5220	104.17	-	-	95.99	31.58	10.06	33.46	293	282	A	H	
			5453.28	55.68	-18.32	74	47.14	31.71	10.26	33.43	293	282	P	H
			5452.72	43.41	-10.59	54	34.87	31.71	10.26	33.43	293	282	A	H
			5066.3	54.56	-19.44	74	46.28	31.87	9.88	33.47	112	9	P	V
			5140.4	41.16	-12.84	54	32.74	31.92	9.97	33.47	112	9	A	V
	*		5220	106.67	-	-	98.49	31.58	10.06	33.46	112	9	P	V
	*		5220	96.51	-	-	88.33	31.58	10.06	33.46	112	9	A	V
			5440.96	54.62	-19.38	74	46.15	31.66	10.25	33.44	112	9	P	V
		5453	41.04	-12.96	54	32.5	31.71	10.26	33.43	112	9	A	V	



802.11a CH 48 5240MHz		5142.48	54.91	-19.09	74	46.49	31.92	9.97	33.47	308	282	P	H
		5145.6	42.11	-11.89	54	33.7	31.91	9.97	33.47	308	282	A	H
	*	5240	113.98	-	-	105.91	31.46	10.07	33.46	308	282	P	H
	*	5240	103.8	-	-	95.73	31.46	10.07	33.46	308	282	A	H
		5383.84	55.84	-18.16	74	47.65	31.44	10.19	33.44	308	282	P	H
		5453	43.59	-10.41	54	35.05	31.71	10.26	33.43	308	282	A	H
		5144.82	54.37	-19.63	74	45.96	31.91	9.97	33.47	100	8	P	V
		5145.34	41.05	-12.95	54	32.64	31.91	9.97	33.47	100	8	A	V
	*	5240	105.57	-	-	97.5	31.46	10.07	33.46	100	8	P	V
	*	5240	95.57	-	-	87.5	31.46	10.07	33.46	100	8	A	V
		5361.72	54.33	-19.67	74	46.25	31.35	10.17	33.44	100	8	P	V
		5452.72	41.17	-12.83	54	32.63	31.71	10.26	33.43	100	8	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	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	46.75	-21.45	68.2	51.56	39.58	15.6	59.99	100	0	P	H
		15540	47.35	-26.65	74	47.58	38.22	19.59	58.04	100	0	P	H
													H
													H
		10360	46.65	-21.55	68.2	51.46	39.58	15.6	59.99	100	0	P	V
		15540	46.47	-27.53	74	46.7	38.22	19.59	58.04	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.5	-21.7	68.2	51.3	39.7	15.67	60.17	100	0	P	H
		15660	60.3	-13.7	74	60.74	37.8	19.64	57.88	209	162	P	H
		15660	44.66	-9.34	54	45.1	37.8	19.64	57.88	209	162	A	H
													H
		10440	46.88	-21.32	68.2	51.68	39.7	15.67	60.17	100	0	P	V
		15660	57.68	-16.32	74	58.12	37.8	19.64	57.88	355	157	P	V
		15660	42.56	-11.44	54	43	37.8	19.64	57.88	355	157	A	V
													V
802.11a CH 48 5240MHz		10480	46.26	-21.94	68.2	51.12	39.7	15.7	60.26	100	0	P	H
		15720	59.53	-14.47	74	59.91	37.76	19.65	57.79	200	162	P	H
		15720	44.13	-9.87	54	44.51	37.76	19.65	57.79	200	162	A	H
													H
		10480	47.2	-21	68.2	52.06	39.7	15.7	60.26	100	0	P	V
		15720	57.57	-16.43	74	57.95	37.76	19.65	57.79	400	212	P	V
		15720	42.32	-11.68	54	42.7	37.76	19.65	57.79	400	212	A	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	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 36 5180MHz		5147.42	64.24	-9.76	74	55.82	31.91	9.98	33.47	100	78	P	H	
		5150	45.36	-8.64	54	36.95	31.9	9.98	33.47	100	78	A	H	
	*	5180	113.57	-	-	105.23	31.78	10.02	33.46	100	78	P	H	
	*	5180	102.73	-	-	94.39	31.78	10.02	33.46	100	78	A	H	
													H	
														H
			5149.5	56.82	-17.18	74	48.41	31.9	9.98	33.47	100	349	P	V
			5148.72	41.73	-12.27	54	33.32	31.9	9.98	33.47	100	349	A	V
		*	5180	105.91	-	-	97.57	31.78	10.02	33.46	100	349	P	V
		*	5180	95.42	-	-	87.08	31.78	10.02	33.46	100	349	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5144.3	56.16	-17.84	74	47.75	31.91	9.97	33.47	100	78	P	H	
		5150	42.67	-11.33	54	34.26	31.9	9.98	33.47	100	78	A	H	
		*	5220	114.72	-	-	106.54	31.58	10.06	33.46	100	78	P	H
		*	5220	103.7	-	-	95.52	31.58	10.06	33.46	100	78	A	H
			5454.96	55.02	-18.98	74	46.47	31.72	10.26	33.43	100	78	P	H
			5362.56	41.92	-12.08	54	33.84	31.35	10.17	33.44	100	78	A	H
			5136.24	54.44	-19.56	74	46.02	31.93	9.96	33.47	113	351	P	V
			5138.32	41.04	-12.96	54	32.62	31.92	9.97	33.47	113	351	A	V
		*	5220	107.69	-	-	99.51	31.58	10.06	33.46	113	351	P	V
		*	5220	97.06	-	-	88.88	31.58	10.06	33.46	113	351	A	V
		5434.8	54.51	-19.49	74	46.07	31.64	10.24	33.44	113	351	P	V	
		5443.48	40.97	-13.03	54	32.49	31.67	10.25	33.44	113	351	A	V	



