



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. 22, 2019 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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History of this test report

Report No.	Version	Description	Issued Date
FR8N0846E	01	Initial issue of report	Apr. 09, 2019

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403 (i)	6dB & 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 1.05 dB at 5927.000 MHz
3.5	15.207	AC Conducted Emission	Pass	Under limit 14.31 dB at 0.2355 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: Natasha Hsieh



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	EV1
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	5745 MHz ~ 5825 MHz
Maximum Output Power to Antenna	<Chain 1> 802.11a : 23.42 dBm / 0.2198 W 802.11n HT20 : 23.56 dBm / 0.2270 W 802.11n HT40 : 24.06 dBm / 0.2547 W 802.11ac VHT20: 23.51 dBm / 0.2244 W 802.11ac VHT40: 23.97 dBm / 0.2495 W 802.11ac VHT80: 22.24 dBm / 0.1675 W < Chain. 2> 802.11a : 23.71 dBm / 0.2350 W 802.11n HT20 : 23.69 dBm / 0.2339 W 802.11n HT40 : 23.71 dBm / 0.2350 W 802.11ac VHT20: 23.66 dBm / 0.2323 W 802.11ac VHT40: 23.68 dBm / 0.2333 W 802.11ac VHT80: 21.16 dBm / 0.1306 W MIMO < Chain. 1+2> 802.11a : 25.97 dBm / 0.3954 W 802.11n HT20 : 25.60 dBm / 0.3631 W 802.11n HT40 : 26.67 dBm / 0.4645 W 802.11ac VHT20: 25.56 dBm / 0.3597 W 802.11ac VHT40: 26.61 dBm / 0.4581 W 802.11ac VHT80: 19.82 dBm / 0.0959 W
99% Occupied Bandwidth	<Chain. 1> 802.11a : 30.50 MHz 802.11n HT20 : 32.20 MHz 802.11n HT40 : 63.60 MHz 802.11ac VHT80 : 79.20 MHz <Chain. 2> 802.11a : 30.25 MHz 802.11n HT20 : 31.95 MHz 802.11n HT40 : 61.00 MHz 802.11ac VHT80 : 77.88 MHz MIMO <Chain. 1> 802.11a : 30.20 MHz 802.11n HT20 : 26.95 MHz 802.11n HT40 : 61.60 MHz 802.11ac VHT80 : 76.80 MHz MIMO <Chain. 2> 802.11a : 29.85 MHz 802.11n HT20 : 28.20 MHz 802.11n HT40 : 60.30 MHz 802.11ac VHT80 : 76.44 MHz
Type of Modulation	802.11a/n : OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac : OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)

Standards-related Product Specification			
Antenna Function Description		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 Antenna 1; Y plane for Antenna 2; Horizontal for Antenna 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)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155 [#]	5775	165	5825

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.

<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
CH 149	5745	20.75	CH 165							
CH 157	5785	22.58		23.28	23.35	23.33	23.37	23.33	23.22	23.10
CH 165	5825	23.42								

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 149	5745	20.70		CH 165	23.54	23.52	23.30	23.18	23.27	23.31
CH 157	5785	20.04								
CH 165	5825	23.56								

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								
CH 151	5755	24.06	CH 151	24.03	23.92	23.99	23.77	23.75	23.81	23.89
CH 159	5795	23.46								

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
CH 149	5745	20.65	CH 165	23.48	23.47	23.25	23.14	23.26	23.28	23.28	23.30
CH 157	5785	19.99									
CH 165	5825	23.51									

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										
CH 151	5755	23.97	CH 151	23.92	23.88	23.95	23.68	23.77	23.72	23.77	23.75	23.71
CH 159	5795	23.37										

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	49.90
CH155	5775	22.24	CH155	22.17	22.09	22.04	22.01	21.92	22.14	21.92	21.86	22.17

<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 149	5745	23.71	CH 149	23.43	23.56	23.43	23.66	23.35	23.32	23.23
CH 157	5785	23.32								
CH 165	5825	22.96								

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 149	5745	23.69		CH 149	23.60	23.57	23.54	23.31	23.31	23.38
CH 157	5785	23.32								
CH 165	5825	22.97								

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
CH 151	5755	23.71	CH 151	23.66	23.58	23.70	23.52	23.69	23.69	23.31
CH 159	5795	23.61								

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		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
CH 149	5745	23.66	CH 149	23.57	23.56	23.51	23.27	23.29	23.31	23.33	23.30
CH 157	5785	23.29									
CH 165	5825	22.94									

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 151	5755	23.68	CH 151									
CH 159	5795	23.59		23.51	23.43	23.50	23.63	23.66	23.62	23.64	23.61	23.65

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
CH155	5775	21.16		CH155	20.85	20.79	20.87	20.14	20.14	20.11	20.13	20.13

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
CH 149	5745	23.85	CH 165	25.76	25.82	25.96	25.90	25.80	25.90	25.81
CH 157	5785	23.72								
CH 165	5825	25.97								

802.11n HT20 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
CH 149	5745	24.36	CH 165	25.45	25.58	25.52	25.23	25.31	25.27	25.33
CH 157	5785	24.34								
CH 165	5825	25.60								

802.11n HT40 RF Output Power (dBm)										
Power vs. Channel			Power vs Data Rate							
Channel	Frequency (MHz)	MCS Index	channel	MCS Index						
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7
CH 151	5755	26.67	CH 151	26.53	26.50	26.51	26.28	26.52	26.38	26.31
CH 159	5795	26.18								

802.11ac VHT20 RF Output Power (dBm)											
Power vs. Channel			Power vs Data Rate								
Channel	Frequency (MHz)	MCS Index	channel	MCS Index							
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8
CH 149	5745	24.30	CH 165	25.39	25.52	25.49	25.17	25.17	25.13	25.16	25.21
CH 157	5785	24.31									
CH 165	5825	25.56									

802.11ac VHT40 RF Output Power (dBm)												
Power vs. Channel			Power vs Data Rate									
Channel	Frequency (MHz)	MCS Index	channel	MCS Index								
		MCS0		MCS1	MCS2	MCS3	MCS4	MCS5	MCS6	MCS7	MCS8	MCS9
CH 151	5755	26.61	CH 151	26.47	26.39	26.49	26.21	26.21	26.20	26.28	26.47	26.39
CH 159	5795	26.11										

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
CH155	5775	19.82	CH155	19.71	19.81	19.75	19.77	19.76	19.81	19.73	19.80	19.80

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

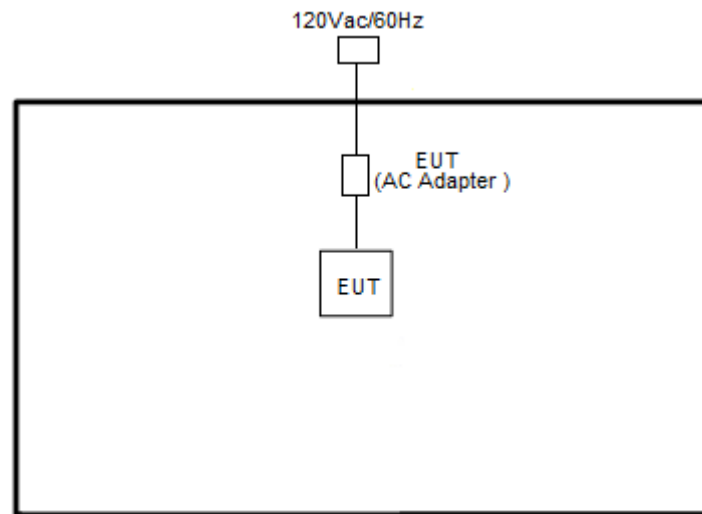
Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0
802.11ac VHT20 (Covered by HT20)	MCS0
802.11ac VHT40 (Covered by HT40)	MCS0
802.11ac VHT80	MCS0

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Link + Bluetooth Link + Audio Speaker (M1000) + Keyboard (SLK-101-M-USB-3F) + Scanner (LS3408) + RS-232 (cable load)* 2 + Int. Antenna + Ext. Antenna AN2020 + AC/DC 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) was tested.	

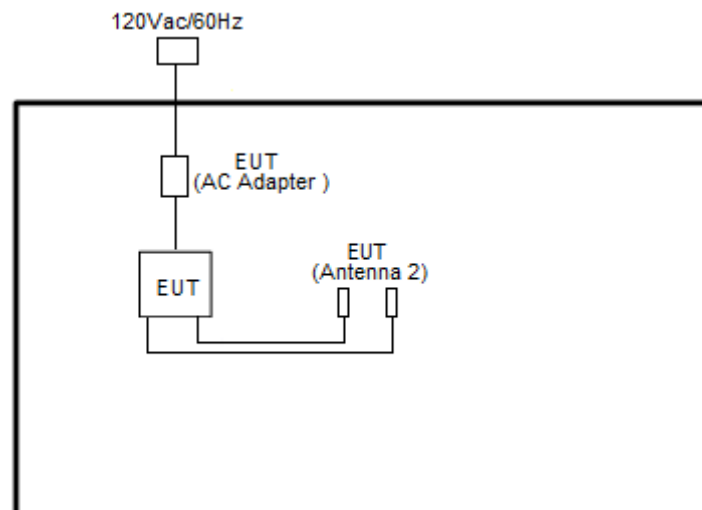
Ch. #		Band IV : 5725-5850 MHz			
		802.11a	802.11n HT20	802.11n HT40	802.11ac VHT80
L	Low	149	149	151	-
M	Middle	157	157	-	155
H	High	165	165	159	-

2.3 Connection Diagram of Test System

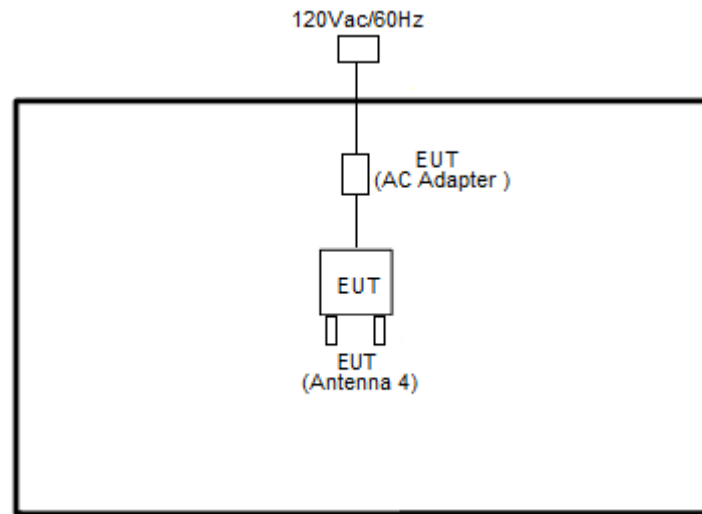
<EUT with Antenna 1>



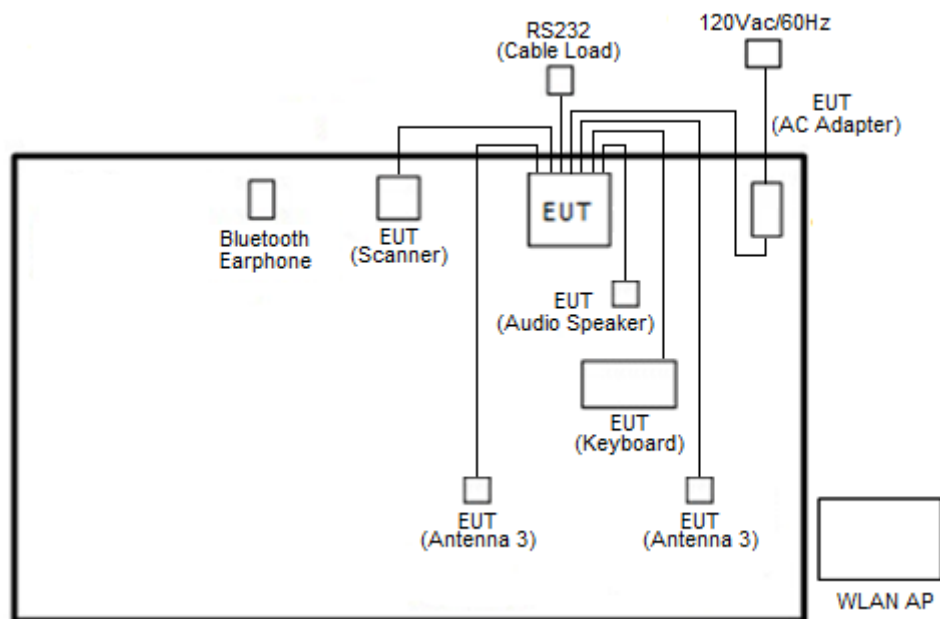
<EUT with Antenna 2>



<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.	Bluetooth Earphone	Sony Ericsson	MW600	PY7DDA-2029	N/A	N/A
2.	WLAN AP	ASUS	RT-AC66U	MSQ-RTAC66U	N/A	Unshielded, 1.8 m



2.5 EUT Operation Test Setup

The RF test items, utility “QRCT” was installed in EUT 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 6dB and 26dB and 99% Occupied Bandwidth Measurement

3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

26dB and 99% Occupied bandwidth are reporting only.

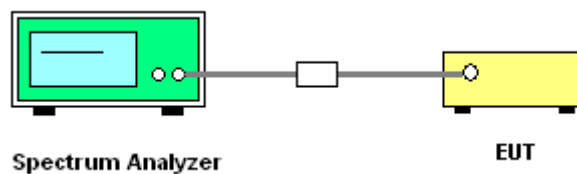
3.1.2 Measuring Instruments

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 for the band 5.725-5.85GHz
2. Set RBW = 100kHz.
3. Set the VBW $\geq 3 \times$ RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
7. Measure and record the results in the test report.

3.1.4 Test Setup



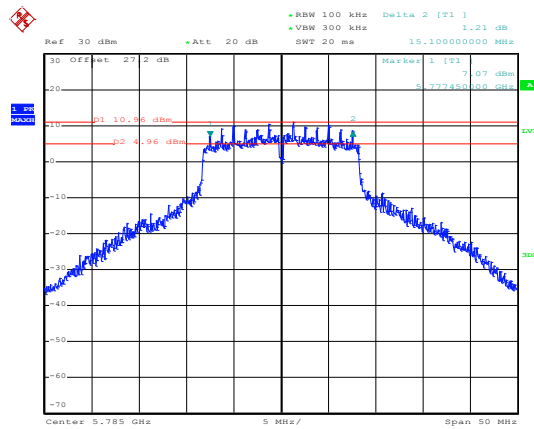


3.1.5 Test Result of 6dB Bandwidth

Test Engineer :	Shiming Liu	Temperature :	21~25℃
		Relative Humidity :	51~54%

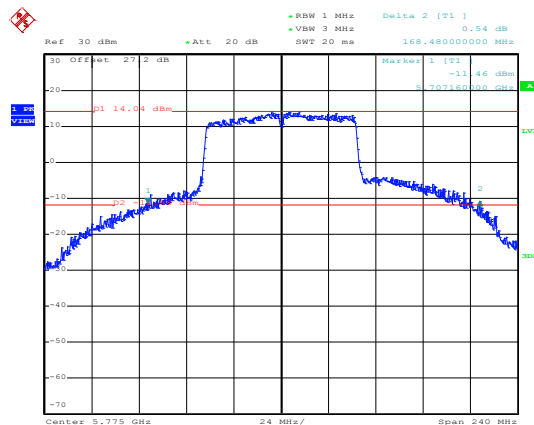
Band IV												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Chain 1	Chain 2	Chain 1	Chain 2	Chain 1	Chain 2		
11a	6Mbps	1	149	5745	17.45	30.25	29.75	47.95	16.23	16.20	0.5	Pass
11a	6Mbps	1	157	5785	27.10	29.70	44.40	46.75	16.30	16.30	0.5	Pass
11a	6Mbps	1	165	5825	30.50	30.15	47.85	48.05	16.25	16.30	0.5	Pass
HT20	MCS0	1	149	5745	18.20	31.65	29.90	50.61	15.95	17.50	0.5	Pass
HT20	MCS0	1	157	5785	18.10	31.45	28.25	49.93	15.60	17.50	0.5	Pass
HT20	MCS0	1	165	5825	32.20	31.95	53.12	50.40	17.50	17.50	0.5	Pass
HT40	MCS0	1	151	5755	63.60	61.00	102.35	102.19	36.09	35.64	0.5	Pass
HT40	MCS0	1	159	5795	60.10	59.50	102.72	97.44	35.28	35.28	0.5	Pass
VHT80	MCS0	1	155	5775	79.20	77.88	168.48	138.79	75.20	75.20	0.5	Pass
11a	6Mbps	2	149	5745	17.50	17.35	31.40	31.20	15.80	15.40	0.5	Pass
11a	6Mbps	2	157	5785	17.70	17.40	32.20	31.40	15.10	16.00	0.5	Pass
11a	6Mbps	2	165	5825	30.20	29.85	46.60	46.85	15.95	16.20	0.5	Pass
HT20	MCS0	2	149	5745	18.85	18.85	33.80	34.00	16.50	16.55	0.5	Pass
HT20	MCS0	2	157	5785	19.20	19.30	35.40	35.60	16.10	16.50	0.5	Pass
HT20	MCS0	2	165	5825	26.95	28.20	45.80	48.00	17.10	17.55	0.5	Pass
HT40	MCS0	2	151	5755	61.60	58.50	97.92	93.66	34.92	34.92	0.5	Pass
HT40	MCS0	2	159	5795	58.70	60.30	97.20	98.20	35.28	34.92	0.5	Pass
VHT80	MCS0	2	155	5775	76.80	76.44	84.80	82.56	75.20	75.20	0.5	Pass

Minimum 6dB Bandwidth

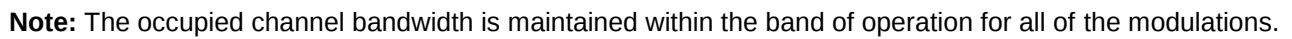


Date: 18.JAN.2019 11:50:53

Maximum 26dB Bandwidth



Date: 22.MAR.2019 21:42:24



3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

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.

3.2.2 Measuring Instruments

See list of measuring equipment of this test report.

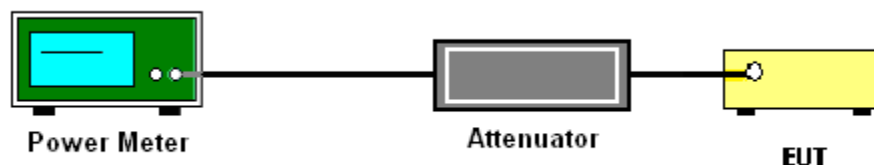
3.2.3 Test Procedures

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.

3.2.4 Test Setup





3.2.5 Test Result of Maximum Conducted Output Power

Test Engineer :	Shiming Liu	Temperature :	21~25℃
		Relative Humidity :	51~54%

Band IV														
Mod.	Data Rate	N _{TX}	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Chain 1	Chain 2	Chain 1	Chain 2	SUM	Chain 1	Chain 2	Chain 1	Chain 2	
11a	6Mbps	1	149	5745	0.22	0.21	20.75	23.71		30.00	30.00	4.17	4.55	Pass
11a	6Mbps	1	157	5785	0.22	0.21	22.58	23.32		30.00	30.00	4.17	4.55	Pass
11a	6Mbps	1	165	5825	0.22	0.21	23.42	22.96		30.00	30.00	4.17	4.55	Pass
HT20	MCS0	1	149	5745	0.33	0.29	20.70	23.69		30.00	30.00	4.17	4.55	Pass
HT20	MCS0	1	157	5785	0.33	0.29	20.04	23.32		30.00	30.00	4.17	4.55	Pass
HT20	MCS0	1	165	5825	0.33	0.29	23.56	22.97		30.00	30.00	4.17	4.55	Pass
HT40	MCS0	1	151	5755	0.55	0.51	24.06	23.71		30.00	30.00	4.17	4.55	Pass
HT40	MCS0	1	159	5795	0.55	0.51	23.46	23.61		30.00	30.00	4.17	4.55	Pass
VHT20	MCS0	1	149	5745	0.31	0.29	20.65	23.66		30.00	30.00	4.17	4.55	Pass
VHT20	MCS0	1	157	5785	0.31	0.29	19.99	23.29		30.00	30.00	4.17	4.55	Pass
VHT20	MCS0	1	165	5825	0.31	0.29	23.51	22.94		30.00	30.00	4.17	4.55	Pass
VHT40	MCS0	1	151	5755	0.51	2.40	23.97	24.65		30.00	30.00	4.17	4.55	Pass
VHT40	MCS0	1	159	5795	0.51	2.40	23.37	23.59		30.00	30.00	4.17	4.55	Pass
VHT80	MCS0	1	155	5775	0.69	0.66	22.24	21.16		30.00	30.00	4.17	4.55	Pass



Band IV														
Mod.	Data Rate	NTx	CH.	Freq. (MHz)	Duty Factor (dB)		Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Chain 1	Chain 2	Chain 1	Chain 2	SUM	Chain 1	Chain 2	Chain 1	Chain 2	
11a	6Mbps	2	149	5745	0.19	0.19	20.83	20.85	23.85	30.00		4.55		Pass
11a	6Mbps	2	157	5785	0.19	0.19	20.72	20.71	23.72	30.00		4.55		Pass
11a	6Mbps	2	165	5825	0.19	0.19	22.94	22.99	25.97	30.00		4.55		Pass
HT20	MCS0	2	149	5745	0.27	0.26	21.46	21.23	24.36	30.00		4.55		Pass
HT20	MCS0	2	157	5785	0.27	0.26	21.33	21.32	24.34	30.00		4.55		Pass
HT20	MCS0	2	165	5825	0.27	0.26	22.63	22.54	25.60	30.00		4.55		Pass
HT40	MCS0	2	151	5755	0.60	0.49	23.77	23.55	26.67	30.00		4.55		Pass
HT40	MCS0	2	159	5795	0.60	0.49	23.15	23.19	26.18	30.00		4.55		Pass
VHT20	MCS0	2	149	5745	0.26	0.25	21.38	21.20	24.30	30.00		4.55		Pass
VHT20	MCS0	2	157	5785	0.26	0.25	21.30	21.29	24.31	30.00		4.55		Pass
VHT20	MCS0	2	165	5825	0.26	0.25	22.60	22.49	25.56	30.00		4.55		Pass
VHT40	MCS0	2	151	5755	0.51	0.49	23.66	23.54	26.61	30.00		4.55		Pass
VHT40	MCS0	2	159	5795	0.51	0.49	23.03	23.17	26.11	30.00		4.55		Pass
VHT80	MCS0	2	155	5775	0.70	0.69	16.91	16.71	19.82	30.00		4.55		Pass



3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

For the band 5.725–5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

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).

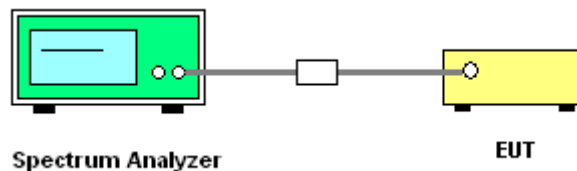
- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 300 kHz.
- Set VBW $\geq$ 1 MHz.
- Number of points in sweep $\geq$ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add $10 \log(500\text{kHz}/\text{RBW})$ to the test result.
- 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 (c): Measure and add $10 \log(N_{\text{ANT}})$ dB.

With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity $10 \log(N_{\text{ANT}})$ dB is added to each spectrum value before comparing to the emission limit. The addition of $10 \log(N_{\text{ANT}})$ dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{\text{ANT}}^{\text{th}}$ of the PSD limit.

3.3.4 Test Setup

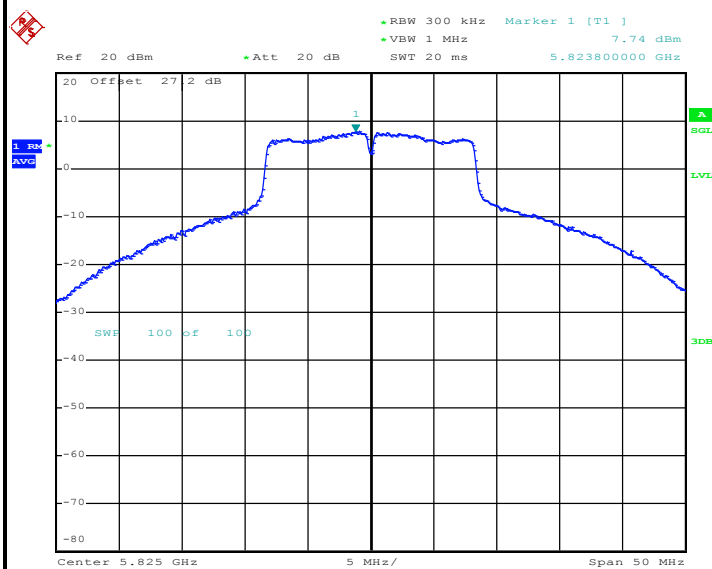




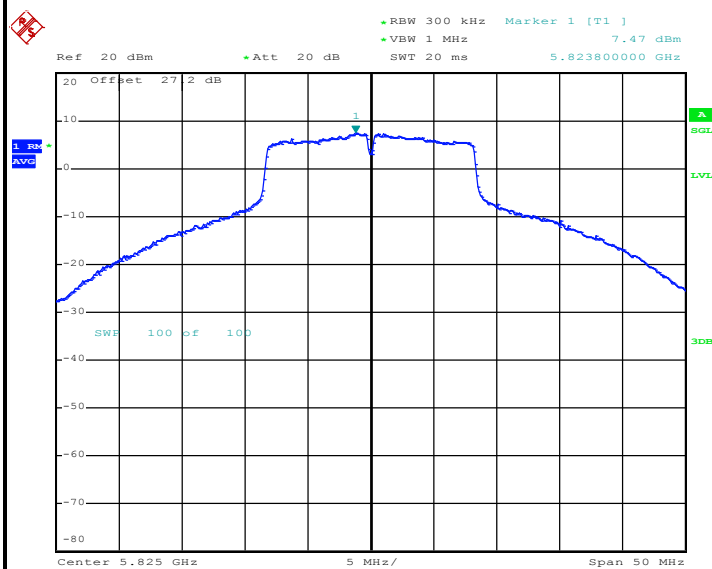
3.3.5 Test Result of Power Spectral Density

Test Engineer :	Shiming Liu	Temperature :	21~25℃
		Relative Humidity :	51~54%

Band IV																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		10log (500kHz /RBW) Factor (dB)		Average Power Density (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Chain 1	Chain 2	Chain 1	Chain 2	Chain 1	Chain 2	SUM	Chain 1	Chain 2	Chain 1	Chain 2	
11a	6Mbps	1	149	5745	0.22	0.21	2.22	2.22	10.79	10.60		30.00	30.00	4.17	4.55	Pass
11a	6Mbps	1	157	5785	0.22	0.21	2.22	2.22	10.85	10.38		30.00	30.00	4.17	4.55	Pass
11a	6Mbps	1	165	5825	0.22	0.21	2.22	2.22	10.73	10.20		30.00	30.00	4.17	4.55	Pass
HT20	MCS0	1	149	5745	0.33	0.29	2.22	2.22	10.71	10.50		30.00	30.00	4.17	4.55	Pass
HT20	MCS0	1	157	5785	0.33	0.29	2.22	2.22	10.66	10.39		30.00	30.00	4.17	4.55	Pass
HT20	MCS0	1	165	5825	0.33	0.29	2.22	2.22	10.50	10.05		30.00	30.00	4.17	4.55	Pass
HT40	MCS0	1	151	5755	0.55	0.51	2.22	2.22	7.86	7.68		30.00	30.00	4.17	4.55	Pass
HT40	MCS0	1	159	5795	0.55	0.51	2.22	2.22	7.48	7.17		30.00	30.00	4.17	4.55	Pass
VHT80	MCS0	1	155	5775	0.69	0.66	2.22	2.22	4.89	4.45		30.00	30.00	4.17	4.55	Pass
11a	6Mbps	2	149	5745	0.19	0.19	2.22		8.43	8.18	11.44	28.63		7.37		Pass
11a	6Mbps	2	157	5785	0.19	0.19	2.22		8.38	7.99	11.39	28.63		7.37		Pass
11a	6Mbps	2	165	5825	0.19	0.19	2.22		10.15	9.88	13.16	28.63		7.37		Pass
HT20	MCS0	2	149	5745	0.27	0.26	2.22		8.75	8.92	11.93	28.63		7.37		Pass
HT20	MCS0	2	157	5785	0.27	0.26	2.22		8.97	8.64	11.98	28.63		7.37		Pass
HT20	MCS0	2	165	5825	0.27	0.26	2.22		10.02	9.88	13.03	28.63		7.37		Pass
HT40	MCS0	2	151	5755	0.60	0.49	2.22		7.66	7.31	10.67	28.63		7.37		Pass
HT40	MCS0	2	159	5795	0.60	0.49	2.22		7.58	6.95	10.59	28.63		7.37		Pass
VHT80	MCS0	2	155	5775	0.70	0.69	2.22		-1.33	-1.74	1.68	28.63		7.37		Pass

Worst Case Power Density (dBm/MHz) for MIMO Chain 1


Date: 14.DEC.2018 13:38:25

Worst Case Power Density (dBm/MHz) for MIMO Chain 2


Date: 14.DEC.2018 13:38:47

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 5.725-5.85 GHz band:

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

- (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.

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



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

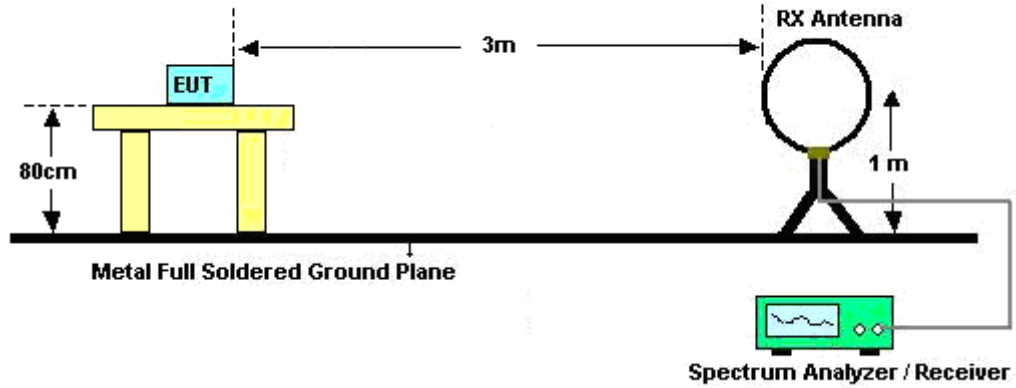
- RBW = 1 MHz
- VBW = 10 Hz, when duty cycle is no less than 98 percent.
- VBW $\geq$ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.



