



FCC RADIO TEST REPORT

FCC ID : 2AVDZCM27
Equipment : IEEE 802.11 2X2 MIMO a/b/g/n/ac
Wireless LAN + Bluetooth + NFC
NGFF Module
Brand Name : LiveU
Applicant : LiveU, Inc
2 University Plaza Drive Suite 505,
Hackensack, New Jersey
Manufacturer : LiveU Ltd.
5 Hagavish St, Kfar Saba 4442211, Israel
Standard : FCC Part 15 Subpart E §15.407

The product was received on Jan. 15, 2022 and testing was performed from Jan. 24, 2022 to Jul. 26, 2022. We, Sporton International (USA) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Approved by: Neil Kao

Sporton International (USA) Inc.
1175 Montague Expressway, Milpitas, CA 95035



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History of this test report

Report No.	Version	Description	Issue Date
FR220103001D	01	Initial issue of report	Jul. 22, 2022
FR220103001D	02	1. Revise section 3.2.8 2. Revise Appendix B and Appendix C	Aug. 02, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	15.403(i)	26dB Bandwidth	-	See Note
-	2.1049	99% Occupied Bandwidth	-	See Note
3.1	15.407(a)	Maximum Conducted Output Power	Pass	-
-	15.407(a)	Power Spectral Density	-	See Note
3.2	15.407(b)	Unwanted Emissions	Pass	0.18 dB under the limit at 5419.120 MHz
3.3	15.207	AC Conducted Emission	Pass	22.17 dB under the limit at 22.626 MHz
3.4	15.203 15.407(a)	Antenna Requirement	Pass	-

Note: The module (FCC ID: 2AVDZCM27) inside the host (Model LU800) makes no significant difference in conducted output power which is a bit lower compared to the original module report after the measurements, hence, the conducted test results can be leveraged from the original module report.

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. Please refer to the section "Uncertainty of Evaluation" for measurement uncertainty.

Comments and Explanations:

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity.

1 General Description

1.1 Product Feature of Equipment Under Test

Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n/ac, Wi-Fi 5GHz 802.11a/n/ac.

Product Feature	
Integrated the Host	Equipment Name: Live Video Transmission System Brand Name: LiveU Model Name: LU800
Sample 1	Module 0
Sample 2	Module 1
Antenna Type	WLAN: <Ant. 1>: PCB Printed Antenna Inverted F <Ant. 2>: PCB Printed Antenna Inverted F <Ant. 3>: PCB Printed Antenna Inverted F <Ant. 4>: PCB Printed Antenna Inverted F Bluetooth: <Ant. 1>: PCB Printed Antenna Inverted F <Ant. 3>: PCB Printed Antenna Inverted F

Antenna information		
5150 MHz ~ 5250 MHz	Peak Gain (dBi)	Ant. 1: 5.28 dBi Ant. 2: 4.27 dBi Ant. 3: 6.25 dBi Ant. 4: 6.23 dBi
5250 MHz ~ 5350 MHz	Peak Gain (dBi)	Ant. 1: 5.28 dBi Ant. 2: 4.27 dBi Ant. 3: 6.55 dBi Ant. 4: 6.23 dBi
5470 MHz ~ 5725 MHz	Peak Gain (dBi)	Ant. 1: 4.40 dBi Ant. 2: 4.25 dBi Ant. 3: 6.10 dBi Ant. 4: 5.58 dBi

Remark: The EUT's information above is declared by manufacturer. Please refer to Comments and Explanations in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.



1.3 Testing Location

Test Site	Sporton International (USA) Inc.		
Test Site Location	1175 Montague Expressway, Milpitas, CA 95035 TEL : 408 9043300		
Test Site No.	Sporton Site No.		
	TH01-CA	CO01-CA	03CH02-CA
Test Engineer	LilianaGonzalez	Yuan Lee	Michael Bui, Daniel Lee, Yuan Lee and Fu Chen
Temperature (°C)	15.4~25	20~22	20~25
Relative Humidity (%)	31.8~52.6	40~42	42~50

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

1.4 Applicable Standards

According to the specifications declared by 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: All the test items were validated and recorded in accordance with the standards without any modification during the testing.

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, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and find X plane as worst plane.
- b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5150-5250 MHz Band 1 (U-NII-1)	36	5180	44	5220
	38*	5190	46*	5230
	40	5200	48	5240
	42 [#]	5210		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5250-5350 MHz Band 2 (U-NII-2A)	52	5260	60	5300
	54*	5270	62*	5310
	56	5280	64	5320
	58 [#]	5290		
Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5470-5725 MHz Band 3 (U-NII-2C)	100	5500	112	5560
	102*	5510	116	5580
	104	5520	132	5660
	106 [#]	5530	134*	5670
	108	5540	136	5680
	110*	5550	140	5700

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

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

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40.
2. The above Frequency and Channel with "[#]" are 802.11ac VHT80.

2.2 Test Mode

The final test modes consider the modulation and the worst data rates as shown in the table below.

MIMO Antenna

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

Remark: The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.

Test Cases	
AC Conducted Emission	Mode 1 : WLAN (5GHz) Tx + Charging from Adapter for Sample 1 Mode 2 : WLAN (5GHz) Tx + Charging from Adapter for Sample 2

Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11a	802.11a	802.11a
L	Low	36	52	100
M	Middle	40	60	116
H	High	48	64	140

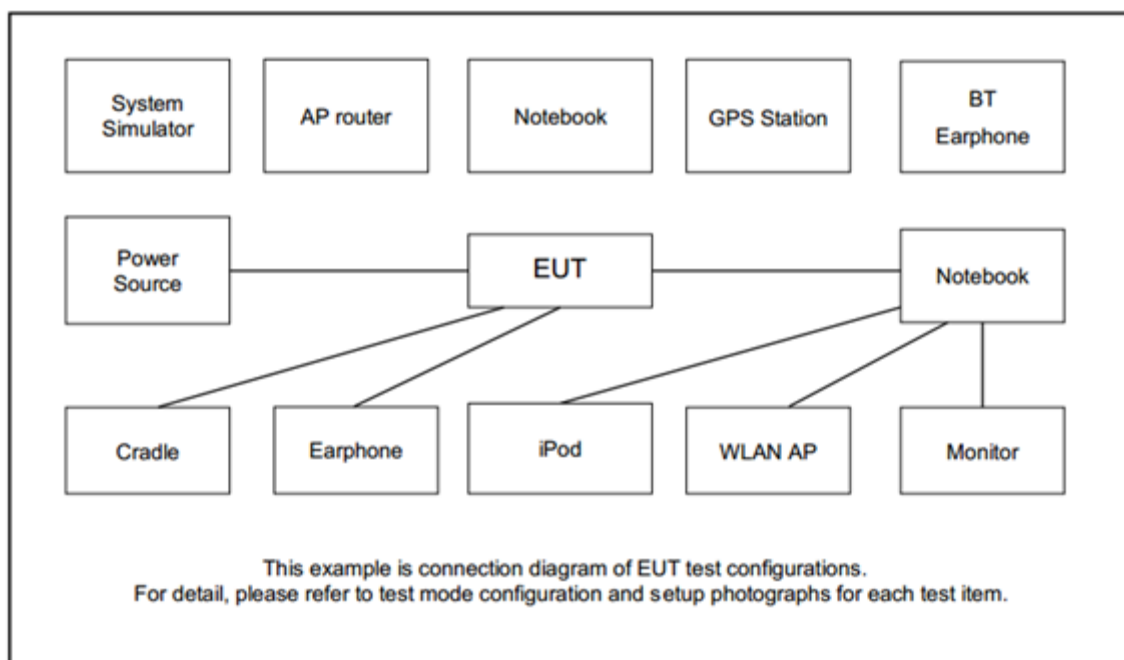
Ch. #		Band I : 5150-5250 MHz	Band II : 5250-5350 MHz	Band III : 5470-5725MHz
		802.11ac VHT20	802.11ac VHT20	802.11ac VHT20
L	Low	36	52	100
M	Middle	40	60	116
H	High	48	64	140

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

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

Remark: For radiation spurious emission, the modulation and the data rate picked for testing are determined by the Max. RF conducted power.