802.11n HT20 CH 48 5240MHz		5148.46	54.3	-19.7	74	45.89	31.9	9.98	33.47	100	75	P	H
		5150	41.48	-12.52	54	33.07	31.9	9.98	33.47	100	75	A	H
	*	5240	113.29	-	-	105.22	31.46	10.07	33.46	100	75	P	H
	*	5240	102.81	-	-	94.74	31.46	10.07	33.46	100	75	A	H
		5353.6	56.83	-17.17	74	48.8	31.31	10.16	33.44	100	75	P	H
		5351.92	42.06	-11.94	54	34.03	31.31	10.16	33.44	100	75	A	H
		5134.94	54.52	-19.48	74	46.1	31.93	9.96	33.47	112	351	P	V
		5145.86	40.97	-13.03	54	32.55	31.91	9.98	33.47	112	351	A	V
	*	5240	106.84	-	-	98.77	31.46	10.07	33.46	112	351	P	V
	*	5240	96.78	-	-	88.71	31.46	10.07	33.46	112	351	A	V
		5455.8	54.22	-19.78	74	45.67	31.72	10.26	33.43	112	351	P	V
		5449.64	40.9	-13.1	54	32.39	31.7	10.25	33.44	112	351	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	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 36 5180MHz		10360	46.73	-21.47	68.2	51.54	39.58	15.6	59.99	100	0	P	H
		15540	56.46	-17.54	74	56.69	38.22	19.59	58.04	198	157	P	H
		15540	41.47	-12.53	54	41.7	38.22	19.59	58.04	198	157	A	H
													H
		10360	46.7	-21.5	68.2	51.51	39.58	15.6	59.99	100	0	P	V
		15540	47.26	-26.74	74	47.49	38.22	19.59	58.04	100	0	P	V
													V
802.11n HT20 CH 44 5220MHz		10440	46.79	-21.41	68.2	51.59	39.7	15.67	60.17	100	0	P	H
		15660	64.31	-9.69	74	64.75	37.8	19.64	57.88	207	162	P	H
		15660	46.24	-7.76	54	46.68	37.8	19.64	57.88	207	162	A	H
													H
		10440	46.42	-21.78	68.2	51.22	39.7	15.67	60.17	100	0	P	V
		15660	62.31	-11.69	74	62.75	37.8	19.64	57.88	358	156	P	V
		15660	43.76	-10.24	54	44.2	37.8	19.64	57.88	358	156	A	V
802.11n HT20 CH 48 5240MHz		10480	47.74	-20.46	68.2	52.6	39.7	15.7	60.26	100	0	P	H
		15720	61.83	-12.17	74	62.21	37.76	19.65	57.79	205	165	P	H
		15720	44.42	-9.58	54	44.8	37.76	19.65	57.79	205	165	A	H
													H
		10480	46.91	-21.29	68.2	51.77	39.7	15.7	60.26	100	0	P	V
		15720	59.53	-14.47	74	59.91	37.76	19.65	57.79	344	159	P	V
		15720	42.02	-11.98	54	42.4	37.76	19.65	57.79	344	159	A	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	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		5145.08	61.3	-12.7	74	52.89	31.91	9.97	33.47	103	76	P	H
		5150	46.58	-7.42	54	38.17	31.9	9.98	33.47	103	76	A	H
	*	5190	111.21	-	-	102.9	31.74	10.03	33.46	103	76	P	H
	*	5190	101.01	-	-	92.7	31.74	10.03	33.46	103	76	A	H
		5384.96	54.9	-19.1	74	46.71	31.44	10.19	33.44	103	76	P	H
		5355.84	42.6	-11.4	54	34.56	31.32	10.16	33.44	103	76	A	H
		5072.54	53.89	-20.11	74	45.58	31.89	9.89	33.47	400	310	P	V
		5144.3	41.88	-12.12	54	33.47	31.91	9.97	33.47	400	310	A	V
	*	5190	104.42	-	-	96.11	31.74	10.03	33.46	400	310	P	V
	*	5190	94.41	-	-	86.1	31.74	10.03	33.46	400	310	A	V
		5381.88	54.34	-19.66	74	46.16	31.43	10.19	33.44	400	310	P	V
		5434.24	41.77	-12.23	54	33.33	31.64	10.24	33.44	400	310	A	V
802.11n HT40 CH 46 5230MHz		5139.62	57.97	-16.03	74	49.55	31.92	9.97	33.47	100	76	P	H
		5150	45.16	-8.84	54	36.75	31.9	9.98	33.47	100	76	A	H
	*	5230	114.33	-	-	106.21	31.52	10.06	33.46	100	76	P	H
	*	5230	104.28	-	-	96.16	31.52	10.06	33.46	100	76	A	H
		5355.84	57.04	-16.96	74	49	31.32	10.16	33.44	100	76	P	H
		5351.36	43.97	-10.03	54	35.94	31.31	10.16	33.44	100	76	A	H
		5087.36	53.3	-20.7	74	44.92	31.95	9.9	33.47	395	317	P	V
		5108.16	42.14	-11.86	54	33.7	31.98	9.93	33.47	395	317	A	V
	*	5230	109.23	-	-	101.11	31.52	10.06	33.46	395	317	P	V
	*	5230	98.33	-	-	90.21	31.52	10.06	33.46	395	317	A	V
	5404.84	54.09	-19.91	74	45.8	31.52	10.21	33.44	395	317	P	V	
	5379.08	42.14	-11.86	54	33.98	31.42	10.18	33.44	395	317	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	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		10380	46.86	-21.34	68.2	51.64	39.64	15.62	60.04	100	0	P	H
		15570	46.63	-27.37	74	47.02	38.01	19.6	58	100	0	P	H
													H
													H
		10380	46.38	-21.82	68.2	51.16	39.64	15.62	60.04	100	0	P	V
		15570	47.68	-26.32	74	48.07	38.01	19.6	58	100	0	P	V
													V
802.11n HT40 CH 46 5230MHz		10460	47.9	-20.3	68.2	52.73	39.7	15.68	60.21	100	0	P	H
		15690	58.67	-15.33	74	59.06	37.8	19.64	57.83	206	162	P	H
		15690	46.01	-7.99	54	46.4	37.8	19.64	57.83	206	162	A	H
													H
		10460	47.94	-20.26	68.2	52.77	39.7	15.68	60.21	100	0	P	V
		15690	54.97	-19.03	74	55.36	37.8	19.64	57.83	200	208	P	V
		15690	42.47	-11.53	54	42.86	37.8	19.64	57.83	200	208	A	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	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		5146.38	58.98	-15.02	74	50.56	31.91	9.98	33.47	100	75	P	H
		5143	47.37	-6.63	54	38.96	31.91	9.97	33.47	100	75	A	H
	*	5210	105.93	-	-	97.7	31.64	10.05	33.46	100	75	P	H
	*	5210	95.53	-	-	87.3	31.64	10.05	33.46	100	75	A	H
		5410.72	54.54	-19.46	74	46.23	31.54	10.21	33.44	100	75	P	H
		5453	42.6	-11.4	54	34.06	31.71	10.26	33.43	100	75	A	H
		5066.56	53.73	-20.27	74	45.45	31.87	9.88	33.47	400	315	P	V
		5145.08	41.94	-12.06	54	33.53	31.91	9.97	33.47	400	315	A	V
	*	5210	99.43	-	-	91.2	31.64	10.05	33.46	400	315	P	V
	*	5210	89.13	-	-	80.9	31.64	10.05	33.46	400	315	A	V
		5450.48	53.72	-20.28	74	45.19	31.7	10.26	33.43	400	315	P	V
		5458.88	41.88	-12.12	54	33.31	31.74	10.26	33.43	400	315	A	V



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	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		10420	46.4	-21.8	68.2	51.17	39.7	15.65	60.12	100	0	P	H
		15630	45.49	-28.51	74	45.99	37.8	19.62	57.92	100	0	P	H
													H
													H
		10420	46.02	-22.18	68.2	50.79	39.7	15.65	60.12	100	0	P	V
		15630	45.71	-28.29	74	46.21	37.8	19.62	57.92	100	0	P	V
													V
													V
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.												



Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	Limit	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
					Line	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5126.14	54.58	-19.42	74	46.15	31.95	9.95	33.47	100	75	P	H
		5144.5	41.25	-12.75	54	32.84	31.91	9.97	33.47	100	75	A	H
	*	5260	114.41	-	-	106.39	31.38	10.09	33.45	100	75	P	H
	*	5260	104.34	-	-	96.32	31.38	10.09	33.45	100	75	A	H
		5350.32	56.81	-17.19	74	48.79	31.3	10.16	33.44	100	75	P	H
		5350.56	43.15	-10.85	54	35.13	31.3	10.16	33.44	100	75	A	H
		5067.32	54.06	-19.94	74	45.78	31.87	9.88	33.47	110	349	P	V
		5125.8	41.04	-12.96	54	32.61	31.95	9.95	33.47	110	349	A	V
	*	5260	106.94	-	-	98.92	31.38	10.09	33.45	110	349	P	V
	*	5260	96.85	-	-	88.83	31.38	10.09	33.45	110	349	A	V
		5444.16	54.49	-19.51	74	46	31.68	10.25	33.44	110	349	P	V
		5358.72	41.11	-12.89	54	33.05	31.33	10.17	33.44	110	349	A	V
802.11a CH 60 5300MHz		5132.94	54.91	-19.09	74	46.49	31.93	9.96	33.47	111	75	P	H
		5143.48	41.14	-12.86	54	32.73	31.91	9.97	33.47	111	75	A	H
	*	5300	114.39	-	-	106.42	31.3	10.12	33.45	111	75	P	H
	*	5300	103.29	-	-	95.32	31.3	10.12	33.45	111	75	A	H
		5354.88	60	-14	74	51.96	31.32	10.16	33.44	111	75	P	H
		5352.72	45.55	-8.45	54	37.52	31.31	10.16	33.44	111	75	A	H
		5083.64	54.32	-19.68	74	45.96	31.93	9.9	33.47	102	0	P	V
		5149.6	40.89	-13.11	54	32.48	31.9	9.98	33.47	102	0	A	V
	*	5300	106.13	-	-	98.16	31.3	10.12	33.45	102	0	P	V
	*	5300	95.44	-	-	87.47	31.3	10.12	33.45	102	0	A	V
		5353.44	54.86	-19.14	74	46.83	31.31	10.16	33.44	102	0	P	V
		5364	41.53	-12.47	54	33.44	31.36	10.17	33.44	102	0	A	V



802.11a CH 64 5320MHz	*	5320	114.32	-	-	106.33	31.3	10.14	33.45	100	76	P	H
	*	5320	103.35	-	-	95.36	31.3	10.14	33.45	100	76	A	H
		5354.72	62.74	-11.26	74	54.7	31.32	10.16	33.44	100	76	P	H
		5370.08	44.94	-9.06	54	36.82	31.38	10.18	33.44	100	76	A	H
													H
													H
	*	5320	106.33	-	-	98.34	31.3	10.14	33.45	100	348	P	V
	*	5320	95.72	-	-	87.73	31.3	10.14	33.45	100	348	A	V
		5362.08	57.06	-16.94	74	48.98	31.35	10.17	33.44	100	348	P	V
		5359.36	41.63	-12.37	54	33.56	31.34	10.17	33.44	100	348	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	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	46.37	-21.83	68.2	51.25	39.74	15.73	60.35	100	0	P	H
		15780	59.85	-14.15	74	60.24	37.64	19.68	57.71	209	164	P	H
		15780	45.46	-8.54	54	45.85	37.64	19.68	57.71	209	164	A	H
													H
		10520	46.25	-21.95	68.2	51.13	39.74	15.73	60.35	100	0	P	V
		15780	55.48	-18.52	74	55.87	37.64	19.68	57.71	301	143	P	V
		15780	41.28	-12.72	54	41.67	37.64	19.68	57.71	301	143	A	V
													V
802.11a CH 60 5300MHz		10600	46.46	-27.54	74	51.3	39.9	15.8	60.54	100	0	P	H
		15900	56.77	-17.23	74	57.28	37.3	19.73	57.54	211	162	P	H
		15900	42.39	-11.61	54	42.9	37.3	19.73	57.54	211	162	A	H
													H
		10600	45.91	-28.09	74	50.75	39.9	15.8	60.54	100	0	P	V
		15900	47.79	-26.21	74	48.3	37.3	19.73	57.54	100	0	P	V
													V
802.11a CH 64 5320MHz		10640	45.84	-28.16	74	50.8	39.86	15.82	60.64	100	0	P	H
		15960	48.74	-25.26	74	49.1	37.36	19.74	57.46	100	0	P	H
													H
													H
		10640	46.12	-27.88	74	51.08	39.86	15.82	60.64	100	0	P	V
		15960	46.5	-27.5	74	46.86	37.36	19.74	57.46	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	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 52 5260MHz		5146.88	54.01	-19.99	74	45.59	31.91	9.98	33.47	100	74	P	H
		5148.58	41.08	-12.92	54	32.67	31.9	9.98	33.47	100	74	A	H
	*	5260	114.63	-	-	106.61	31.38	10.09	33.45	100	74	P	H
	*	5260	103.49	-	-	95.47	31.38	10.09	33.45	100	74	A	H
		5356.32	57.33	-16.67	74	49.27	31.33	10.17	33.44	100	74	P	H
		5351.04	42.89	-11.11	54	34.87	31.3	10.16	33.44	100	74	A	H
		5148.58	54.25	-19.75	74	45.84	31.9	9.98	33.47	100	352	P	V
		5127.16	40.86	-13.14	54	32.43	31.95	9.95	33.47	100	352	A	V
	*	5260	106.77	-	-	98.75	31.38	10.09	33.45	100	352	P	V
	*	5260	96.11	-	-	88.09	31.38	10.09	33.45	100	352	A	V
		5457.12	54.33	-19.67	74	45.77	31.73	10.26	33.43	100	352	P	V
		5352.48	40.91	-13.09	54	32.88	31.31	10.16	33.44	100	352	A	V
802.11n HT20 CH 60 5300MHz		5115.94	54.03	-19.97	74	45.59	31.97	9.94	33.47	100	74	P	H
		5141.78	40.97	-13.03	54	32.55	31.92	9.97	33.47	100	74	A	H
	*	5300	114.54	-	-	106.57	31.3	10.12	33.45	100	74	P	H
	*	5300	103.7	-	-	95.73	31.3	10.12	33.45	100	74	A	H
		5350.8	63.15	-10.85	74	55.13	31.3	10.16	33.44	100	74	P	H
		5355.36	45.66	-8.34	54	37.62	31.32	10.16	33.44	100	74	A	H
		5062.22	53.99	-20.01	74	45.74	31.85	9.87	33.47	104	360	P	V
		5128.18	40.84	-13.16	54	32.42	31.94	9.95	33.47	104	360	A	V
	*	5300	106.15	-	-	98.18	31.3	10.12	33.45	104	360	P	V
	*	5300	95.43	-	-	87.46	31.3	10.12	33.45	104	360	A	V
	5355.6	56.16	-17.84	74	48.12	31.32	10.16	33.44	104	360	P	V	
	5350.56	41.27	-12.73	54	33.25	31.3	10.16	33.44	104	360	A	V	