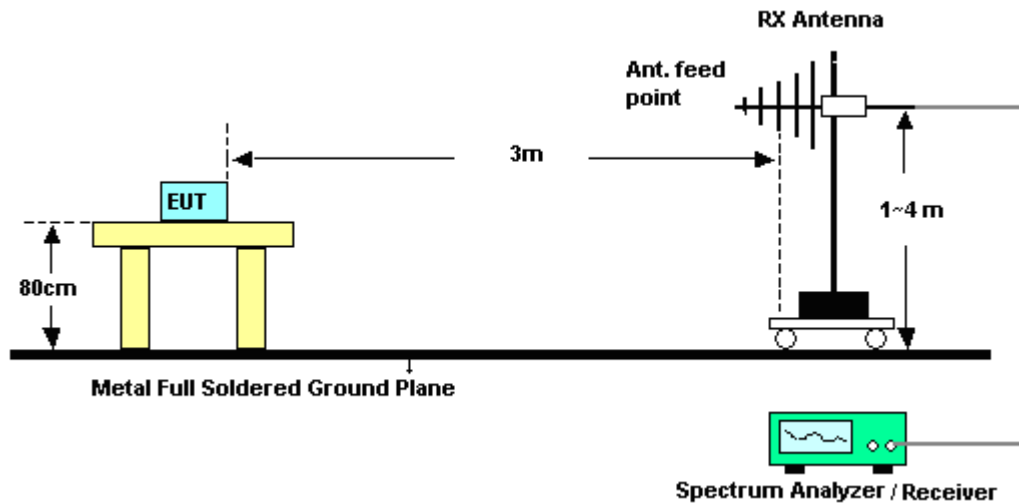
2. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
3. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
4. The antenna is a broadband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

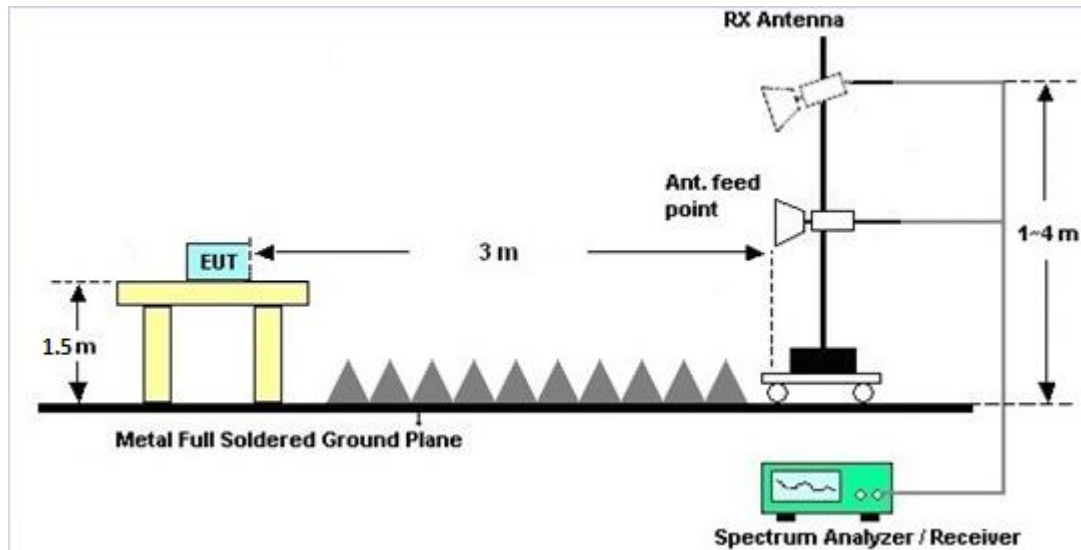
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



3.4.5 Test Results of Radiated 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 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 Unwanted Radiated Emission (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.

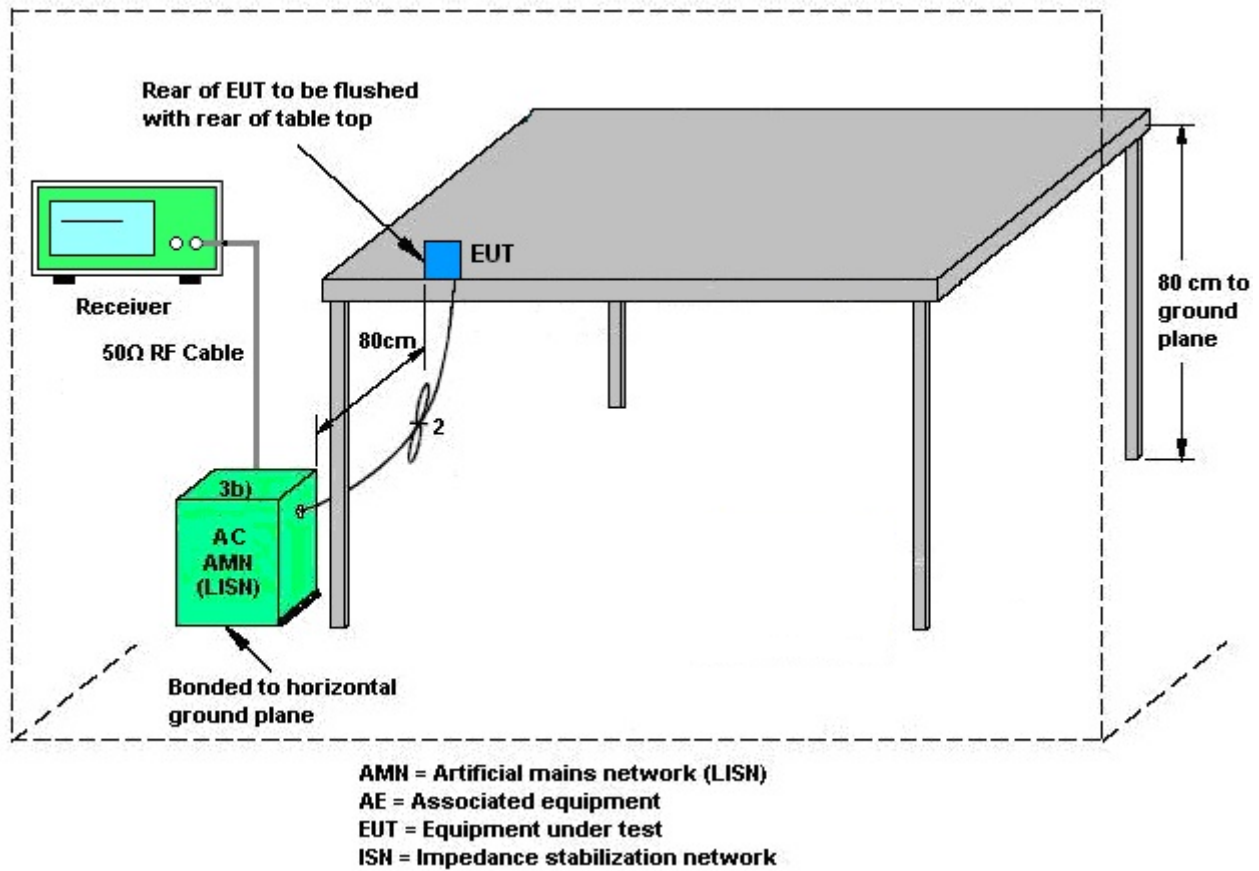
3.5.2 Measuring Instruments

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



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 = G_{ANT} + Array Gain, where Array Gain is as follows.

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

Array Gain = $10 \log(N_{ANT}/N_{SS}=1)$ dB.

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

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

The EUT supports CDD mode.

For power, the directional gain G_{ANT} 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)
	Chain. 1 (dBi)	Chain. 2 (dBi)				
Band IV	4.17	4.55	4.55	7.37	0.00	1.37

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

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



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Power Meter	Anritsu	ML2495A	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)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Sep. 14, 2018	Dec. 27, 2018	Sep. 13, 2019	Conduction (CO05-HY)
Pulse Limiter	SCHWARZBE CK	VTSD 9561-F N	9561-F N00373	9kHz~200MHz	Nov. 08, 2018	Dec. 27, 2018	Nov. 07, 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)



Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
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)
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)

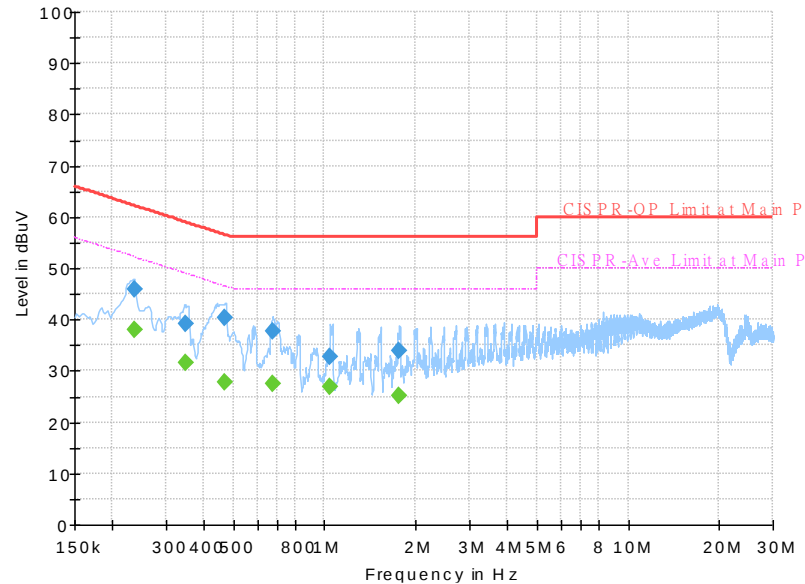
Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	5.2
---	-----

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

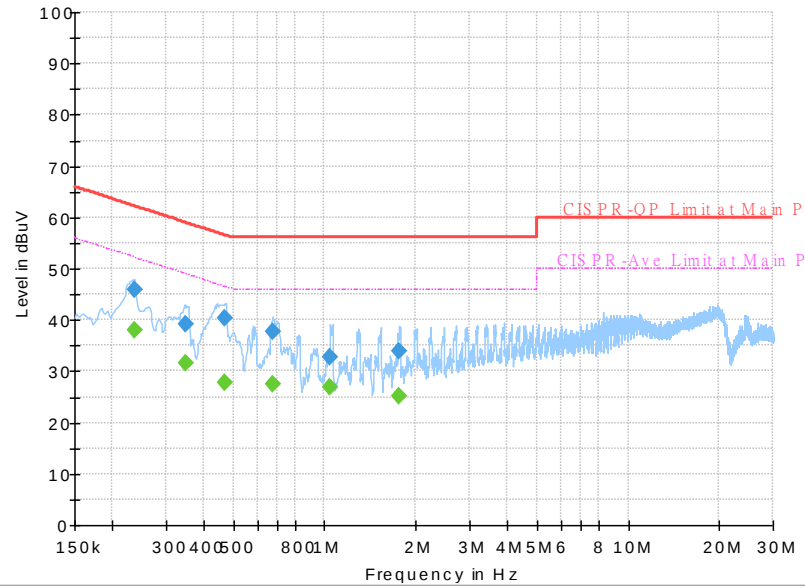


Final Result :

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.235500	---	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



Test Engineer :	Rick Lin	Temperature :	23~24℃
		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 ,Chuan Chu	Temperature :	22~24°C
		Relative Humidity :	56~60%

<For Antenna 1>

<Chain 1>

Band 4 - 5725~5850MHz

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 149 5745MHz		5642.8	61.81	-6.39	68.2	50.87	31.71	10.45	31.22	100	243	P	H
		5694	70.01	-30.77	100.78	58.8	31.96	10.5	31.25	100	243	P	H
		5717.6	83.3	-26.83	110.13	72.01	32.04	10.51	31.26	100	243	P	H
		5725	84.4	-37.8	122.2	73.09	32.05	10.52	31.26	100	243	P	H
	*	5745	121.65	-	-	110.29	32.09	10.54	31.27	100	243	P	H
	*	5745	110.48	-	-	99.12	32.09	10.54	31.27	100	243	A	H
													H
													H
		5626	56.57	-11.63	68.2	45.59	31.75	10.44	31.21	309	127	P	V
		5697.6	64.95	-38.48	103.43	53.71	31.99	10.5	31.25	309	127	P	V
		5718.2	67.8	-42.5	110.3	56.51	32.04	10.51	31.26	309	127	P	V
		5725	78.08	-44.12	122.2	66.77	32.05	10.52	31.26	309	127	P	V
	*	5745	115.69	-	-	104.33	32.09	10.54	31.27	309	127	P	V
	*	5745	105.51	-	-	94.15	32.09	10.54	31.27	309	127	A	V
													V
													V



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 157 5785MHz		5636.8	53.52	-14.68	68.2	44.79	31.73	10.45	33.45	100	120	P	H
		5700	56.47	-48.73	105.2	47.43	32	10.5	33.46	100	120	P	H
		5716.8	60.38	-49.53	109.91	51.3	32.03	10.51	33.46	100	120	P	H
		5724.2	61.66	-58.72	120.38	52.55	32.05	10.52	33.46	100	120	P	H
	*	5785	122.57	-	-	113.3	32.17	10.57	33.47	100	120	P	H
	*	5785	111.57	-	-	102.3	32.17	10.57	33.47	100	120	A	H
		5851.4	63.05	-55.96	119.01	53.61	32.3	10.62	33.48	100	120	P	H
		5870.4	61.73	-44.76	106.49	52.24	32.34	10.63	33.48	100	120	P	H
		5877.6	59.71	-43.56	103.27	50.19	32.36	10.64	33.48	100	120	P	H
		5948.2	57.02	-11.18	68.2	47.23	32.59	10.69	33.49	100	120	P	H
													H
													H
		5634.6	53.76	-14.44	68.2	45.03	31.73	10.45	33.45	350	127	P	V
		5685.6	53.21	-41.37	94.58	44.27	31.91	10.49	33.46	350	127	P	V
		5715.8	54.42	-55.21	109.63	45.34	32.03	10.51	33.46	350	127	P	V
		5721	54.69	-58.39	113.08	45.59	32.04	10.52	33.46	350	127	P	V
	*	5785	117.17	-	-	107.9	32.17	10.57	33.47	350	127	P	V
	*	5785	106.17	-	-	96.9	32.17	10.57	33.47	350	127	A	V
		5850.6	57.02	-63.81	120.83	47.58	32.3	10.62	33.48	350	127	P	V
		5856.8	57.3	-53	110.3	47.85	32.31	10.62	33.48	350	127	P	V
		5885.2	54.51	-43.12	97.63	44.98	32.37	10.64	33.48	350	127	P	V
		5946	54.92	-13.28	68.2	45.14	32.58	10.69	33.49	350	127	P	V
													V
													V



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 165 5825MHz	*	5825	122.97	-	-	113.6	32.25	10.6	33.48	114	121	P	H
	*	5825	112.27	-	-	102.9	32.25	10.6	33.48	114	121	A	H
		5850.6	94.04	-26.79	120.83	84.6	32.3	10.62	33.48	114	121	P	H
		5855.8	88.85	-21.73	110.58	79.4	32.31	10.62	33.48	114	121	P	H
		5875.4	70.11	-34.79	104.9	60.6	32.35	10.64	33.48	114	121	P	H
		5929.4	59.27	-8.93	68.2	49.56	32.52	10.68	33.49	114	121	P	H
													H
													H
	*	5825	118.07	-	-	108.7	32.25	10.6	33.48	314	128	P	V
	*	5825	107.17	-	-	97.8	32.25	10.6	33.48	314	128	A	V
		5850.2	88.36	-33.38	121.74	78.92	32.3	10.62	33.48	314	128	P	V
		5855.4	83.59	-27.1	110.69	74.14	32.31	10.62	33.48	314	128	P	V
		5875.4	63.51	-41.39	104.9	54	32.35	10.64	33.48	314	128	P	V
		5926.4	54.47	-13.73	68.2	44.78	32.51	10.67	33.49	314	128	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		11490	47.87	-26.13	74	53.2	39.78	16.49	61.6	100	0	P	H
		17235	65.18	-3.02	68.2	59.48	40.7	20.78	55.78	200	126	P	H
													H
													H
		11490	47.42	-26.58	74	52.75	39.78	16.49	61.6	100	0	P	V
		17235	53.87	-14.33	68.2	48.17	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	46.94	-27.06	74	52.48	39.66	16.55	61.75	100	0	P	H
		17355	64.15	-4.05	68.2	57.39	41.4	20.88	55.52	100	124	P	H
													H
													H
		11570	46.78	-27.22	74	52.32	39.66	16.55	61.75	100	0	P	V
		17355	57.45	-10.75	68.2	50.69	41.4	20.88	55.52	100	199	P	V
													V
													V
802.11a CH 165 5825MHz		11650	48.45	-25.55	74	54.41	39.35	16.62	61.93	100	0	P	H
		17475	64.76	-3.44	68.2	56.88	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	45.94	-28.06	74	51.9	39.35	16.62	61.93	100	0	P	V
		17475	56.5	-11.7	68.2	48.62	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		5648.4	57.09	-11.11	68.2	48.38	31.7	10.46	33.45	100	120	P	H
		5696.4	67.89	-34.66	102.55	58.87	31.98	10.5	33.46	100	120	P	H
		5716	71.15	-38.53	109.68	62.07	32.03	10.51	33.46	100	120	P	H
		5725	80.5	-41.7	122.2	71.39	32.05	10.52	33.46	100	120	P	H
	*	5745	118.35	-	-	109.18	32.09	10.54	33.46	100	120	P	H
	*	5745	107.15	-	-	97.98	32.09	10.54	33.46	100	120	A	H
													H
													H
		5634.4	53.74	-14.46	68.2	45.01	31.73	10.45	33.45	307	128	P	V
		5698.2	61.02	-42.85	103.87	51.99	31.99	10.5	33.46	307	128	P	V
		5718.6	64.67	-45.74	110.41	55.58	32.04	10.51	33.46	307	128	P	V
		5725	72.89	-49.31	122.2	63.78	32.05	10.52	33.46	307	128	P	V
	*	5745	111.72	-	-	102.55	32.09	10.54	33.46	307	128	P	V
	*	5745	100.26	-	-	91.09	32.09	10.54	33.46	307	128	A	V
													V
													V



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 157 5785MHz		5632.4	54.2	-14	68.2	45.46	31.74	10.45	33.45	100	120	P	H
		5696.8	60.65	-42.19	102.84	51.63	31.98	10.5	33.46	100	120	P	H
		5719.6	63.75	-46.94	110.69	54.65	32.04	10.52	33.46	100	120	P	H
		5725	65.49	-56.71	122.2	56.38	32.05	10.52	33.46	100	120	P	H
	*	5785	118.87	-	-	109.6	32.17	10.57	33.47	100	120	P	H
	*	5785	107.97	-	-	98.7	32.17	10.57	33.47	100	120	A	H
		5854.4	67.47	-44.7	112.17	58.02	32.31	10.62	33.48	100	120	P	H
		5856	66.27	-44.25	110.52	56.82	32.31	10.62	33.48	100	120	P	H
		5880	64.14	-37.35	101.49	54.62	32.36	10.64	33.48	100	120	P	H
		5935.2	57.77	-10.43	68.2	48.04	32.54	10.68	33.49	100	120	P	H
													H
													H
		5636.8	53.45	-14.75	68.2	44.72	31.73	10.45	33.45	319	128	P	V
		5697.8	55.67	-47.91	103.58	46.64	31.99	10.5	33.46	319	128	P	V
		5718.2	58.09	-52.21	110.3	49	32.04	10.51	33.46	319	128	P	V
		5723.2	59.28	-58.82	118.1	50.17	32.05	10.52	33.46	319	128	P	V
	*	5785	114.17	-	-	104.9	32.17	10.57	33.47	319	128	P	V
	*	5785	102.57	-	-	93.3	32.17	10.57	33.47	319	128	A	V
		5850.4	61.02	-60.27	121.29	51.58	32.3	10.62	33.48	319	128	P	V
		5855.2	60.62	-50.12	110.74	51.17	32.31	10.62	33.48	319	128	P	V
		5879.6	59.04	-42.74	101.78	49.52	32.36	10.64	33.48	319	128	P	V
		5945.4	56.23	-11.97	68.2	46.45	32.58	10.69	33.49	319	128	P	V
													V
													V



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 165 5825MHz	*	5825	122.57	-	-	113.2	32.25	10.6	33.48	115	121	P	H
	*	5825	111.37	-	-	102	32.25	10.6	33.48	115	121	A	H
		5850	97.65	-24.55	122.2	88.21	32.3	10.62	33.48	115	121	P	H
		5855	90.11	-20.69	110.8	80.66	32.31	10.62	33.48	115	121	P	H
		5875	71.52	-33.68	105.2	62.01	32.35	10.64	33.48	115	121	P	H
		5928.2	60.53	-7.67	68.2	50.83	32.51	10.68	33.49	115	121	P	H
													H
													H
	*	5825	117.87	-	-	108.5	32.25	10.6	33.48	314	128	P	V
	*	5825	106.37	-	-	97	32.25	10.6	33.48	314	128	A	V
		5850.2	92.05	-29.69	121.74	82.61	32.3	10.62	33.48	314	128	P	V
		5855.2	83.11	-27.63	110.74	73.66	32.31	10.62	33.48	314	128	P	V
		5876.4	65.41	-38.75	104.16	55.9	32.35	10.64	33.48	314	128	P	V
		5942.6	55.26	-12.94	68.2	45.49	32.57	10.69	33.49	314	128	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
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 149 5745MHz		11490	49	-25	74	54.33	39.78	16.49	61.6	100	0	P	H
		17235	65.04	-3.16	68.2	59.34	40.7	20.78	55.78	202	127	P	H
													H
													H
		11490	46.55	-27.45	74	51.88	39.78	16.49	61.6	100	0	P	V
		17235	50.36	-17.84	68.2	44.66	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	46.93	-27.07	74	52.47	39.66	16.55	61.75	100	0	P	H
		17355	62.05	-6.15	68.2	55.29	41.4	20.88	55.52	201	126	P	H
													H
													H
		11570	47.7	-26.3	74	53.24	39.66	16.55	61.75	100	0	P	V
		17355	55.45	-12.75	68.2	48.69	41.4	20.88	55.52	100	199	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	48.24	-25.76	74	54.2	39.35	16.62	61.93	100	0	P	H
		17475	63.74	-4.46	68.2	55.86	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	46.45	-27.55	74	52.41	39.35	16.62	61.93	100	0	P	V
		17475	56.7	-11.5	68.2	48.82	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		5636.2	62.26	-5.94	68.2	51.3	31.73	10.45	31.22	127	238	P	H
		5697.8	82.16	-21.42	103.58	70.92	31.99	10.5	31.25	127	238	P	H
		5712.4	94.18	-14.49	108.67	82.91	32.02	10.51	31.26	127	238	P	H
		5725	96.04	-26.16	122.2	84.73	32.05	10.52	31.26	127	238	P	H
	*	5755	116.51	-	-	105.13	32.11	10.54	31.27	127	238	P	H
	*	5755	105.35	-	-	93.97	32.11	10.54	31.27	127	238	A	H
		5853.2	69.66	-45.24	114.9	58.05	32.31	10.62	31.32	127	238	P	H
		5855	67.75	-43.05	110.8	56.14	32.31	10.62	31.32	127	238	P	H
		5875.6	63.15	-41.6	104.75	51.49	32.35	10.64	31.33	127	238	P	H
		5937	54.36	-13.84	68.2	42.5	32.55	10.68	31.37	127	238	P	H
													H
													H
		5636.2	55.59	-12.61	68.2	44.63	31.73	10.45	31.22	341	123	P	V
		5699.4	70.28	-34.48	104.76	59.03	32	10.5	31.25	341	123	P	V
		5718.6	84.68	-25.73	110.41	73.39	32.04	10.51	31.26	341	123	P	V
		5724.6	86.45	-34.84	121.29	75.14	32.05	10.52	31.26	341	123	P	V
	*	5755	110.46	-	-	99.08	32.11	10.54	31.27	341	123	P	V
	*	5755	99.37	-	-	87.99	32.11	10.54	31.27	341	123	A	V
		5855	61.99	-48.81	110.8	50.38	32.31	10.62	31.32	341	123	P	V
		5861.6	60.49	-48.46	108.95	48.87	32.32	10.63	31.33	341	123	P	V
		5875	58.48	-46.72	105.2	46.82	32.35	10.64	31.33	341	123	P	V
		5946.4	54.7	-13.5	68.2	42.79	32.59	10.69	31.37	341	123	P	V
													V
													V



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 159 5795MHz		5633.2	58.09	-10.11	68.2	47.13	31.73	10.45	31.22	100	122	P	H
		5696.4	69.39	-33.16	102.55	58.16	31.98	10.5	31.25	100	122	P	H
		5719.4	74.86	-35.77	110.63	63.56	32.04	10.52	31.26	100	122	P	H
		5720.6	76.88	-35.29	112.17	65.58	32.04	10.52	31.26	100	122	P	H
	*	5795	121.77	-	-	110.29	32.19	10.58	31.29	100	122	P	H
	*	5795	110.97	-	-	99.49	32.19	10.58	31.29	100	122	A	H
		5852.8	88.96	-26.86	115.82	77.35	32.31	10.62	31.32	100	122	P	H
		5856.6	88.59	-21.76	110.35	76.98	32.31	10.62	31.32	100	122	P	H
		5875.4	79.69	-25.21	104.9	68.03	32.35	10.64	31.33	100	122	P	H
		5927.8	64.11	-4.09	68.2	52.27	32.51	10.68	31.35	100	122	P	H
													H
													H
		5647.4	55.72	-12.48	68.2	44.77	31.71	10.46	31.22	317	129	P	V
		5696.2	62.03	-40.37	102.4	50.8	31.98	10.5	31.25	317	129	P	V
		5714	68.66	-40.46	109.12	57.38	32.03	10.51	31.26	317	129	P	V
		5722.2	69.66	-46.16	115.82	58.36	32.04	10.52	31.26	317	129	P	V
	*	5795	116.67	-	-	105.19	32.19	10.58	31.29	317	129	P	V
	*	5795	105.57	-	-	94.09	32.19	10.58	31.29	317	129	A	V
		5852.6	83.05	-33.22	116.27	71.44	32.31	10.62	31.32	317	129	P	V
		5856.4	82.31	-28.1	110.41	70.7	32.31	10.62	31.32	317	129	P	V
		5875.6	73.83	-30.92	104.75	62.17	32.35	10.64	31.33	317	129	P	V
		5927.2	62.8	-5.4	68.2	50.96	32.51	10.68	31.35	317	129	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		11510	49.9	-24.1	74	55.24	39.78	16.5	61.62	100	0	P	H
		17265	63.14	-5.06	68.2	57.25	40.8	20.81	55.72	100	0	P	H
													H
													H
		11510	47.42	-26.58	74	52.76	39.78	16.5	61.62	100	0	P	V
		17265	56.99	-11.21	68.2	51.1	40.8	20.81	55.72	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	47.09	-26.91	74	52.7	39.62	16.57	61.8	100	0	P	H
		17385	63.52	-4.68	68.2	56.4	41.67	20.9	55.45	100	0	P	H
													H
													H
		11590	47.54	-26.46	74	53.15	39.62	16.57	61.8	100	0	P	V
		17385	55.4	-12.8	68.2	48.28	41.67	20.9	55.45	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 155 5775MHz		5632.8	61.4	-6.8	68.2	50.44	31.73	10.45	31.22	116	239	P	H
		5695.6	81.49	-20.47	101.96	70.27	31.97	10.5	31.25	116	239	P	H
		5720	84.99	-25.81	110.8	73.69	32.04	10.52	31.26	116	239	P	H
		5720.4	85.54	-26.17	111.71	74.24	32.04	10.52	31.26	116	239	P	H
	*	5775	111.3	-	-	99.87	32.15	10.56	31.28	116	239	P	H
	*	5775	100.55	-	-	89.12	32.15	10.56	31.28	116	239	A	H
		5851.2	85.47	-33.99	119.46	73.87	32.3	10.62	31.32	116	239	P	H
		5858.6	84.95	-24.84	109.79	73.34	32.32	10.62	31.33	116	239	P	H
		5879	78.84	-23.39	102.23	67.17	32.36	10.64	31.33	116	239	P	H
		5929.8	64.92	-3.28	68.2	53.07	32.52	10.68	31.35	116	239	P	H
													H
													H
		5646.6	56.6	-11.6	68.2	45.65	31.71	10.46	31.22	320	127	P	V
		5695.6	73.64	-28.32	101.96	62.42	31.97	10.5	31.25	320	127	P	V
		5719	77.22	-33.3	110.52	65.92	32.04	10.52	31.26	320	127	P	V
		5720.2	77.61	-33.65	111.26	66.31	32.04	10.52	31.26	320	127	P	V
	*	5775	106.07	-	-	94.64	32.15	10.56	31.28	320	127	P	V
	*	5775	95.49	-	-	84.06	32.15	10.56	31.28	320	127	A	V
		5851.6	80.22	-38.33	118.55	68.62	32.3	10.62	31.32	320	127	P	V
		5858.8	79.23	-30.5	109.73	67.62	32.32	10.62	31.33	320	127	P	V
		5879	73.21	-29.02	102.23	61.54	32.36	10.64	31.33	320	127	P	V
		5930.8	60.76	-7.44	68.2	48.91	32.52	10.68	31.35	320	127	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 155 5775MHz		11550	47.07	-26.93	74	52.54	39.7	16.54	61.71	100	0	P	H
		17325	56.68	-11.52	68.2	50.29	41.12	20.85	55.58	100	0	P	H
													H
													H
		11550	46.05	-27.95	74	51.52	39.7	16.54	61.71	100	0	P	V
		17325	50.38	-17.82	68.2	43.99	41.12	20.85	55.58	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

5GHz WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11a LF		159.01	29.46	-14.04	43.5	41.5	16.5	1.82	30.36			P	H
		194.9	31.3	-12.2	43.5	44.82	14.83	1.98	30.33			P	H
		239.52	32.4	-13.6	46	43.38	17.19	2.08	30.25			P	H
		829.28	32.43	-13.57	46	29.81	27.82	4.05	29.25			P	H
		886.51	36.37	-9.63	46	32.34	28.97	4.22	29.16			P	H
		903.97	37.32	-8.68	46	33.17	29	4.28	29.13	100	0	P	H
													H
													H
													H
													H
													H
													H
		30	32.18	-7.82	40	37.02	24.57	0.77	30.18	100	0	P	V
		59.1	32.17	-7.83	40	49.64	11.86	1.13	30.46			P	V
		194.9	34.41	-9.09	43.5	47.93	14.83	1.98	30.33			P	V
		717.73	35.16	-10.84	46	34.04	26.85	3.75	29.48			P	V
		849.65	34.98	-11.02	46	31.23	28.87	4.1	29.22			P	V
		958.29	35.56	-10.44	46	29.19	30.88	4.46	28.97			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 4 - 5725~5850MHz

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 149 5745MHz		5640.2	59.44	-8.76	68.2	48.49	31.72	10.45	31.22	129	146	P	H
		5696.2	66.71	-35.69	102.4	55.48	31.98	10.5	31.25	129	146	P	H
		5717.4	87.84	-22.23	110.07	76.56	32.03	10.51	31.26	129	146	P	H
		5725	96.34	-25.86	122.2	85.03	32.05	10.52	31.26	129	146	P	H
	*	5745	124.18	-	-	112.82	32.09	10.54	31.27	129	146	P	H
	*	5745	112.97	-	-	101.61	32.09	10.54	31.27	129	146	A	H
													H
													H
		5617.6	59.29	-8.91	68.2	48.31	31.76	10.43	31.21	100	230	P	V
		5699.8	61.41	-43.64	105.05	50.16	32	10.5	31.25	100	230	P	V
		5717.6	81.23	-28.9	110.13	69.94	32.04	10.51	31.26	100	230	P	V
		5724.6	88.93	-32.36	121.29	77.62	32.05	10.52	31.26	100	230	P	V
	*	5745	116.66	-	-	105.3	32.09	10.54	31.27	100	230	P	V
	*	5745	105.71	-	-	94.35	32.09	10.54	31.27	100	230	A	V
													V
													V