2.3 Connection Diagram of Test System



2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	Laptop	Acer	Altos PS548-G1	FCC DoC	N/A	AC I/P: Unshielded, 1.2 m DC O/P: Shielded, 1.8 m

2.5 EUT Operation Test Setup

The RF test items, utility "Putty 0.62" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

3 Test Result

3.1 Maximum Conducted Output Power Measurement

3.1.1 Limit of Maximum Conducted Output Power

<FCC 14-30 CFR 15.407>

For the 5.15–5.25 GHz bands:

■ For mobile and portable client devices in the 5.15–5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW. For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

For the 5.25–5.725 GHz bands:

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

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

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

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

3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

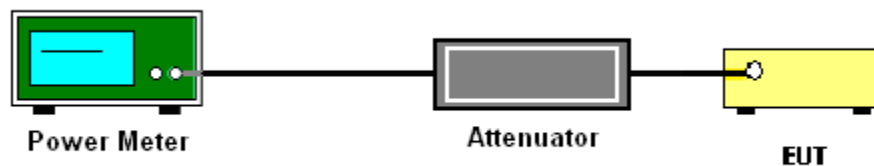
The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

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

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

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

3.1.4 Test Setup



3.1.5 Test Result of Maximum Conducted Output Power

<Sample 1>

FCC Band I MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2	
11a	6Mbps	2	36	5180	12.37	11.93	15.17	24.00		5.28		Pass
11a	6Mbps	2	40	5200	14.77	14.96	17.88	24.00		5.28		Pass
11a	6Mbps	2	48	5240	18.66	18.62	21.65	24.00		5.28		Pass
VHT20	MCS0	2	36	5180	12.53	11.75	15.17	24.00		5.28		Pass
VHT20	MCS0	2	40	5200	14.79	14.92	17.87	24.00		5.28		Pass
VHT20	MCS0	2	48	5240	17.46	17.11	20.30	24.00		5.28		Pass
VHT40	MCS0	2	38	5190	11.44	11.44	14.45	24.00		5.28		Pass
VHT40	MCS0	2	46	5230	14.22	14.70	17.48	24.00		5.28		Pass
VHT80	MCS0	2	42	5210	12.25	13.58	15.98	24.00		5.28		Pass

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	52	5260	18.54	18.60	21.58	23.98		5.28		30	Pass
11a	6Mbps	2	60	5300	15.71	15.58	18.66	23.98		5.28		30	Pass
11a	6Mbps	2	64	5320	13.68	13.34	16.52	23.98		5.28		30	Pass
VHT20	MCS0	2	52	5260	18.68	18.70	21.70	30		5.28		30	Pass
VHT20	MCS0	2	60	5300	15.82	15.76	18.80	30		5.28		30	Pass
VHT20	MCS0	2	64	5320	14.00	13.61	16.82	30		5.28		30	Pass
VHT40	MCS0	2	54	5270	16.91	16.51	19.72	30		5.28		30	Pass
VHT40	MCS0	2	62	5310	10.46	10.89	13.69	30		5.28		30	Pass
VHT80	MCS0	2	58	5290	7.05	7.61	10.35	30		5.28		30	Pass



FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	100	5500	12.65	14.18	16.49	23.98		4.40		30	Pass
11a	6Mbps	2	116	5580	17.43	16.99	20.23	23.98		4.40		30	Pass
11a	6Mbps	2	140	5700	13.78	12.14	16.05	23.98		4.40		30	Pass
VHT20	MCS0	2	100	5500	11.87	13.35	15.68	23.98		4.40		30	Pass
VHT20	MCS0	2	116	5580	18.60	17.85	21.25	23.98		4.40		30	Pass
VHT20	MCS0	2	140	5700	13.93	12.31	16.21	23.98		4.40		30	Pass
VHT40	MCS0	2	102	5510	11.64	13.16	15.48	23.98		4.40		30	Pass
VHT40	MCS0	2	110	5550	17.74	16.88	20.34	23.98		4.40		30	Pass
VHT40	MCS0	2	134	5670	14.05	12.63	16.41	23.98		4.40		30	Pass
VHT80	MCS0	2	106	5530	10.42	12.11	14.36	23.98		4.40		30	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 1	Ant 2	SUM	Ant 1	Ant 2	Ant 1	Ant 2		
11a	6Mbps	2	144	5720	13.73	12.19	16.04	23.98		4.40		30	Pass
VHT20	MCS0	2	144	5720	13.84	12.37	16.18	23.98		4.40		30	Pass
VHT40	MCS0	2	142	5710	13.77	12.43	16.16	23.98		4.40		30	Pass
VHT80	MCS0	2	138	5690	15.41	14.23	17.87	23.98		4.40		30	Pass

<Sample 2>

FCC Band I MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4	
11a	6Mbps	2	36	5180	11.30	11.67	14.50	23.75		6.25		Pass
11a	6Mbps	2	40	5200	14.67	15.12	17.91	23.75		6.25		Pass
11a	6Mbps	2	48	5240	16.33	16.96	19.67	23.75		6.25		Pass
VHT20	MCS0	2	36	5180	12.55	12.97	15.78	23.75		6.25		Pass
VHT20	MCS0	2	40	5200	14.44	14.87	17.67	23.75		6.25		Pass
VHT20	MCS0	2	48	5240	18.37	18.90	21.65	23.75		6.25		Pass
VHT40	MCS0	2	38	5190	11.43	11.81	14.63	23.75		6.25		Pass
VHT40	MCS0	2	46	5230	11.11	11.85	14.51	23.75		6.25		Pass
VHT80	MCS0	2	42	5210	8.81	9.48	12.17	23.75		6.25		Pass

FCC Band II MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	52	5260	12.49	13.31	15.93	23.73	6.25	30	Pass		
11a	6Mbps	2	60	5300	13.46	14.29	16.91	23.73	6.25	30	Pass		
11a	6Mbps	2	64	5320	12.36	13.16	15.79	23.73	6.25	30	Pass		
VHT20	MCS0	2	52	5260	15.91	16.71	19.34	23.73	6.25	30	Pass		
VHT20	MCS0	2	60	5300	16.86	17.62	20.27	23.73	6.25	30	Pass		
VHT20	MCS0	2	64	5320	11.57	12.39	15.01	23.73	6.25	30	Pass		
VHT40	MCS0	2	54	5270	14.69	15.57	18.16	23.73	6.25	30	Pass		
VHT40	MCS0	2	62	5310	11.47	12.27	14.90	23.73	6.25	30	Pass		
VHT80	MCS0	2	58	5290	8.09	9.12	11.65	23.73	6.25	30	Pass		

FCC Band III MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	100	5500	13.19	14.91	17.14	23.88		6.10		30	Pass
11a	6Mbps	2	116	5580	14.43	14.69	17.57	23.88		6.10		30	Pass
11a	6Mbps	2	140	5700	13.58	12.34	16.01	23.88		6.10		30	Pass
VHT20	MCS0	2	100	5500	11.69	11.87	14.79	23.88		6.10		30	Pass
VHT20	MCS0	2	116	5580	14.68	15.00	17.85	23.88		6.10		30	Pass
VHT20	MCS0	2	140	5700	11.77	11.87	14.83	23.88		6.10		30	Pass
VHT40	MCS0	2	102	5510	12.17	13.93	16.15	23.88		6.10		30	Pass
VHT40	MCS0	2	110	5550	13.55	13.76	16.67	23.88		6.10		30	Pass
VHT40	MCS0	2	134	5670	13.53	13.74	16.65	23.88		6.10		30	Pass
VHT80	MCS0	2	106	5530	9.06	9.41	12.25	23.88		6.10		30	Pass

FCC Band III straddle channel MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		EIRP Power Limit (dBm)	Pass/Fail
					Ant 3	Ant 4	SUM	Ant 3	Ant 4	Ant 3	Ant 4		
11a	6Mbps	2	144	5720	13.51	12.21	15.92	23.88		6.10		30	Pass
VHT20	MCS0	2	144	5720	13.57	12.34	16.01	23.88		6.10		30	Pass
VHT40	MCS0	2	142	5710	13.61	13.79	16.71	23.88		6.10		30	Pass
VHT80	MCS0	2	138	5690	9.01	9.13	12.08	23.88		6.10		30	Pass

3.2 Unwanted Emissions Measurement

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

3.2.1 Limit of Unwanted Emissions

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

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

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

- (2) Unwanted spurious emissions falls 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.

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

EIRP (dBm)	Field Strength at 3m (dB μ V/m)
- 27	68.3

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

(i) Sections 15.407(b)(1-3) specifies the unwanted emissions limit 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.

(ii) Section 15.407(b)(4) specifies the unwanted emissions limit for the U-NII-3 band. A band emissions mask is specified in Section 15.407(b)(4)(i). The emission limits are based on the use of a peak detector.

3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.2.3 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 1000 MHz

- 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

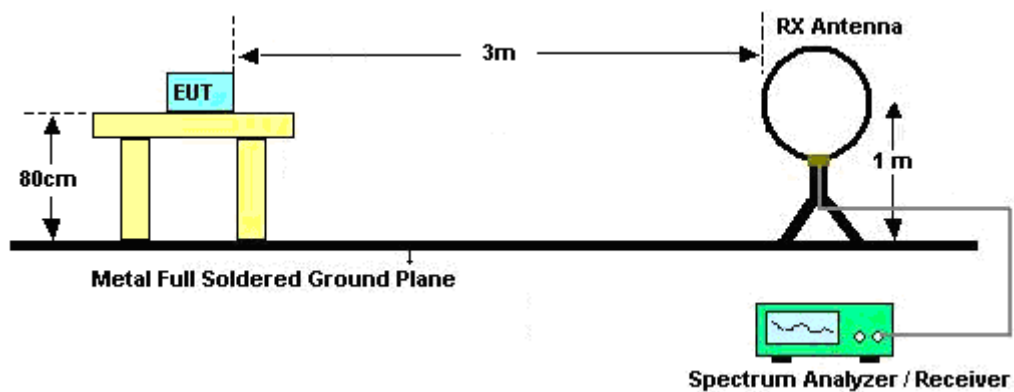
(3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

- 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.