802.11n HT20 CH 64 5320MHz	*	5320	114.38	-	-	106.39	31.3	10.14	33.45	100	84	P	H
	*	5320	103.51	-	-	95.52	31.3	10.14	33.45	100	84	A	H
		5353.44	67.07	-6.93	74	59.04	31.31	10.16	33.44	100	84	P	H
		5350.56	47.58	-6.42	54	39.56	31.3	10.16	33.44	100	84	A	H
													H
													H
	*	5320	107.15	-	-	99.16	31.3	10.14	33.45	100	347	P	V
	*	5320	96.84	-	-	88.85	31.3	10.14	33.45	100	347	A	V
		5350.56	60.5	-13.5	74	52.48	31.3	10.16	33.44	100	347	P	V
		5350.4	42.76	-11.24	54	34.74	31.3	10.16	33.44	100	347	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	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 52 5260MHz		10520	46.6	-21.6	68.2	51.48	39.74	15.73	60.35	100	0	P	H	
		15780	62.62	-11.38	74	63.01	37.64	19.68	57.71	210	162	P	H	
		15780	45.74	-8.26	54	46.13	37.64	19.68	57.71	210	162	A	H	
													H	
			10520	46.69	-21.51	68.2	51.57	39.74	15.73	60.35	100	0	P	V
			15780	60.19	-13.81	74	60.58	37.64	19.68	57.71	329	198	P	V
			15780	42.72	-11.28	54	43.11	37.64	19.68	57.71	329	198	A	V
													V	
802.11n HT20 CH 60 5300MHz		10600	46.85	-27.15	74	51.69	39.9	15.8	60.54	100	0	P	H	
		15900	61.36	-12.64	74	61.87	37.3	19.73	57.54	210	163	P	H	
		15900	43.67	-10.33	54	44.18	37.3	19.73	57.54	210	163	A	H	
													H	
			10600	46.34	-27.66	74	51.18	39.9	15.8	60.54	100	0	P	V
			15900	55.91	-18.09	74	56.42	37.3	19.73	57.54	300	144	P	V
			15900	40.01	-13.99	54	40.52	37.3	19.73	57.54	300	144	A	V
													V	
802.11n HT20 CH 64 5320MHz		10640	46.1	-27.9	74	51.06	39.86	15.82	60.64	100	0	P	H	
		15960	65.38	-8.62	74	65.74	37.36	19.74	57.46	210	163	P	H	
		15960	47.71	-6.29	54	48.07	37.36	19.74	57.46	210	163	A	H	
													H	
			10640	46.44	-27.56	74	51.4	39.86	15.82	60.64	100	0	P	V
			15960	57.97	-16.03	74	58.33	37.36	19.74	57.46	332	198	P	V
			15960	41.88	-12.12	54	42.24	37.36	19.74	57.46	332	198	A	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	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		5123.42	54.34	-19.66	74	45.91	31.95	9.95	33.47	100	74	P	H
		5148.24	42.41	-11.59	54	34	31.9	9.98	33.47	100	74	A	H
	*	5270	113.6	-	-	105.59	31.36	10.1	33.45	100	74	P	H
	*	5270	103.2	-	-	95.19	31.36	10.1	33.45	100	74	A	H
		5350.8	62.88	-11.12	74	54.86	31.3	10.16	33.44	100	74	P	H
		5354.64	46.5	-7.5	54	38.46	31.32	10.16	33.44	100	74	A	H
		5144.5	54.49	-19.51	74	46.08	31.91	9.97	33.47	100	349	P	V
		5148.58	41.9	-12.1	54	33.49	31.9	9.98	33.47	100	349	A	V
	*	5270	106.6	-	-	98.59	31.36	10.1	33.45	100	349	P	V
	*	5270	96.6	-	-	88.59	31.36	10.1	33.45	100	349	A	V
		5352	55.83	-18.17	74	47.8	31.31	10.16	33.44	100	349	P	V
		5350.08	42.53	-11.47	54	34.51	31.3	10.16	33.44	100	349	A	V
802.11n HT40 CH 62 5310MHz		5129.88	54.31	-19.69	74	45.88	31.94	9.96	33.47	100	73	P	H
		5147.9	41.85	-12.15	54	33.44	31.9	9.98	33.47	100	73	A	H
	*	5310	109.38	-	-	101.4	31.3	10.13	33.45	100	73	P	H
	*	5310	99.38	-	-	91.4	31.3	10.13	33.45	100	73	A	H
		5364.24	63.06	-10.94	74	54.97	31.36	10.17	33.44	100	73	P	H
		5350.08	50.29	-3.71	54	42.27	31.3	10.16	33.44	100	73	A	H
		5132.6	54.35	-19.65	74	45.93	31.93	9.96	33.47	120	351	P	V
		5138.72	41.91	-12.09	54	33.49	31.92	9.97	33.47	120	351	A	V
	*	5310	102.28	-	-	94.3	31.3	10.13	33.45	120	351	P	V
	*	5310	92.38	-	-	84.4	31.3	10.13	33.45	120	351	A	V
	5350.8	58.25	-15.75	74	50.23	31.3	10.16	33.44	120	351	P	V	
	5351.04	45.18	-8.82	54	37.16	31.3	10.16	33.44	120	351	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	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		10540	46.48	-21.72	68.2	51.35	39.78	15.75	60.4	100	0	P	H
		15810	57.88	-16.12	74	58.29	37.57	19.69	57.67	205	162	P	H
		15810	45.93	-8.07	54	46.34	37.57	19.69	57.67	205	162	A	H
													H
		10540	46.68	-21.52	68.2	51.55	39.78	15.75	60.4	100	0	P	V
		15810	54.36	-19.64	74	54.77	37.57	19.69	57.67	196	175	P	V
		15810	42.73	-11.27	54	43.14	37.57	19.69	57.67	196	175	A	V
802.11n HT40 CH 62 5310MHz		10620	46.61	-27.39	74	51.52	39.88	15.8	60.59	100	0	P	H
		15930	46.84	-27.16	74	47.27	37.33	19.74	57.5	100	0	P	H
													H
													H
		10620	46.48	-27.52	74	51.39	39.88	15.8	60.59	100	0	P	V
		15930	45.86	-28.14	74	46.29	37.33	19.74	57.5	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	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 58 5290MHz		5069.7	54.53	-19.47	74	46.24	31.88	9.88	33.47	100	73	P	H
		5143.82	41.98	-12.02	54	33.57	31.91	9.97	33.47	100	73	A	H
	*	5290	101.38	-	-	93.4	31.32	10.11	33.45	100	73	P	H
	*	5290	91.38	-	-	83.4	31.32	10.11	33.45	100	73	A	H
		5357.28	59.72	-14.28	74	51.66	31.33	10.17	33.44	100	73	P	H
		5353.68	46.82	-7.18	54	38.79	31.31	10.16	33.44	100	73	A	H
		5140.76	54.19	-19.81	74	45.77	31.92	9.97	33.47	111	348	P	V
		5136	41.79	-12.21	54	33.37	31.93	9.96	33.47	111	348	A	V
	*	5290	94.68	-	-	86.7	31.32	10.11	33.45	111	348	P	V
	*	5290	84.38	-	-	76.4	31.32	10.11	33.45	111	348	A	V
		5375.76	54.95	-19.05	74	46.81	31.4	10.18	33.44	111	348	P	V
		5365.44	42.41	-11.59	54	34.32	31.36	10.17	33.44	111	348	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	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 58 5290MHz		10580	46.2	-22	68.2	51.05	39.86	15.78	60.49	100	0	P	H	
		15870	46.43	-27.57	74	46.91	37.39	19.71	57.58	100	0	P	H	
													H	
													H	
			10580	47.08	-21.12	68.2	51.93	39.86	15.78	60.49	100	0	P	V
			15870	46.43	-27.57	74	46.91	37.39	19.71	57.58	100	0	P	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	Limit	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
					Line	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11a CH 100 5500MHz		5459.28	64.44	-9.56	74	55.86	31.74	10.27	33.43	312	286	P	H	
		5468.88	64.97	-3.23	68.2	56.34	31.78	10.28	33.43	312	286	P	H	
		5452.88	45.51	-8.49	54	36.97	31.71	10.26	33.43	312	286	A	H	
	*	5500	113.42	-	-	104.64	31.9	10.31	33.43	312	286	P	H	
	*	5500	103.32	-	-	94.54	31.9	10.31	33.43	312	286	A	H	
														H
			5459.92	57.28	-16.72	74	48.7	31.74	10.27	33.43	110	11	P	V
			5468.88	59.38	-8.82	68.2	50.75	31.78	10.28	33.43	110	11	P	V
			5459.6	41.89	-12.11	54	33.31	31.74	10.27	33.43	110	11	A	V
	*		5500	106.67	-	-	97.89	31.9	10.31	33.43	110	11	P	V
	*		5500	96.37	-	-	87.59	31.9	10.31	33.43	110	11	A	V
														V
802.11a CH 116 5580MHz		5388.16	54.9	-19.1	74	46.7	31.45	10.19	33.44	100	71	P	H	
		5461.84	55.05	-13.15	68.2	46.46	31.75	10.27	33.43	100	71	P	H	
		5457.76	41.49	-12.51	54	32.93	31.73	10.26	33.43	100	71	A	H	
	*	5580	115.09	-	-	106.33	31.8	10.4	33.44	100	71	P	H	
	*	5580	104.5	-	-	95.74	31.8	10.4	33.44	100	71	A	H	
			5763.11	56.2	-12	68.2	46.99	32.13	10.55	33.47	100	71	P	H
			5436.64	54.56	-19.44	74	46.11	31.65	10.24	33.44	100	3	P	V
			5468.08	54.14	-14.06	68.2	45.53	31.77	10.27	33.43	100	3	P	V
			5433.52	40.92	-13.08	54	32.49	31.63	10.24	33.44	100	3	A	V
	*		5580	109.63	-	-	100.87	31.8	10.4	33.44	100	3	P	V
	*		5580	97.96	-	-	89.2	31.8	10.4	33.44	100	3	A	V
			5725.625	55.33	-12.87	68.2	46.22	32.05	10.52	33.46	100	3	P	V