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 157 5785MHz		5633.2	54.55	-13.65	68.2	45.82	31.73	10.45	33.45	100	145	P	H
		5693.6	56.82	-43.66	100.48	47.83	31.96	10.49	33.46	100	145	P	H
		5719	61.82	-48.7	110.52	52.72	32.04	10.52	33.46	100	145	P	H
		5721.6	61.81	-52.64	114.45	52.71	32.04	10.52	33.46	100	145	P	H
	*	5785	121.64	-	-	112.37	32.17	10.57	33.47	100	145	P	H
	*	5785	111.57	-	-	102.3	32.17	10.57	33.47	100	145	A	H
		5850.6	64.46	-56.37	120.83	55.02	32.3	10.62	33.48	100	145	P	H
		5858	63.52	-46.44	109.96	54.06	32.32	10.62	33.48	100	145	P	H
		5877.8	60.13	-42.99	103.12	50.61	32.36	10.64	33.48	100	145	P	H
		5936.8	57.62	-10.58	68.2	47.88	32.55	10.68	33.49	100	145	P	H
													H
													H
		5603.8	53.56	-14.64	68.2	44.79	31.79	10.42	33.44	100	230	P	V
		5669	55.51	-26.79	82.3	46.67	31.81	10.48	33.45	100	230	P	V
		5713.4	55.84	-53.11	108.95	46.76	32.03	10.51	33.46	100	230	P	V
		5723.2	58.11	-59.99	118.1	49	32.05	10.52	33.46	100	230	P	V
	*	5785	115.52	-	-	106.25	32.17	10.57	33.47	100	230	P	V
	*	5785	104.48	-	-	95.21	32.17	10.57	33.47	100	230	A	V
		5850	58.18	-64.02	122.2	48.74	32.3	10.62	33.48	100	230	P	V
		5860.4	56.12	-53.17	109.29	46.65	32.32	10.63	33.48	100	230	P	V
		5875.8	55.52	-49.09	104.61	46.01	32.35	10.64	33.48	100	230	P	V
		5941.4	54.7	-13.5	68.2	44.93	32.57	10.69	33.49	100	230	P	V
													V
													V

[illegible]



Band 4 5725~5850MHz

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 149 5745MHz		11490	47.41	-26.59	74	52.74	39.78	16.49	61.6	100	0	P	H
		17235	57.33	-10.87	68.2	51.63	40.7	20.78	55.78	100	0	P	H
													H
													H
		11490	47.84	-26.16	74	53.17	39.78	16.49	61.6	100	0	P	V
		17235	52.76	-15.44	68.2	47.06	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	45.91	-28.09	74	51.45	39.66	16.55	61.75	100	0	P	H
		17355	56.15	-12.05	68.2	49.39	41.4	20.88	55.52	100	0	P	H
													H
													H
		11570	45.73	-28.27	74	51.27	39.66	16.55	61.75	100	0	P	V
		17355	51.72	-16.48	68.2	44.96	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	45.91	-28.09	74	51.87	39.35	16.62	61.93	100	0	P	H
		17475	53.14	-15.06	68.2	45.26	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	46.64	-27.36	74	52.6	39.35	16.62	61.93	100	0	P	V
		17475	50.48	-17.72	68.2	42.6	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		5649.4	55.86	-12.34	68.2	47.15	31.7	10.46	33.45	116	215	P	H
		5699.8	69.95	-35.1	105.05	60.91	32	10.5	33.46	116	215	P	H
		5719.8	90.21	-20.53	110.74	81.11	32.04	10.52	33.46	116	215	P	H
		5724.8	98.27	-23.47	121.74	89.16	32.05	10.52	33.46	116	215	P	H
	*	5745	121.8	-	-	112.63	32.09	10.54	33.46	116	215	P	H
	*	5745	111.39	-	-	102.22	32.09	10.54	33.46	116	215	A	H
													H
													H
		5617.6	54.63	-13.57	68.2	45.89	31.76	10.43	33.45	100	237	P	V
		5700	65.98	-39.22	105.2	56.94	32	10.5	33.46	100	237	P	V
		5719.2	85.3	-25.28	110.58	76.2	32.04	10.52	33.46	100	237	P	V
		5725	92.22	-29.98	122.2	83.11	32.05	10.52	33.46	100	237	P	V
	*	5745	116.04	-	-	106.87	32.09	10.54	33.46	100	237	P	V
	*	5745	104.82	-	-	95.65	32.09	10.54	33.46	100	237	A	V
													V
													V



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 157 5785MHz		5639.2	54.6	-13.6	68.2	45.88	31.72	10.45	33.45	100	150	P	H
		5697.2	59.17	-43.97	103.14	50.15	31.98	10.5	33.46	100	150	P	H
		5719.8	60.61	-50.13	110.74	51.51	32.04	10.52	33.46	100	150	P	H
		5724.8	63.11	-58.63	121.74	54	32.05	10.52	33.46	100	150	P	H
	*	5785	122.2	-	-	112.93	32.17	10.57	33.47	100	150	P	H
	*	5785	110.79	-	-	101.52	32.17	10.57	33.47	100	150	A	H
		5854.2	64.09	-48.53	112.62	54.64	32.31	10.62	33.48	100	150	P	H
		5858.6	63.68	-46.11	109.79	54.22	32.32	10.62	33.48	100	150	P	H
		5881.8	59.83	-40.32	100.15	50.31	32.36	10.64	33.48	100	150	P	H
		5934.4	57.04	-11.16	68.2	47.31	32.54	10.68	33.49	100	150	P	H
													H
													H
		5600.8	54.02	-14.18	68.2	45.24	31.8	10.42	33.44	100	229	P	V
		5671	54.18	-29.6	83.78	45.32	31.83	10.48	33.45	100	229	P	V
		5719.6	55.88	-54.81	110.69	46.78	32.04	10.52	33.46	100	229	P	V
		5722	57.11	-58.25	115.36	48.01	32.04	10.52	33.46	100	229	P	V
	*	5785	114.66	-	-	105.39	32.17	10.57	33.47	100	229	P	V
	*	5785	103.75	-	-	94.48	32.17	10.57	33.47	100	229	A	V
		5851.6	58.25	-60.3	118.55	48.81	32.3	10.62	33.48	100	229	P	V
		5855.6	55.89	-54.74	110.63	46.44	32.31	10.62	33.48	100	229	P	V
		5882.6	55.46	-44.1	99.56	45.93	32.37	10.64	33.48	100	229	P	V
		5935	54.46	-13.74	68.2	44.73	32.54	10.68	33.49	100	229	P	V
													V
													V



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 165 5825MHz	*	5825	121.89	-	-	112.52	32.25	10.6	33.48	103	145	P	H
	*	5825	111.18	-	-	101.81	32.25	10.6	33.48	103	145	A	H
		5850.2	90.37	-31.37	121.74	80.93	32.3	10.62	33.48	103	145	P	H
		5856.2	78.63	-31.83	110.46	69.18	32.31	10.62	33.48	103	145	P	H
		5875.2	67.15	-37.9	105.05	57.64	32.35	10.64	33.48	103	145	P	H
		5929.6	59.41	-8.79	68.2	49.7	32.52	10.68	33.49	103	145	P	H
													H
													H
	*	5825	114.57	-	-	105.2	32.25	10.6	33.48	100	230	P	V
	*	5825	103.54	-	-	94.17	32.25	10.6	33.48	100	230	A	V
		5850.4	81.14	-40.15	121.29	71.7	32.3	10.62	33.48	100	230	P	V
		5856.2	70.29	-40.17	110.46	60.84	32.31	10.62	33.48	100	230	P	V
		5876.4	59.33	-44.83	104.16	49.82	32.35	10.64	33.48	100	230	P	V
		5933.8	54.68	-13.52	68.2	44.95	32.54	10.68	33.49	100	230	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
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 149 5745MHz		11490	46.65	-27.35	74	51.98	39.78	16.49	61.6	100	0	P	H
		17235	56.26	-11.94	68.2	50.56	40.7	20.78	55.78	100	0	P	H
													H
													H
		11490	48.5	-25.5	74	53.83	39.78	16.49	61.6	100	0	P	V
		17235	53.34	-14.86	68.2	47.64	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	45.7	-28.3	74	51.24	39.66	16.55	61.75	100	0	P	H
		17355	57.66	-10.54	68.2	50.9	41.4	20.88	55.52	100	0	P	H
													H
													H
		11570	45.33	-28.67	74	50.87	39.66	16.55	61.75	100	0	P	V
		17355	52.87	-15.33	68.2	46.11	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	47.08	-26.92	74	53.04	39.35	16.62	61.93	100	0	P	H
		17475	52.22	-15.98	68.2	44.34	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	46.77	-27.23	74	52.73	39.35	16.62	61.93	100	0	P	V
		17475	51.21	-16.99	68.2	43.33	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		5649.8	62.57	-5.63	68.2	51.63	31.7	10.46	31.22	101	145	P	H
		5699.2	83.43	-21.18	104.61	72.18	32	10.5	31.25	101	145	P	H
		5718.6	96.69	-13.72	110.41	85.4	32.04	10.51	31.26	101	145	P	H
		5721.8	98.26	-16.64	114.9	86.96	32.04	10.52	31.26	101	145	P	H
	*	5755	121.52	-	-	110.14	32.11	10.54	31.27	101	145	P	H
	*	5755	110.56	-	-	99.18	32.11	10.54	31.27	101	145	A	H
		5852.8	66.11	-49.71	115.82	54.5	32.31	10.62	31.32	101	145	P	H
		5865.2	64.92	-43.02	107.94	53.29	32.33	10.63	31.33	101	145	P	H
		5875	61.91	-43.29	105.2	50.25	32.35	10.64	31.33	101	145	P	H
		5949.2	61.5	-6.7	68.2	49.58	32.6	10.69	31.37	101	145	P	H
													H
													H
		5637.4	61.67	-6.53	68.2	50.71	31.73	10.45	31.22	104	233	P	V
		5699	76.97	-27.49	104.46	65.73	31.99	10.5	31.25	104	233	P	V
		5716.4	89.41	-20.38	109.79	78.13	32.03	10.51	31.26	104	233	P	V
		5721.8	91.19	-23.71	114.9	79.89	32.04	10.52	31.26	104	233	P	V
	*	5755	113.63	-	-	102.25	32.11	10.54	31.27	104	233	P	V
	*	5755	102.8	-	-	91.42	32.11	10.54	31.27	104	233	A	V
		5850.6	60.5	-60.33	120.83	48.9	32.3	10.62	31.32	104	233	P	V
		5859	61.01	-48.67	109.68	49.4	32.32	10.62	31.33	104	233	P	V
		5923.6	60.16	-9.07	69.23	48.35	32.49	10.67	31.35	104	233	P	V
		5926.2	60.74	-7.46	68.2	48.92	32.5	10.67	31.35	104	233	P	V
													V
													V



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 159 5795MHz		5632.4	55.16	-13.04	68.2	46.42	31.74	10.45	33.45	100	147	P	H
		5698.6	62.23	-41.94	104.17	53.2	31.99	10.5	33.46	100	147	P	H
		5720	68.42	-42.38	110.8	59.32	32.04	10.52	33.46	100	147	P	H
		5724.8	69.67	-52.07	121.74	60.56	32.05	10.52	33.46	100	147	P	H
	*	5795	119.74	-	-	110.44	32.19	10.58	33.47	100	147	P	H
	*	5795	107.96	-	-	98.66	32.19	10.58	33.47	100	147	A	H
		5850.8	77.48	-42.9	120.38	68.04	32.3	10.62	33.48	100	147	P	H
		5858	78.06	-31.9	109.96	68.6	32.32	10.62	33.48	100	147	P	H
		5875.6	67.92	-36.83	104.75	58.41	32.35	10.64	33.48	100	147	P	H
		5927.4	60.1	-8.1	68.2	50.4	32.51	10.68	33.49	100	147	P	H
													H
													H
		5602.6	54.24	-13.96	68.2	45.47	31.79	10.42	33.44	109	232	P	V
		5698	56.58	-47.15	103.73	47.55	31.99	10.5	33.46	109	232	P	V
		5719.2	62.16	-48.42	110.58	53.06	32.04	10.52	33.46	109	232	P	V
		5725	62.04	-60.16	122.2	52.93	32.05	10.52	33.46	109	232	P	V
	*	5795	112.35	-	-	103.05	32.19	10.58	33.47	109	232	P	V
	*	5795	101.79	-	-	92.49	32.19	10.58	33.47	109	232	A	V
		5852.8	69.61	-46.21	115.82	60.16	32.31	10.62	33.48	109	232	P	V
		5857.6	68.59	-41.48	110.07	59.13	32.32	10.62	33.48	109	232	P	V
		5875.4	60.37	-44.53	104.9	50.86	32.35	10.64	33.48	109	232	P	V
		5925.2	55.42	-12.78	68.2	45.74	32.5	10.67	33.49	109	232	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
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 151 5755MHz		11510	45.38	-28.62	74	50.72	39.78	16.5	61.62	100	0	P	H
		17265	53.95	-14.25	68.2	48.06	40.8	20.81	55.72	100	0	P	H
													H
													H
		11510	45.47	-28.53	74	50.81	39.78	16.5	61.62	100	0	P	V
		17265	47.66	-20.54	68.2	41.77	40.8	20.81	55.72	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	48.1	-25.9	74	53.71	39.62	16.57	61.8	100	0	P	H
		17385	54.81	-13.39	68.2	47.69	41.67	20.9	55.45	100	0	P	H
													H
													H
		11590	47.74	-26.26	74	53.35	39.62	16.57	61.8	100	0	P	V
		17385	52.38	-15.82	68.2	45.26	41.67	20.9	55.45	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 155 5775MHz		5649	64.96	-3.24	68.2	54.02	31.7	10.46	31.22	100	147	P	H
		5695	84.56	-16.95	101.51	73.34	31.97	10.5	31.25	100	147	P	H
		5720	87.85	-22.95	110.8	76.55	32.04	10.52	31.26	100	147	P	H
		5720.2	88.56	-22.7	111.26	77.26	32.04	10.52	31.26	100	147	P	H
	*	5775	116.2	-	-	104.77	32.15	10.56	31.28	100	147	P	H
	*	5775	105.58	-	-	94.15	32.15	10.56	31.28	100	147	A	H
		5851.4	88.5	-30.51	119.01	76.9	32.3	10.62	31.32	100	147	P	H
		5858.6	87.23	-22.56	109.79	75.62	32.32	10.62	31.33	100	147	P	H
		5877	81.94	-21.77	103.71	70.28	32.35	10.64	31.33	100	147	P	H
		5928	67.05	-1.15	68.2	55.21	32.51	10.68	31.35	100	147	P	H
													H
													H
		5631	62.15	-6.05	68.2	51.19	31.74	10.44	31.22	100	233	P	V
		5695	77.29	-24.22	101.51	66.07	31.97	10.5	31.25	100	233	P	V
		5720	80.59	-30.21	110.8	69.29	32.04	10.52	31.26	100	233	P	V
		5720.4	81.29	-30.42	111.71	69.99	32.04	10.52	31.26	100	233	P	V
	*	5775	107.68	-	-	96.25	32.15	10.56	31.28	100	233	P	V
	*	5775	97.5	-	-	86.07	32.15	10.56	31.28	100	233	A	V
		5851.4	80.48	-38.53	119.01	68.88	32.3	10.62	31.32	100	233	P	V
		5858.6	79.4	-30.39	109.79	67.79	32.32	10.62	31.33	100	233	P	V
		5876.8	73.65	-30.21	103.86	61.99	32.35	10.64	31.33	100	233	P	V
		5943	61.12	-7.08	68.2	49.23	32.57	10.69	31.37	100	233	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 155 5775MHz		11550	47.14	-26.86	74	52.61	39.7	16.54	61.71	100	0	P	H
		17325	47.98	-20.22	68.2	41.59	41.12	20.85	55.58	100	0	P	H
													H
													H
		11550	46.7	-27.3	74	52.17	39.7	16.54	61.71	100	0	P	V
		17325	47.62	-20.58	68.2	41.23	41.12	20.85	55.58	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

5GHz WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		178.41	37.47	-6.03	43.5	50.84	15.04	1.93	30.34	100	0	P	H
		190.05	37.26	-6.24	43.5	50.91	14.71	1.97	30.33			P	H
		229.82	31.5	-14.5	46	43.63	16.08	2.06	30.27			P	H
		845.77	32.82	-13.18	46	29.24	28.71	4.09	29.22			P	H
		892.33	34.26	-11.74	46	30.24	28.94	4.23	29.15			P	H
		954.41	36.51	-9.49	46	30.3	30.74	4.45	28.98			P	H
													H
													H
													H
													H
													H
													H
		62.98	30.68	-9.32	40	48.22	11.76	1.16	30.46	100	0	P	V
		186.17	33.51	-9.99	43.5	47.12	14.77	1.96	30.34			P	V
		194.9	34.27	-9.23	43.5	47.79	14.83	1.98	30.33			P	V
		771.08	32.54	-13.46	46	30.03	27.97	3.9	29.36			P	V
		891.36	33.62	-12.38	46	29.59	28.95	4.23	29.15			P	V
		957.32	36.49	-9.51	46	30.16	30.84	4.46	28.97			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 4 - 5725~5850MHz

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 149 5745MHz		5643.2	59.05	-9.15	68.2	48.11	31.71	10.45	31.22	262	140	P	H
		5697.2	67.54	-35.6	103.14	56.31	31.98	10.5	31.25	262	140	P	H
		5717.6	86.25	-23.88	110.13	74.96	32.04	10.51	31.26	262	140	P	H
		5724.6	94.31	-26.98	121.29	83	32.05	10.52	31.26	262	140	P	H
	*	5745	123.18	-	-	111.82	32.09	10.54	31.27	262	140	P	H
	*	5745	112.42	-	-	101.06	32.09	10.54	31.27	262	140	A	H
													H
													H
		5617.4	58.06	-10.14	68.2	47.07	31.77	10.43	31.21	100	130	P	V
		5699.2	59.55	-45.06	104.61	48.3	32	10.5	31.25	100	130	P	V
		5717.6	72.92	-37.21	110.13	61.63	32.04	10.51	31.26	100	130	P	V
		5724.8	82.73	-39.01	121.74	71.42	32.05	10.52	31.26	100	130	P	V
	*	5745	112.07	-	-	100.71	32.09	10.54	31.27	100	130	P	V
	*	5745	101.48	-	-	90.12	32.09	10.54	31.27	100	130	A	V
													V
													V



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 157 5785MHz		5601.4	59.03	-9.17	68.2	48.01	31.8	10.42	31.2	256	140	P	H
		5672.6	59.41	-25.55	84.96	48.32	31.84	10.48	31.23	256	140	P	H
		5718.8	63.67	-46.79	110.46	52.37	32.04	10.52	31.26	256	140	P	H
		5723	63.42	-54.22	117.64	52.11	32.05	10.52	31.26	256	140	P	H
	*	5785	123.34	-	-	111.89	32.17	10.57	31.29	256	140	P	H
	*	5785	112.4	-	-	100.95	32.17	10.57	31.29	256	140	A	H
		5853.4	66.04	-48.41	114.45	54.43	32.31	10.62	31.32	256	140	P	H
		5856.2	63.39	-47.07	110.46	51.78	32.31	10.62	31.32	256	140	P	H
		5879.8	62.53	-39.1	101.63	50.86	32.36	10.64	31.33	256	140	P	H
		5930.8	59.98	-8.22	68.2	48.13	32.52	10.68	31.35	256	140	P	H
													H
													H
		5602.8	58.71	-9.49	68.2	47.71	31.79	10.42	31.21	330	130	P	V
		5666	59.47	-20.61	80.08	48.43	31.8	10.47	31.23	330	130	P	V
		5705.8	58.94	-47.89	106.83	47.69	32.01	10.5	31.26	330	130	P	V
		5720.8	58.47	-54.15	112.62	47.17	32.04	10.52	31.26	330	130	P	V
	*	5785	112.39	-	-	100.94	32.17	10.57	31.29	330	130	P	V
	*	5785	101.87	-	-	90.42	32.17	10.57	31.29	330	130	A	V
		5851.6	59.3	-59.25	118.55	47.7	32.3	10.62	31.32	330	130	P	V
		5872	59.62	-46.42	106.04	47.98	32.34	10.63	31.33	330	130	P	V
		5922.4	59.79	-10.33	70.12	47.98	32.49	10.67	31.35	330	130	P	V
		5944.6	60.02	-8.18	68.2	48.12	32.58	10.69	31.37	330	130	P	V
													V
													V



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 165 5825MHz	*	5825	123.16	-	-	111.62	32.25	10.6	31.31	116	140	P	H
	*	5825	112.91	-	-	101.37	32.25	10.6	31.31	116	140	A	H
		5850.4	90.39	-30.9	121.29	78.79	32.3	10.62	31.32	116	140	P	H
		5857.6	88.55	-21.52	110.07	76.93	32.32	10.62	31.32	116	140	P	H
		5876.8	68.28	-35.58	103.86	56.62	32.35	10.64	31.33	116	140	P	H
		5925.2	58.06	-10.14	68.2	46.24	32.5	10.67	31.35	116	140	P	H
													H
													H
	*	5825	118.11	-	-	106.57	32.25	10.6	31.31	288	179	P	V
	*	5825	107.5	-	-	95.96	32.25	10.6	31.31	288	179	A	V
		5850.6	85.71	-35.12	120.83	74.11	32.3	10.62	31.32	288	179	P	V
		5855	80.68	-30.12	110.8	69.07	32.31	10.62	31.32	288	179	P	V
		5875	66.96	-38.24	105.2	55.3	32.35	10.64	31.33	288	179	P	V
		5938.8	55.04	-13.16	68.2	43.17	32.56	10.68	31.37	288	179	P	V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		11490	47.28	-26.72	74	52.61	39.78	16.49	61.6	100	0	P	H
		17235	64.74	-3.46	68.2	59.04	40.7	20.78	55.78	202	126	P	H
													H
													H
		11490	46.53	-27.47	74	51.86	39.78	16.49	61.6	100	0	P	V
		17235	56.14	-12.06	68.2	50.44	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	46.17	-27.83	74	51.71	39.66	16.55	61.75	100	0	P	H
		17355	64.52	-3.68	68.2	57.76	41.4	20.88	55.52	198	127	P	H
													H
													H
		11570	46.78	-27.22	74	52.32	39.66	16.55	61.75	100	0	P	V
		17355	52.68	-15.52	68.2	45.92	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	47.12	-26.88	74	53.08	39.35	16.62	61.93	100	0	P	H
		17475	65.05	-3.15	68.2	57.17	42.17	20.97	55.26	200	127	P	H
													H
													H
		11650	46.34	-27.66	74	52.3	39.35	16.62	61.93	100	0	P	V
		17475	56.12	-12.08	68.2	48.24	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		5648	59.22	-8.98	68.2	48.28	31.7	10.46	31.22	103	144	P	H
		5697.6	72.57	-30.86	103.43	61.33	31.99	10.5	31.25	103	144	P	H
		5720	89.41	-21.39	110.8	78.11	32.04	10.52	31.26	103	144	P	H
		5723.6	98.79	-20.22	119.01	87.48	32.05	10.52	31.26	103	144	P	H
	*	5745	122.65	-	-	111.29	32.09	10.54	31.27	103	144	P	H
	*	5745	112.21	-	-	100.85	32.09	10.54	31.27	103	144	A	H
													H
													H
		5601.4	58.4	-9.8	68.2	47.38	31.8	10.42	31.2	360	177	P	V
		5696.4	58.58	-43.97	102.55	47.35	31.98	10.5	31.25	360	177	P	V
		5720	70.08	-40.72	110.8	58.78	32.04	10.52	31.26	360	177	P	V
		5724.6	74.75	-46.54	121.29	63.44	32.05	10.52	31.26	360	177	P	V
	*	5745	111.72	-	-	100.36	32.09	10.54	31.27	360	177	P	V
	*	5745	101.44	-	-	90.08	32.09	10.54	31.27	360	177	A	V
													V
													V



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 157 5785MHz		5629.2	58.61	-9.59	68.2	47.65	31.74	10.44	31.22	117	138	P	H
		5698.6	61.1	-43.07	104.17	49.86	31.99	10.5	31.25	117	138	P	H
		5715.8	65.19	-44.44	109.63	53.91	32.03	10.51	31.26	117	138	P	H
		5721.4	65.23	-48.76	113.99	53.93	32.04	10.52	31.26	117	138	P	H
	*	5785	122.92	-	-	111.47	32.17	10.57	31.29	117	138	P	H
	*	5785	112.63	-	-	101.18	32.17	10.57	31.29	117	138	A	H
		5854.6	67.8	-43.91	111.71	56.19	32.31	10.62	31.32	117	138	P	H
		5856.2	67.52	-42.94	110.46	55.91	32.31	10.62	31.32	117	138	P	H
		5883.6	61.51	-37.3	98.81	49.84	32.37	10.64	31.34	117	138	P	H
		5938.2	60.51	-7.69	68.2	48.65	32.55	10.68	31.37	117	138	P	H
													H
													H
		5639	58.28	-9.92	68.2	47.33	31.72	10.45	31.22	364	127	P	V
		5680.6	59.46	-31.42	90.88	48.35	31.88	10.48	31.25	364	127	P	V
		5700.2	58.51	-46.75	105.26	47.26	32	10.5	31.25	364	127	P	V
		5722	58.88	-56.48	115.36	47.58	32.04	10.52	31.26	364	127	P	V
	*	5785	112.61	-	-	101.16	32.17	10.57	31.29	364	127	P	V
	*	5785	102.29	-	-	90.84	32.17	10.57	31.29	364	127	A	V
		5850.6	59.57	-61.26	120.83	47.97	32.3	10.62	31.32	364	127	P	V
		5859	59.69	-49.99	109.68	48.08	32.32	10.62	31.33	364	127	P	V
		5909.6	60.06	-19.5	79.56	48.31	32.44	10.66	31.35	364	127	P	V
		5928.6	59.61	-8.59	68.2	47.77	32.51	10.68	31.35	364	127	P	V
													V
													V



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 165 5825MHz	*	5825	123.36	-	-	111.82	32.25	10.6	31.31	119	139	P	H
	*	5825	112.95	-	-	101.41	32.25	10.6	31.31	119	139	A	H
		5850.2	92.37	-29.37	121.74	80.77	32.3	10.62	31.32	119	139	P	H
		5855.2	90.12	-20.62	110.74	78.51	32.31	10.62	31.32	119	139	P	H
		5883.6	74.08	-24.73	98.81	62.41	32.37	10.64	31.34	119	139	P	H
		5925	60.52	-7.68	68.2	48.7	32.5	10.67	31.35	119	139	P	H
													H
													H
	*	5825	114.42	-	-	102.88	32.25	10.6	31.31	304	181	P	V
	*	5825	103.91	-	-	92.37	32.25	10.6	31.31	304	181	A	V
		5850.2	83.17	-38.57	121.74	71.57	32.3	10.62	31.32	304	181	P	V
		5856.2	80.01	-30.45	110.46	68.4	32.31	10.62	31.32	304	181	P	V
		5876.2	65.1	-39.21	104.31	53.44	32.35	10.64	31.33	304	181	P	V
		5932	55.68	-12.52	68.2	43.82	32.53	10.68	31.35	304	181	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		11490	44.5	-29.5	74	49.83	39.78	16.49	61.6	100	0	P	H
		17235	64.89	-3.31	68.2	59.19	40.7	20.78	55.78	201	126	P	H
													H
													H
		11490	45.02	-28.98	74	50.35	39.78	16.49	61.6	100	0	P	V
		17235	53.22	-14.98	68.2	47.52	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	46.39	-27.61	74	51.93	39.66	16.55	61.75	100	0	P	H
		17355	65.05	-3.15	68.2	58.29	41.4	20.88	55.52	199	129	P	H
													H
													H
		11570	47.18	-26.82	74	52.72	39.66	16.55	61.75	100	0	P	V
		17355	53.39	-14.81	68.2	46.63	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	43.84	-30.16	74	49.8	39.35	16.62	61.93	100	0	P	H
		17475	64.88	-3.32	68.2	57	42.17	20.97	55.26	199	129	P	H
													H
													H
		11650	45.05	-28.95	74	51.01	39.35	16.62	61.93	100	0	P	V
		17475	53.54	-14.66	68.2	45.66	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 151 5755MHz		5650	65.86	-2.34	68.2	54.92	31.7	10.46	31.22	114	136	P	H
		5699.8	86.25	-18.8	105.05	75	32	10.5	31.25	114	136	P	H
		5719.2	96.1	-14.48	110.58	84.8	32.04	10.52	31.26	114	136	P	H
		5721.8	98.91	-15.99	114.9	87.61	32.04	10.52	31.26	114	136	P	H
	*	5755	121.47	-	-	110.09	32.11	10.54	31.27	114	136	P	H
	*	5755	112.67	-	-	101.29	32.11	10.54	31.27	114	136	A	H
		5853.2	75.25	-39.65	114.9	63.64	32.31	10.62	31.32	114	136	P	H
		5855.2	72.91	-37.83	110.74	61.3	32.31	10.62	31.32	114	136	P	H
		5882.2	68.7	-31.15	99.85	57.03	32.36	10.64	31.33	114	136	P	H
		5930	62.37	-5.83	68.2	50.52	32.52	10.68	31.35	114	136	P	H
													H
													H
		5645	54.54	-13.66	68.2	43.59	31.71	10.46	31.22	300	127	P	V
		5699.6	68.98	-35.93	104.91	57.73	32	10.5	31.25	300	127	P	V
		5717	82.11	-27.85	109.96	70.83	32.03	10.51	31.26	300	127	P	V
		5722	84.86	-30.5	115.36	73.56	32.04	10.52	31.26	300	127	P	V
	*	5755	110.91	-	-	99.53	32.11	10.54	31.27	300	127	P	V
	*	5755	102.33	-	-	90.95	32.11	10.54	31.27	300	127	A	V
		5850.2	61.29	-60.45	121.74	49.69	32.3	10.62	31.32	300	127	P	V
		5860.8	60.1	-49.07	109.17	48.48	32.32	10.63	31.33	300	127	P	V
		5875.2	57.54	-47.51	105.05	45.88	32.35	10.64	31.33	300	127	P	V
		5939	54.6	-13.6	68.2	42.73	32.56	10.68	31.37	300	127	P	V
													V
													V