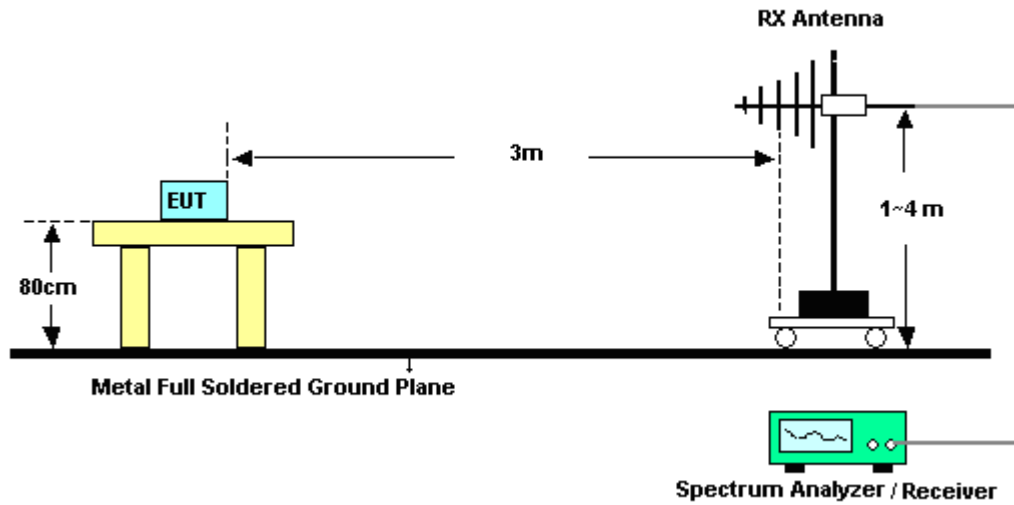
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna 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 is 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. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as “-”.
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies. When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as “-”.

3.2.4 Test Setup

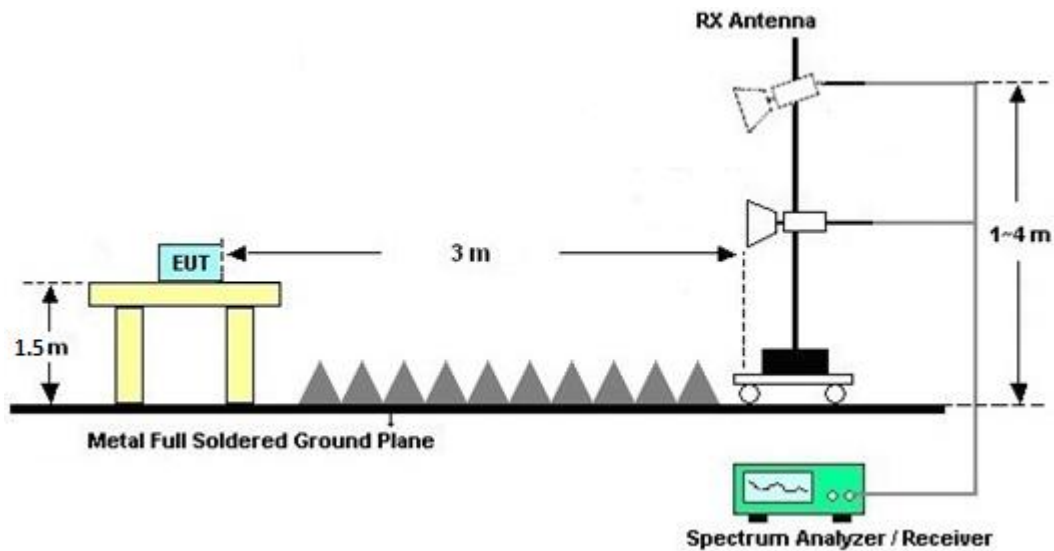
For radiated emissions below 30MHz



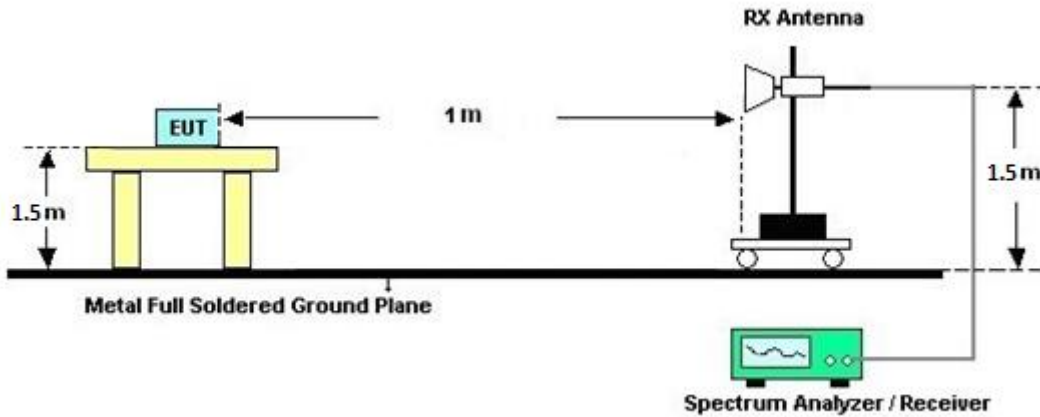
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



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

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

There is adequate comparison measurement 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.

3.2.6 Test Result of Radiated Spurious at Band Edges

Please refer to Appendix B and C.

3.2.7 Duty Cycle

Please refer to Appendix D.

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

Please refer to Appendix B and C.

Note: When the scan with peak detector exceeds the limit associated with the average detector, additional scan with average detection was performed to show compliance with the average limit. The additional scan plot of the low channel is provided for justification.

3.3 AC Conducted Emission Measurement

3.3.1 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.

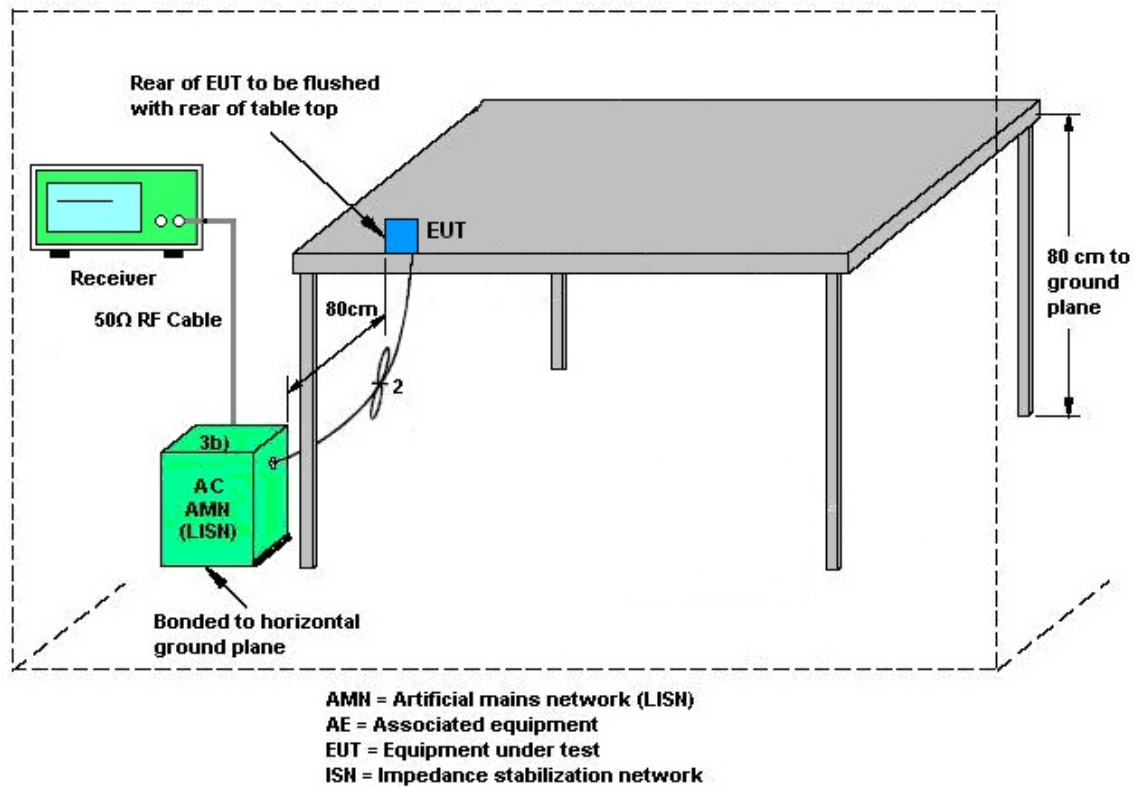
3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is 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 shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.3.4 Test Setup



3.3.5 Test Result of AC Conducted Emission

Please refer to Appendix A.

3.4 Antenna Requirements

3.4.1 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.

3.4.2 Antenna Anti-Replacement Construction

An embedded-in antenna design is used.

3.4.3 Antenna Gain

The antenna peak gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.