802.11a CH 140 5700MHz	*	5700	114.84	-	-	105.8	32	10.5	33.46	100	79	P	H
	*	5700	104.49	-	-	95.45	32	10.5	33.46	100	79	A	H
		5749.8	62.2	-6	68.2	53.02	32.1	10.54	33.46	100	79	P	H
													H
													H
													H
	*	5700	106.69	-	-	97.65	32	10.5	33.46	111	2	P	V
	*	5700	96.75	-	-	87.71	32	10.5	33.46	111	2	A	V
		5727.8	57.24	-10.96	68.2	48.12	32.06	10.52	33.46	111	2	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	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	46.58	-27.42	74	51.78	40.2	16.1	61.5	100	0	P	H
		16500	46.21	-21.99	68.2	43.93	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	46.01	-27.99	74	51.21	40.2	16.1	61.5	100	0	P	V
		16500	46.13	-22.07	68.2	43.85	39.4	20.18	57.3	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	47	-27	74	52.68	39.62	16.23	61.53	100	0	P	H
		16740	47.12	-21.08	68.2	43.17	40.4	20.37	56.82	100	0	P	H
													H
													H
		11160	45.87	-28.13	74	51.55	39.62	16.23	61.53	100	0	P	V
		16740	46.87	-21.33	68.2	42.92	40.4	20.37	56.82	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	46.3	-27.7	74	51.86	39.6	16.42	61.58	100	0	P	H
		17100	52.61	-15.59	68.2	47.52	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	47	-27	74	52.56	39.6	16.42	61.58	100	0	P	V
		17100	48.7	-19.5	68.2	43.61	40.5	20.67	56.08	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	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 100 5500MHz		5459.92	62	-12	74	53.42	31.74	10.27	33.43	100	72	P	H	
		5469.84	63.93	-4.27	68.2	55.3	31.78	10.28	33.43	100	72	P	H	
		5452.56	43.82	-10.18	54	35.28	31.71	10.26	33.43	100	72	A	H	
	*	5500	112.9	-	-	104.12	31.9	10.31	33.43	100	72	P	H	
	*	5500	101.88	-	-	93.1	31.9	10.31	33.43	100	72	A	H	
														H
			5457.36	56.22	-17.78	74	47.66	31.73	10.26	33.43	109	351	P	V
			5468.72	57.88	-10.32	68.2	49.26	31.77	10.28	33.43	109	351	P	V
			5459.76	41.35	-12.65	54	32.77	31.74	10.27	33.43	109	351	A	V
	*		5500	106.42	-	-	97.64	31.9	10.31	33.43	109	351	P	V
	*		5500	95.52	-	-	86.74	31.9	10.31	33.43	109	351	A	V
														V
802.11n HT20 CH 116 5580MHz		5435.68	55.11	-18.89	74	46.67	31.64	10.24	33.44	107	71	P	H	
		5465.68	54.59	-13.61	68.2	45.99	31.76	10.27	33.43	107	71	P	H	
		5452.96	41.53	-12.47	54	32.99	31.71	10.26	33.43	107	71	A	H	
	*	5580	115.37	-	-	106.61	31.8	10.4	33.44	107	71	P	H	
	*	5580	104.46	-	-	95.7	31.8	10.4	33.44	107	71	A	H	
			5743.265	55.54	-12.66	68.2	46.38	32.09	10.53	33.46	107	71	P	H
			5437.36	54.42	-19.58	74	45.97	31.65	10.24	33.44	100	360	P	V
			5469.52	53.66	-14.54	68.2	45.03	31.78	10.28	33.43	100	360	P	V
			5443.84	40.94	-13.06	54	32.45	31.68	10.25	33.44	100	360	A	V
	*		5580	108.2	-	-	99.44	31.8	10.4	33.44	100	360	P	V
	*		5580	97.14	-	-	88.38	31.8	10.4	33.44	100	360	A	V
			5741.375	55.04	-13.16	68.2	45.89	32.08	10.53	33.46	100	360	P	V