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 159 5795MHz		5642.2	56.97	-11.23	68.2	46.02	31.72	10.45	31.22	100	141	P	H
		5699.6	67.62	-37.29	104.91	56.37	32	10.5	31.25	100	141	P	H
		5714.2	72.51	-36.67	109.18	61.23	32.03	10.51	31.26	100	141	P	H
		5723.8	74.15	-45.31	119.46	62.84	32.05	10.52	31.26	100	141	P	H
	*	5795	120.61	-	-	109.13	32.19	10.58	31.29	100	141	P	H
	*	5795	109.95	-	-	98.47	32.19	10.58	31.29	100	141	A	H
		5850.2	88.73	-33.01	121.74	77.13	32.3	10.62	31.32	100	141	P	H
		5855.4	85.6	-25.09	110.69	73.99	32.31	10.62	31.32	100	141	P	H
		5875.6	78.81	-25.94	104.75	67.15	32.35	10.64	31.33	100	141	P	H
		5927	67.15	-1.05	68.2	55.31	32.51	10.68	31.35	100	141	P	H
													H
													H
		5649.2	53.84	-14.36	68.2	42.9	31.7	10.46	31.22	289	177	P	V
		5697.6	57	-46.43	103.43	45.76	31.99	10.5	31.25	289	177	P	V
		5719.6	62.84	-47.85	110.69	51.54	32.04	10.52	31.26	289	177	P	V
		5724.2	68.09	-52.29	120.38	56.78	32.05	10.52	31.26	289	177	P	V
	*	5795	115.03	-	-	103.55	32.19	10.58	31.29	289	177	P	V
	*	5795	104.06	-	-	92.58	32.19	10.58	31.29	289	177	A	V
		5853	79.85	-35.51	115.36	68.24	32.31	10.62	31.32	289	177	P	V
		5855.6	78.58	-32.05	110.63	66.97	32.31	10.62	31.32	289	177	P	V
		5881.8	68.69	-31.46	100.15	57.02	32.36	10.64	31.33	289	177	P	V
		5925.4	59.07	-9.13	68.2	47.25	32.5	10.67	31.35	289	177	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
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 151 5755MHz		11510	48.12	-25.88	74	53.46	39.78	16.5	61.62	100	0	P	H
		17265	57.72	-10.48	68.2	51.83	40.8	20.81	55.72	100	0	P	H
													H
													H
		11510	46.4	-27.6	74	51.74	39.78	16.5	61.62	100	0	P	V
		17265	52.9	-15.3	68.2	47.01	40.8	20.81	55.72	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	47.89	-26.11	74	53.5	39.62	16.57	61.8	100	0	P	H
		17385	58.36	-9.84	68.2	51.24	41.67	20.9	55.45	100	0	P	H
													H
													H
		11590	47.37	-26.63	74	52.98	39.62	16.57	61.8	100	0	P	V
		17385	52.28	-15.92	68.2	45.16	41.67	20.9	55.45	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 155 5775MHz		5646.6	61.53	-6.67	68.2	50.58	31.71	10.46	31.22	120	145	P	H
		5698.2	77.22	-26.65	103.87	65.98	31.99	10.5	31.25	120	145	P	H
		5707.8	80.36	-27.03	107.39	69.09	32.02	10.51	31.26	120	145	P	H
		5721	82.05	-31.03	113.08	70.75	32.04	10.52	31.26	120	145	P	H
	*	5775	113.94	-	-	102.51	32.15	10.56	31.28	120	145	P	H
	*	5775	103.37	-	-	91.94	32.15	10.56	31.28	120	145	A	H
		5851	84.23	-35.69	119.92	72.63	32.3	10.62	31.32	120	145	P	H
		5869.2	84.42	-22.4	106.82	72.78	32.34	10.63	31.33	120	145	P	H
		5876.4	78.82	-25.34	104.16	67.16	32.35	10.64	31.33	120	145	P	H
		5927	66.44	-1.76	68.2	54.6	32.51	10.68	31.35	120	145	P	H
													H
													H
		5609	53.38	-14.82	68.2	42.38	31.78	10.43	31.21	335	177	P	V
		5697.6	60.04	-43.39	103.43	48.8	31.99	10.5	31.25	335	177	P	V
		5712.2	63.43	-45.19	108.62	52.16	32.02	10.51	31.26	335	177	P	V
		5720.6	64.55	-47.62	112.17	53.25	32.04	10.52	31.26	335	177	P	V
	*	5775	104.04	-	-	92.61	32.15	10.56	31.28	335	177	P	V
	*	5775	93.85	-	-	82.42	32.15	10.56	31.28	335	177	A	V
		5853.8	72.35	-41.19	113.54	60.74	32.31	10.62	31.32	335	177	P	V
		5869.4	72.25	-34.52	106.77	60.61	32.34	10.63	31.33	335	177	P	V
		5876.2	64.48	-39.83	104.31	52.82	32.35	10.64	31.33	335	177	P	V
		5932.6	55.29	-12.91	68.2	43.43	32.53	10.68	31.35	335	177	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 155 5775MHz		11550	47.04	-26.96	74	52.51	39.7	16.54	61.71	100	0	P	H
		17325	49.66	-18.54	68.2	43.27	41.12	20.85	55.58	100	0	P	H
													H
													H
		11550	47.17	-26.83	74	52.64	39.7	16.54	61.71	100	0	P	V
		17325	50.09	-18.11	68.2	43.7	41.12	20.85	55.58	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

5GHz WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
5GHz 802.11ac VHT80 LF		117.3	25.21	-18.29	43.5	37	17.15	1.47	30.41			P	H	
		169.68	27.29	-16.21	43.5	40.28	15.48	1.88	30.35			P	H	
		244.37	31.04	-14.96	46	41.44	17.74	2.1	30.24			P	H	
		559.62	29.68	-16.32	46	30.06	25.95	3.36	29.69			P	H	
		744.89	31.84	-14.16	46	29.57	27.86	3.83	29.42			P	H	
		894.27	39.81	-6.19	46	35.79	28.93	4.24	29.15	100	0	P	H	
													H	
													H	
													H	
													H	
													H	
													H	
													V	
		59.1	30.32	-9.68	40	47.79	11.86	1.13	30.46				P	V
		229.82	29.43	-16.57	46	41.56	16.08	2.06	30.27				P	V
		279.29	25.2	-20.8	46	34.3	18.83	2.25	30.18				P	V
		418.97	26.21	-19.79	46	30.78	22.57	2.8	29.94				P	V
		742.95	33.08	-12.92	46	30.83	27.85	3.82	29.42				P	V
		947.62	36.35	-9.65	46	30.44	30.48	4.43	29	100	0	P	V	
														V
													V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



<For Antenna 2>

<Chain 1>

Band 4 - 5725~5850MHz

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 149 5745MHz		5640	54.32	-13.88	68.2	45.6	31.72	10.45	33.45	195	317	P	H
		5689.6	54.59	-42.94	97.53	45.62	31.94	10.49	33.46	195	317	P	H
		5719.6	54.42	-56.27	110.69	45.32	32.04	10.52	33.46	195	317	P	H
		5724.6	62.94	-58.35	121.29	53.83	32.05	10.52	33.46	195	317	P	H
	*	5745	101.57	-	-	92.4	32.09	10.54	33.46	195	317	P	H
	*	5745	91.42	-	-	82.25	32.09	10.54	33.46	195	317	A	H
													H
													H
		5610.8	53.93	-14.27	68.2	45.17	31.78	10.43	33.45	296	296	P	V
		5700	60.53	-44.67	105.2	51.49	32	10.5	33.46	296	296	P	V
		5719.2	64.33	-46.25	110.58	55.23	32.04	10.52	33.46	296	296	P	V
		5723	76.58	-41.06	117.64	67.47	32.05	10.52	33.46	296	296	P	V
	*	5745	112.4	-	-	103.23	32.09	10.54	33.46	296	296	P	V
	*	5745	101.95	-	-	92.78	32.09	10.54	33.46	296	296	A	V
													V
													V



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 157 5785MHz		5603.4	54.42	-13.78	68.2	45.65	31.79	10.42	33.44	200	310	P	H
		5668.6	54.01	-27.99	82	45.18	31.81	10.47	33.45	200	310	P	H
		5704.4	54.04	-52.39	106.43	44.99	32.01	10.5	33.46	200	310	P	H
		5724	54.46	-65.46	119.92	45.35	32.05	10.52	33.46	200	310	P	H
	*	5785	105.63	-	-	96.36	32.17	10.57	33.47	200	310	P	H
	*	5785	95.29	-	-	86.02	32.17	10.57	33.47	200	310	A	H
		5854.8	54.61	-56.65	111.26	45.16	32.31	10.62	33.48	200	310	P	H
		5872.4	55.35	-50.58	105.93	45.86	32.34	10.63	33.48	200	310	P	H
		5910.8	55.45	-23.23	78.68	45.84	32.44	10.66	33.49	200	310	P	H
		5925.6	55.37	-12.83	68.2	45.69	32.5	10.67	33.49	200	310	P	H
													H
													H
		5609.4	54.28	-13.92	68.2	45.52	31.78	10.43	33.45	305	0	P	V
		5694	54.56	-46.22	100.78	45.56	31.96	10.5	33.46	305	0	P	V
		5718	56.3	-53.94	110.24	47.21	32.04	10.51	33.46	305	0	P	V
		5723.4	55.92	-62.63	118.55	46.81	32.05	10.52	33.46	305	0	P	V
	*	5785	115.2	-	-	105.93	32.17	10.57	33.47	305	0	P	V
	*	5785	104.82	-	-	95.55	32.17	10.57	33.47	305	0	A	V
		5850.4	59.84	-61.45	121.29	50.4	32.3	10.62	33.48	305	0	P	V
		5864.8	60.51	-47.54	108.05	51.03	32.33	10.63	33.48	305	0	P	V
		5875.6	57.12	-47.63	104.75	47.61	32.35	10.64	33.48	305	0	P	V
		5946.4	57.23	-10.97	68.2	47.44	32.59	10.69	33.49	305	0	P	V
													V
													V



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 165 5825MHz	*	5825	106.28	-	-	96.91	32.25	10.6	33.48	298	298	P	H
	*	5825	95.61	-	-	86.24	32.25	10.6	33.48	298	298	A	H
		5850	73.75	-48.45	122.2	64.31	32.3	10.62	33.48	298	298	P	H
		5855.8	68.81	-41.77	110.58	59.36	32.31	10.62	33.48	298	298	P	H
		5880.4	55.77	-45.42	101.19	46.25	32.36	10.64	33.48	298	298	P	H
		5926.2	54.99	-13.21	68.2	45.31	32.5	10.67	33.49	298	298	P	H
													H
													H
	*	5825	114.82	-	-	105.45	32.25	10.6	33.48	300	0	P	V
	*	5825	104.18	-	-	94.81	32.25	10.6	33.48	300	0	A	V
		5850.4	86.2	-35.09	121.29	76.76	32.3	10.62	33.48	300	0	P	V
		5856	81.36	-29.16	110.52	71.91	32.31	10.62	33.48	300	0	P	V
		5875	63.22	-41.98	105.2	53.71	32.35	10.64	33.48	300	0	P	V
		5927.8	56.55	-11.65	68.2	46.85	32.51	10.68	33.49	300	0	P	V
													V
													V
													V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													



Band 4 5725~5850MHz

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 149 5745MHz		11490	47.09	-26.91	74	52.42	39.78	16.49	61.6	100	0	P	H
		17230	53.31	-14.89	68.2	47.64	40.69	20.77	55.79	100	0	P	H
													H
													H
		11490	46.59	-27.41	74	51.92	39.78	16.49	61.6	100	0	P	V
		17230	53.56	-14.64	68.2	47.89	40.69	20.77	55.79	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	48.16	-25.84	74	53.7	39.66	16.55	61.75	100	0	P	H
		17355	60.34	-7.86	68.2	53.58	41.4	20.88	55.52	100	0	P	H
													H
													H
		11570	46.5	-27.5	74	52.04	39.66	16.55	61.75	100	0	P	V
		17355	57.89	-10.31	68.2	51.13	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	44.97	-29.03	74	50.93	39.35	16.62	61.93	100	0	P	H
		17475	56.62	-11.58	68.2	48.74	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	45.65	-28.35	74	51.61	39.35	16.62	61.93	100	0	P	V
		17475	58.11	-10.09	68.2	50.23	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		5614.4	53.47	-14.73	68.2	44.72	31.77	10.43	33.45	103	314	P	H
		5661.8	54.37	-22.59	76.96	45.58	31.77	10.47	33.45	103	314	P	H
		5720	55.86	-54.94	110.8	46.76	32.04	10.52	33.46	103	314	P	H
		5724.8	64.28	-57.46	121.74	55.17	32.05	10.52	33.46	103	314	P	H
	*	5745	102.51	-	-	93.34	32.09	10.54	33.46	103	314	P	H
	*	5745	91.98	-	-	82.81	32.09	10.54	33.46	103	314	A	H
													H
													H
		5618	54.69	-13.51	68.2	45.95	31.76	10.43	33.45	295	295	P	V
		5698.6	63.08	-41.09	104.17	54.05	31.99	10.5	33.46	295	295	P	V
		5720	65.15	-45.65	110.8	56.05	32.04	10.52	33.46	295	295	P	V
		5725	74.32	-47.88	122.2	65.21	32.05	10.52	33.46	295	295	P	V
	*	5745	111.95	-	-	102.78	32.09	10.54	33.46	295	295	P	V
	*	5745	101.15	-	-	91.98	32.09	10.54	33.46	295	295	A	V
													V
													V



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 157 5785MHz		5632.2	54.77	-13.43	68.2	46.03	31.74	10.45	33.45	199	311	P	H
		5684.8	55.67	-38.32	93.99	46.73	31.91	10.49	33.46	199	311	P	H
		5712.8	54.53	-54.26	108.79	45.45	32.03	10.51	33.46	199	311	P	H
		5722.6	54.38	-62.35	116.73	45.27	32.05	10.52	33.46	199	311	P	H
	*	5785	102.52	-	-	93.25	32.17	10.57	33.47	199	311	P	H
	*	5785	91.55	-	-	82.28	32.17	10.57	33.47	199	311	A	H
		5852	55.41	-62.23	117.64	45.97	32.3	10.62	33.48	199	311	P	H
		5874.6	55.4	-49.91	105.31	45.89	32.35	10.64	33.48	199	311	P	H
		5921.4	56.28	-14.57	70.85	46.61	32.49	10.67	33.49	199	311	P	H
		5931.8	55.07	-13.13	68.2	45.35	32.53	10.68	33.49	199	311	P	H
													H
													H
		5612.8	54.67	-13.53	68.2	45.92	31.77	10.43	33.45	306	0	P	V
		5677.4	54.78	-33.74	88.52	45.89	31.86	10.48	33.45	306	0	P	V
		5719.2	56.52	-54.06	110.58	47.42	32.04	10.52	33.46	306	0	P	V
		5721.2	59.08	-54.46	113.54	49.98	32.04	10.52	33.46	306	0	P	V
	*	5785	112.11	-	-	102.84	32.17	10.57	33.47	306	0	P	V
	*	5785	101.37	-	-	92.1	32.17	10.57	33.47	306	0	A	V
		5851.2	61.87	-57.59	119.46	52.43	32.3	10.62	33.48	306	0	P	V
		5855.6	60.57	-50.06	110.63	51.12	32.31	10.62	33.48	306	0	P	V
		5879.6	57.63	-44.15	101.78	48.11	32.36	10.64	33.48	306	0	P	V
		5938.6	57.53	-10.67	68.2	47.79	32.55	10.68	33.49	306	0	P	V
													V
													V



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 165 5825MHz	*	5825	105.75	-	-	96.38	32.25	10.6	33.48	298	298	P	H
	*	5825	94.55	-	-	85.18	32.25	10.6	33.48	298	298	A	H
		5850	73.65	-48.55	122.2	64.21	32.3	10.62	33.48	298	298	P	H
		5855.4	68.07	-42.62	110.69	58.62	32.31	10.62	33.48	298	298	P	H
		5878.4	57.36	-45.31	102.67	47.84	32.36	10.64	33.48	298	298	P	H
		5925	56.92	-11.28	68.2	47.24	32.5	10.67	33.49	298	298	P	H
													H
													H
	*	5825	115.4	-	-	106.03	32.25	10.6	33.48	273	2	P	V
	*	5825	104.19	-	-	94.82	32.25	10.6	33.48	273	2	A	V
		5850	89.65	-32.55	122.2	80.21	32.3	10.62	33.48	273	2	P	V
		5855.2	82.73	-28.01	110.74	73.28	32.31	10.62	33.48	273	2	P	V
		5875.6	65.88	-38.87	104.75	56.37	32.35	10.64	33.48	273	2	P	V
		5925.2	56.2	-12	68.2	46.52	32.5	10.67	33.49	273	2	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
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 149 5745MHz		11490	46.07	-27.93	74	51.4	39.78	16.49	61.6	100	0	P	H
		17235	54.06	-14.14	68.2	48.36	40.7	20.78	55.78	100	0	P	H
													H
													H
		11490	46.2	-27.8	74	51.53	39.78	16.49	61.6	100	0	P	V
		17235	53.23	-14.97	68.2	47.53	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	46.32	-27.68	74	51.86	39.66	16.55	61.75	100	0	P	H
		17355	53.22	-14.98	68.2	46.46	41.4	20.88	55.52	100	0	P	H
													H
													H
		11570	46.69	-27.31	74	52.23	39.66	16.55	61.75	100	0	P	V
		17355	51.66	-16.54	68.2	44.9	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	45.35	-28.65	74	51.31	39.35	16.62	61.93	100	0	P	H
		17475	58.09	-10.11	68.2	50.21	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	44.9	-29.1	74	50.86	39.35	16.62	61.93	100	0	P	V
		17475	56.98	-11.22	68.2	49.1	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		5633.6	55.34	-12.86	68.2	46.61	31.73	10.45	33.45	298	331	P	H
		5697.8	68.56	-35.02	103.58	59.53	31.99	10.5	33.46	298	331	P	H
		5712.2	72.66	-35.96	108.62	63.59	32.02	10.51	33.46	298	331	P	H
		5725	68.96	-53.24	122.2	59.85	32.05	10.52	33.46	298	331	P	H
	*	5755	102.49	-	-	93.31	32.11	10.54	33.47	298	331	P	H
	*	5755	92.4	-	-	83.22	32.11	10.54	33.47	298	331	A	H
		5851.6	56.19	-62.36	118.55	46.75	32.3	10.62	33.48	298	331	P	H
		5873.4	56.59	-49.06	105.65	47.08	32.35	10.64	33.48	298	331	P	H
		5914.4	57.47	-18.55	76.02	47.83	32.46	10.67	33.49	298	331	P	H
		5947	56.59	-11.61	68.2	46.8	32.59	10.69	33.49	298	331	P	H
													H
													H
		5649.6	60.38	-7.82	68.2	51.67	31.7	10.46	33.45	292	295	P	V
		5700	80.32	-24.88	105.2	71.28	32	10.5	33.46	292	295	P	V
		5719.6	91.29	-19.4	110.69	82.19	32.04	10.52	33.46	292	295	P	V
		5724.4	91.62	-29.21	120.83	82.51	32.05	10.52	33.46	292	295	P	V
	*	5755	112.45	-	-	103.27	32.11	10.54	33.47	292	295	P	V
	*	5755	101.83	-	-	92.65	32.11	10.54	33.47	292	295	A	V
		5852	68.66	-48.98	117.64	59.22	32.3	10.62	33.48	292	295	P	V
		5858.4	67.29	-42.56	109.85	57.83	32.32	10.62	33.48	292	295	P	V
		5875.8	64.09	-40.52	104.61	54.58	32.35	10.64	33.48	292	295	P	V
		5930	57.29	-10.91	68.2	47.58	32.52	10.68	33.49	292	295	P	V
													V
													V



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 159 5795MHz		5645.8	54.83	-13.37	68.2	46.11	31.71	10.46	33.45	306	335	P	H
		5688.4	54.44	-42.2	96.64	45.48	31.93	10.49	33.46	306	335	P	H
		5720	58.91	-51.89	110.8	49.81	32.04	10.52	33.46	306	335	P	H
		5724.6	61.46	-59.83	121.29	52.35	32.05	10.52	33.46	306	335	P	H
	*	5795	102.38	-	-	93.08	32.19	10.58	33.47	306	335	P	H
	*	5795	92.26	-	-	82.96	32.19	10.58	33.47	306	335	A	H
		5852.6	69.82	-46.45	116.27	60.37	32.31	10.62	33.48	306	335	P	H
		5858	70.75	-39.21	109.96	61.29	32.32	10.62	33.48	306	335	P	H
		5875.2	63.55	-41.5	105.05	54.04	32.35	10.64	33.48	306	335	P	H
		5928.6	56.05	-12.15	68.2	46.35	32.51	10.68	33.49	306	335	P	H
													H
													H
		5649.2	55.25	-12.95	68.2	46.54	31.7	10.46	33.45	272	212	P	V
		5696.4	60.61	-41.94	102.55	51.59	31.98	10.5	33.46	272	212	P	V
		5716.6	67.51	-42.34	109.85	58.43	32.03	10.51	33.46	272	212	P	V
		5725	70.37	-51.83	122.2	61.26	32.05	10.52	33.46	272	212	P	V
	*	5795	111.35	-	-	102.05	32.19	10.58	33.47	272	212	P	V
	*	5795	101.43	-	-	92.13	32.19	10.58	33.47	272	212	A	V
		5852.4	80.75	-35.98	116.73	71.31	32.3	10.62	33.48	272	212	P	V
		5858	81.46	-28.5	109.96	72	32.32	10.62	33.48	272	212	P	V
		5875.2	73.3	-31.75	105.05	63.79	32.35	10.64	33.48	272	212	P	V
		5928	58.75	-9.45	68.2	49.05	32.51	10.68	33.49	272	212	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		11510	47.13	-26.87	74	52.47	39.78	16.5	61.62	100	0	P	H
		17265	54.9	-13.3	68.2	49.01	40.8	20.81	55.72	100	0	P	H
													H
													H
		11510	46.82	-27.18	74	52.16	39.78	16.5	61.62	100	0	P	V
		17265	51.47	-16.73	68.2	45.58	40.8	20.81	55.72	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	46.49	-27.51	74	52.1	39.62	16.57	61.8	100	0	P	H
		17385	54.34	-13.86	68.2	47.22	41.67	20.9	55.45	100	0	P	H
													H
													H
		11590	46.49	-27.51	74	52.1	39.62	16.57	61.8	100	0	P	V
		17385	52.6	-15.6	68.2	45.48	41.67	20.9	55.45	100	0	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 155 5775MHz		5646.2	54.94	-13.26	68.2	46.22	31.71	10.46	33.45	310	333	P	H
		5699.2	64.9	-39.71	104.61	55.86	32	10.5	33.46	310	333	P	H
		5720	71.22	-39.58	110.8	62.12	32.04	10.52	33.46	310	333	P	H
		5720.4	72.31	-39.4	111.71	63.21	32.04	10.52	33.46	310	333	P	H
	*	5775	97.43	-	-	88.19	32.15	10.56	33.47	310	333	P	H
	*	5775	87.33	-	-	78.09	32.15	10.56	33.47	310	333	A	H
		5851.6	75.57	-42.98	118.55	66.13	32.3	10.62	33.48	310	333	P	H
		5858.8	74.9	-34.83	109.73	65.44	32.32	10.62	33.48	310	333	P	H
		5877	66.01	-37.7	103.71	56.5	32.35	10.64	33.48	310	333	P	H
		5926.2	57.44	-10.76	68.2	47.76	32.5	10.67	33.49	310	333	P	H
													H
													H
		5631.2	60.29	-7.91	68.2	51.56	31.74	10.44	33.45	292	360	P	V
		5695.4	79.59	-22.22	101.81	70.58	31.97	10.5	33.46	292	360	P	V
		5719.2	82.89	-27.69	110.58	73.79	32.04	10.52	33.46	292	360	P	V
		5720.4	83.07	-28.64	111.71	73.97	32.04	10.52	33.46	292	360	P	V
	*	5775	108.12	-	-	98.88	32.15	10.56	33.47	292	360	P	V
	*	5775	98.11	-	-	88.87	32.15	10.56	33.47	292	360	A	V
		5851.4	85.11	-33.9	119.01	75.67	32.3	10.62	33.48	292	360	P	V
		5858.8	84.68	-25.05	109.73	75.22	32.32	10.62	33.48	292	360	P	V
		5877.2	79.67	-23.9	103.57	70.16	32.35	10.64	33.48	292	360	P	V
		5928.2	66.57	-1.63	68.2	56.87	32.51	10.68	33.49	292	360	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 155 5775MHz		11550	46.71	-27.29	74	52.18	39.7	16.54	61.71	100	0	P	H
		17325	51.64	-16.56	68.2	45.25	41.12	20.85	55.58	100	0	P	H
													H
													H
		11550	46.22	-27.78	74	51.69	39.7	16.54	61.71	100	0	P	V
		17325	49.11	-19.09	68.2	42.72	41.12	20.85	55.58	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

5GHz WIFI 802.11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11a LF		61.04	31.28	-8.72	40	48.82	11.77	1.15	30.46	100	0	P	H
		101.78	31.14	-12.36	43.5	44.1	16.01	1.46	30.43			P	H
		194.9	31.24	-12.26	43.5	44.76	14.83	1.98	30.33			P	H
		738.1	31.79	-14.21	46	29.66	27.75	3.81	29.43			P	H
		894.27	34.28	-11.72	46	30.26	28.93	4.24	29.15			P	H
		956.35	35.63	-10.37	46	29.34	30.81	4.46	28.98			P	H
													H
													H
													H
													H
													H
													H
		53.28	33.12	-6.88	40	49.56	12.97	1.06	30.47			P	V
		118.27	35.85	-7.65	43.5	47.62	17.17	1.47	30.41			P	V
		169.68	32.39	-11.11	43.5	45.38	15.48	1.88	30.35			P	V
		792.42	32.93	-13.07	46	30.32	27.96	3.96	29.31			P	V
		894.27	38.85	-7.15	46	34.83	28.93	4.24	29.15			P	V
		914.64	39.8	-6.2	46	35.31	29.28	4.31	29.1	100	0	P	V
													V
													V
												V	
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<Chain 2>

Band 4 - 5725~5850MHz

WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 155 5775MHz		5633	54.52	-13.68	68.2	45.79	31.73	10.45	33.45	173	319	P	H
		5698.6	61.12	-43.05	104.17	52.09	31.99	10.5	33.46	173	319	P	H
		5719	68.03	-42.49	110.52	58.93	32.04	10.52	33.46	173	319	P	H
		5720.4	69	-42.71	111.71	59.9	32.04	10.52	33.46	173	319	P	H
	*	5775	96.71	-	-	87.47	32.15	10.56	33.47	173	319	P	H
	*	5775	86.68	-	-	77.44	32.15	10.56	33.47	173	319	A	H
		5851.6	69.04	-49.51	118.55	59.6	32.3	10.62	33.48	173	319	P	H
		5858.8	68.41	-41.32	109.73	58.95	32.32	10.62	33.48	173	319	P	H
		5875	59.06	-46.14	105.2	49.55	32.35	10.64	33.48	173	319	P	H
		5940.2	55.72	-12.48	68.2	45.96	32.56	10.69	33.49	173	319	P	H
													H
													H
		5633.2	58.51	-9.69	68.2	49.78	31.73	10.45	33.45	301	292	P	V
		5695.2	76.06	-25.6	101.66	67.05	31.97	10.5	33.46	301	292	P	V
		5719	78.92	-31.6	110.52	69.82	32.04	10.52	33.46	301	292	P	V
		5720.4	79.64	-32.07	111.71	70.54	32.04	10.52	33.46	301	292	P	V
	*	5775	107.82	-	-	98.58	32.15	10.56	33.47	301	292	P	V
	*	5775	97.12	-	-	87.88	32.15	10.56	33.47	301	292	A	V
		5851.4	79.84	-39.17	119.01	70.4	32.3	10.62	33.48	301	292	P	V
		5858.6	78.58	-31.21	109.79	69.12	32.32	10.62	33.48	301	292	P	V
		5875.6	73.34	-31.41	104.75	63.83	32.35	10.64	33.48	301	292	P	V
		5926.8	59.91	-8.29	68.2	50.21	32.51	10.68	33.49	301	292	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 155 5775MHz		11550	47.05	-26.95	74	52.52	39.7	16.54	61.71	100	0	P	H
		17325	49.46	-18.74	68.2	43.07	41.12	20.85	55.58	100	0	P	H
													H
													H
		11550	47.39	-26.61	74	52.86	39.7	16.54	61.71	100	0	P	V
		17325	49.18	-19.02	68.2	42.79	41.12	20.85	55.58	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

5GHz WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		61.04	31.17	-8.83	40	48.71	11.77	1.15	30.46			P	H
		101.78	33.84	-9.66	43.5	46.8	16.01	1.46	30.43			P	H
		194.9	32.42	-11.08	43.5	45.94	14.83	1.98	30.33			P	H
		715.79	34.49	-11.51	46	33.47	26.76	3.74	29.48			P	H
		894.27	38.91	-7.09	46	34.89	28.93	4.24	29.15	100	0	P	H
		903.97	38.77	-7.23	46	34.62	29	4.28	29.13			P	H
													H
													H
													H
													H
													H
													H
		52.31	33.59	-6.41	40	49.65	13.37	1.04	30.47			P	V
		119.24	36.33	-7.17	43.5	48.07	17.2	1.47	30.41			P	V
		194.9	31.56	-11.94	43.5	45.08	14.83	1.98	30.33			P	V
		729.37	38.68	-7.32	46	36.99	27.36	3.78	29.45			P	V
		745.86	35.37	-10.63	46	33.1	27.86	3.83	29.42			P	V
		890.39	39.83	-6.17	46	35.79	28.96	4.23	29.15	100	0	P	V
													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 4 - 5725~5850MHz

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 149 5745MHz		5629.8	55.23	-12.97	68.2	46.5	31.74	10.44	33.45	290	302	P	H
		5685.6	56.8	-37.78	94.58	47.86	31.91	10.49	33.46	290	302	P	H
		5719	57.92	-52.6	110.52	48.82	32.04	10.52	33.46	290	302	P	H
		5724.6	68.86	-52.43	121.29	59.75	32.05	10.52	33.46	290	302	P	H
	*	5745	106.74	-	-	97.57	32.09	10.54	33.46	290	302	P	H
	*	5745	96.86	-	-	87.69	32.09	10.54	33.46	290	302	A	H
													H
													H
		5609.4	55.15	-13.05	68.2	46.39	31.78	10.43	33.45	299	318	P	V
		5698.4	63.04	-40.98	104.02	54.01	31.99	10.5	33.46	299	318	P	V
		5715.8	66.8	-42.83	109.63	57.72	32.03	10.51	33.46	299	318	P	V
		5725	78.39	-43.81	122.2	69.28	32.05	10.52	33.46	299	318	P	V
	*	5745	118.48	-	-	109.31	32.09	10.54	33.46	299	318	P	V
	*	5745	108.91	-	-	99.74	32.09	10.54	33.46	299	318	A	V
													V
													V



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 157 5785MHz		5601.6	55.62	-12.58	68.2	46.84	31.8	10.42	33.44	311	317	P	H
		5681.8	55.08	-36.69	91.77	46.16	31.89	10.49	33.46	311	317	P	H
		5717.8	54.44	-55.74	110.18	45.35	32.04	10.51	33.46	311	317	P	H
		5720.8	54.52	-58.1	112.62	45.42	32.04	10.52	33.46	311	317	P	H
	*	5785	107.57	-	-	98.3	32.17	10.57	33.47	311	317	P	H
	*	5785	97.04	-	-	87.77	32.17	10.57	33.47	311	317	A	H
		5850.6	55.28	-65.55	120.83	45.84	32.3	10.62	33.48	311	317	P	H
		5871.6	55.79	-50.36	106.15	46.3	32.34	10.63	33.48	311	317	P	H
		5919.4	55.98	-16.35	72.33	46.32	32.48	10.67	33.49	311	317	P	H
		5932.4	56.02	-12.18	68.2	46.3	32.53	10.68	33.49	311	317	P	H
													H
													H
		5635.4	55.3	-12.9	68.2	46.57	31.73	10.45	33.45	301	322	P	V
		5698	58.4	-45.33	103.73	49.37	31.99	10.5	33.46	301	322	P	V
		5719	60.32	-50.2	110.52	51.22	32.04	10.52	33.46	301	322	P	V
		5724.6	60.62	-60.67	121.29	51.51	32.05	10.52	33.46	301	322	P	V
	*	5785	119.31	-	-	110.04	32.17	10.57	33.47	301	322	P	V
	*	5785	109.22	-	-	99.95	32.17	10.57	33.47	301	322	A	V
		5852	63.07	-54.57	117.64	53.63	32.3	10.62	33.48	301	322	P	V
		5855.2	62.18	-48.56	110.74	52.73	32.31	10.62	33.48	301	322	P	V
		5875.4	58.4	-46.5	104.9	48.89	32.35	10.64	33.48	301	322	P	V
		5933.2	58.63	-9.57	68.2	48.91	32.53	10.68	33.49	301	322	P	V
													V
													V