4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9kHz~30MHz	Jan. 07, 2022	Jan. 24, 2022~ Jul. 26, 2022	Jan. 06, 2023	Radiation (03CH02-CA)
Bilog Antenna	TESEQ	6111D	54683	30MHz~1GHz	Oct. 15, 2021	Jan. 24, 2022~ Jul. 26, 2022	Oct. 14, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9120D	01895	1GHz~18GHz	Aug. 25, 2021	Jan. 24, 2022~ Jul. 26, 2022	Aug. 24, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9170D	00842	18GHz~40GHz	Jul. 20, 2021	Jan. 24, 2022~ Jul. 18, 2022	Jul. 19, 2022	Radiation (03CH02-CA)
Horn Antenna	SCHWARZBECK	BBHA 9170D	00841	18GHz~40GHz	Aug. 26, 2021	Jul. 19, 2022~ Jul. 26, 2022	Aug. 25, 2022	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	Aug. 09, 2021	Jan. 24, 2022~ May 09, 2022	Aug. 08, 2022	Radiation (03CH02-CA)
Amplifier	SONOMA	310N	372240	N/A	May 10, 2022	May 10, 2022~ Jul. 26, 2022	May 09, 2023	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	Jul. 27, 2021	Jan. 24, 2022~ May 10, 2022	Jul. 26, 2022	Radiation (03CH02-CA)
Preamplifier	Keysight	83017A	MY53270323	1GHz~26.5GHz	May 11, 2022	May 11, 2022~ Jul. 26, 2022	May 10, 2023	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18 G-56-01-A70	EC1900251	1GHz~18GHz	Mar. 30, 2021	Jan. 24, 2022~ Mar. 28, 2022	Mar. 29, 2022	Radiation (03CH02-CA)
Preamplifier	Jet-Power	JPA0118-55-30 3	17100018000 55004	1GHz~18GHz	Jul. 21, 2021	Mar. 29, 2022~ May 09, 2022	Jul. 20, 2022	Radiation (03CH02-CA)
Preamplifier	E-instrument	ERA-100M-18 G-56-01-A70	EC1900251	1GHz~18GHz	May 10, 2022	May 10, 2022~ Jul. 26, 2022	May 09, 2023	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18GHz~40GHz	Jul. 21, 2021	Jan. 24, 2022~ May 09, 2022	Jul. 20, 2022	Radiation (03CH02-CA)
Preamplifier	EMEC	EMC18G40G	060725	18GHz~40GHz	May 10, 2022	May 10, 2022~ Jul. 26, 2022	May 09, 2023	Radiation (03CH02-CA)
RF Cable	HUBER+SUHNER	SUCOFLEX 102	8024032/2, 8024062/2, 802856/2	N/A	Jun. 23, 2021	Jan. 24, 2022~ Jun. 21, 2022	Jun. 22, 2022	Radiation (03CH02-CA)
RF Cable	HUBER+SUHNER	SUCOFLEX 102	8024032/2, 8024062/2, 802875/2	N/A	Jun. 22, 2022	Jun. 22, 2022~ Jul. 26, 2022	Jun. 21, 2023	Radiation (03CH02-CA)
Spectrum Analyzer	Keysight	N9010A	MY57420221	10Hz~44GHz	Sep. 22, 2021	Jan. 24, 2022~ Jul. 26, 2022	Sep. 21, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN8	6.75GHz High Pass Filter	Jul. 22, 2021	Jan. 24, 2022~ Jul. 20, 2022	Jul. 21, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN8	6.75GHz High Pass Filter	Jul. 21, 2022	Jul. 21, 2022~ Jul. 26, 2022	Jul. 20, 2023	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1 272-11000-40 SS	SN1	1.2GHz Low Pass Filter	Jul. 22, 2021	Jan. 24, 2022~ Jul. 20, 2022	Jul. 21, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WLK12-1200-1 272-11000-40 SS	SN1	1.2GHz Low Pass Filter	Jul. 21, 2022	Jul. 21, 2022~ Jul. 26, 2022	Jul. 20, 2023	Radiation (03CH02-CA)
Hygrometer	TESEO	608-H1	45142602	N/A	Aug. 04, 2021	Jan. 24, 2022~ Jul. 26, 2022	Aug. 03, 2022	Radiation (03CH02-CA)
Controller	ChainTek	EM-1000	060876	NA	N/A	Jan. 24, 2022~ Jul. 26, 2022	N/A	Radiation (03CH02-CA)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jan. 24, 2022~ Jul. 26, 2022	N/A	Radiation (03CH02-CA)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jan. 24, 2022~ Jul. 26, 2022	N/A	Radiation (03CH02-CA)
Software	Audix	E3	N/A	N/A	N/A	Jan. 24, 2022~ Jul. 26, 2022	N/A	Radiation (03CH02-CA)



Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
LISN	TESEQ	NNB51	47415	N/A	May 10, 2022	Jul. 13, 2022	May 09, 2023	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	SCHWARZBECK	VTSD 9561-FN	9561-F-N00412	N/A	Jul. 05, 2022	Jul. 13, 2022	Jul. 04, 2023	Conduction (CO01-CA)
EMI Test Receiver	R&S	ESR7	102177	7GHz	May 31, 2022	Jul. 13, 2022	May 30, 2023	Conduction (CO01-CA)
Software	R&S	EMC32	N/A	Version 10.30.00	N/A	Jul. 13, 2022	N/A	Conduction (CO01-CA)
Hygrometer	Testo	608-H1	45142595	N/A	Aug. 30, 2021	Jan. 24, 2022~Jul. 11, 2022	Aug. 29, 2022	Conducted (TH01-CA)
Power Sensor	EM Electronics Corporation	RPR3006W	RPR6W-1901026	10MHz-6GHz	Jul. 26, 2021	Jan. 24, 2022~Jul. 11, 2022	Jul. 25, 2022	Conducted (TH01-CA)
Switch Box & RF Cable	EM Electronics	EMSW26	1090304	N/A	Apr. 01, 2021	Jan. 24, 2022~Mar. 29, 2022	Mar. 31, 2022	Conducted (TH01-CA)
Switch Box & RF Cable	EM Electronics	EMSW26	1090304	N/A	Mar. 30, 2022	Mar. 31, 2022~Jul. 11, 2022	Mar. 29, 2023	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101089	10Hz-40GHz	Jun. 02, 2021	Jan. 24, 2022~May 31, 2022	Jun. 01, 2022	Conducted (TH01-CA)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101089	10Hz-40GHz	Jun. 01, 2022	Jun. 02, 2022~Jul. 11, 2022	May 31, 2023	Conducted (TH01-CA)

5 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	2.0 dB
---	--------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	4.70 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.20 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	6.40 dB
---	---------



Appendix A. AC Conducted Emission Test Results

EUT Information

Site:

Power:

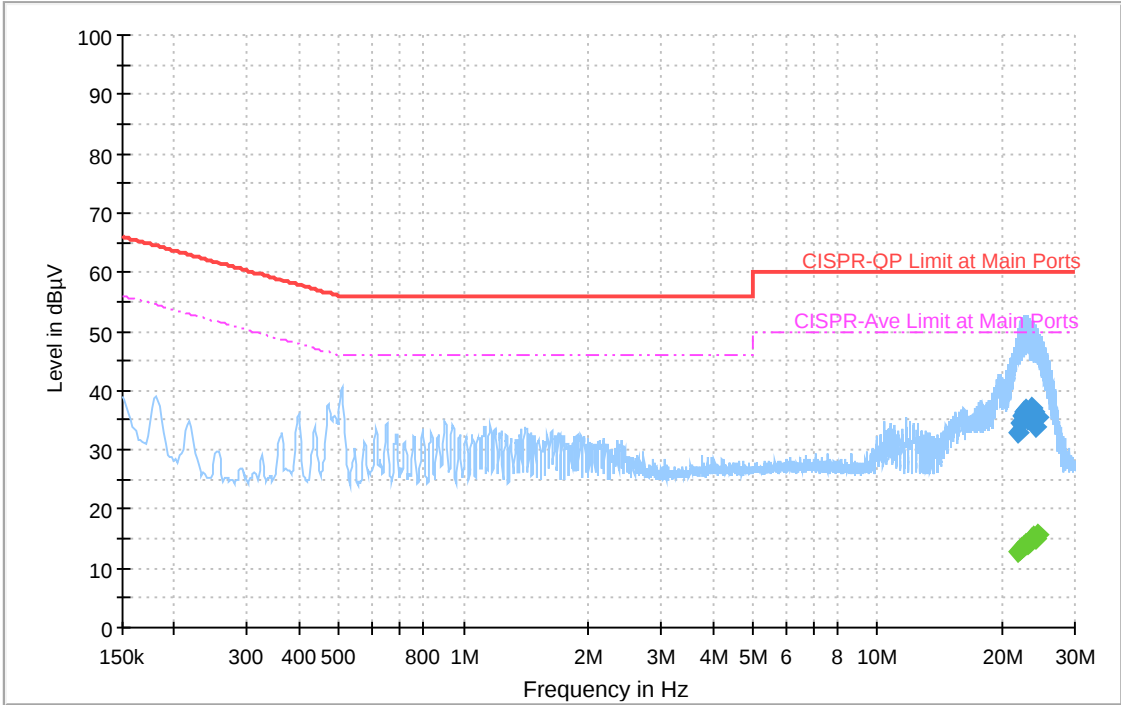
Project

CO01-CA

120Vac/60Hz

220103001

Full Spectrum



Final Result

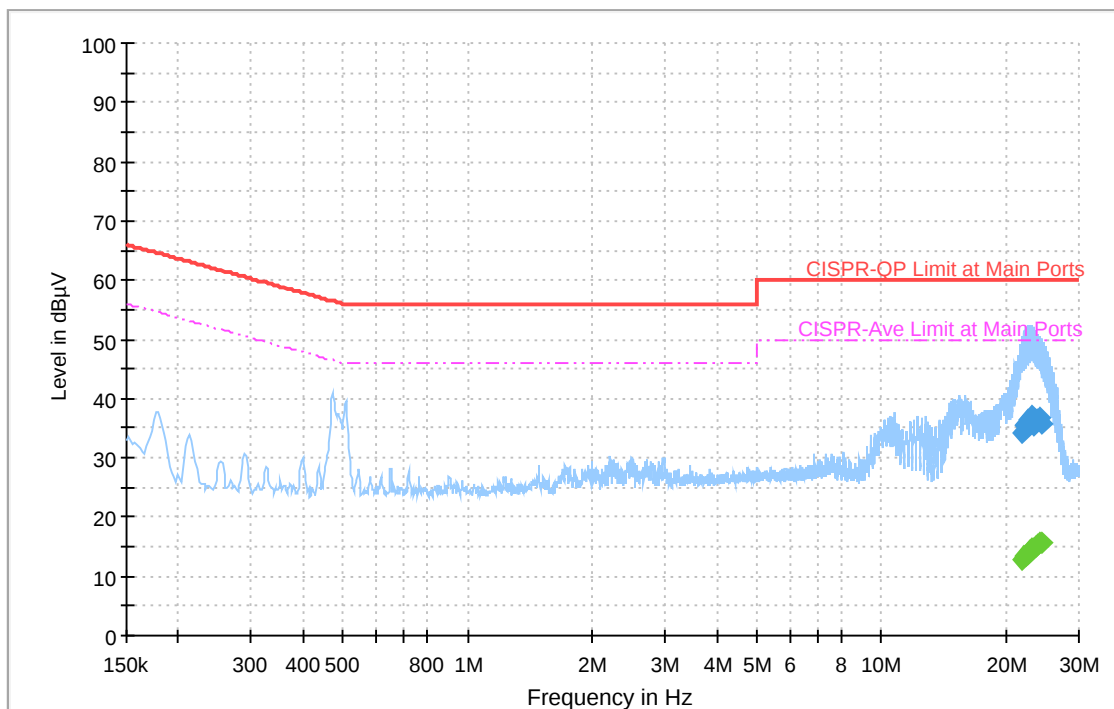
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
21.827211	32.94	---	60.00	27.06	L1	OFF	20.5
21.827211	---	12.84	50.00	37.16	L1	OFF	20.5
22.075026	34.61	---	60.00	25.39	L1	OFF	20.5
22.075026	---	12.98	50.00	37.02	L1	OFF	20.5
22.328178	35.94	---	60.00	24.06	L1	OFF	20.5
22.328178	---	13.46	50.00	36.54	L1	OFF	20.5
22.581726	36.50	---	60.00	23.50	L1	OFF	20.5
22.581726	---	13.81	50.00	36.19	L1	OFF	20.5
22.839324	36.74	---	60.00	23.26	L1	OFF	20.5
22.839324	---	14.07	50.00	35.93	L1	OFF	20.5
23.079462	35.21	---	60.00	24.79	L1	OFF	20.6
23.079462	---	14.15	50.00	35.85	L1	OFF	20.6
23.333271	35.23	---	60.00	24.77	L1	OFF	20.6
23.333271	---	14.53	50.00	35.47	L1	OFF	20.6
23.627940	37.22	---	60.00	22.78	L1	OFF	20.6
23.627940	---	15.12	50.00	34.88	L1	OFF	20.6
23.879544	36.42	---	60.00	23.58	L1	OFF	20.6
23.879544	---	15.45	50.00	34.55	L1	OFF	20.6
24.121581	33.91	---	60.00	26.09	L1	OFF	20.6
24.121581	---	14.94	50.00	35.06	L1	OFF	20.6
24.418347	35.60	---	60.00	24.40	L1	OFF	20.6
24.418347	---	15.59	50.00	34.41	L1	OFF	20.6

EUT Information

Site:
Power:
Project

CO01-CA
120Vac/60Hz
220103001

Full Spectrum



Final Result

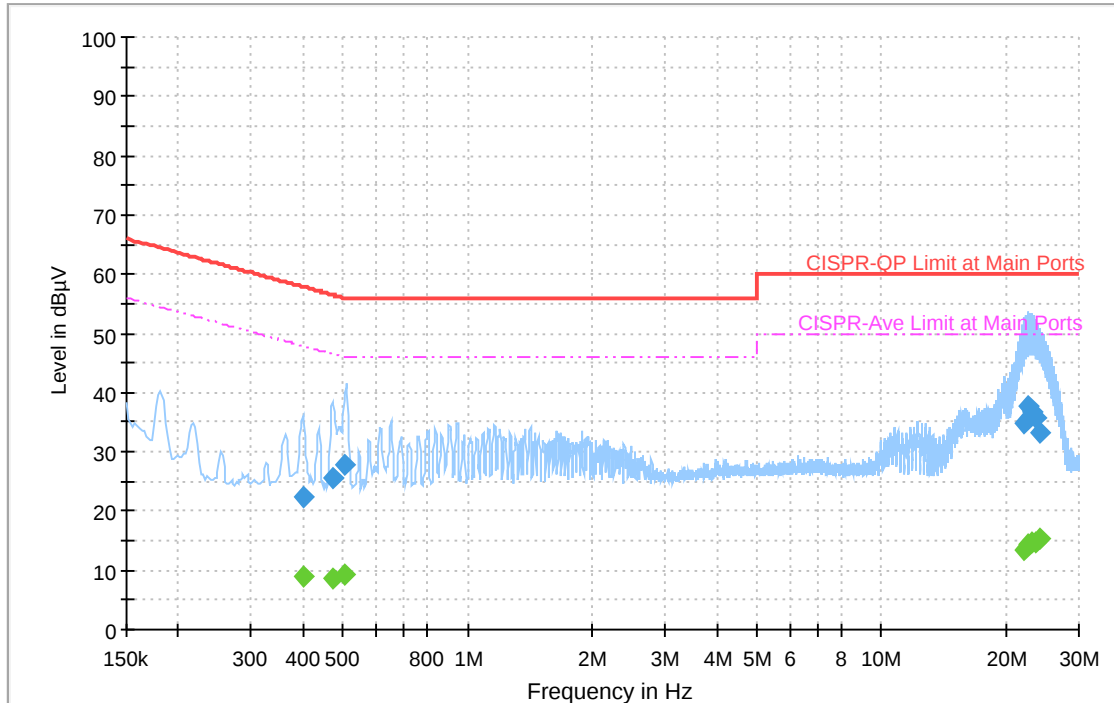
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
21.823395	34.34	---	60.00	25.66	N	OFF	20.5
21.823395	---	12.80	50.00	37.20	N	OFF	20.5
22.078374	35.50	---	60.00	24.50	N	OFF	20.5
22.078374	---	13.38	50.00	36.62	N	OFF	20.5
22.329015	35.80	---	60.00	24.20	N	OFF	20.5
22.329015	---	13.35	50.00	36.65	N	OFF	20.5
22.613352	36.38	---	60.00	23.62	N	OFF	20.5
22.613352	---	13.86	50.00	36.14	N	OFF	20.5
22.863921	36.22	---	60.00	23.78	N	OFF	20.5
22.863921	---	14.34	50.00	35.66	N	OFF	20.5
23.116326	37.18	---	60.00	22.82	N	OFF	20.5
23.116326	---	14.57	50.00	35.43	N	OFF	20.5
23.369469	35.50	---	60.00	24.50	N	OFF	20.5
23.369469	---	14.66	50.00	35.34	N	OFF	20.5
23.628588	36.30	---	60.00	23.70	N	OFF	20.5
23.628588	---	15.04	50.00	34.96	N	OFF	20.5
23.889867	36.33	---	60.00	23.67	N	OFF	20.5
23.889867	---	15.35	50.00	34.65	N	OFF	20.5
24.177813	36.59	---	60.00	23.41	N	OFF	20.5
24.177813	---	15.75	50.00	34.25	N	OFF	20.5
24.428580	35.68	---	60.00	24.32	N	OFF	20.5
24.428580	---	15.75	50.00	34.25	N	OFF	20.5