802.11n HT20 CH 140 5700MHz	*	5700	111.24	-	-	102.2	32	10.5	33.46	100	78	P	H
	*	5700	100.24	-	-	91.2	32	10.5	33.46	100	78	A	H
		5728.76	61.7	-6.5	68.2	52.58	32.06	10.52	33.46	100	78	P	H
													H
													H
													H
	*	5700	105.14	-	-	96.1	32	10.5	33.46	400	339	P	V
	*	5700	94.04	-	-	85	32	10.5	33.46	400	339	A	V
		5746.2	59.97	-8.23	68.2	50.8	32.09	10.54	33.46	400	339	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	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 100 5500MHz		11000	45.49	-28.51	74	50.69	40.2	16.1	61.5	100	0	P	H
		16500	45.83	-22.37	68.2	43.55	39.4	20.18	57.3	100	0	P	H
													H
													H
		11000	46.55	-27.45	74	51.75	40.2	16.1	61.5	100	0	P	V
		16500	45.69	-22.51	68.2	43.41	39.4	20.18	57.3	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	45.93	-28.07	74	51.61	39.62	16.23	61.53	100	0	P	H
		16740	47.56	-20.64	68.2	43.61	40.4	20.37	56.82	100	0	P	H
													H
													H
		11160	46.17	-27.83	74	51.85	39.62	16.23	61.53	100	0	P	V
		16740	46.84	-21.36	68.2	42.89	40.4	20.37	56.82	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	45.93	-28.07	74	51.49	39.6	16.42	61.58	100	0	P	H
		17100	49.19	-19.01	68.2	44.1	40.5	20.67	56.08	100	0	P	H
													H
													H
		11400	46.32	-27.68	74	51.88	39.6	16.42	61.58	100	0	P	V
		17100	48.99	-19.21	68.2	43.9	40.5	20.67	56.08	100	0	P	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	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 102 5510MHz		5459.2	60.66	-13.34	74	52.08	31.74	10.27	33.43	100	62	P	H
		5470	63.84	-4.36	68.2	55.21	31.78	10.28	33.43	100	62	P	H
		5459.92	49.41	-4.59	54	40.83	31.74	10.27	33.43	100	62	A	H
	*	5510	112.22	-	-	103.45	31.88	10.32	33.43	100	62	P	H
	*	5510	101.29	-	-	92.52	31.88	10.32	33.43	100	62	A	H
		5746.73	58.86	-9.34	68.2	49.69	32.09	10.54	33.46	100	62	P	H
		5458.48	55.53	-18.47	74	46.97	31.73	10.26	33.43	100	347	P	V
		5470	58.34	-9.86	68.2	49.71	31.78	10.28	33.43	100	347	P	V
		5458.96	44	-10	54	35.43	31.74	10.26	33.43	100	347	A	V
	*	5510	103.8	-	-	95.03	31.88	10.32	33.43	100	347	P	V
	*	5510	93.54	-	-	84.77	31.88	10.32	33.43	100	347	A	V
	5746.415	58.18	-10.02	68.2	49.01	32.09	10.54	33.46	100	347	P	V	
802.11n HT40 CH 110 5550MHz		5458.72	55.07	-18.93	74	46.51	31.73	10.26	33.43	106	61	P	H
		5470	57.25	-10.95	68.2	48.62	31.78	10.28	33.43	106	61	P	H
		5459.68	43.61	-10.39	54	35.03	31.74	10.27	33.43	106	61	A	H
	*	5550	112.54	-	-	103.82	31.8	10.36	33.44	106	61	P	H
	*	5550	102.48	-	-	93.76	31.8	10.36	33.44	106	61	A	H
		5747.675	58.01	-10.19	68.2	48.83	32.1	10.54	33.46	106	61	P	H
		5448.16	53.37	-20.63	74	44.87	31.69	10.25	33.44	118	347	P	V
		5466.16	53.36	-14.84	68.2	44.76	31.76	10.27	33.43	118	347	P	V
		5457.76	41.98	-12.02	54	33.42	31.73	10.26	33.43	118	347	A	V
	*	5550	105.68	-	-	96.96	31.8	10.36	33.44	118	347	P	V
	*	5550	95.5	-	-	86.78	31.8	10.36	33.44	118	347	A	V
	5746.415	58.06	-10.14	68.2	48.89	32.09	10.54	33.46	118	347	P	V	