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 165 5825MHz	*	5825	108.2	-	-	98.83	32.25	10.6	33.48	301	316	P	H
	*	5825	97.89	-	-	88.52	32.25	10.6	33.48	301	316	A	H
		5850.4	77.08	-44.21	121.29	67.64	32.3	10.62	33.48	301	316	P	H
		5855.8	71.12	-39.46	110.58	61.67	32.31	10.62	33.48	301	316	P	H
		5894.2	56.63	-34.32	90.95	47.08	32.39	10.65	33.49	301	316	P	H
		5929.6	55.96	-12.24	68.2	46.25	32.52	10.68	33.49	301	316	P	H
													H
													H
	*	5825	120.94	-	-	111.57	32.25	10.6	33.48	306	317	P	V
	*	5825	110.34	-	-	100.97	32.25	10.6	33.48	306	317	A	V
		5850.6	88.09	-32.74	120.83	78.65	32.3	10.62	33.48	306	317	P	V
		5855.8	83.95	-26.63	110.58	74.5	32.31	10.62	33.48	306	317	P	V
		5875.4	63.54	-41.36	104.9	54.03	32.35	10.64	33.48	306	317	P	V
		5948.2	56.05	-12.15	68.2	46.26	32.59	10.69	33.49	306	317	P	V
													V
													V
													V
Remark 1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 4 5725~5850MHz

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 149 5745MHz		11490	45.8	-28.2	74	51.13	39.78	16.49	61.6	100	0	P	H
		17235	54.85	-13.35	68.2	49.15	40.7	20.78	55.78	100	0	P	H
													H
													H
		11490	46.18	-27.82	74	51.51	39.78	16.49	61.6	100	0	P	V
		17235	55.15	-13.05	68.2	49.45	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	45.75	-28.25	74	51.29	39.66	16.55	61.75	100	0	P	H
		17355	54.49	-13.71	68.2	47.73	41.4	20.88	55.52	100	0	P	H
													H
													H
		11570	45.76	-28.24	74	51.3	39.66	16.55	61.75	100	0	P	V
		17355	53.63	-14.57	68.2	46.87	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	47.07	-26.93	74	53.03	39.35	16.62	61.93	100	0	P	H
		17475	56.17	-12.03	68.2	48.29	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	45.08	-28.92	74	51.04	39.35	16.62	61.93	100	0	P	V
		17475	55.16	-13.04	68.2	47.28	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		5601.4	54.77	-13.43	68.2	45.99	31.8	10.42	33.44	293	314	P	H
		5652.8	54.84	-15.44	70.28	46.11	31.72	10.46	33.45	293	314	P	H
		5720	63.72	-47.08	110.8	54.62	32.04	10.52	33.46	293	314	P	H
		5725	69.58	-52.62	122.2	60.47	32.05	10.52	33.46	293	314	P	H
	*	5745	105.29	-	-	96.12	32.09	10.54	33.46	293	314	P	H
	*	5745	94.89	-	-	85.72	32.09	10.54	33.46	293	314	A	H
													H
													H
		5645.8	55.3	-12.9	68.2	46.58	31.71	10.46	33.45	300	311	P	V
		5697.4	64.79	-38.49	103.28	55.77	31.98	10.5	33.46	300	311	P	V
		5720	76.02	-34.78	110.8	66.92	32.04	10.52	33.46	300	311	P	V
		5725	85.11	-37.09	122.2	76	32.05	10.52	33.46	300	311	P	V
	*	5745	118.92	-	-	109.75	32.09	10.54	33.46	300	311	P	V
	*	5745	108.26	-	-	99.09	32.09	10.54	33.46	300	311	A	V
													V
													V



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 157 5785MHz		5633.4	55.44	-12.76	68.2	46.71	31.73	10.45	33.45	296	319	P	H
		5695.2	54.58	-47.08	101.66	45.57	31.97	10.5	33.46	296	319	P	H
		5712.6	54.61	-54.12	108.73	45.53	32.03	10.51	33.46	296	319	P	H
		5720.8	55.06	-57.56	112.62	45.96	32.04	10.52	33.46	296	319	P	H
	*	5785	105.79	-	-	96.52	32.17	10.57	33.47	296	319	P	H
	*	5785	95.02	-	-	85.75	32.17	10.57	33.47	296	319	A	H
		5850.2	55.35	-66.39	121.74	45.91	32.3	10.62	33.48	296	319	P	H
		5857.2	55.08	-55.1	110.18	45.63	32.31	10.62	33.48	296	319	P	H
		5906.8	55.96	-25.67	81.63	46.36	32.43	10.66	33.49	296	319	P	H
		5941.6	56.45	-11.75	68.2	46.68	32.57	10.69	33.49	296	319	P	H
													H
													H
		5632.6	54.85	-13.35	68.2	46.12	31.73	10.45	33.45	293	311	P	V
		5699.4	56.56	-48.2	104.76	47.52	32	10.5	33.46	293	311	P	V
		5719.4	59.07	-51.56	110.63	49.97	32.04	10.52	33.46	293	311	P	V
		5724.8	61.25	-60.49	121.74	52.14	32.05	10.52	33.46	293	311	P	V
	*	5785	118.78	-	-	109.51	32.17	10.57	33.47	293	311	P	V
	*	5785	108.03	-	-	98.76	32.17	10.57	33.47	293	311	A	V
		5852.6	63.58	-52.69	116.27	54.13	32.31	10.62	33.48	293	311	P	V
		5858.4	62.59	-47.26	109.85	53.13	32.32	10.62	33.48	293	311	P	V
		5881.2	59.44	-41.15	100.59	49.92	32.36	10.64	33.48	293	311	P	V
		5925.8	57.06	-11.14	68.2	47.38	32.5	10.67	33.49	293	311	P	V
													V
													V



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 165 5825MHz	*	5825	107.93	-	-	98.56	32.25	10.6	33.48	302	314	P	H
	*	5825	96.97	-	-	87.6	32.25	10.6	33.48	302	314	A	H
		5850	70.67	-51.53	122.2	61.23	32.3	10.62	33.48	302	314	P	H
		5856.8	63.43	-46.87	110.3	53.98	32.31	10.62	33.48	302	314	P	H
		5881.2	54.68	-45.91	100.59	45.16	32.36	10.64	33.48	302	314	P	H
		5932	54.62	-13.58	68.2	44.9	32.53	10.68	33.49	302	314	P	H
													H
													H
	*	5825	119.57	-	-	110.2	32.25	10.6	33.48	289	311	P	V
	*	5825	108.72	-	-	99.35	32.25	10.6	33.48	289	311	A	V
		5850.2	89.54	-32.2	121.74	80.1	32.3	10.62	33.48	289	311	P	V
		5855.6	79.51	-31.12	110.63	70.06	32.31	10.62	33.48	289	311	P	V
		5876	65.44	-39.02	104.46	55.93	32.35	10.64	33.48	289	311	P	V
		5929.2	58.45	-9.75	68.2	48.74	32.52	10.68	33.49	289	311	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
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 149 5745MHz		11490	45.95	-28.05	74	51.28	39.78	16.49	61.6	100	0	P	H
		17235	56.39	-11.81	68.2	50.69	40.7	20.78	55.78	100	0	P	H
													H
													H
		11490	46.24	-27.76	74	51.57	39.78	16.49	61.6	100	0	P	V
		17235	57.55	-10.65	68.2	51.85	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	46.89	-27.11	74	52.43	39.66	16.55	61.75	100	0	P	H
		17355	58.57	-9.63	68.2	51.81	41.4	20.88	55.52	100	0	P	H
													H
													H
		11570	45.7	-28.3	74	51.24	39.66	16.55	61.75	100	0	P	V
		17355	56.07	-12.13	68.2	49.31	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	44.84	-29.16	74	50.8	39.35	16.62	61.93	100	0	P	H
		17475	55.72	-12.48	68.2	47.84	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	45.38	-28.62	74	51.34	39.35	16.62	61.93	100	0	P	V
		17475	55.02	-13.18	68.2	47.14	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		5620	54.25	-13.95	68.2	45.5	31.76	10.44	33.45	297	304	P	H
		5698	67.6	-36.13	103.73	58.57	31.99	10.5	33.46	297	304	P	H
		5719.8	77.88	-32.86	110.74	68.78	32.04	10.52	33.46	297	304	P	H
		5725	80.63	-41.57	122.2	71.52	32.05	10.52	33.46	297	304	P	H
	*	5755	105.57	-	-	96.39	32.11	10.54	33.47	297	304	P	H
	*	5755	95.41	-	-	86.23	32.11	10.54	33.47	297	304	A	H
		5850.6	58.67	-62.16	120.83	49.23	32.3	10.62	33.48	297	304	P	H
		5867.4	57.3	-50.03	107.33	47.82	32.33	10.63	33.48	297	304	P	H
		5875.2	55.32	-49.73	105.05	45.81	32.35	10.64	33.48	297	304	P	H
		5930.8	55.23	-12.97	68.2	45.52	32.52	10.68	33.49	297	304	P	H
													H
													H
		5636.2	58.58	-9.62	68.2	49.85	31.73	10.45	33.45	301	319	P	V
		5697.6	79.9	-23.53	103.43	70.87	31.99	10.5	33.46	301	319	P	V
		5719	93.24	-17.28	110.52	84.14	32.04	10.52	33.46	301	319	P	V
		5722.2	92.74	-23.08	115.82	83.64	32.04	10.52	33.46	301	319	P	V
	*	5755	117.73	-	-	108.55	32.11	10.54	33.47	301	319	P	V
	*	5755	107.34	-	-	98.16	32.11	10.54	33.47	301	319	A	V
		5853	67.49	-47.87	115.36	58.04	32.31	10.62	33.48	301	319	P	V
		5859.8	68.37	-41.08	109.45	58.91	32.32	10.62	33.48	301	319	P	V
		5878	62.57	-40.4	102.97	53.05	32.36	10.64	33.48	301	319	P	V
		5926	57.45	-10.75	68.2	47.77	32.5	10.67	33.49	301	319	P	V
													V
													V



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 159 5795MHz		5649	54.55	-13.65	68.2	45.84	31.7	10.46	33.45	268	303	P	H
		5657.2	55.08	-18.47	73.55	46.32	31.74	10.47	33.45	268	303	P	H
		5720	62.52	-48.28	110.8	53.42	32.04	10.52	33.46	268	303	P	H
		5722.4	64.12	-52.15	116.27	55.02	32.04	10.52	33.46	268	303	P	H
	*	5795	106.12	-	-	96.82	32.19	10.58	33.47	268	303	P	H
	*	5795	96.11	-	-	86.81	32.19	10.58	33.47	268	303	A	H
		5852.4	74.04	-42.69	116.73	64.6	32.3	10.62	33.48	268	303	P	H
		5856.2	72.39	-38.07	110.46	62.94	32.31	10.62	33.48	268	303	P	H
		5875	64.08	-41.12	105.2	54.57	32.35	10.64	33.48	268	303	P	H
		5929.2	56.64	-11.56	68.2	46.93	32.52	10.68	33.49	268	303	P	H
													H
													H
		5646.2	56.39	-11.81	68.2	47.67	31.71	10.46	33.45	310	323	P	V
		5696.2	64.4	-38	102.4	55.38	31.98	10.5	33.46	310	323	P	V
		5720	74.06	-36.74	110.8	64.96	32.04	10.52	33.46	310	323	P	V
		5724.6	77.37	-43.92	121.29	68.26	32.05	10.52	33.46	310	323	P	V
	*	5795	118.55	-	-	109.25	32.19	10.58	33.47	310	323	P	V
	*	5795	108.19	-	-	98.89	32.19	10.58	33.47	310	323	A	V
		5851.8	86.43	-31.67	118.1	76.99	32.3	10.62	33.48	310	323	P	V
		5857.6	86.86	-23.21	110.07	77.4	32.32	10.62	33.48	310	323	P	V
		5875.6	78.78	-25.97	104.75	69.27	32.35	10.64	33.48	310	323	P	V
		5926.2	61.99	-6.21	68.2	52.31	32.5	10.67	33.49	310	323	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz
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 151 5755MHz		11510	46.66	-27.34	74	52	39.78	16.5	61.62	100	0	P	H
		17265	56.84	-11.36	68.2	50.95	40.8	20.81	55.72	100	0	P	H
													H
													H
		11510	46.72	-27.28	74	52.06	39.78	16.5	61.62	100	0	P	V
		17265	58.67	-9.53	68.2	52.78	40.8	20.81	55.72	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	46.52	-27.48	74	52.13	39.62	16.57	61.8	100	0	P	H
		17385	55.46	-12.74	68.2	48.34	41.67	20.9	55.45	100	0	P	H
													H
													H
		11590	46.44	-27.56	74	52.05	39.62	16.57	61.8	100	0	P	V
		17385	53.4	-14.8	68.2	46.28	41.67	20.9	55.45	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 155 5775MHz		5641.4	56.7	-11.5	68.2	45.75	31.72	10.45	31.22	100	22	P	H
		5694.6	56.89	-44.33	101.22	45.67	31.97	10.5	31.25	100	22	P	H
		5717	57.33	-52.63	109.96	46.05	32.03	10.51	31.26	100	22	P	H
		5724.2	57.11	-63.27	120.38	45.8	32.05	10.52	31.26	100	22	P	H
	*	5775	98.04	-	-	86.61	32.15	10.56	31.28	100	22	P	H
	*	5775	88.03	-	-	76.6	32.15	10.56	31.28	100	22	A	H
		5854.4	60.6	-51.57	112.17	48.99	32.31	10.62	31.32	100	22	P	H
		5856.6	60.75	-49.6	110.35	49.14	32.31	10.62	31.32	100	22	P	H
		5923	58.13	-11.54	69.67	46.32	32.49	10.67	31.35	100	22	P	H
		5945	57.58	-10.62	68.2	45.68	32.58	10.69	31.37	100	22	P	H
													H
													H
		5627.6	57.51	-10.69	68.2	46.54	31.74	10.44	31.21	380	336	P	V
		5697.2	62.89	-40.25	103.14	51.66	31.98	10.5	31.25	380	336	P	V
		5719.2	65.5	-45.08	110.58	54.2	32.04	10.52	31.26	380	336	P	V
		5724.2	65.54	-54.84	120.38	54.23	32.05	10.52	31.26	380	336	P	V
	*	5775	110.62	-	-	99.19	32.15	10.56	31.28	380	336	P	V
	*	5775	100.75	-	-	89.32	32.15	10.56	31.28	380	336	A	V
		5851.8	70.87	-47.23	118.1	59.27	32.3	10.62	31.32	380	336	P	V
		5861	72.47	-36.65	109.12	60.85	32.32	10.63	31.33	380	336	P	V
		5879.2	66.38	-35.7	102.08	54.71	32.36	10.64	31.33	380	336	P	V
		5947.4	58.82	-9.38	68.2	46.91	32.59	10.69	31.37	380	336	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 155 5775MHz		11550	47.05	-26.95	74	52.52	39.7	16.54	61.71	100	0	P	H
		17325	48.37	-19.83	68.2	41.98	41.12	20.85	55.58	100	0	P	H
													H
													H
		11550	47.8	-26.2	74	53.27	39.7	16.54	61.71	100	0	P	V
		17325	49.17	-19.03	68.2	42.78	41.12	20.85	55.58	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

5GHz WIFI 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11n HT40 LF		60.07	32.5	-7.5	40	50.04	11.78	1.14	30.46	100	0	P	H
		101.78	32.76	-10.74	43.5	45.72	16.01	1.46	30.43			P	H
		120.21	32.24	-11.26	43.5	43.95	17.23	1.47	30.41			P	H
		769.14	32.58	-13.42	46	30.08	27.97	3.89	29.36			P	H
		848.68	34.49	-11.51	46	30.78	28.83	4.1	29.22			P	H
		927.25	35.88	-10.12	46	30.97	29.61	4.36	29.06			P	H
													H
													H
													H
													H
													H
													H
		52.31	33.92	-6.08	40	49.98	13.37	1.04	30.47	100	0	P	V
		119.24	36.35	-7.15	43.5	48.09	17.2	1.47	30.41			P	V
		210.42	29.96	-13.54	43.5	43.22	15.02	2.02	30.3			P	V
		759.44	32.01	-13.99	46	29.59	27.93	3.87	29.38			P	V
		843.83	33.35	-12.65	46	29.87	28.62	4.08	29.22			P	V
		894.27	39.3	-6.7	46	35.28	28.93	4.24	29.15			P	V
													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 1>

Band 4 - 5725~5850MHz

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 149 5745MHz		5648.6	56.15	-12.05	68.2	47.44	31.7	10.46	33.45	305	285	P	H
		5698.8	63.22	-41.1	104.32	54.19	31.99	10.5	33.46	305	285	P	H
		5719.8	67.81	-42.93	110.74	58.71	32.04	10.52	33.46	305	285	P	H
		5725	78.68	-43.52	122.2	69.57	32.05	10.52	33.46	305	285	P	H
	*	5745	116.46	-	-	107.29	32.09	10.54	33.46	305	285	P	H
	*	5745	106.21	-	-	97.04	32.09	10.54	33.46	305	285	A	H
													H
													H
		5631.8	55.39	-12.81	68.2	46.65	31.74	10.45	33.45	400	177	P	V
		5692	57.78	-41.52	99.3	48.8	31.95	10.49	33.46	400	177	P	V
		5719.2	60.97	-49.61	110.58	51.87	32.04	10.52	33.46	400	177	P	V
		5725	71.96	-50.24	122.2	62.85	32.05	10.52	33.46	400	177	P	V
	*	5745	110.69	-	-	101.52	32.09	10.54	33.46	400	177	P	V
	*	5745	100.55	-	-	91.38	32.09	10.54	33.46	400	177	A	V
													V
													V



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 157 5785MHz		5636.2	55.12	-13.08	68.2	46.39	31.73	10.45	33.45	302	287	P	H
		5697.6	56.75	-46.68	103.43	47.72	31.99	10.5	33.46	302	287	P	H
		5716.4	59.61	-50.18	109.79	50.53	32.03	10.51	33.46	302	287	P	H
		5723.4	61.51	-57.04	118.55	52.4	32.05	10.52	33.46	302	287	P	H
	*	5785	118.45	-	-	109.18	32.17	10.57	33.47	302	287	P	H
	*	5785	108.25	-	-	98.98	32.17	10.57	33.47	302	287	A	H
		5854.2	62.81	-49.81	112.62	53.36	32.31	10.62	33.48	302	287	P	H
		5857.6	62.61	-47.46	110.07	53.15	32.32	10.62	33.48	302	287	P	H
		5878.8	60.68	-41.7	102.38	51.16	32.36	10.64	33.48	302	287	P	H
		5948.6	57.09	-11.11	68.2	47.3	32.59	10.69	33.49	302	287	P	H
													H
													H
		5615	55.12	-13.08	68.2	46.37	31.77	10.43	33.45	399	164	P	V
		5697.6	55.45	-47.98	103.43	46.42	31.99	10.5	33.46	399	164	P	V
		5707.4	55.69	-51.58	107.27	46.63	32.01	10.51	33.46	399	164	P	V
		5724.8	55.71	-66.03	121.74	46.6	32.05	10.52	33.46	399	164	P	V
	*	5785	114.93	-	-	105.66	32.17	10.57	33.47	399	164	P	V
	*	5785	104.58	-	-	95.31	32.17	10.57	33.47	399	164	A	V
		5850	57.18	-65.02	122.2	47.74	32.3	10.62	33.48	399	164	P	V
		5866.2	57.76	-49.9	107.66	48.28	32.33	10.63	33.48	399	164	P	V
		5888	57.08	-38.47	95.55	47.53	32.38	10.65	33.48	399	164	P	V
		5947.6	56.55	-11.65	68.2	46.76	32.59	10.69	33.49	399	164	P	V
													V
													V



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 165 5825MHz	*	5825	119.55	-	-	110.18	32.25	10.6	33.48	265	284	P	H
	*	5825	109.03	-	-	99.66	32.25	10.6	33.48	265	284	A	H
		5850	91.44	-30.76	122.2	82	32.3	10.62	33.48	265	284	P	H
		5855.8	86.77	-23.81	110.58	77.32	32.31	10.62	33.48	265	284	P	H
		5875.2	69.22	-35.83	105.05	59.71	32.35	10.64	33.48	265	284	P	H
		5925.8	59.76	-8.44	68.2	50.08	32.5	10.67	33.49	265	284	P	H
													H
													H
	*	5825	114.87	-	-	105.5	32.25	10.6	33.48	400	141	P	V
	*	5825	104.28	-	-	94.91	32.25	10.6	33.48	400	141	A	V
		5850	85.79	-36.41	122.2	76.35	32.3	10.62	33.48	400	141	P	V
		5855.8	78.39	-32.19	110.58	68.94	32.31	10.62	33.48	400	141	P	V
		5876.2	58.56	-45.75	104.31	49.05	32.35	10.64	33.48	400	141	P	V
		5929.8	56.98	-11.22	68.2	47.27	32.52	10.68	33.49	400	141	P	V
													V
													V
													V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													



Band 4 5725~5850MHz

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 149 5745MHz		11490	46.19	-27.81	74	51.52	39.78	16.49	61.6	100	0	P	H
		17235	53.14	-15.06	68.2	47.44	40.7	20.78	55.78	100	0	P	H
													H
													H
		11490	46.46	-27.54	74	51.79	39.78	16.49	61.6	100	0	P	V
		17235	51.23	-16.97	68.2	45.53	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	47.66	-26.34	74	53.2	39.66	16.55	61.75	100	0	P	H
		17355	58.77	-9.43	68.2	52.01	41.4	20.88	55.52	100	0	P	H
													H
													H
		11570	46.7	-27.3	74	52.24	39.66	16.55	61.75	100	0	P	V
		17355	53.75	-14.45	68.2	46.99	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	47.37	-26.63	74	53.33	39.35	16.62	61.93	100	0	P	H
		17475	55.14	-13.06	68.2	47.26	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	46.5	-27.5	74	52.46	39.35	16.62	61.93	100	0	P	V
		17475	51.61	-16.59	68.2	43.73	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		5646.6	57.31	-10.89	68.2	48.59	31.71	10.46	33.45	258	284	P	H
		5697	66.37	-36.62	102.99	57.35	31.98	10.5	33.46	258	284	P	H
		5720	70.84	-39.96	110.8	61.74	32.04	10.52	33.46	258	284	P	H
		5725	79.97	-42.23	122.2	70.86	32.05	10.52	33.46	258	284	P	H
	*	5745	117.05	-	-	107.88	32.09	10.54	33.46	258	284	P	H
	*	5745	106.24	-	-	97.07	32.09	10.54	33.46	258	284	A	H
													H
													H
		5629.6	55.65	-12.55	68.2	46.92	31.74	10.44	33.45	400	176	P	V
		5693	56.37	-43.67	100.04	47.38	31.96	10.49	33.46	400	176	P	V
		5720	62.18	-48.62	110.8	53.08	32.04	10.52	33.46	400	176	P	V
		5725	72.98	-49.22	122.2	63.87	32.05	10.52	33.46	400	176	P	V
	*	5745	111.29	-	-	102.12	32.09	10.54	33.46	400	176	P	V
	*	5745	100.53	-	-	91.36	32.09	10.54	33.46	400	176	A	V
													V
													V



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 157 5785MHz		5641.2	56.16	-12.04	68.2	47.44	31.72	10.45	33.45	300	287	P	H
		5697.2	58.87	-44.27	103.14	49.85	31.98	10.5	33.46	300	287	P	H
		5719.2	61.56	-49.02	110.58	52.46	32.04	10.52	33.46	300	287	P	H
		5722.8	63.34	-53.84	117.18	54.23	32.05	10.52	33.46	300	287	P	H
	*	5785	116.54	-	-	107.27	32.17	10.57	33.47	300	287	P	H
	*	5785	105.75	-	-	96.48	32.17	10.57	33.47	300	287	A	H
		5851.2	63.61	-55.85	119.46	54.17	32.3	10.62	33.48	300	287	P	H
		5855.6	63.59	-47.04	110.63	54.14	32.31	10.62	33.48	300	287	P	H
		5877	61.68	-42.03	103.71	52.17	32.35	10.64	33.48	300	287	P	H
		5936.6	57.65	-10.55	68.2	47.91	32.55	10.68	33.49	300	287	P	H
													H
													H
		5606.8	54.5	-13.7	68.2	45.72	31.79	10.43	33.44	399	163	P	V
		5695.6	54.79	-47.17	101.96	45.78	31.97	10.5	33.46	399	163	P	V
		5716.4	55.58	-54.21	109.79	46.5	32.03	10.51	33.46	399	163	P	V
		5723.8	57.01	-62.45	119.46	47.9	32.05	10.52	33.46	399	163	P	V
	*	5785	112.84	-	-	103.57	32.17	10.57	33.47	399	163	P	V
	*	5785	102.03	-	-	92.76	32.17	10.57	33.47	399	163	A	V
		5853	59.42	-55.94	115.36	49.97	32.31	10.62	33.48	399	163	P	V
		5860.8	58.79	-50.38	109.17	49.32	32.32	10.63	33.48	399	163	P	V
		5912.8	58.14	-19.06	77.2	48.52	32.45	10.66	33.49	399	163	P	V
		5930	57.51	-10.69	68.2	47.8	32.52	10.68	33.49	399	163	P	V
													V
													V



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 165 5825MHz	*	5825	118.35	-	-	108.98	32.25	10.6	33.48	238	241	P	H
	*	5825	107.18	-	-	97.81	32.25	10.6	33.48	238	241	A	H
		5850	91.31	-30.89	122.2	81.87	32.3	10.62	33.48	238	241	P	H
		5855.4	86.65	-24.04	110.69	77.2	32.31	10.62	33.48	238	241	P	H
		5876.4	69.84	-34.32	104.16	60.33	32.35	10.64	33.48	238	241	P	H
		5927	57.43	-10.77	68.2	47.73	32.51	10.68	33.49	238	241	P	H
													H
													H
	*	5825	114.56	-	-	105.19	32.25	10.6	33.48	400	144	P	V
	*	5825	103.61	-	-	94.24	32.25	10.6	33.48	400	144	A	V
		5850	86.72	-35.48	122.2	77.28	32.3	10.62	33.48	400	144	P	V
		5855.2	78.4	-32.34	110.74	68.95	32.31	10.62	33.48	400	144	P	V
		5876	61.28	-43.18	104.46	51.77	32.35	10.64	33.48	400	144	P	V
		5933.2	57.28	-10.92	68.2	47.56	32.53	10.68	33.49	400	144	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		11490	46.48	-27.52	74	51.81	39.78	16.49	61.6	100	0	P	H
		17235	54.3	-13.9	68.2	48.6	40.7	20.78	55.78	100	0	P	H
													H
													H
		11490	46.74	-27.26	74	52.07	39.78	16.49	61.6	100	0	P	V
		17235	50.23	-17.97	68.2	44.53	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	47.02	-26.98	74	52.56	39.66	16.55	61.75	100	0	P	H
		17355	50.44	-17.76	68.2	43.68	41.4	20.88	55.52	100	0	P	H
													H
													H
		11570	46.41	-27.59	74	51.95	39.66	16.55	61.75	100	0	P	V
		17355	49.65	-18.55	68.2	42.89	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	47.03	-26.97	74	52.99	39.35	16.62	61.93	100	0	P	H
		17475	56.27	-11.93	68.2	48.39	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	45.8	-28.2	74	51.76	39.35	16.62	61.93	100	0	P	V
		17475	51.03	-17.17	68.2	43.15	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		5636.4	64.69	-3.51	68.2	55.96	31.73	10.45	33.45	288	285	P	H
		5698	83.61	-20.12	103.73	74.58	31.99	10.5	33.46	288	285	P	H
		5718.6	95.38	-15.03	110.41	86.29	32.04	10.51	33.46	288	285	P	H
		5725	97.72	-24.48	122.2	88.61	32.05	10.52	33.46	288	285	P	H
	*	5755	117.32	-	-	108.14	32.11	10.54	33.47	288	285	P	H
	*	5755	106.83	-	-	97.65	32.11	10.54	33.47	288	285	A	H
		5852.2	72.5	-44.68	117.18	63.06	32.3	10.62	33.48	288	285	P	H
		5855.2	71.01	-39.73	110.74	61.56	32.31	10.62	33.48	288	285	P	H
		5875.2	65.55	-39.5	105.05	56.04	32.35	10.64	33.48	288	285	P	H
		5925.8	58.83	-9.37	68.2	49.15	32.5	10.67	33.49	288	285	P	H
													H
													H
		5636.2	60.57	-7.63	68.2	51.84	31.73	10.45	33.45	400	167	P	V
		5698	73.81	-29.92	103.73	64.78	31.99	10.5	33.46	400	167	P	V
		5719.2	85.59	-24.99	110.58	76.49	32.04	10.52	33.46	400	167	P	V
		5724.4	88.84	-31.99	120.83	79.73	32.05	10.52	33.46	400	167	P	V
	*	5755	112.73	-	-	103.55	32.11	10.54	33.47	400	167	P	V
	*	5755	102.4	-	-	93.22	32.11	10.54	33.47	400	167	A	V
		5852.2	64.65	-52.53	117.18	55.21	32.3	10.62	33.48	400	167	P	V
		5867.8	64.11	-43.1	107.21	54.62	32.34	10.63	33.48	400	167	P	V
		5875.2	61.38	-43.67	105.05	51.87	32.35	10.64	33.48	400	167	P	V
		5926.2	56.85	-11.35	68.2	47.17	32.5	10.67	33.49	400	167	P	V
													V
													V