<Sample 2>

EUT Information

Site: CO01-CA
Power: 120Vac/60Hz
Project: 220103001

Full Spectrum



Final Result

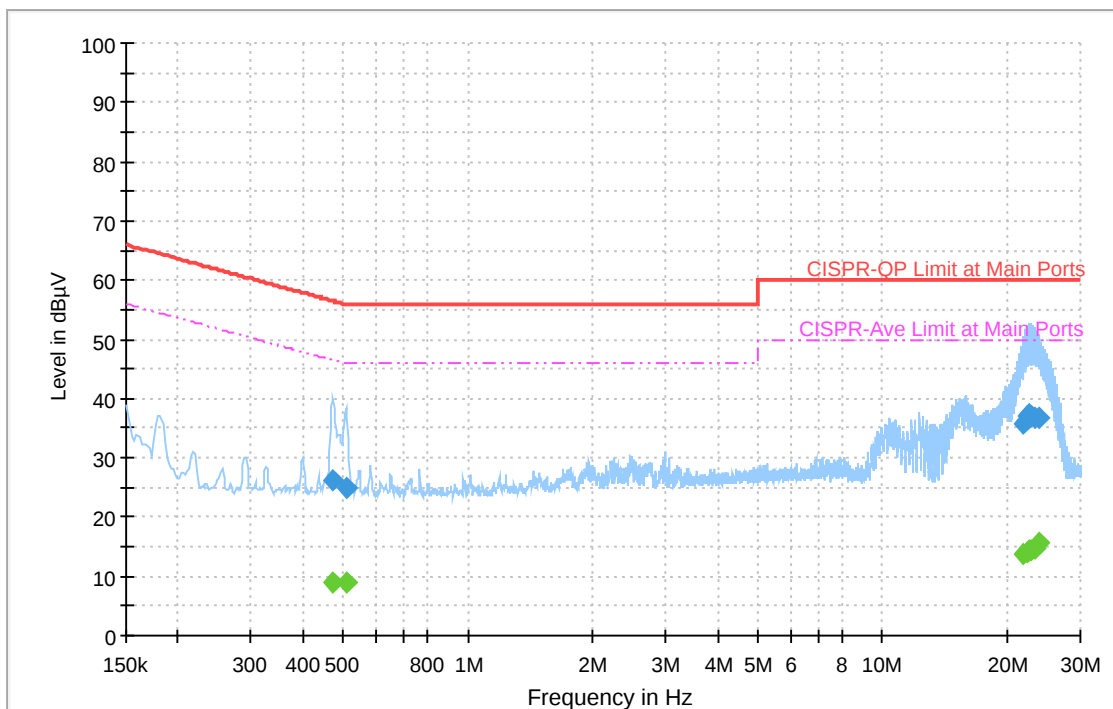
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.400065	---	8.86	47.85	38.99	L1	OFF	20.3
0.400065	22.46	---	57.85	35.39	L1	OFF	20.3
0.472353	---	8.77	46.47	37.70	L1	OFF	20.3
0.472353	25.61	---	56.47	30.86	L1	OFF	20.3
0.506688	---	9.20	46.00	36.80	L1	OFF	20.3
0.506688	27.66	---	56.00	28.34	L1	OFF	20.3
22.087581	---	13.26	50.00	36.74	L1	OFF	20.5
22.087581	34.78	---	60.00	25.22	L1	OFF	20.5
22.625835	---	14.34	50.00	35.66	L1	OFF	20.5
22.625835	37.83	---	60.00	22.17	L1	OFF	20.5
23.133741	---	14.63	50.00	35.37	L1	OFF	20.6
23.133741	36.71	---	60.00	23.29	L1	OFF	20.6
23.633115	---	14.82	50.00	35.18	L1	OFF	20.6
23.633115	35.74	---	60.00	24.26	L1	OFF	20.6
24.134991	---	15.21	50.00	34.79	L1	OFF	20.6
24.134991	33.21	---	60.00	26.79	L1	OFF	20.6

EUT Information

Site:
Power:
Project

CO01-CA
120Vac/60Hz
220103001

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
0.474315	---	9.04	46.44	37.40	N	OFF	20.3
0.474315	26.34	---	56.44	30.10	N	OFF	20.3
0.509712	---	8.83	46.00	37.17	N	OFF	20.3
0.509712	24.95	---	56.00	31.05	N	OFF	20.3
21.875721	---	13.60	50.00	36.40	N	OFF	20.5
21.875721	35.83	---	60.00	24.17	N	OFF	20.5
22.386282	---	13.91	50.00	36.09	N	OFF	20.5
22.386282	36.91	---	60.00	23.09	N	OFF	20.5
22.635834	---	14.28	50.00	35.72	N	OFF	20.5
22.635834	37.48	---	60.00	22.52	N	OFF	20.5
22.883739	---	14.34	50.00	35.66	N	OFF	20.5
22.883739	37.21	---	60.00	22.79	N	OFF	20.5
23.392185	---	14.80	50.00	35.20	N	OFF	20.5
23.392185	36.84	---	60.00	23.16	N	OFF	20.5
23.929998	---	15.56	50.00	34.44	N	OFF	20.5
23.929998	36.79	---	60.00	23.21	N	OFF	20.5



Appendix B. Radiated Spurious Emission

Test Engineer :	Michael Bui, Daniel Lee, Yuan Lee and Fu Chen	Temperature :	20~25°C
		Relative Humidity :	42~50%