802.11n HT40 CH 134 5670MHz		5354.55	54.76	-19.24	74	46.72	31.32	10.16	33.44	100	75	P	H
		5466.2	54.04	-14.16	68.2	45.44	31.76	10.27	33.43	100	75	P	H
		5437.85	41.67	-12.33	54	33.22	31.65	10.24	33.44	100	75	A	H
	*	5670	111.88	-	-	103.03	31.82	10.48	33.45	100	75	P	H
	*	5670	101.77	-	-	92.92	31.82	10.48	33.45	100	75	A	H
		5725.45	63.85	-4.35	68.2	54.74	32.05	10.52	33.46	100	75	P	H
		5428.4	54.48	-19.52	74	46.08	31.61	10.23	33.44	100	349	P	V
		5466.9	54.35	-13.85	68.2	45.74	31.77	10.27	33.43	100	349	P	V
		5457.1	41.59	-12.41	54	33.03	31.73	10.26	33.43	100	349	A	V
	*	5670	104.08	-	-	95.23	31.82	10.48	33.45	100	349	P	V
	*	5670	93.39	-	-	84.54	31.82	10.48	33.45	100	349	A	V
		5747.675	58.95	-9.25	68.2	49.77	32.1	10.54	33.46	100	349	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	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 102 5510MHz		11020	45.63	-28.37	74	50.89	40.12	16.12	61.5	100	0	P	H
		16530	46.84	-21.36	68.2	44.48	39.4	20.2	57.24	100	0	P	H
													H
													H
		11020	46.04	-27.96	74	51.3	40.12	16.12	61.5	100	0	P	V
		16530	46.04	-22.16	68.2	43.68	39.4	20.2	57.24	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	46.36	-27.64	74	51.9	39.8	16.18	61.52	100	0	P	H
		16650	47.46	-20.74	68.2	44.36	39.8	20.3	57	100	0	P	H
													H
													H
		11100	46.92	-27.08	74	52.46	39.8	16.18	61.52	100	0	P	V
		16650	46.65	-21.55	68.2	43.55	39.8	20.3	57	100	0	P	V
													V
802.11n HT40 CH 134 5670MHz		11340	47.53	-26.47	74	53.18	39.54	16.38	61.57	100	0	P	H
		17010	48.71	-19.49	68.2	43.9	40.5	20.59	56.28	100	0	P	H
													H
													H
		11340	46.14	-27.86	74	51.79	39.54	16.38	61.57	100	0	P	V
		17010	48.38	-19.82	68.2	43.57	40.5	20.59	56.28	100	0	P	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	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 106 5530MHz		5452.24	63.51	-10.49	74	54.97	31.71	10.26	33.43	301	73	P	H
		5462.08	62.64	-5.56	68.2	54.05	31.75	10.27	33.43	301	73	P	H
		5458	51.85	-2.15	54	43.29	31.73	10.26	33.43	301	73	A	H
	*	5530	111.35	-	-	102.6	31.84	10.34	33.43	301	73	P	H
	*	5530	101.51	-	-	92.76	31.84	10.34	33.43	301	73	A	H
		5744.525	55.07	-13.13	68.2	45.9	32.09	10.54	33.46	301	73	P	H
		5456.56	55.54	-18.46	74	46.98	31.73	10.26	33.43	365	355	P	V
		5460.16	54.21	-13.99	68.2	45.63	31.74	10.27	33.43	365	355	P	V
		5458.24	43.42	-10.58	54	34.86	31.73	10.26	33.43	365	355	A	V
	*	5530	106.32	-	-	97.57	31.84	10.34	33.43	365	355	P	V
	*	5530	96.26	-	-	87.51	31.84	10.34	33.43	365	355	A	V
		5753.66	53.95	-14.25	68.2	44.77	32.11	10.54	33.47	365	355	P	V
802.11ac VHT80 CH 122 5610MHz		5457.28	58.32	-15.68	74	49.76	31.73	10.26	33.43	114	60	P	H
		5466.4	59.11	-9.09	68.2	50.5	31.77	10.27	33.43	114	60	P	H
		5459.92	45.05	-8.95	54	36.47	31.74	10.27	33.43	114	60	A	H
	*	5610	111.33	-	-	102.57	31.78	10.43	33.45	114	60	P	H
	*	5610	100.64	-	-	91.88	31.78	10.43	33.45	114	60	A	H
		5725.94	60.74	-7.46	68.2	51.63	32.05	10.52	33.46	114	60	P	H
		5454.64	55.45	-18.55	74	46.9	31.72	10.26	33.43	100	360	P	V
		5466.16	54.46	-13.74	68.2	45.86	31.76	10.27	33.43	100	360	P	V
		5454.4	41.92	-12.08	54	33.37	31.72	10.26	33.43	100	360	A	V
	*	5610	104.58	-	-	95.82	31.78	10.43	33.45	100	360	P	V
	*	5610	93.56	-	-	84.8	31.78	10.43	33.45	100	360	A	V
		5746.415	57.28	-10.92	68.2	48.11	32.09	10.54	33.46	100	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	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 106 5530MHz		11060	45.83	-28.17	74	51.23	39.96	16.15	61.51	100	0	P	H
		16590	46.79	-21.41	68.2	44.26	39.4	20.25	57.12	100	0	P	H
													H
													H
		11060	45.77	-28.23	74	51.17	39.96	16.15	61.51	100	0	P	V
		16590	46.48	-21.72	68.2	43.95	39.4	20.25	57.12	100	0	P	V
													V
802.11ac VHT80 CH 122 5610MHz		11220	45.83	-28.17	74	51.59	39.5	16.28	61.54	100	0	P	H
		16830	47.49	-20.71	68.2	43.16	40.52	20.45	56.64	100	0	P	H
													H
													H
		11220	46.28	-27.72	74	52.04	39.5	16.28	61.54	100	0	P	V
		16830	46.94	-21.26	68.2	42.61	40.52	20.45	56.64	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 144 5720MHz		5438.53	53.9	-20.1	74	45.45	31.65	10.24	33.44	100	78	P	H
		5463.88	53.39	-14.81	68.2	44.79	31.76	10.27	33.43	100	78	P	H
		5458.42	40.94	-13.06	54	32.38	31.73	10.26	33.43	100	78	A	H
	*	5720	113.75	-	-	104.65	32.04	10.52	33.46	100	78	P	H
	*	5720	103.15	-	-	94.05	32.04	10.52	33.46	100	78	A	H
		5851.25	57.39	-10.81	68.2	47.95	32.3	10.62	33.48	100	78	P	H
		5394.85	53.39	-20.61	74	45.15	31.48	10.2	33.44	107	3	P	V
		5470	52.96	-15.24	68.2	44.33	31.78	10.28	33.43	107	3	P	V
		5458.42	40.71	-13.29	54	32.15	31.73	10.26	33.43	107	3	A	V
	*	5720	105.8	-	-	96.7	32.04	10.52	33.46	107	3	P	V
	*	5720	95.4	-	-	86.3	32.04	10.52	33.46	107	3	A	V
		5945.5	56.03	-12.17	68.2	46.25	32.58	10.69	33.49	107	3	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI	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	46.4	-27.6	74	51.86	39.68	16.45	61.59	100	0	P	H
		17160	50.35	-17.85	68.2	45.03	40.56	20.71	55.95	100	0	P	H
													H
													H
		11440	45.58	-28.42	74	51.04	39.68	16.45	61.59	100	0	P	V