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 159 5795MHz		5648.4	57.75	-10.45	68.2	49.04	31.7	10.46	33.45	301	287	P	H
		5696.4	65.41	-37.14	102.55	56.39	31.98	10.5	33.46	301	287	P	H
		5719.2	72.88	-37.7	110.58	63.78	32.04	10.52	33.46	301	287	P	H
		5724.6	75.21	-46.08	121.29	66.1	32.05	10.52	33.46	301	287	P	H
	*	5795	116.35	-	-	107.05	32.19	10.58	33.47	301	287	P	H
	*	5795	105.76	-	-	96.46	32.19	10.58	33.47	301	287	A	H
		5852.6	85.37	-30.9	116.27	75.92	32.31	10.62	33.48	301	287	P	H
		5858	85.84	-24.12	109.96	76.38	32.32	10.62	33.48	301	287	P	H
		5875.4	77.18	-27.72	104.9	67.67	32.35	10.64	33.48	301	287	P	H
		5926.4	61.48	-6.72	68.2	51.79	32.51	10.67	33.49	301	287	P	H
													H
													H
		5649.6	55.05	-13.15	68.2	46.34	31.7	10.46	33.45	400	163	P	V
		5696.2	59.18	-43.22	102.4	50.16	31.98	10.5	33.46	400	163	P	V
		5714.8	64.31	-45.04	109.35	55.23	32.03	10.51	33.46	400	163	P	V
		5724.8	65.97	-55.77	121.74	56.86	32.05	10.52	33.46	400	163	P	V
	*	5795	112.56	-	-	103.26	32.19	10.58	33.47	400	163	P	V
	*	5795	102.01	-	-	92.71	32.19	10.58	33.47	400	163	A	V
		5852.8	77.09	-38.73	115.82	67.64	32.31	10.62	33.48	400	163	P	V
		5857.8	77.77	-32.24	110.01	68.31	32.32	10.62	33.48	400	163	P	V
		5876.4	71.14	-33.02	104.16	61.63	32.35	10.64	33.48	400	163	P	V
		5926.8	58.05	-10.15	68.2	48.35	32.51	10.68	33.49	400	163	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		11510	47.76	-26.24	74	53.1	39.78	16.5	61.62	100	0	P	H
		17265	55.37	-12.83	68.2	49.48	40.8	20.81	55.72	100	0	P	H
													H
													H
		11510	47.92	-26.08	74	53.26	39.78	16.5	61.62	100	0	P	V
		17265	52.86	-15.34	68.2	46.97	40.8	20.81	55.72	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	46.69	-27.31	74	52.3	39.62	16.57	61.8	100	0	P	H
		17385	55.72	-12.48	68.2	48.6	41.67	20.9	55.45	100	0	P	H
													H
													H
		11590	46.19	-27.81	74	51.8	39.62	16.57	61.8	100	0	P	V
		17385	51.47	-16.73	68.2	44.35	41.67	20.9	55.45	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 155 5775MHz		5631	62.56	-5.64	68.2	53.83	31.74	10.44	33.45	301	285	P	H
		5695.2	79.12	-22.54	101.66	70.11	31.97	10.5	33.46	301	285	P	H
		5719	82.93	-27.59	110.52	73.83	32.04	10.52	33.46	301	285	P	H
		5720.4	83.87	-27.84	111.71	74.77	32.04	10.52	33.46	301	285	P	H
	*	5775	111.5	-	-	102.26	32.15	10.56	33.47	301	285	P	H
	*	5775	101.03	-	-	91.79	32.15	10.56	33.47	301	285	A	H
		5850.2	84.67	-37.07	121.74	75.23	32.3	10.62	33.48	301	285	P	H
		5858.8	83.65	-26.08	109.73	74.19	32.32	10.62	33.48	301	285	P	H
		5877	78.37	-25.34	103.71	68.86	32.35	10.64	33.48	301	285	P	H
		5928.4	65.2	-3	68.2	55.5	32.51	10.68	33.49	301	285	P	H
													H
													H
		5631	59.06	-9.14	68.2	50.33	31.74	10.44	33.45	400	164	P	V
		5695.4	72.92	-28.89	101.81	63.91	31.97	10.5	33.46	400	164	P	V
		5719	74.6	-35.92	110.52	65.5	32.04	10.52	33.46	400	164	P	V
		5720.6	75.24	-36.93	112.17	66.14	32.04	10.52	33.46	400	164	P	V
	*	5775	107.71	-	-	98.47	32.15	10.56	33.47	400	164	P	V
	*	5775	97.21	-	-	87.97	32.15	10.56	33.47	400	164	A	V
		5851.4	76.12	-42.89	119.01	66.68	32.3	10.62	33.48	400	164	P	V
		5858.8	76.16	-33.57	109.73	66.7	32.32	10.62	33.48	400	164	P	V
		5877.2	73.22	-30.35	103.57	63.71	32.35	10.64	33.48	400	164	P	V
		5929.2	59.85	-8.35	68.2	50.14	32.52	10.68	33.49	400	164	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 155 5775MHz		11550	46.32	-27.68	74	51.79	39.7	16.54	61.71	100	0	P	H
		17325	50.39	-17.81	68.2	44	41.12	20.85	55.58	100	0	P	H
													H
													H
		11550	46.41	-27.59	74	51.88	39.7	16.54	61.71	100	0	P	V
		17325	49.17	-19.03	68.2	42.78	41.12	20.85	55.58	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

5GHz WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11ac VHT80 LF		30	23.96	-16.04	40	28.8	24.57	0.77	30.18			P	H
		173.56	28.63	-14.87	43.5	41.81	15.26	1.91	30.35			P	H
		194.9	33.49	-10.01	43.5	47.01	14.83	1.98	30.33			P	H
		239.52	31.21	-14.79	46	42.19	17.19	2.08	30.25			P	H
		716.76	34.76	-11.24	46	33.68	26.81	3.75	29.48			P	H
		885.54	39.27	-6.73	46	35.24	28.97	4.22	29.16	100	0	P	H
													H
													H
													H
													H
													H
													H
		30.97	29.76	-10.24	40	35.13	24.05	0.78	30.2			P	V
		62.98	30.64	-9.36	40	48.18	11.76	1.16	30.46			P	V
		161.92	30.36	-13.14	43.5	42.63	16.25	1.84	30.36			P	V
		194.9	32	-11.5	43.5	45.52	14.83	1.98	30.33			P	V
		715.79	34.12	-11.88	46	33.1	26.76	3.74	29.48			P	V
		913.67	37.06	-8.94	46	32.59	29.26	4.31	29.1	100	0	P	V
													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 4 - 5725~5850MHz

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 149 5745MHz		5637.6	55.72	-12.48	68.2	47	31.72	10.45	33.45	100	76	P	H
		5699.2	60.25	-44.36	104.61	51.21	32	10.5	33.46	100	76	P	H
		5719.2	65.97	-44.61	110.58	56.87	32.04	10.52	33.46	100	76	P	H
		5725	79.14	-43.06	122.2	70.03	32.05	10.52	33.46	100	76	P	H
	*	5745	116.93	-	-	107.76	32.09	10.54	33.46	100	76	P	H
	*	5745	106.37	-	-	97.2	32.09	10.54	33.46	100	76	A	H
													H
													H
		5606	54.18	-14.02	68.2	45.41	31.79	10.42	33.44	400	334	P	V
		5699.8	54.85	-50.2	105.05	45.81	32	10.5	33.46	400	334	P	V
		5719.4	62.07	-48.56	110.63	52.97	32.04	10.52	33.46	400	334	P	V
		5724.8	73.3	-48.44	121.74	64.19	32.05	10.52	33.46	400	334	P	V
	*	5745	113.21	-	-	104.04	32.09	10.54	33.46	400	334	P	V
	*	5745	102.02	-	-	92.85	32.09	10.54	33.46	400	334	A	V
													V
													V



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 157 5785MHz		5631.8	54.69	-13.51	68.2	45.95	31.74	10.45	33.45	111	75	P	H
		5686.8	55.86	-39.6	95.46	46.91	31.92	10.49	33.46	111	75	P	H
		5718.6	56.47	-53.94	110.41	47.38	32.04	10.51	33.46	111	75	P	H
		5722	57.13	-58.23	115.36	48.03	32.04	10.52	33.46	111	75	P	H
	*	5785	117.5	-	-	108.23	32.17	10.57	33.47	111	75	P	H
	*	5785	106.7	-	-	97.43	32.17	10.57	33.47	111	75	A	H
		5853.4	58.63	-55.82	114.45	49.18	32.31	10.62	33.48	111	75	P	H
		5858.2	58.59	-51.31	109.9	49.13	32.32	10.62	33.48	111	75	P	H
		5875.6	57.5	-47.25	104.75	47.99	32.35	10.64	33.48	111	75	P	H
		5927.2	57.12	-11.08	68.2	47.42	32.51	10.68	33.49	111	75	P	H
													H
													H
		5637.8	54.33	-13.87	68.2	45.61	31.72	10.45	33.45	400	216	P	V
		5692.6	55.46	-44.28	99.74	46.47	31.96	10.49	33.46	400	216	P	V
		5700.8	54.3	-51.12	105.42	45.26	32	10.5	33.46	400	216	P	V
		5722.6	55.32	-61.41	116.73	46.21	32.05	10.52	33.46	400	216	P	V
	*	5785	111.27	-	-	102	32.17	10.57	33.47	400	216	P	V
	*	5785	100.7	-	-	91.43	32.17	10.57	33.47	400	216	A	V
		5850.2	55.52	-66.22	121.74	46.08	32.3	10.62	33.48	400	216	P	V
		5874.6	55.22	-50.09	105.31	45.71	32.35	10.64	33.48	400	216	P	V
		5903.8	55.98	-27.87	83.85	46.39	32.42	10.66	33.49	400	216	P	V
		5943.6	56.48	-11.72	68.2	46.71	32.57	10.69	33.49	400	216	P	V
													V
													V



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 165 5825MHz	*	5825	118.51	-	-	109.14	32.25	10.6	33.48	117	76	P	H
	*	5825	108.15	-	-	98.78	32.25	10.6	33.48	117	76	A	H
		5850	87.56	-34.64	122.2	78.12	32.3	10.62	33.48	117	76	P	H
		5855.8	79.65	-30.93	110.58	70.2	32.31	10.62	33.48	117	76	P	H
		5876.2	61.91	-42.4	104.31	52.4	32.35	10.64	33.48	117	76	P	H
		5931.2	56.35	-11.85	68.2	46.64	32.52	10.68	33.49	117	76	P	H
													H
													H
	*	5825	112.65	-	-	103.28	32.25	10.6	33.48	400	152	P	V
	*	5825	102.49	-	-	93.12	32.25	10.6	33.48	400	152	A	V
		5850	79.87	-42.33	122.2	70.43	32.3	10.62	33.48	400	152	P	V
		5855.8	72.41	-38.17	110.58	62.96	32.31	10.62	33.48	400	152	P	V
		5876.8	56.11	-47.75	103.86	46.6	32.35	10.64	33.48	400	152	P	V
		5941	55.58	-12.62	68.2	45.82	32.56	10.69	33.49	400	152	P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		11490	46.22	-27.78	74	51.55	39.78	16.49	61.6	100	0	P	H
		17235	61.1	-7.1	68.2	55.4	40.7	20.78	55.78	100	0	P	H
													H
													H
		11490	45.96	-28.04	74	51.29	39.78	16.49	61.6	100	0	P	V
		17235	57.38	-10.82	68.2	51.68	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11a CH 157 5785MHz		11570	46.94	-27.06	74	52.48	39.66	16.55	61.75	100	0	P	H
		17355	53.48	-14.72	68.2	46.72	41.4	20.88	55.52	100	0	P	H
													H
													H
		11570	46.58	-27.42	74	52.12	39.66	16.55	61.75	100	0	P	V
		17355	51.99	-16.21	68.2	45.23	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11a CH 165 5825MHz		11650	47.15	-26.85	74	53.11	39.35	16.62	61.93	100	0	P	H
		17475	50.66	-17.54	68.2	42.78	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	45.89	-28.11	74	51.85	39.35	16.62	61.93	100	0	P	V
		17475	49.41	-18.79	68.2	41.53	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		5646.6	54.74	-13.46	68.2	46.02	31.71	10.46	33.45	109	77	P	H
		5695.2	61.7	-39.96	101.66	52.69	31.97	10.5	33.46	109	77	P	H
		5720	73.21	-37.59	110.8	64.11	32.04	10.52	33.46	109	77	P	H
		5724.8	82.87	-38.87	121.74	73.76	32.05	10.52	33.46	109	77	P	H
	*	5745	116.79	-	-	107.62	32.09	10.54	33.46	109	77	P	H
	*	5745	105.94	-	-	96.77	32.09	10.54	33.46	109	77	A	H
													H
													H
		5605	53.88	-14.32	68.2	45.11	31.79	10.42	33.44	400	335	P	V
		5699.8	55.27	-49.78	105.05	46.23	32	10.5	33.46	400	335	P	V
		5720	69.44	-41.36	110.8	60.34	32.04	10.52	33.46	400	335	P	V
		5725	77.8	-44.4	122.2	68.69	32.05	10.52	33.46	400	335	P	V
	*	5745	113.13	-	-	103.96	32.09	10.54	33.46	400	335	P	V
	*	5745	102.18	-	-	93.01	32.09	10.54	33.46	400	335	A	V
													V
													V



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 157 5785MHz		5604	54.62	-13.58	68.2	45.85	31.79	10.42	33.44	112	76	P	H
		5673.2	55.46	-29.95	85.41	46.59	31.84	10.48	33.45	112	76	P	H
		5718	58.21	-52.03	110.24	49.12	32.04	10.51	33.46	112	76	P	H
		5723.6	60.43	-58.58	119.01	51.32	32.05	10.52	33.46	112	76	P	H
	*	5785	117.69	-	-	108.42	32.17	10.57	33.47	112	76	P	H
	*	5785	107.07	-	-	97.8	32.17	10.57	33.47	112	76	A	H
		5850.4	59.79	-61.5	121.29	50.35	32.3	10.62	33.48	112	76	P	H
		5863.6	60.01	-48.38	108.39	50.53	32.33	10.63	33.48	112	76	P	H
		5881.6	58.15	-42.15	100.3	48.63	32.36	10.64	33.48	112	76	P	H
		5934.8	56.78	-11.42	68.2	47.05	32.54	10.68	33.49	112	76	P	H
													H
													H
		5632.2	53.99	-14.21	68.2	45.25	31.74	10.45	33.45	378	291	P	V
		5698.4	54.57	-49.45	104.02	45.54	31.99	10.5	33.46	378	291	P	V
		5707	54.65	-52.51	107.16	45.59	32.01	10.51	33.46	378	291	P	V
		5724.2	54.38	-66	120.38	45.27	32.05	10.52	33.46	378	291	P	V
	*	5785	111.63	-	-	102.36	32.17	10.57	33.47	378	291	P	V
	*	5785	100.8	-	-	91.53	32.17	10.57	33.47	378	291	A	V
		5854.6	55.26	-56.45	111.71	45.81	32.31	10.62	33.48	378	291	P	V
		5861.2	56.43	-52.63	109.06	46.96	32.32	10.63	33.48	378	291	P	V
		5920.6	56.1	-15.34	71.44	46.44	32.48	10.67	33.49	378	291	P	V
		5946.6	56.69	-11.51	68.2	46.9	32.59	10.69	33.49	378	291	P	V
													V
													V



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 165 5825MHz	*	5825	118.51	-	-	109.14	32.25	10.6	33.48	115	77	P	H
	*	5825	107.38	-	-	98.01	32.25	10.6	33.48	115	77	A	H
		5850	89.64	-32.56	122.2	80.2	32.3	10.62	33.48	115	77	P	H
		5855.2	78.77	-31.97	110.74	69.32	32.31	10.62	33.48	115	77	P	H
		5878	62.76	-40.21	102.97	53.24	32.36	10.64	33.48	115	77	P	H
		5947.6	57.14	-11.06	68.2	47.35	32.59	10.69	33.49	115	77	P	H
													H
													H
	*	5825	112.4	-	-	103.03	32.25	10.6	33.48	400	154	P	V
	*	5825	101.89	-	-	92.52	32.25	10.6	33.48	400	154	A	V
		5850.2	83.53	-38.21	121.74	74.09	32.3	10.62	33.48	400	154	P	V
		5855	72.5	-38.3	110.8	63.05	32.31	10.62	33.48	400	154	P	V
		5875.2	57.3	-47.75	105.05	47.79	32.35	10.64	33.48	400	154	P	V
		5926.2	55.78	-12.42	68.2	46.1	32.5	10.67	33.49	400	154	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 149 5745MHz		11490	47.96	-26.04	74	53.29	39.78	16.49	61.6	100	0	P	H
		17235	59.08	-9.12	68.2	53.38	40.7	20.78	55.78	100	0	P	H
													H
													H
		11490	46.59	-27.41	74	51.92	39.78	16.49	61.6	100	0	P	V
		17235	54.69	-13.51	68.2	48.99	40.7	20.78	55.78	100	0	P	V
													V
													V
802.11n HT20 CH 157 5785MHz		11570	46.98	-27.02	74	52.52	39.66	16.55	61.75	100	0	P	H
		17355	54.48	-13.72	68.2	47.72	41.4	20.88	55.52	100	0	P	H
													H
													H
		11570	45.82	-28.18	74	51.36	39.66	16.55	61.75	100	0	P	V
		17355	50.8	-17.4	68.2	44.04	41.4	20.88	55.52	100	0	P	V
													V
													V
802.11n HT20 CH 165 5825MHz		11650	47.31	-26.69	74	53.27	39.35	16.62	61.93	100	0	P	H
		17475	51.26	-16.94	68.2	43.38	42.17	20.97	55.26	100	0	P	H
													H
													H
		11650	45.53	-28.47	74	51.49	39.35	16.62	61.93	100	0	P	V
		17475	47.42	-20.78	68.2	39.54	42.17	20.97	55.26	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		5639.6	58.1	-10.1	68.2	49.38	31.72	10.45	33.45	107	76	P	H
		5699	78.67	-25.79	104.46	69.64	31.99	10.5	33.46	107	76	P	H
		5718.6	92.98	-17.43	110.41	83.89	32.04	10.51	33.46	107	76	P	H
		5725	95.16	-27.04	122.2	86.05	32.05	10.52	33.46	107	76	P	H
	*	5755	116.52	-	-	107.34	32.11	10.54	33.47	107	76	P	H
	*	5755	106.18	-	-	97	32.11	10.54	33.47	107	76	A	H
		5852.8	63.16	-52.66	115.82	53.71	32.31	10.62	33.48	107	76	P	H
		5855.6	62.44	-48.19	110.63	52.99	32.31	10.62	33.48	107	76	P	H
		5875	59.45	-45.75	105.2	49.94	32.35	10.64	33.48	107	76	P	H
		5948.2	56.62	-11.58	68.2	46.83	32.59	10.69	33.49	107	76	P	H
													H
													H
		5643.4	56.25	-11.95	68.2	47.54	31.71	10.45	33.45	398	334	P	V
		5699.4	62.79	-41.97	104.76	53.75	32	10.5	33.46	398	334	P	V
		5719.2	84.91	-25.67	110.58	75.81	32.04	10.52	33.46	398	334	P	V
		5725	87.05	-35.15	122.2	77.94	32.05	10.52	33.46	398	334	P	V
	*	5755	112.57	-	-	103.39	32.11	10.54	33.47	398	334	P	V
	*	5755	102.41	-	-	93.23	32.11	10.54	33.47	398	334	A	V
		5850.2	58.1	-63.64	121.74	48.66	32.3	10.62	33.48	398	334	P	V
		5858.4	57.88	-51.97	109.85	48.42	32.32	10.62	33.48	398	334	P	V
		5879	56.74	-45.49	102.23	47.22	32.36	10.64	33.48	398	334	P	V
		5925	56.44	-11.76	68.2	46.76	32.5	10.67	33.49	398	334	P	V
													V
													V



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 159 5795MHz		5633.2	55.46	-12.74	68.2	46.73	31.73	10.45	33.45	107	76	P	H
		5696.4	61.69	-40.86	102.55	52.67	31.98	10.5	33.46	107	76	P	H
		5720	69.77	-41.03	110.8	60.67	32.04	10.52	33.46	107	76	P	H
		5724.8	71.04	-50.7	121.74	61.93	32.05	10.52	33.46	107	76	P	H
	*	5795	116.45	-	-	107.15	32.19	10.58	33.47	107	76	P	H
	*	5795	106.23	-	-	96.93	32.19	10.58	33.47	107	76	P	H
		5852.6	81.37	-34.9	116.27	71.92	32.31	10.62	33.48	107	76	P	H
		5856.2	80.71	-29.75	110.46	71.26	32.31	10.62	33.48	107	76	P	H
		5875	70.9	-34.3	105.2	61.39	32.35	10.64	33.48	107	76	P	H
		5938.2	58.21	-9.99	68.2	48.47	32.55	10.68	33.49	107	76	P	H
													H
													H
		5603.8	54.99	-13.21	68.2	46.22	31.79	10.42	33.44	400	216	P	V
		5696.2	55.81	-46.59	102.4	46.79	31.98	10.5	33.46	400	216	P	V
		5717.4	57.91	-52.16	110.07	48.83	32.03	10.51	33.46	400	216	P	V
		5725	59.77	-62.43	122.2	50.66	32.05	10.52	33.46	400	216	P	V
	*	5795	110.59	-	-	101.29	32.19	10.58	33.47	400	216	P	V
	*	5795	100.41	-	-	91.11	32.19	10.58	33.47	400	216	A	V
		5852.6	67.23	-49.04	116.27	57.78	32.31	10.62	33.48	400	216	P	V
		5857.8	66.67	-43.34	110.01	57.21	32.32	10.62	33.48	400	216	P	V
		5875.4	60.07	-44.83	104.9	50.56	32.35	10.64	33.48	400	216	P	V
		5929.8	56.22	-11.98	68.2	46.51	32.52	10.68	33.49	400	216	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 151 5755MHz		11510	46.86	-27.14	74	52.2	39.78	16.5	61.62	100	0	P	H
		17265	59.95	-8.25	68.2	54.06	40.8	20.81	55.72	100	0	P	H
													H
													H
		11510	46.31	-27.69	74	51.65	39.78	16.5	61.62	100	0	P	V
		17265	52.97	-15.23	68.2	47.08	40.8	20.81	55.72	100	0	P	V
													V
													V
802.11n HT40 CH 159 5795MHz		11590	46.72	-27.28	74	52.33	39.62	16.57	61.8	100	0	P	H
		17385	51.12	-17.08	68.2	44	41.67	20.9	55.45	100	0	P	H
													H
													H
		11590	46.15	-27.85	74	51.76	39.62	16.57	61.8	100	0	P	V
		17385	49.12	-19.08	68.2	42	41.67	20.9	55.45	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 4 5725~5850MHz

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 155 5775MHz		5649.4	55.57	-12.63	68.2	46.86	31.7	10.46	33.45	102	78	P	H
		5698.8	62.11	-42.21	104.32	53.08	31.99	10.5	33.46	102	78	P	H
		5715.8	63.99	-45.64	109.63	54.91	32.03	10.51	33.46	102	78	P	H
		5724.2	64.41	-55.97	120.38	55.3	32.05	10.52	33.46	102	78	P	H
	*	5775	107.23	-	-	97.99	32.15	10.56	33.47	102	78	P	H
	*	5775	96.98	-	-	87.74	32.15	10.56	33.47	102	78	A	H
		5852.8	69.72	-46.1	115.82	60.27	32.31	10.62	33.48	102	78	P	H
		5857.2	67.53	-42.65	110.18	58.08	32.31	10.62	33.48	102	78	P	H
		5875.8	62.87	-41.74	104.61	53.36	32.35	10.64	33.48	102	78	P	H
		5943.8	57.28	-10.92	68.2	47.5	32.58	10.69	33.49	102	78	P	H
													H
													H
		5650	54.85	-13.35	68.2	46.14	31.7	10.46	33.45	395	339	P	V
		5697	55.56	-47.43	102.99	46.54	31.98	10.5	33.46	395	339	P	V
		5719.2	57.29	-53.29	110.58	48.19	32.04	10.52	33.46	395	339	P	V
		5725	56.74	-65.46	122.2	47.63	32.05	10.52	33.46	395	339	P	V
	*	5775	103.29	-	-	94.05	32.15	10.56	33.47	395	339	P	V
	*	5775	92.56	-	-	83.32	32.15	10.56	33.47	395	339	A	V
		5850.6	58.2	-62.63	120.83	48.76	32.3	10.62	33.48	395	339	P	V
		5871.6	58.95	-47.2	106.15	49.46	32.34	10.63	33.48	395	339	P	V
		5878.8	57.27	-45.11	102.38	47.75	32.36	10.64	33.48	395	339	P	V
		5939.2	56.46	-11.74	68.2	46.71	32.56	10.68	33.49	395	339	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 4 5725~5850MHz****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 155 5775MHz		11550	47.4	-26.6	74	52.87	39.7	16.54	61.71	100	0	P	H
		17325	51.3	-16.9	68.2	44.91	41.12	20.85	55.58	100	0	P	H
													H
													H
		11550	47.87	-26.13	74	53.34	39.7	16.54	61.71	100	0	P	V
		17325	49.35	-18.85	68.2	42.96	41.12	20.85	55.58	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

5GHz WIFI 802. 11a (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
5GHz 802.11a LF		30	24.78	-15.22	40	29.62	24.57	0.77	30.18			P	H
		159.98	27.02	-16.48	43.5	39.09	16.46	1.83	30.36			P	H
		194.9	33.71	-9.79	43.5	47.23	14.83	1.98	30.33			P	H
		239.52	31.51	-14.49	46	42.49	17.19	2.08	30.25			P	H
		713.85	37.09	-8.91	46	36.17	26.67	3.74	29.49	100	0	P	H
		954.41	35.84	-10.16	46	29.63	30.74	4.45	28.98			P	H
													H
													H
													H
													H
													H
													H
		30.97	30.47	-9.53	40	35.84	24.05	0.78	30.2			P	V
		61.04	31.81	-8.19	40	49.35	11.77	1.15	30.46	100	0	P	V
		137.67	33.02	-10.48	43.5	44.56	17.23	1.62	30.39			P	V
		194.9	32.75	-10.75	43.5	46.27	14.83	1.98	30.33			P	V
		716.76	34.96	-11.04	46	33.88	26.81	3.75	29.48			P	V
		955.38	35.37	-10.63	46	29.12	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	P eak or A verage
H/V	H orizontal or V ertical



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		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 Plots

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

Note symbol

-L	Low channel location
-R	High channel location

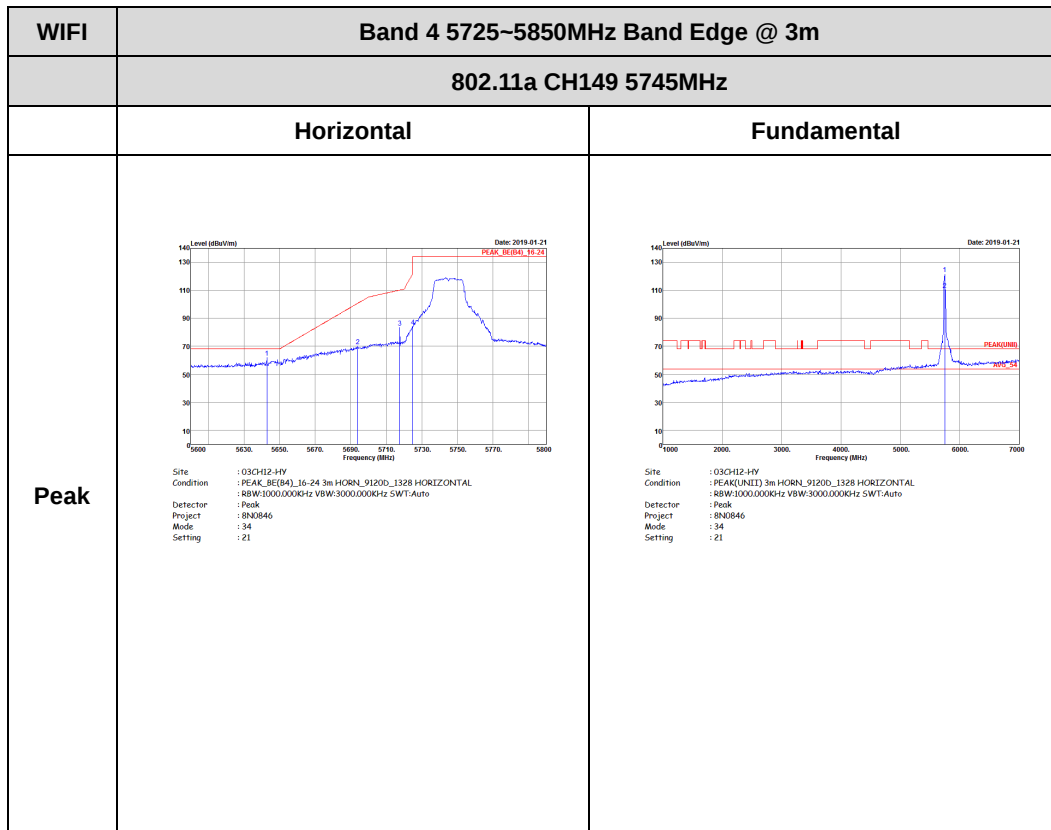


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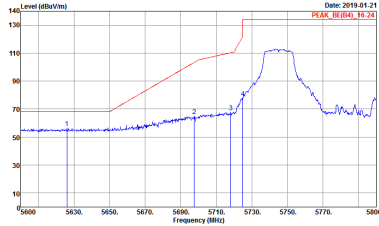
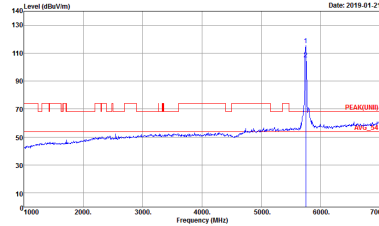
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Band 4 - 5725~5850MHz

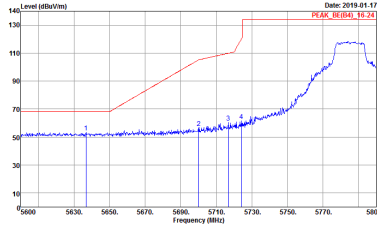
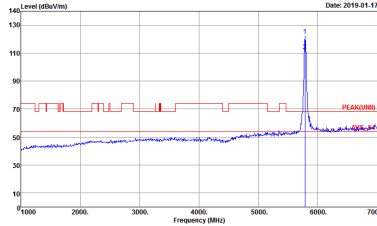
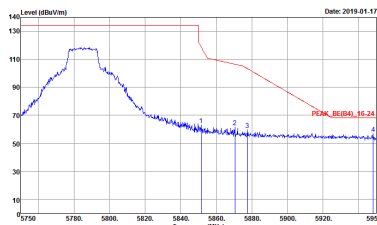
WIFI 802.11a (Band Edge @ 3m)





WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH149 5745MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, SEC(B4), 16-24 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : BN0846 Mode : 34 Setting : 21	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : BN0846 Mode : 34 Setting : 21

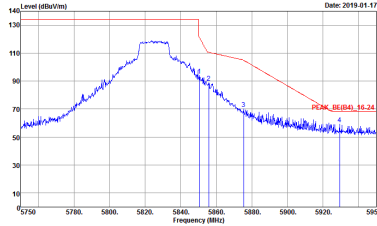
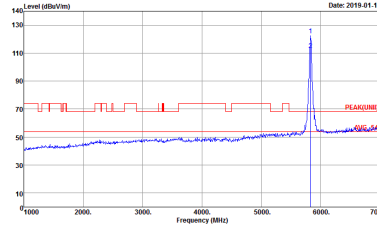


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH157 5785MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_8E(84)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 35 Setting : 23	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 35 Setting : 23
Peak	 Site : 03CH12-HY Condition : PEAK_8E(84)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 35 Setting : 23	Left blank

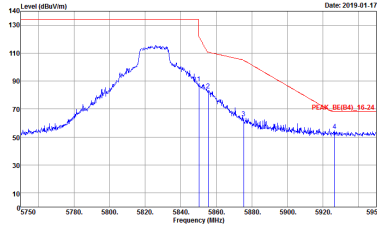
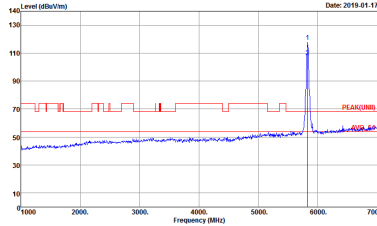


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH157 5785MHz	
	Vertical	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 35 Setting : 23	Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 35 Setting : 23
Peak	Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 35 Setting : 23	Left blank



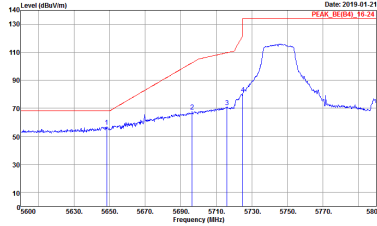
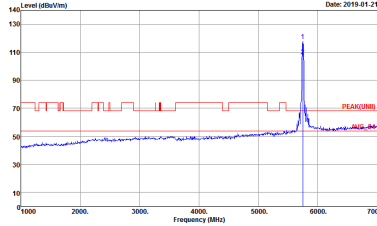
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH165 5825MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK (dBμV) 16.24 3m HORN, 91200, 1328 HORIZONTAL Detector : Peak Project : FR8N0846 Mode : 36 Setting : 24	 Site : 03CH12-HY Condition : PEAK (dBμV) 16.24 3m HORN, 91200, 1328 HORIZONTAL Detector : Peak Project : FR8N0846 Mode : 36 Setting : 24