<Sample 1>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		5148.46	55.47	-18.53	74	42.7	32.04	11.08	30.35	368	67	P	H
		5150	45.94	-8.06	54	33.18	32.03	11.08	30.35	368	67	A	H
		4858	55.02	-18.98	74	43.29	31.47	10.68	30.42	-	-	P	H
		4858	43.74	-10.26	54	32.01	31.47	10.68	30.42	-	-	A	H
	*	5180	101.8	-	-	89.18	31.88	11.1	30.36	368	67	P	H
	*	5180	94.08	-	-	81.46	31.88	11.1	30.36	368	67	A	H
		5446	54.4	-19.6	74	41.56	31.83	11.37	30.36	-	-	P	H
		5446	44.73	-9.27	54	31.89	31.83	11.37	30.36	-	-	A	H
		5148.46	61.71	-12.29	74	48.96	32.02	11.08	30.35	108	359	P	V
		5150	51.75	-2.25	54	39	32.02	11.08	30.35	108	359	A	V
		4882	54.86	-19.14	74	43.16	31.37	10.74	30.41	-	-	P	V
		4882	44.2	-9.8	54	32.5	31.37	10.74	30.41	-	-	A	V
	*	5180	110.23	-	-	97.61	31.88	11.1	30.36	108	359	P	V
	*	5180	102.8	-	-	90.18	31.88	11.1	30.36	108	359	A	V
		5440	55.18	-18.82	74	42.39	31.79	11.36	30.36	-	-	P	V
		5440	44.68	-9.32	54	31.89	31.79	11.36	30.36	-	-	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 40 5200MHz		5149.5	54.11	-19.89	74	41.35	32.03	11.08	30.35	400	55	P	H
		5148.2	44.59	-9.41	54	31.82	32.04	11.08	30.35	400	55	A	H
		4822	54.62	-19.38	74	42.94	31.49	10.61	30.42	-	-	P	H
		4822	43.57	-10.43	54	31.89	31.49	10.61	30.42	-	-	A	H
	*	5200	105.32	-	-	92.79	31.78	11.11	30.36	400	55	P	H
	*	5200	98.02	-	-	85.49	31.78	11.11	30.36	400	55	A	H
		5452.44	52.54	-21.46	74	39.67	31.85	11.38	30.36	400	55	P	H
		5452.16	43.98	-10.02	54	31.11	31.85	11.38	30.36	400	55	A	H
		5017.42	58.53	-15.47	74	46.06	31.85	11	30.38	128	352	P	V
		5029.9	51.47	-2.53	54	38.95	31.89	11.01	30.38	128	352	A	V
		4978	57.34	-16.66	74	45.18	31.61	10.94	30.39	-	-	P	V
		4978	44.39	-9.61	54	32.23	31.61	10.94	30.39	-	-	A	V
	*	5200	112.97	-	-	100.43	31.79	11.11	30.36	128	352	P	V
	*	5200	105.66	-	-	93.12	31.79	11.11	30.36	128	352	A	V
		5417.44	61.01	-12.99	74	48.32	31.72	11.32	30.35	128	352	P	V
		5365.92	51.19	-2.81	54	38.74	31.55	11.26	30.36	128	352	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 48 5240MHz		5140.92	55.19	-18.81	74	42.41	32.06	11.07	30.35	399	62	P	H
		5031.2	46.25	-7.75	54	33.82	31.8	11.01	30.38	399	62	A	H
		4876	54.57	-19.43	74	42.81	31.45	10.72	30.41	-	-	P	H
		4876	44.27	-9.73	54	32.51	31.45	10.72	30.41	-	-	A	H
	*	5240	108.47	-	-	96.06	31.6	11.15	30.34	399	62	P	H
	*	5240	101.2	-	-	88.79	31.6	11.15	30.34	399	62	A	H
		5351.64	53.93	-20.07	74	41.44	31.6	11.25	30.36	399	62	P	H
		5455.24	45.55	-8.45	54	32.68	31.85	11.38	30.36	399	62	A	H
		5052.52	58.39	-15.61	74	45.79	31.96	11.02	30.38	107	351	P	V
		5007.28	52.64	-1.36	54	40.22	31.81	10.99	30.38	107	351	A	V
		4858	57.38	-16.62	74	45.63	31.49	10.68	30.42	-	-	P	V
		4858	44.25	-9.75	54	32.5	31.49	10.68	30.42	-	-	A	V
	*	5240	116.54	-	-	104.08	31.65	11.15	30.34	107	351	P	V
	*	5240	109.19	-	-	96.73	31.65	11.15	30.34	107	351	A	V
		5358.08	59.14	-14.86	74	46.72	31.53	11.25	30.36	107	351	P	V
		5446.84	52.32	-1.68	54	39.5	31.81	11.37	30.36	107	351	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	57.42	-10.78	68.2	70.42	39.41	16.76	69.17	202	53	P	H
		11345	50.05	-23.95	74	60.62	39.88	17.78	68.23	-	-	P	H
		11345	38.7	-15.3	54	49.27	39.88	17.78	68.23	-	-	A	H
		14491	51.74	-22.26	74	57.44	41.94	20.34	67.98	-	-	P	H
		14491	41.98	-12.02	54	47.68	41.94	20.34	67.98	-	-	A	H
		15540	47.95	-26.05	74	57.28	38.19	20.78	68.3	-	-	P	H
		17989	59.33	-14.67	74	58.72	48.53	21.93	69.85	-	-	P	H
		17989	48.88	-5.12	54	48.27	48.53	21.93	69.85	-	-	A	H
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		7770	50.87	-17.33	68.2	67.27	36.29	14.62	67.31	112	178	P	V
		10360	57.5	-10.7	68.2	70.58	39.33	16.76	69.17	391	328	P	V
		10938	49.98	-24.02	74	60.96	40.1	17.36	68.44	-	-	P	V
		10938	38.16	-15.84	54	49.14	40.1	17.36	68.44	-	-	A	V
		14491	50.68	-23.32	74	56.37	41.95	20.34	67.98	-	-	P	V
		14491	42.08	-11.92	54	47.77	41.95	20.34	67.98	-	-	A	V
		15540	47.66	-26.34	74	56.89	38.29	20.78	68.3	-	-	P	V
		17989	58.93	-15.07	74	58.06	48.79	21.93	69.85	-	-	P	V
		17989	49.23	-4.77	54	48.36	48.79	21.93	69.85	-	-	A	V
													V
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													V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 40 5200MHz		10400	59.33	-8.87	68.2	72.13	39.51	16.81	69.12	198	53	P	H
		11466	49.56	-24.44	74	59.34	40.13	17.91	67.82	-	-	P	H
		11466	39.13	-14.87	54	48.91	40.13	17.91	67.82	-	-	A	H
		14480	51.13	-22.87	74	56.81	41.95	20.34	67.97	-	-	P	H
		14480	42.22	-11.78	54	47.9	41.95	20.34	67.97	-	-	A	H
		15600	46.78	-27.22	74	56.18	38	20.81	68.21	-	-	P	H
		18000	57.98	-16.02	74	56.93	48.82	21.95	69.72	-	-	P	H
		18000	49.36	-4.64	54	48.31	48.82	21.95	69.72	-	-	A	H
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													H
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		7803	54.5	-13.7	68.2	70.92	36.37	14.65	67.44	236	176	P	V
		10400	57.36	-10.84	68.2	70.18	39.49	16.81	69.12	209	121	A	V
		12137	49.82	-24.18	74	59.07	39.26	18.57	67.08	-	-	P	V
		12137	39.62	-14.38	54	48.87	39.26	18.57	67.08	-	-	A	V
		14480	51.19	-22.81	74	56.9	41.92	20.34	67.97	-	-	P	V
		14480	42.09	-11.91	54	47.8	41.92	20.34	67.97	-	-	A	V
		15600	47.65	-26.35	74	56.97	38.08	20.81	68.21	-	-	P	V
		17978	58.83	-15.17	74	58.34	48.54	21.93	69.98	-	-	P	V
		17978	48.85	-5.15	54	48.36	48.54	21.93	69.98	-	-	A	V
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													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	Level (dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11a CH 48 5240MHz		7858	52.29	-15.91	68.2	68.43	36.58	14.72	67.44	352	101	P	H
		10480	61.14	-7.06	68.2	73.38	39.7	16.88	68.82	201	58	P	H
		11169	49.45	-24.55	74	60.33	39.76	17.59	68.23	-	-	P	H
		11169	38.35	-15.65	54	49.23	39.76	17.59	68.23	-	-	A	H
		14490	50.59	-23.41	74	56.29	41.94	20.34	67.98	-	-	P	H
		14490	42.1	-11.9	54	47.8	41.94	20.34	67.98	-	-	A	H
		15720	47.21	-26.79	74	57.49	37.62	20.86	68.76	-	-	P	H
		18000	58	-16	74	56.95	48.82	21.95	69.72	-	-	P	H
		18000	49.46	-4.54	54	48.41	48.82	21.95	69.72	-	-	A	H
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													H
													H
		7858	58.21	-9.99	68.2	74.27	36.66	14.72	67.44	114	178	P	V
		10480	58.11	-10.09	68.2	70.41	39.64	16.88	68.82	209	120	P	V
		11004	49.17	-24.83	74	59.89	40.08	17.43	68.23	-	-	P	V
		11004	38.19	-15.81	54	48.91	40.08	17.43	68.23	-	-	A	V
		14491	51.24	-22.76	74	56.93	41.95	20.34	67.98	-	-	P	V
		14491	42.03	-11.97	54	47.72	41.95	20.34	67.98	-	-	A	V
		15720	48.02	-25.98	74	58.19	37.73	20.86	68.76	-	-	P	V
		17989	59.35	-14.65	74	58.48	48.79	21.93	69.85	-	-	P	V
		17989	49.19	-4.81	54	48.32	48.79	21.93	69.85	-	-	A	V
													V
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Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 36 5180MHz		5145.6	53.24	-20.76	74	40.47	32.04	11.08	30.35	400	81	P	H
		5150	45.1	-8.9	54	32.34	32.03	11.08	30.35	400	81	A	H
		4996	54.39	-19.61	74	42.16	31.63	10.98	30.38	-	-	P	H
		4996	45.04	-8.96	54	32.81	31.63	10.98	30.38	-	-	A	H
	*	5180	95.26	-	-	82.64	31.88	11.1	30.36	400	81	P	H
	*	5180	90.96	-	-	78.34	31.88	11.1	30.36	400	81	A	H
		5150	62.43	-11.57	74	49.68	32.02	11.08	30.35	108	359	P	V
		5146.9	50.19	-3.81	54	37.44	32.02	11.08	30.35	108	359	A	V
		4972	54.75	-19.25	74	42.65	31.56	10.93	30.39	-	-	P	V
		4972	44.65	-9.35	54	32.55	31.56	10.93	30.39	-	-	A	V
	*	5180	108.53	-	-	95.91	31.88	11.1	30.36	108	359	P	V
	*	5180	103.3	-	-	90.68	31.88	11.1	30.36	108	359	A	V
802.11ac VHT20 CH 40 5200MHz		5126.62	53.48	-20.52	74	40.68	32.09	11.07	30.36	400	56	P	H
		5120.9	44.07	-9.93	54	31.26	32.11	11.06	30.36	400	56	A	H
		4882	52.83	-21.17	74	41.05	31.45	10.74	30.41	-	-	P	H
		4882	44.18	-9.82	54	32.4	31.45	10.74	30.41	-	-	A	H
	*	5200	101.33	-	-	88.8	31.78	11.11	30.36	400	56	P	H
	*	5200	93.97	-	-	81.44	31.78	11.11	30.36	400	56	A	H
		5415.48	52.53	-21.47	74	39.8	31.76	11.32	30.35	400	56	P	H
		5448.52	44.9	-9.1	54	32.05	31.84	11.37	30.36	400	56	A	H
		5150	61.94	-12.06	74	49.19	32.02	11.08	30.35	155	355	P	V
		5008.84	50.27	-3.73	54	37.83	31.82	11	30.38	155	355	A	V
		4894	56.59	-17.41	74	44.92	31.31	10.76	30.4	-	-	P	V
		4894	44.08	-9.92	54	32.41	31.31	10.76	30.4	-	-	A	V
	*	5200	111.51	-	-	98.97	31.79	11.11	30.36	155	355	P	V
	*	5200	104.18	-	-	91.64	31.79	11.11	30.36	155	355	A	V
		5385.8	57.52	-16.48	74	44.97	31.62	11.28	30.35	155	355	P	V
		5438.16	50.73	-3.27	54	37.96	31.78	11.35	30.36	155	355	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 48 5240MHz		5102.44	53.21	-20.79	74	40.37	32.16	11.05	30.37	400	64	P	H
		5103.48	44.66	-9.34	54	31.82	32.16	11.05	30.37	400	64	A	H
		4774	53.19	-20.81	74	41.65	31.43	10.54	30.43	-	-	P	H
		4774	44.23	-9.77	54	32.69	31.43	10.54	30.43	-	-	A	H
	*	5240	105.21	-	-	92.8	31.6	11.15	30.34	400	64	P	H
	*	5240	97.91	-	-	85.5	31.6	11.15	30.34	400	64	A	H
		5453.84	52.75	-21.25	74	39.88	31.85	11.38	30.36	400	64	P	H
		5441.8	44.26	-9.74	54	31.44	31.82	11.36	30.36	400	64	A	H
		5097.5	57.91	-16.09	74	45.22	32.01	11.05	30.37	115	342	P	V
		5004.68	49.75	-4.25	54	37.34	31.8	10.99	30.38	115	342	A	V
		4912	55.75	-18.25	74	44.05	31.3	10.8	30.4	-	-	P	V
		4912	44.59	-9.41	54	32.89	31.3	10.8	30.4	-	-	A	V
	*	5240	113.1	-	-	100.64	31.65	11.15	30.34	115	342	P	V
	*	5240	105.72	-	-	93.26	31.65	11.15	30.34	115	342	A	V
		5371.52	59.05	-14.95	74	46.58	31.57	11.26	30.36	115	342	P	V
		5460	52.84	-1.16	54	39.96	31.85	11.39	30.36	115	342	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 36 5180MHz		10360	58.88	-9.32	68.2	71.88	39.41	16.76	69.17	200	53	P	H
		10839	49.21	-24.79	74	60.66	40.01	17.25	68.71	-	-	P	H
		10839	37.83	-16.17	54	49.28	40.01	17.25	68.71	-	-	A	H
		14491	51.99	-22.01	74	57.69	41.94	20.34	67.98	-	-	P	H
		14491	42.04	-11.96	54	47.74	41.94	20.34	67.98	-	-	A	H
		15540	48.67	-25.33	74	58	38.19	20.78	68.3	-	-	P	H
		17989	59.03	-14.97	74	58.42	48.53	21.93	69.85	-	-	P	H
		17989	49.11	-4.89	54	48.5	48.53	21.93	69.85	-	-	A	H
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													H
		7770	49.89	-18.31	68.2	66.29	36.29	14.62	67.31	149	181	P	V
		10360	55.69	-12.51	68.2	68.77	39.33	16.76	69.17	390	328	P	V
		12093	49.51	-24.49	74	59.04	39.22	18.53	67.28	-	-	P	V
		12093	39.26	-14.74	54	48.79	39.22	18.53	67.28	-	-	A	V
		14491	50.97	-23.03	74	56.66	41.95	20.34	67.98	-	-	P	V
		14491	42.11	-11.89	54	47.8	41.95	20.34	67.98	-	-	A	V
		15540	47.8	-26.2	74	57.03	38.29	20.78	68.3	-	-	P	V
		17989	59.14	-14.86	74	58.27	48.79	21.93	69.85	-	-	P	V
		17989	49.21	-4.79	54	48.34	48.79	21.93	69.85	-	-	A	V
													V
													V
													V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 40 5240MHz		10400	59.34	-8.86	68.2	72.14	39.51	16.81	69.12	200	52	P	H
		12126	49.1	-24.9	74	58.38	39.29	18.56	67.13	-	-	P	H
		12126	39.48	-14.52	54	48.76	39.29	18.56	67.13	-	-	A	H
		14491	52.25	-21.75	74	57.95	41.94	20.34	67.98	-	-	P	H
		14491	42.14	-11.86	54	47.84	41.94	20.34	67.98	-	-	A	H
		15600	47.74	-26.26	74	57.14	38	20.81	68.21	-	-	P	H
		17989	59.25	-14.75	74	58.64	48.53	21.93	69.85	-	-	P	H
		17989	49.11	-4.89	54	48.5	48.53	21.93	69.85	-	-	A	H
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		7803	54.53	-13.67	68.2	70.95	36.37	14.65	67.44	188	174	P	V
		10400	56.23	-11.97	68.2	69.05	39.49	16.81	69.12	199	176	P	V
		12192	49.64	-24.36	74	58.8	39.27	18.61	67.04	-	-	P	V
		12192	39.84	-14.16	54	49	39.27	18.61	67.04	-	-	A	V
		14491	50.93	-23.07	74	56.62	41.95	20.34	67.98	-	-	P	V
		14491	42.12	-11.88	54	47.81	41.95	20.34	67.98	-	-	A	V
		15600	48.39	-25.61	74	57.71	38.08	20.81	68.21	-	-	P	V
		18000	59.49	-14.51	74	58.22	49.04	21.95	69.72	-	-	P	V
		18000	49.88	-4.12	54	48.61	49.04	21.95	69.72	-	-	A	V
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[illegible]