		17160	48.58	-19.62	68.2	43.26	40.56	20.71	55.95	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	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		5424.88	54.76	-19.24	74	46.37	31.6	10.23	33.44	100	76	P	H
		5468.17	53.74	-14.46	68.2	45.13	31.77	10.27	33.43	100	76	P	H
		5453.35	41.12	-12.88	54	32.58	31.71	10.26	33.43	100	76	A	H
	*	5720	113.15	-	-	104.05	32.04	10.52	33.46	100	76	P	H
	*	5720	102.15	-	-	93.05	32.04	10.52	33.46	100	76	A	H
		5930.75	57.37	-10.83	68.2	47.66	32.52	10.68	33.49	100	76	P	H
		5434.63	54.64	-19.36	74	46.2	31.64	10.24	33.44	399	336	P	V
		5464.27	53.74	-14.46	68.2	45.14	31.76	10.27	33.43	399	336	P	V
		5438.14	41.08	-12.92	54	32.63	31.65	10.24	33.44	399	336	A	V
	*	5720	109.19	-	-	100.09	32.04	10.52	33.46	399	336	P	V
	*	5720	98.2	-	-	89.1	32.04	10.52	33.46	399	336	A	V
			5888.5	55.78	-12.42	68.2	46.23	32.38	10.65	33.48	399	336	P
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	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		11440	45.85	-28.15	74	51.31	39.68	16.45	61.59	100	0	P	H	
		17160	50.68	-17.52	68.2	45.36	40.56	20.71	55.95	100	0	P	H	
													H	
													H	
			11440	46.76	-27.24	74	52.22	39.68	16.45	61.59	100	0	P	V
			17160	48.6	-19.6	68.2	43.28	40.56	20.71	55.95	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	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		5444.77	54.09	-19.91	74	45.6	31.68	10.25	33.44	100	77	P	H
		5470	53.7	-14.5	68.2	45.07	31.78	10.28	33.43	100	77	P	H
		5453.74	41.84	-12.16	54	33.3	31.71	10.26	33.43	100	77	A	H
	*	5710	113.95	-	-	104.88	32.02	10.51	33.46	100	77	P	H
	*	5710	103.12	-	-	94.05	32.02	10.51	33.46	100	77	A	H
		5885.25	57.56	-10.64	68.2	48.03	32.37	10.64	33.48	100	77	P	H
		5451.4	54.92	-19.08	74	46.38	31.71	10.26	33.43	112	348	P	V
		5465.83	53.68	-14.52	68.2	45.08	31.76	10.27	33.43	112	348	P	V
		5447.5	41.78	-12.22	54	33.28	31.69	10.25	33.44	112	348	A	V
	*	5710	103.56	-	-	94.49	32.02	10.51	33.46	112	348	P	V
	*	5710	93.58	-	-	84.51	32.02	10.51	33.46	112	348	A	V
		5931.75	55.83	-12.37	68.2	46.11	32.53	10.68	33.49	112	348	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	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		11420	45.59	-28.41	74	51.1	39.64	16.43	61.58	100	0	P	H	
		17130	55.11	-13.09	68.2	49.89	40.53	20.7	56.01	100	0	P	H	
													H	
													H	
			11420	46.26	-27.74	74	51.77	39.64	16.43	61.58	100	0	P	V
			17130	51.11	-17.09	68.2	45.89	40.53	20.7	56.01	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	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 138 5690MHz		5449.84	54.41	-19.59	74	45.9	31.7	10.25	33.44	100	59	P	H
		5467.39	53.98	-14.22	68.2	45.37	31.77	10.27	33.43	100	59	P	H
		5459.59	41.89	-12.11	54	33.31	31.74	10.27	33.43	100	59	A	H
	*	5690	111.42	-	-	102.45	31.94	10.49	33.46	100	59	P	H
	*	5690	100.79	-	-	91.82	31.94	10.49	33.46	100	59	A	H
		5857	57.51	-10.69	68.2	48.06	32.31	10.62	33.48	100	59	P	H
		5394.85	53.75	-20.25	74	45.51	31.48	10.2	33.44	103	313	P	V
		5461.15	53.26	-14.94	68.2	44.68	31.74	10.27	33.43	103	313	P	V
		5443.99	41.78	-12.22	54	33.29	31.68	10.25	33.44	103	313	A	V
	*	5690	103.34	-	-	94.37	31.94	10.49	33.46	103	313	P	V
	*	5690	92.96	-	-	83.99	31.94	10.49	33.46	103	313	A	V
		5875.75	56.32	-11.88	68.2	46.81	32.35	10.64	33.48	103	313	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	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 138 5690MHz		11380	45.51	-28.49	74	51.1	39.58	16.41	61.58	100	0	P	H	
		17070	57.51	-10.69	68.2	52.52	40.5	20.64	56.15	100	0	P	H	
													H	
													H	
			11380	46.99	-27.01	74	52.58	39.58	16.41	61.58	100	0	P	V
			17070	53.51	-14.69	68.2	48.52	40.5	20.64	56.15	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. 11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
802.11ac VHT80 LF		30.97	24.01	-15.99	40	29.38	24.05	0.78	30.2	-	-	P	H	
		185.2	29.55	-13.95	43.5	43.16	14.78	1.95	30.34	-	-	P	H	
		194.9	33.18	-10.32	43.5	46.7	14.83	1.98	30.33	-	-	P	H	
		238.55	31.31	-14.69	46	42.4	17.08	2.08	30.25	-	-	P	H	
		878.75	33.82	-12.18	46	29.81	28.99	4.19	29.17	-	-	P	H	
		951.5	36.1	-9.9	46	30.02	30.63	4.44	28.99	100	0	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
			59.1	31.28	-8.72	40	48.75	11.86	1.13	30.46	100	0	P	V
			157.07	29.41	-14.09	43.5	41.39	16.59	1.8	30.37	-	-	P	V
			194.9	32.14	-11.36	43.5	45.66	14.83	1.98	30.33	-	-	P	V
			361.74	29.49	-16.51	46	36.31	20.64	2.58	30.04	-	-	P	V
			729.37	35.44	-10.56	46	33.75	27.36	3.78	29.45	-	-	P	V
			955.38	35.42	-10.58	46	29.17	30.77	4.46	28.98	-	-	P	V
														V
														V
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



Note symbol

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



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		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		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

Test Engineer :	Jack Cheng , Lance Chiang, and Chuan Chu	Temperature :	22~24°C
		Relative Humidity :	56~60%

Note symbol

-L	Low channel location
-R	High channel location