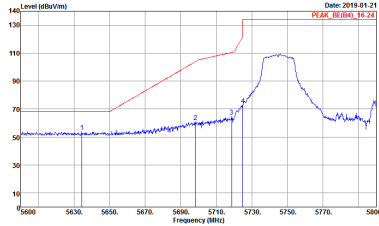
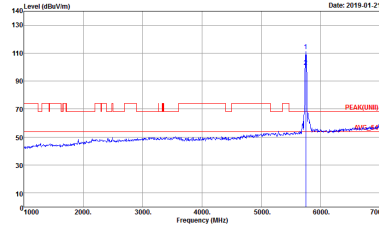
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH165 5825MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK (dBd) 16-24 3m HORN, 9120D, 1328 VERTICAL Detector : Peak Project : BN0846 Mode : 36 Setting : 24	 Site : 03CH12-HY Condition : PEAK (UNIT) 3m HORN, 9120D, 1328 VERTICAL Detector : Peak Project : BN0846 Mode : 36 Setting : 24



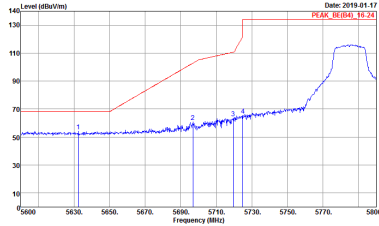
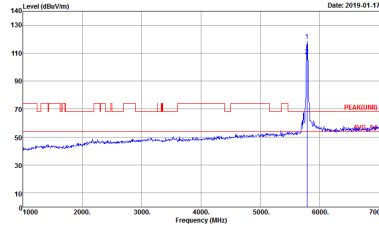
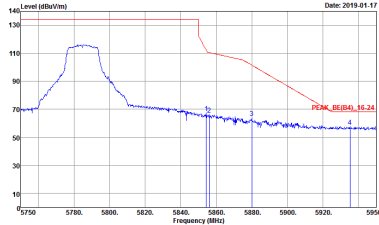
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH149 5745MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-11Y Condition : PEAK_BE(84)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 37 Setting : 20.5	 Site : 03CH12-11Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 37 Setting : 20.5



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH149 5745MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_8E(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : BN0846 Mode : 37 Setting : 20.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : BN0846 Mode : 37 Setting : 20.5

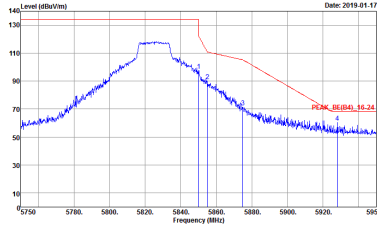
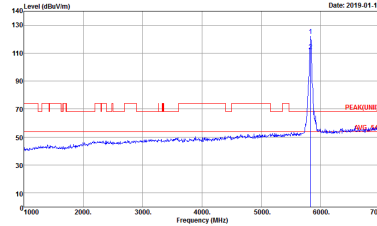


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH157 5785MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 38 Setting : 20.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 38 Setting : 20.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 38 Setting : 20.5	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH157 5785MHz	
	Vertical	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 38 Setting : 20.5	Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 38 Setting : 20.5
Peak	Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 38 Setting : 20.5	Left blank



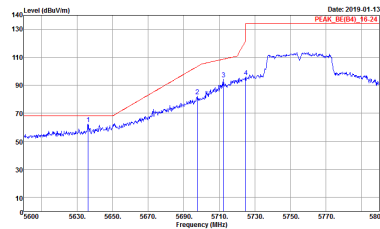
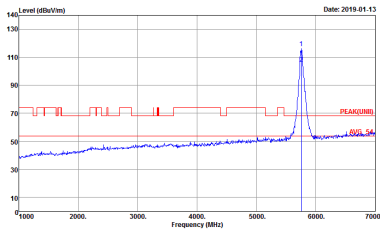
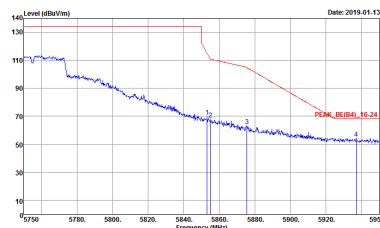
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH165 5825MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK (dBm) 16.24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : BN0846 Mode : 39 Setting : 24	 Site : 03CH12-HY Condition : PEAK (dBm) 16.24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : BN0846 Mode : 39 Setting : 24



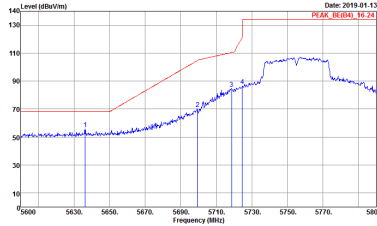
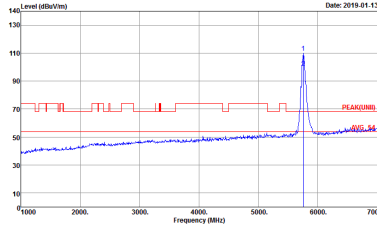
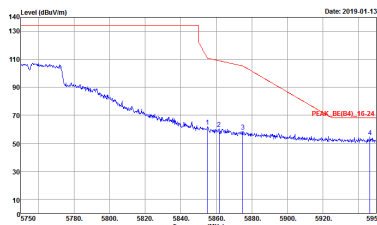
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH165 5825MHz	
	Vertical	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK, 8E(B4), 16-24 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : BN0846 Mode : 39 Setting : 24	Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : BN0846 Mode : 39 Setting : 24



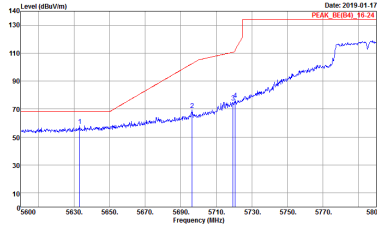
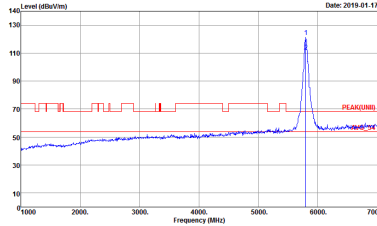
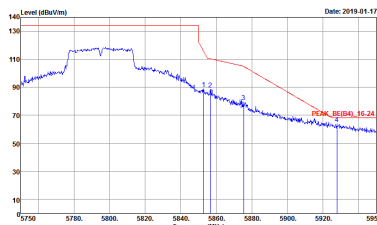
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT40 CH151 5755MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 40 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 40 Setting : 23.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 40 Setting : 23.5	Left blank

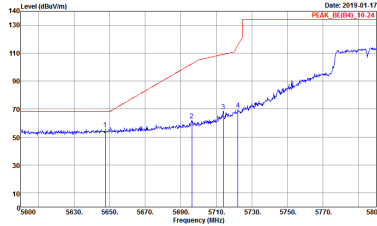
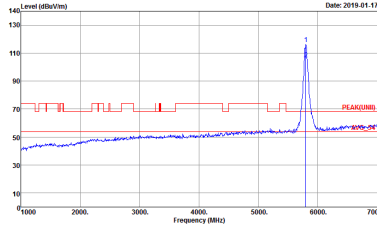
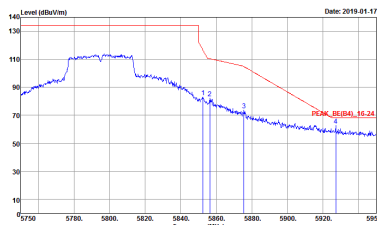


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT40 CH151 5755MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_8E(84)_16-24 3m HORN_9120D_1328 VERTICAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 40 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 40 Setting : 23.5
Peak	 Site : 03CH12-HY Condition : PEAK_8E(84)_16-24 3m HORN_9120D_1328 VERTICAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 40 Setting : 23.5	Left blank



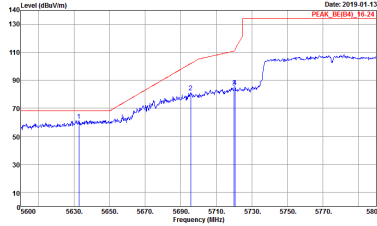
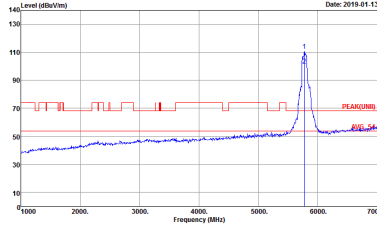
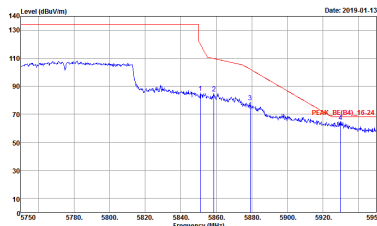
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	802.11n HT40 CH159 5795MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 41 Setting : 23	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 41 Setting : 23
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 41 Setting : 23	Left blank



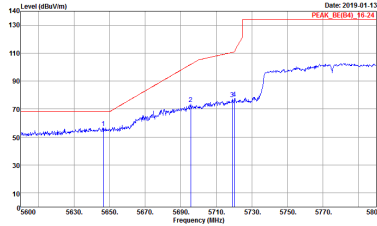
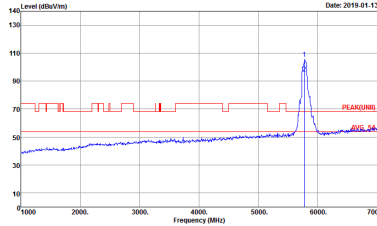
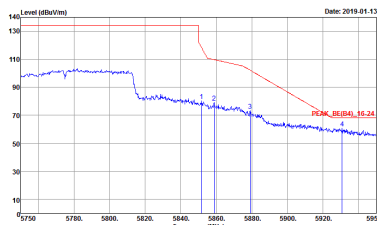
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT40 CH159 5795MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 41 Setting : 23	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 41 Setting : 23
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 41 Setting : 23	Left blank



Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

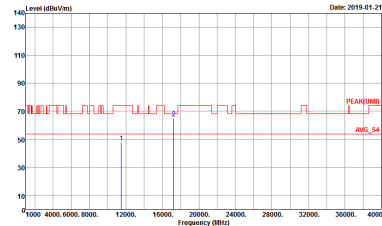
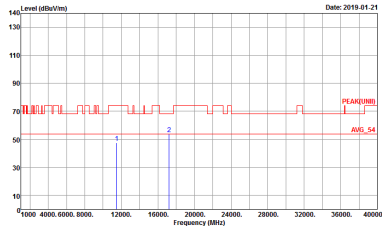
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11ac VHT80 CH155 5775MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 42 Setting : 22	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 42 Setting : 22
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 42 Setting : 22	Left blank



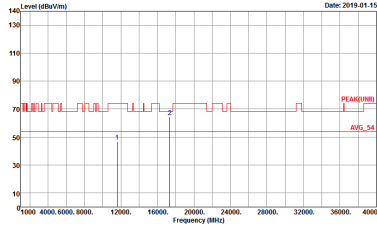
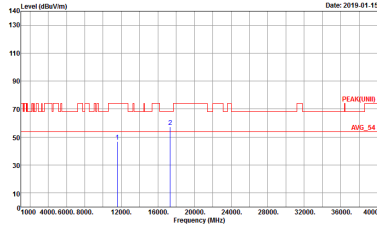
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11ac VHT80 CH155 5775MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 42 Setting : 22	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 42 Setting : 22
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 42 Setting : 22	Left blank



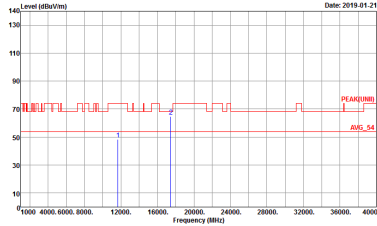
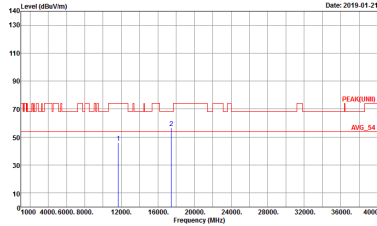
Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11a CH149 5745MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 34 Setting : 21	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 34 Setting : 21



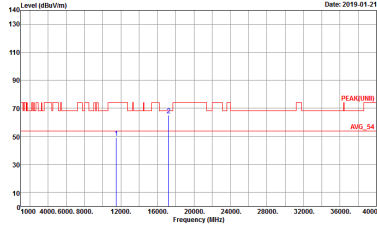
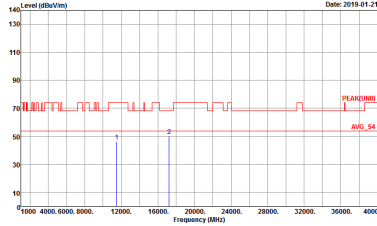
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11a CH157 5785MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 35 Setting : 23	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 35 Setting : 23



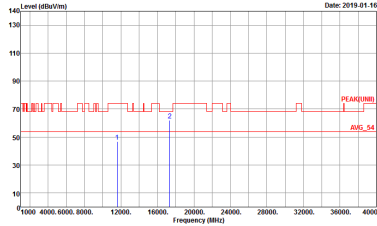
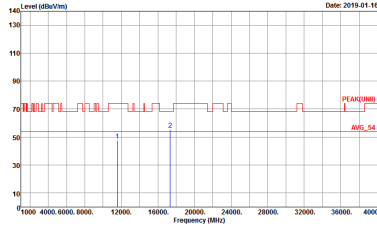
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11a CH165 5825MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 36 Setting : 24	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 36 Setting : 24



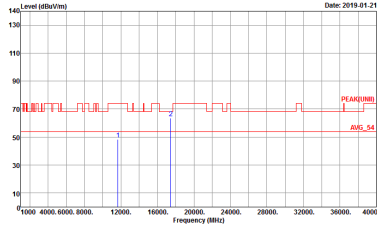
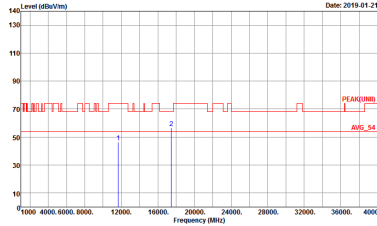
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT20 CH149 5745MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 37 Setting : 20.5	 Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 37 Setting : 20.5



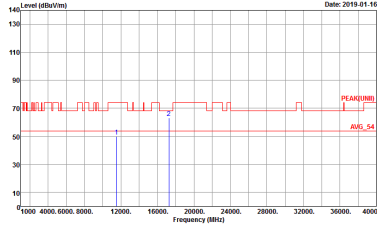
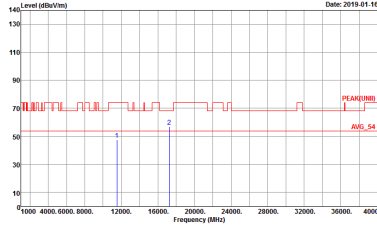
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT20 CH157 5785MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 38 Setting : 20.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 38 Setting : 20.5



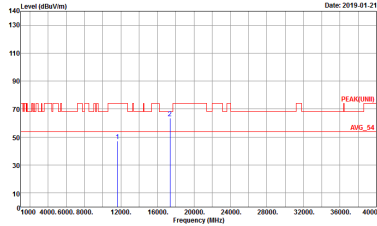
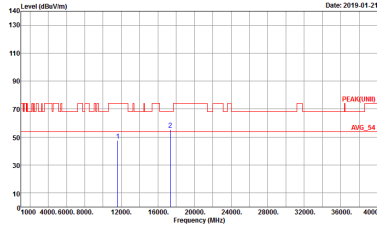
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT20 CH165 5825MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 39 Setting : 24	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 39 Setting : 24



Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

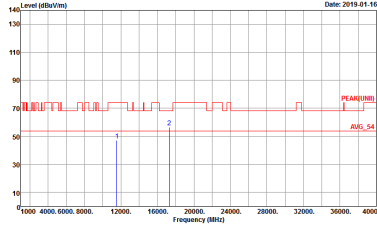
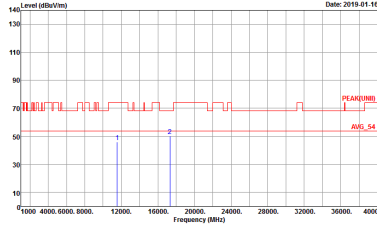
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT40 CH151 5755MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-11Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 40 Setting : 23.5	 Site : 03CH12-11Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 40 Setting : 23.5



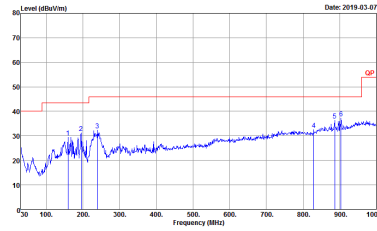
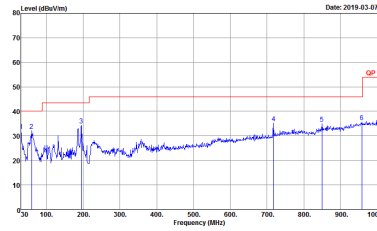
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT40 CH159 5795MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 41 Setting : 23	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 41 Setting : 23



Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11ac VHT80 CH155 5775MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 42 Setting : 22	 Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 42 Setting : 22

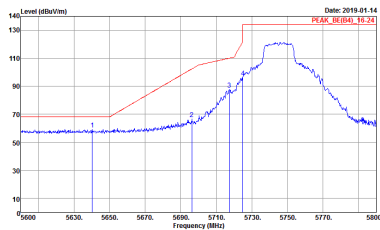
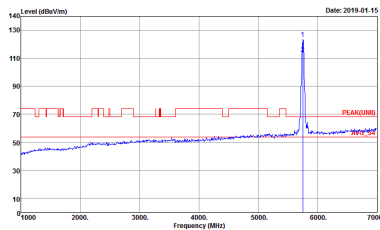
Emission below 1GHz
5GHz WIFI 802.11a (LF)

WIFI	5GHz 5725~5850MHz	
	802.11a LF	
	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : QP 3m 8ILO6_6111D_37059 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 398	 Site : 03CH12-HY Condition : QP 3m 8ILO6_6111D_37059 VERTICAL Detector : Peak Project : 8N0846 Mode : 398

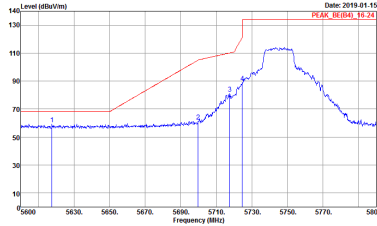
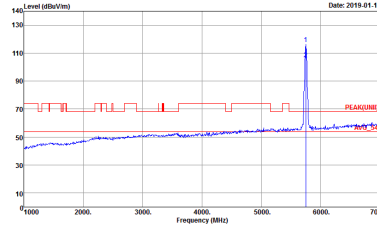


<Chain 2>

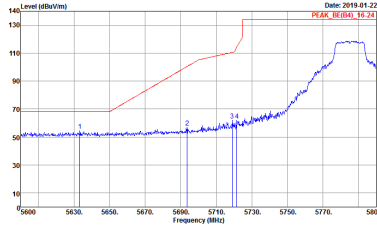
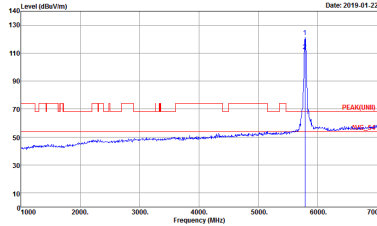
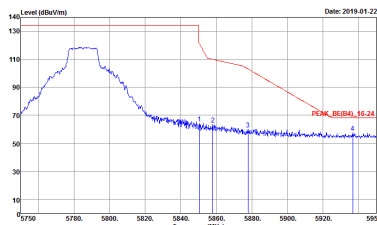
Band 4 - 5725~5850MHz
WIFI 802.11a (Band Edge @ 3m)

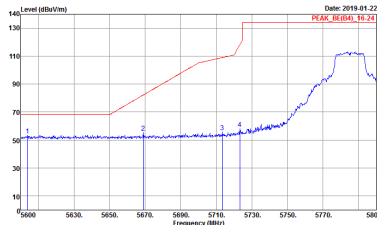
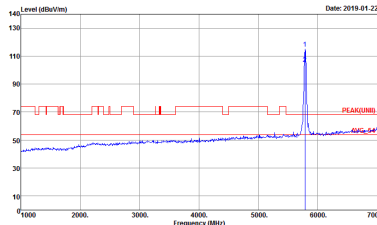
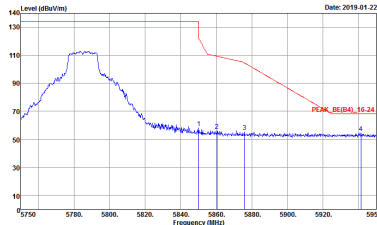
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH149 5745MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HV Condition : PEAK_BED(4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 8N0846 Mode : 76 Setting : 24	 Site : 03CH12-HV Condition : PEAK(0.00)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 8N0846 Mode : 76 Setting : 24



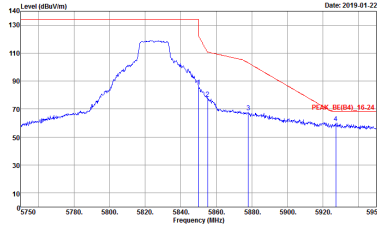
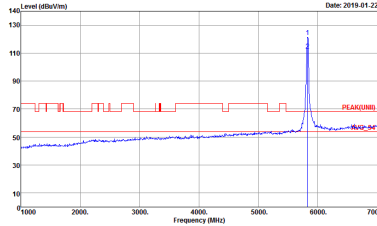
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH149 5745MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, SEC(04), 16-24 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : BN0846 Mode : 76 Setting : 24	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : BN0846 Mode : 76 Setting : 24



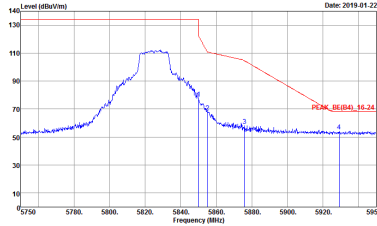
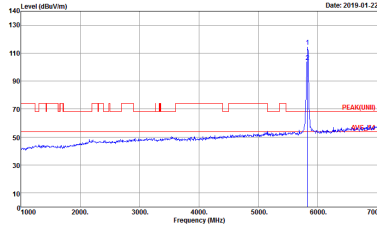
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH157 5785MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 77 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 77 Setting : 23.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 77 Setting : 23.5	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH157 5785MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 77 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 77 Setting : 23.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 77 Setting : 23.5	Left blank



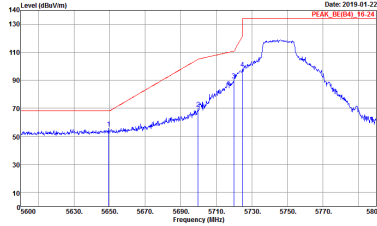
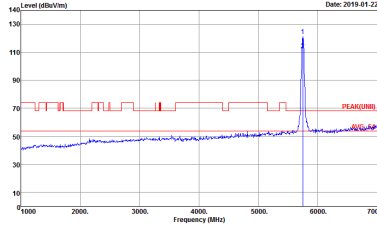
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH165 5825MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK (dB04) 16.24 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 78 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK (UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 78 Setting : 23.5



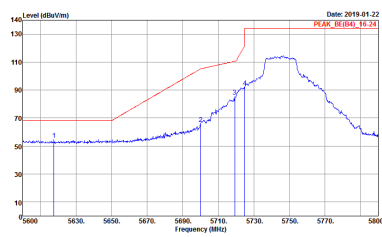
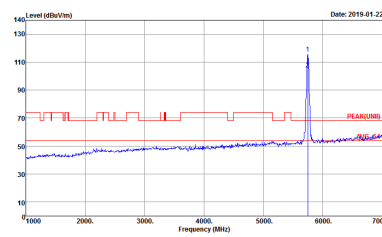
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH165 5825MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, 8E(04), 16-24 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 78 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 78 Setting : 23.5



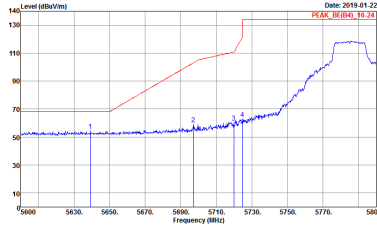
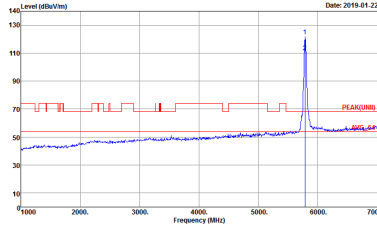
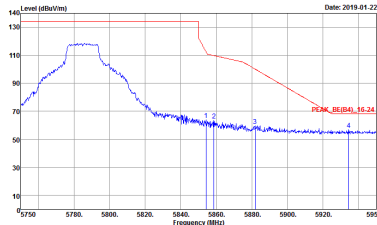
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH149 5745MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-11Y Condition : PEAK_BE(84)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 79 Setting : 24	 Site : 03CH12-11Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 79 Setting : 24

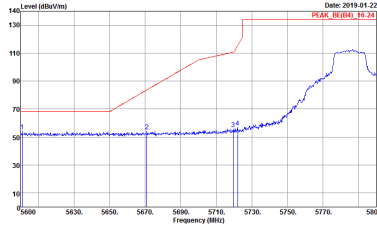
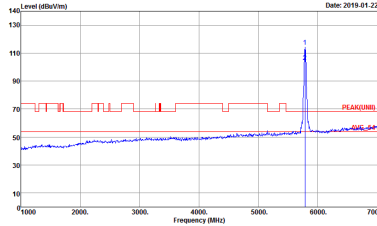
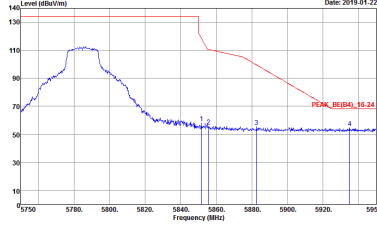


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH149 5745MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK (0.00, 10.24) 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 79 Setting : 24	 Site : 03CH12-HY Condition : PEAK (0.00, 10.24) 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 79 Setting : 24

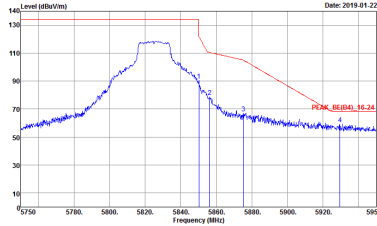
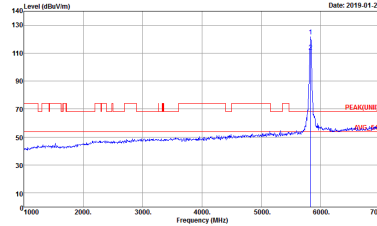


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH157 5785MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 80 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 80 Setting : 23.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 80 Setting : 23.5	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH157 5785MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_8E(04)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 80 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK_8E(04)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 80 Setting : 23.5
Peak	 Site : 03CH12-HY Condition : PEAK_8E(04)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 80 Setting : 23.5	Left blank



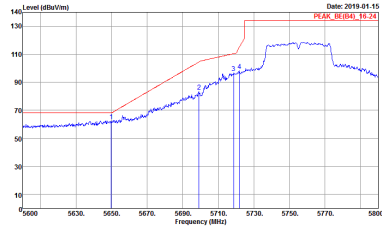
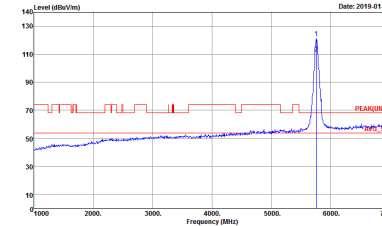
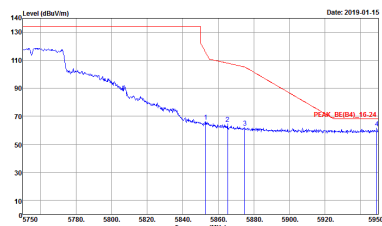
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH165 5825MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK (dBm) 16.24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : FR8N0846 Mode : B1 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK (dBm) 16.24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : FR8N0846 Mode : B1 Setting : 23.5



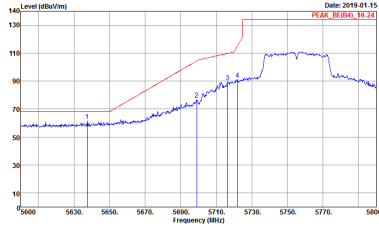
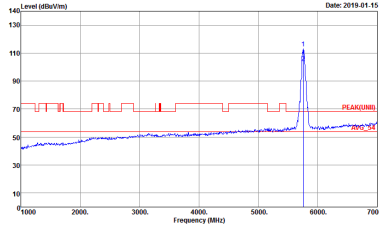
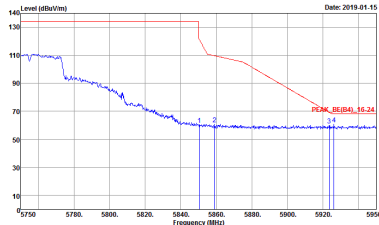
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH165 5825MHz	
	Vertical	Fundamental
Peak	Site : 03CH12-HY Condition : PEAK, 3E(04), 16-24 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : B1 Setting : 23.5	Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : B1 Setting : 23.5



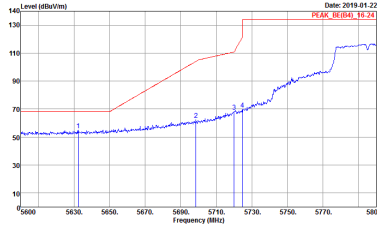
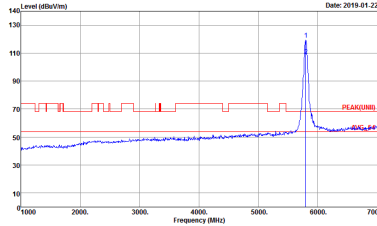
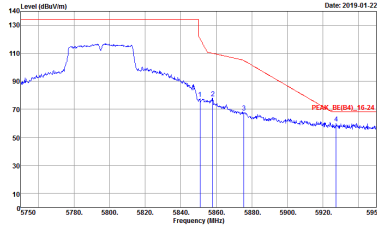
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

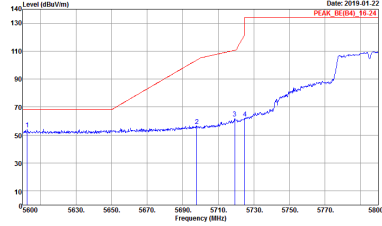
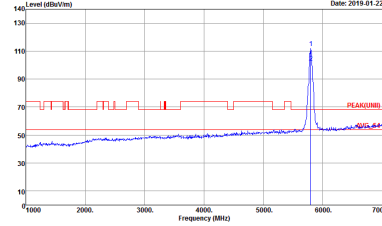
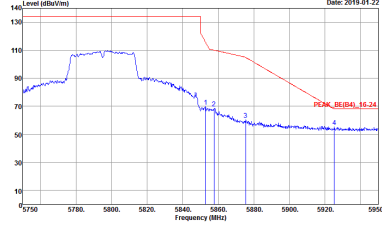
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT40 CH151 5755MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto Project : Peak Mode : 82 Setting : 23	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto Project : Peak Mode : 82 Setting : 23
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto Project : Peak Mode : 82 Setting : 23	Left blank



WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT40 CH151 5755MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 82 Setting : 23	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 82 Setting : 23
Peak	 Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 82 Setting : 23	Left blank

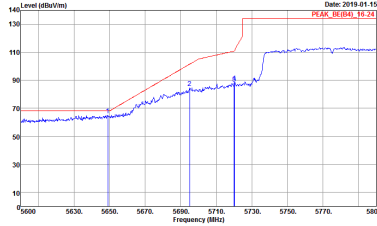
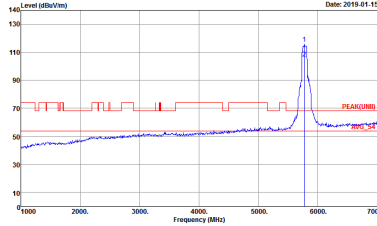
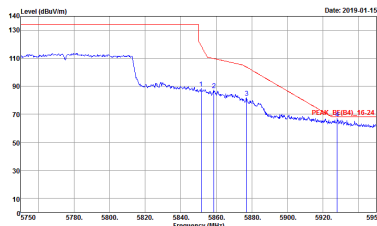


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT40 CH159 5795MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 83 Setting : 22.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 83 Setting : 22.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 83 Setting : 22.5	Left blank

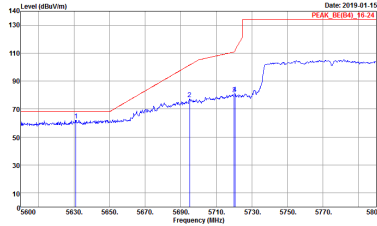
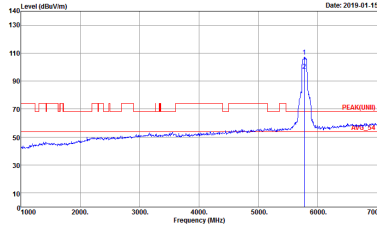
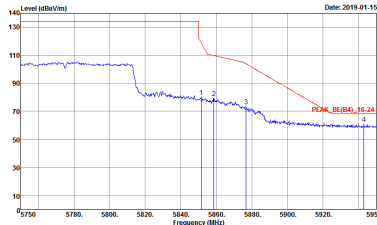
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT40 CH159 5795MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 83 Setting : 22.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 83 Setting : 22.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 83 Setting : 22.5	Left blank



Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

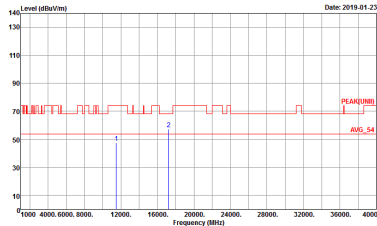
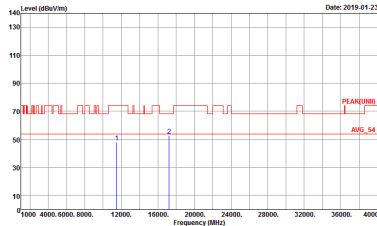
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11ac VHT80 CH155 5775MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak Project : 8N0846 Mode : 84 Setting : 21	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak Project : 8N0846 Mode : 84 Setting : 21
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Peak Project : 8N0846 Mode : 84 Setting : 21	Left blank



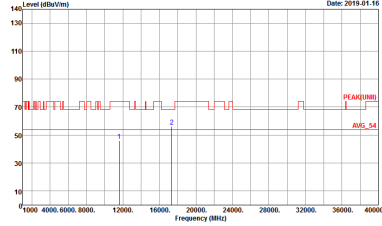
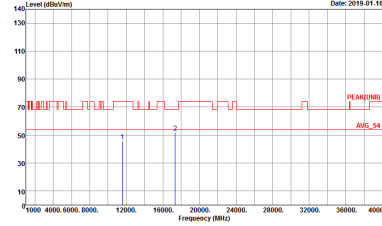
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11ac VHT80 CH155 5775MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_8E(84)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 84 Setting : 21	 Site : 03CH12-HY Condition : PEAK_8E(84)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 84 Setting : 21
Peak	 Site : 03CH12-HY Condition : PEAK_8E(84)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 84 Setting : 21	Left blank



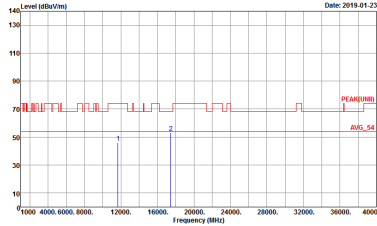
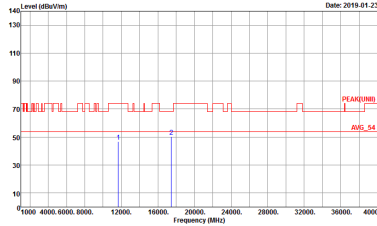
Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11a CH149 5745MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 76 Setting : 24	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 76 Setting : 24



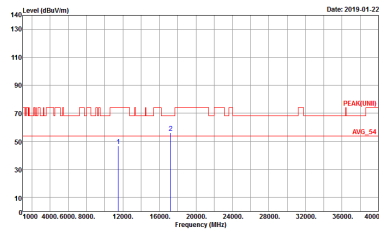
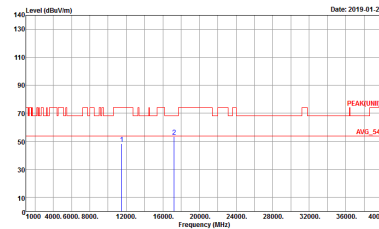
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11a CH157 5785MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 77 Setting : Z3.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 77 Setting : Z3.5



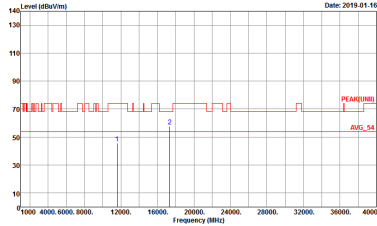
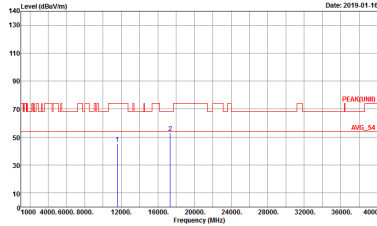
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11a CH165 5825MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 7B Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 7B Setting : 23.5



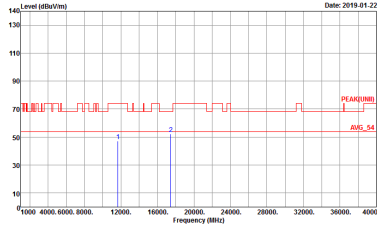
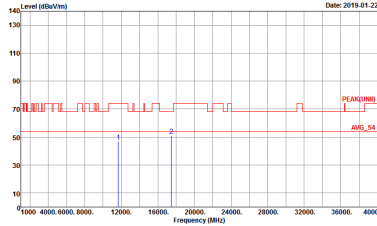
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT20 CH149 5745MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 79 Setting : 24	 Site : 03CH12-14Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 79 Setting : 24



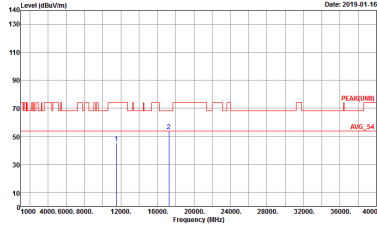
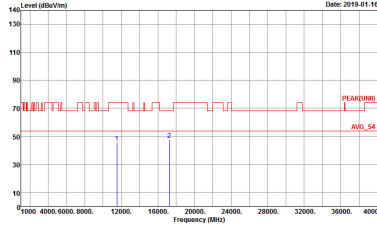
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT20 CH157 5785MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 90 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 90 Setting : 23.5



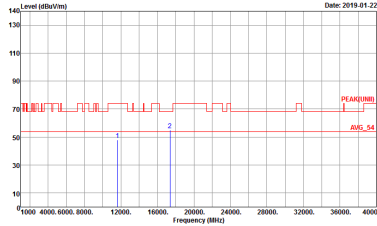
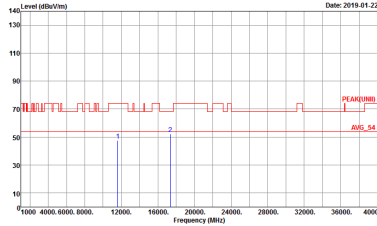
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT20 CH165 5825MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : B1 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : B1 Setting : 23.5



Band 4 5725~5850MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT40 CH151 5755MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-4Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 82 Setting : 23	 Site : 03CH12-4Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 82 Setting : 23



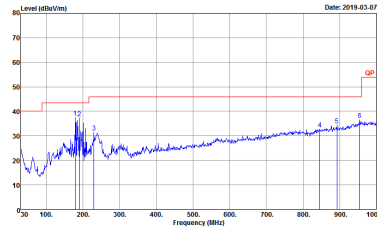
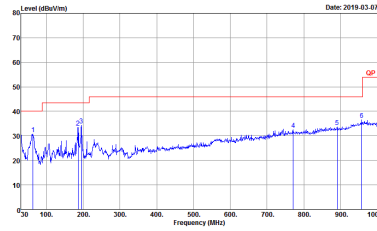
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT40 CH159 5795MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 83 Setting : 22.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 83 Setting : 22.5



Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11ac VHT80 CH155 5775MHz	
	Horizontal	Vertical
Peak Avg.	Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 84 Setting : 21	Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 84 Setting : 21

Emission below 1GHz
5GHz WIFI 802.11ac VHT80 (LF)

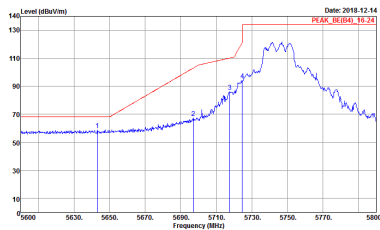
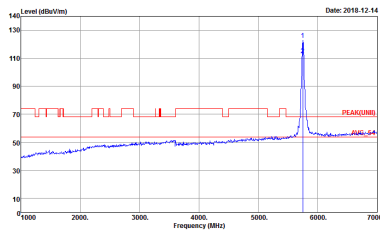
WIFI	5GHz 5725~5850MHz	
	802.11ac VHT80 LF	
	Horizontal	Vertical
QP / Peak	 Site : 03CH12-HY Condition : QP 3m 8ILO6_6111D_37059 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 400	 Site : 03CH12-HY Condition : QP 3m 8ILO6_6111D_37059 VERTICAL Detector : Peak Project : 8N0846 Mode : 400



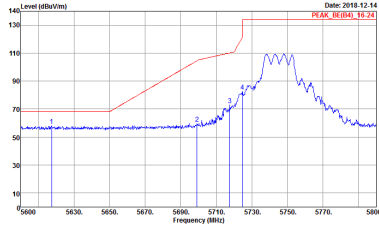
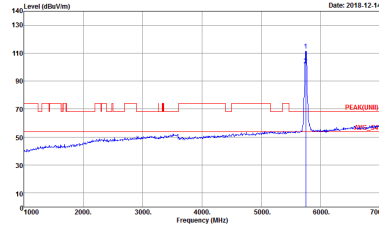
MIMO <Chain 1+2>

Band 4 - 5725~5850MHz

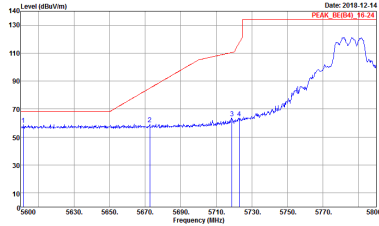
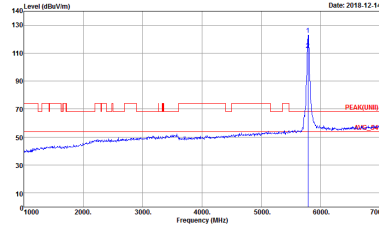
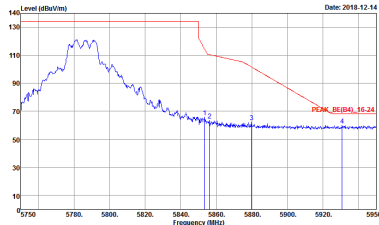
WIFI 802.11a (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH149 5745MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HV Condition : PEAK_BED@1.16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 11B Setting : 21	 Site : 03CH12-HV Condition : PEAK_FUND1 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 11B Setting : 21

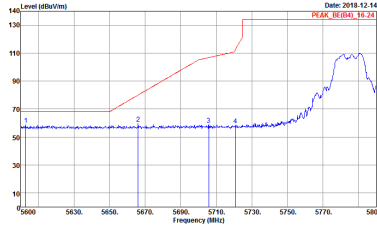
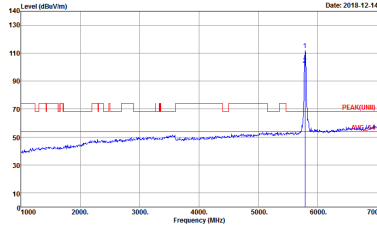
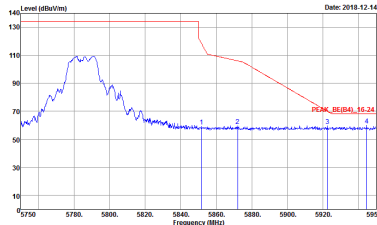


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH149 5745MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, SEC(04), 16-24 3m HORN, 9120D, 1328 VERTICAL Detector : Peak Project : BN0846 Mode : 118 Setting : 21	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN, 9120D, 1328 VERTICAL Detector : Peak Project : BN0846 Mode : 118 Setting : 21

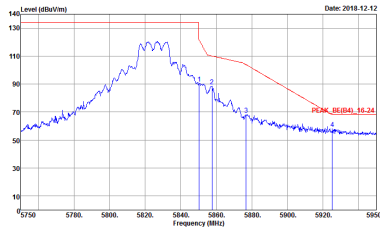
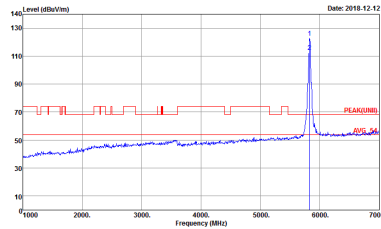


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH157 5785MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 119 Setting : 21	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 119 Setting : 21
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 119 Setting : 21	Left blank

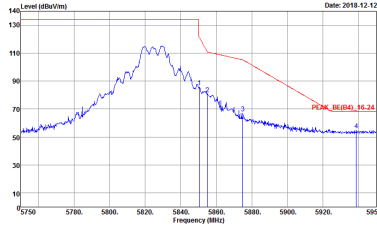
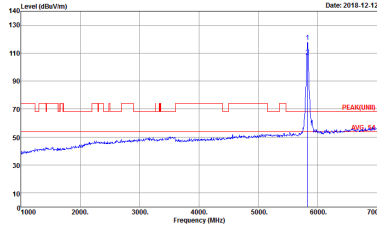


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH157 5785MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 119 Setting : 21	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 119 Setting : 21
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 119 Setting : 21	Left blank



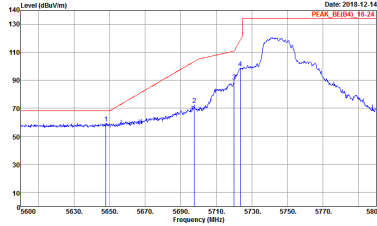
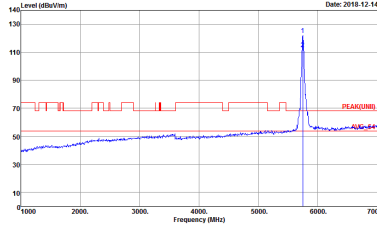
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH165 5825MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, BE(B4), 16-24 3m HORN, 9120D, 1338 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 120 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN, 9120D, 1338 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 120 Setting : 23.5



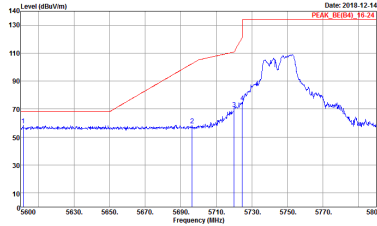
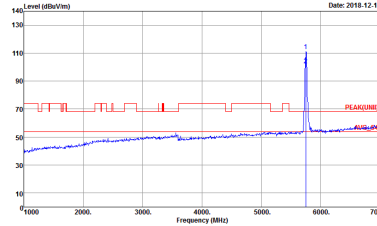
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11a CH165 5825MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, 8E(B4), 16-24 3m HORN, 9120D, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 120 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN, 9120D, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 120 Setting : 23.5



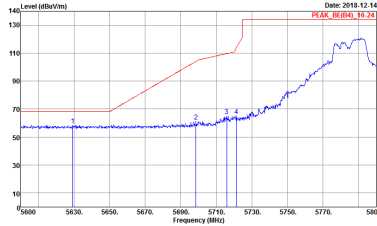
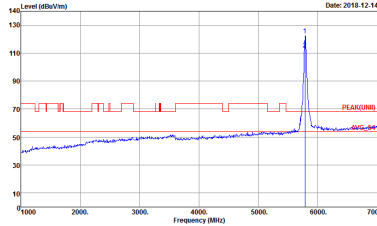
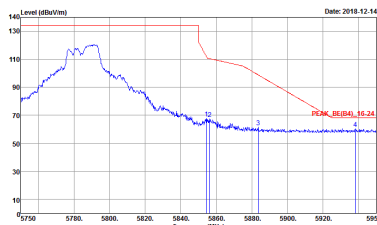
Band 4 5725~5850MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

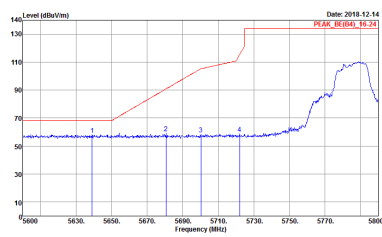
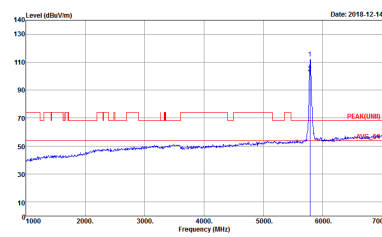
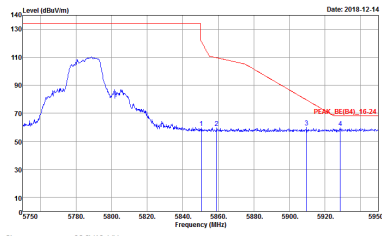
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH149 5745MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-4Y Condition : PEAK_BE(84)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 121 Setting : 21.5	 Site : 03CH12-4Y Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 121 Setting : 21.5



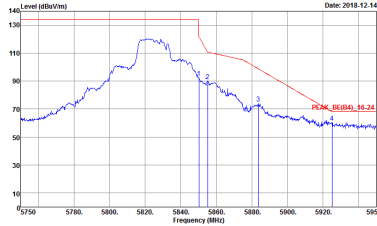
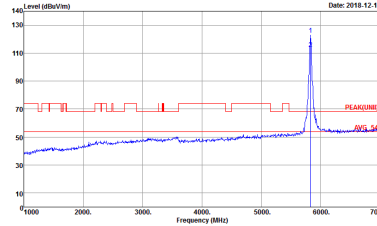
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH149 5745MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, SEC(4), 16-24 3m HORN, 9120D, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 121 Setting : 21.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN, 9120D, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 121 Setting : 21.5



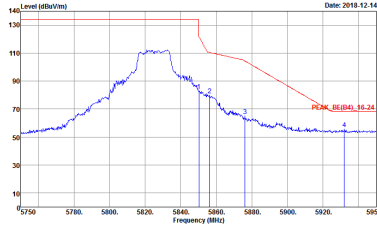
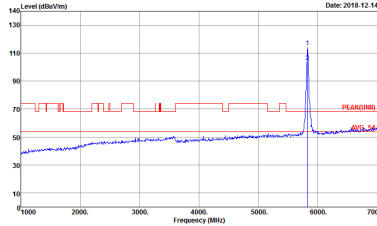
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH157 5785MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Peak : Peak Project : 8N0846 Mode : 122 Setting : 21.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Peak : Peak Project : 8N0846 Mode : 122 Setting : 21.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Peak : Peak Project : 8N0846 Mode : 122 Setting : 21.5	Left blank

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH157 5785MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 VERTICAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 122 Setting : 21.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 122 Setting : 21.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(04)_16-24 3m HORN_9120D_1328 VERTICAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 8N0846 Mode : 122 Setting : 21.5	Left blank



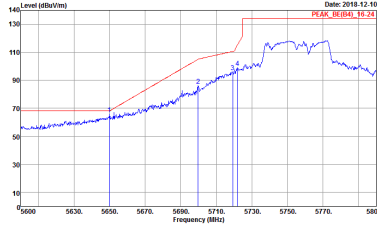
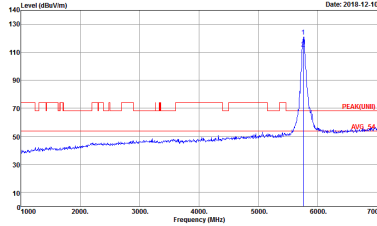
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH165 5825MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, 3E(B4), 16-24 3m HORN, 9120D, 1338 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 123 Setting : 23	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN, 9120D, 1338 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 123 Setting : 23



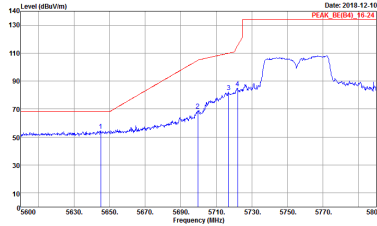
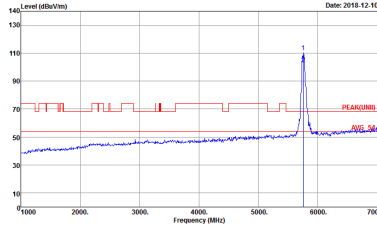
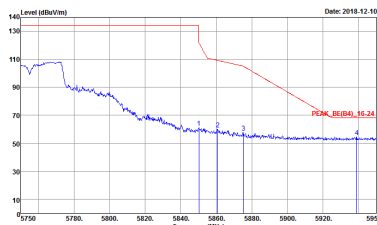
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT20 CH165 5825MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK, 8E(B4), 16-24 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 123 Setting : 23	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN, 91200, 1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 123 Setting : 23



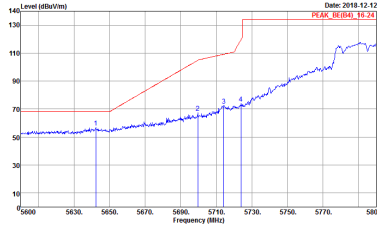
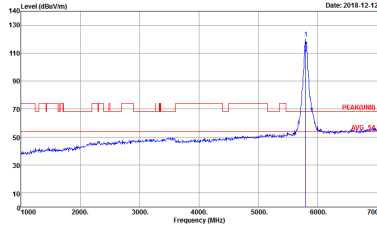
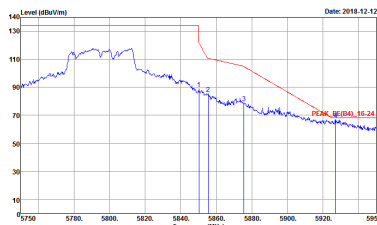
Band 4 5725~5850MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT40 CH151 5755MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 124 Setting : 22.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 124 Setting : 22.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 124 Setting : 22.5	Left blank

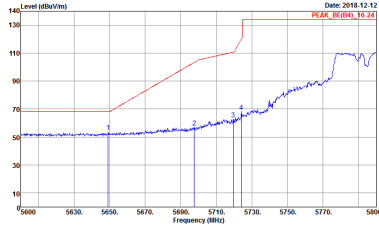
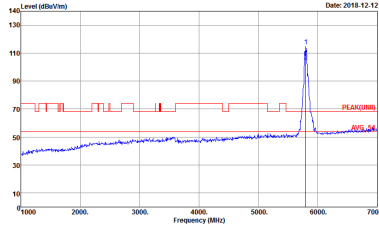
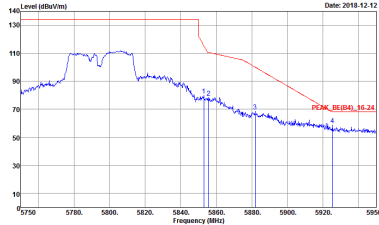


WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT40 CH151 5755MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 124 Setting : 22.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 124 Setting : 22.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 124 Setting : 22.5	Left blank



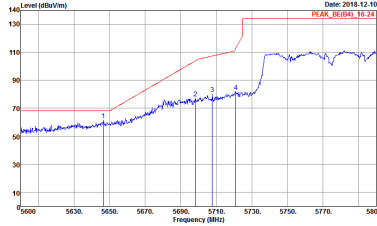
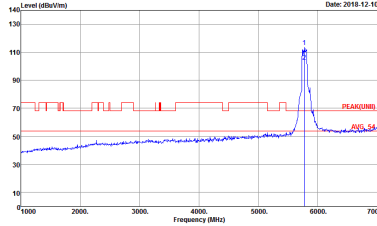
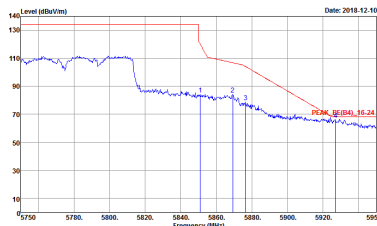
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT40 CH159 5795MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 125 Setting : 22.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 125 Setting : 22.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 125 Setting : 22.5	Left blank



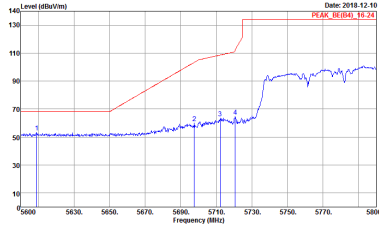
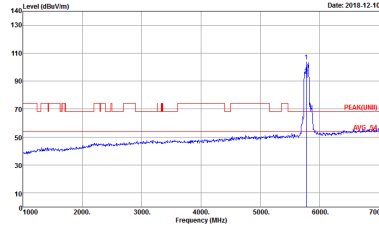
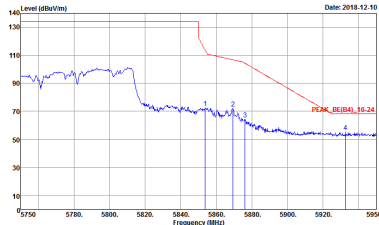
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11n HT40 CH159 5795MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 125 Setting : 22.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 125 Setting : 22.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 125 Setting : 22.5	Left blank



Band 4 5725~5850MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

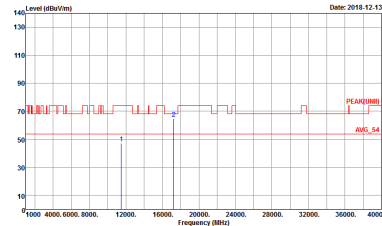
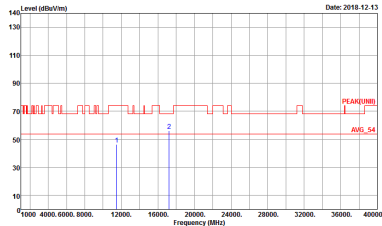
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11ac VHT80 CH155 5775MHz	
	Horizontal	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 126 Setting : 16.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 126 Setting : 16.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 126 Setting : 16.5	Left blank



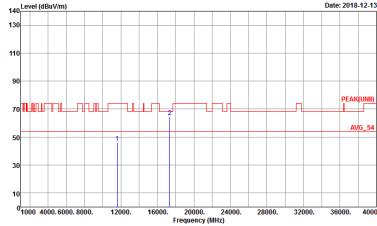
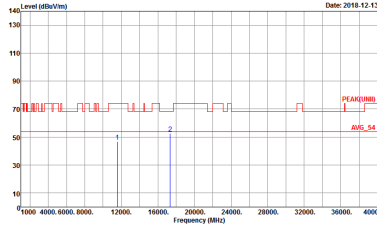
WIFI	Band 4 5725~5850MHz Band Edge @ 3m	
	802.11ac VHT80 CH155 5775MHz	
	Vertical	Fundamental
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Peak : Peak Project : 8N0846 Mode : 126 Setting : 16.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Peak : Peak Project : 8N0846 Mode : 126 Setting : 16.5
Peak	 Site : 03CH12-HY Condition : PEAK_BE(B4)_16-24 3m HORN_9120D_1328 VERTICAL Detector : RBW:3000.000kHz VBW:3000.000kHz SWT:Auto Peak : Peak Project : 8N0846 Mode : 126 Setting : 16.5	Left blank



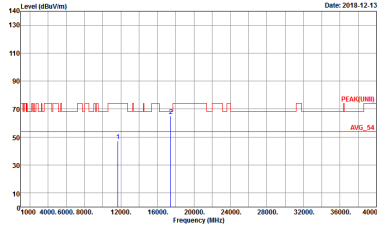
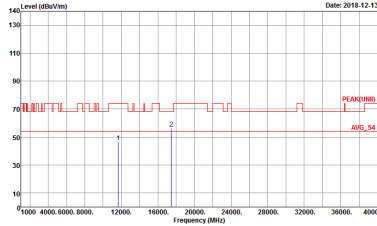
Band 4 - 5725~5850MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11a CH149 5745MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 118 Setting : 21	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 118 Setting : 21



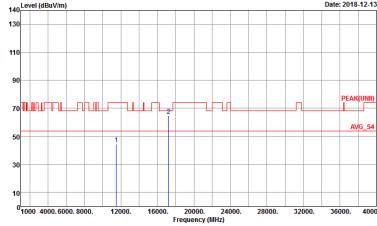
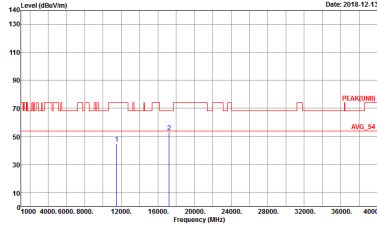
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11a CH157 5785MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 119 Setting : 21	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 119 Setting : 21



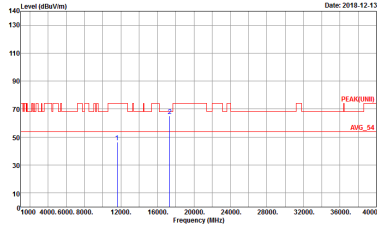
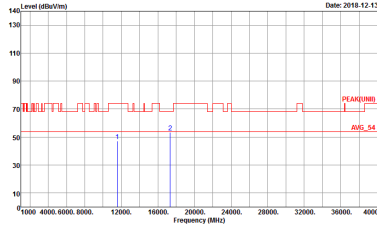
WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11a CH165 5825MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 120 Setting : 23.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 120 Setting : 23.5



Band 4 5725~5850MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT20 CH149 5745MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-11Y Condition : PEAK(UNIT) 3m HORN_91200_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 121 Setting : 21.5	 Site : 03CH12-11Y Condition : PEAK(UNIT) 3m HORN_91200_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 121 Setting : 21.5



WIFI	Band 4 5725~5850MHz Harmonic @ 3m	
	802.11n HT20 CH157 5785MHz	
	Horizontal	Vertical
Peak Avg.	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 HORIZONTAL Detector : Peak Project : 8N0846 Mode : 122 Setting : 21.5	 Site : 03CH12-HY Condition : PEAK(UNIT) 3m HORN_9120D_1328 VERTICAL Detector : Peak Project : 8N0846 Mode : 122 Setting : 21.5