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 38 5190MHz		5131.04	54.92	-19.08	74	42.13	32.08	11.07	30.36	400	75	P	H
		5146.38	47.89	-6.11	54	35.12	32.04	11.08	30.35	400	75	A	H
		4900	53.76	-20.24	74	41.96	31.43	10.77	30.4	-	-	P	H
		4900	44.31	-9.69	54	32.51	31.43	10.77	30.4	-	-	A	H
	*	5190	94.78	-	-	82.21	31.83	11.1	30.36	400	75	P	H
	*	5190	89.49	-	-	76.92	31.83	11.1	30.36	400	75	A	H
		5417.72	51.85	-22.15	74	39.12	31.76	11.32	30.35	400	75	P	H
		5453	43.67	-10.33	54	30.8	31.85	11.38	30.36	400	75	A	H
		5145.86	61.62	-12.38	74	48.87	32.02	11.08	30.35	146	357	P	V
		5146.38	53.28	-0.72	54	40.53	32.02	11.08	30.35	146	357	A	V
		4792	55.3	-18.7	74	43.66	31.51	10.55	30.42	-	-	P	V
		4792	44.39	-9.61	54	32.75	31.51	10.55	30.42	-	-	A	V
	*	5190	105.72	-	-	93.15	31.83	11.1	30.36	146	357	P	V
	*	5190	99.78	-	-	87.21	31.83	11.1	30.36	146	357	A	V
		5459.72	54.05	-19.95	74	41.17	31.85	11.39	30.36	146	357	P	V
		5392.8	51.77	-2.23	54	39.2	31.64	11.28	30.35	146	357	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 46 5230MHz		5134.42	53.1	-20.9	74	40.32	32.07	11.07	30.36	300	307	P	H
		5001.82	45.7	-8.3	54	33.44	31.65	10.99	30.38	300	307	A	H
		4738	56.5	-17.5	74	45.1	31.32	10.52	30.44	-	-	P	H
		4738	44.59	-9.41	54	33.19	31.32	10.52	30.44	-	-	A	H
	*	5230	97.45	-	-	85.01	31.65	11.14	30.35	300	307	P	H
	*	5230	91.54	-	-	79.1	31.65	11.14	30.35	300	307	A	H
		5446.56	53.58	-20.42	74	40.73	31.84	11.37	30.36	300	307	P	H
		5456.64	44.49	-9.51	54	31.61	31.86	11.38	30.36	300	307	A	H
		5135.2	60.83	-13.17	74	48.1	32.02	11.07	30.36	116	2	P	V
		5011.7	52.49	-1.51	54	40.04	31.83	11	30.38	116	2	A	V
		4972	54.66	-19.34	74	42.56	31.56	10.93	30.39	-	-	P	V
		4972	44.95	-9.05	54	32.85	31.56	10.93	30.39	-	-	A	V
	*	5230	108.08	-	-	95.61	31.68	11.14	30.35	116	2	P	V
	*	5230	101.93	-	-	89.46	31.68	11.14	30.35	116	2	A	V
		5404.56	58.1	-15.9	74	45.47	31.68	11.3	30.35	116	2	P	V
		5447.68	53.37	-0.63	54	40.55	31.81	11.37	30.36	116	2	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 38 5190MHz		10380	53.78	-14.42	68.2	66.68	39.46	16.78	69.14	203	52	P	H
		10380	40.46	-13.54	54	53.36	39.46	16.78	69.14	203	52	A	H
		11554	49.46	-24.54	74	59.04	40.06	18	67.64	-	-	P	H
		11554	39.6	-14.4	54	49.18	40.06	18	67.64	-	-	A	H
		14491	51	-23	74	56.7	41.94	20.34	67.98	-	-	P	H
		14491	42.17	-11.83	54	47.87	41.94	20.34	67.98	-	-	A	H
		15570	46.76	-27.24	74	56.12	38.08	20.79	68.23	-	-	P	H
		17989	58.7	-15.3	74	58.09	48.53	21.93	69.85	-	-	P	H
		17989	49.11	-4.89	54	48.5	48.53	21.93	69.85	-	-	A	H
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													H
													H
		7781	48.63	-19.57	68.2	65.05	36.31	14.63	67.36	107	178	P	V
		7781	37.77	-16.23	54	54.19	36.31	14.63	67.36	107	178	A	V
		10380	52.13	-16.07	68.2	65.08	39.41	16.78	69.14	389	327	P	V
		10380	39.5	-14.5	54	52.45	39.41	16.78	69.14	389	327	A	V
		11400	49.19	-24.81	74	59.5	39.92	17.83	68.06	-	-	P	V
		11400	38.85	-15.15	54	49.16	39.92	17.83	68.06	-	-	A	V
		14491	50.81	-23.19	74	56.5	41.95	20.34	67.98	-	-	P	V
		14491	42.18	-11.82	54	47.87	41.95	20.34	67.98	-	-	A	V
		15570	47.77	-26.23	74	57.03	38.18	20.79	68.23	-	-	P	V
		17989	59.2	-14.8	74	58.33	48.79	21.93	69.85	-	-	P	V
		17989	49.5	-4.5	54	48.63	48.79	21.93	69.85	-	-	A	V
													V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 46 5230MHz		10460	55.1	-13.1	68.2	67.5	39.65	16.86	68.91	199	51	P	H
		11543	49.14	-24.86	74	58.73	40.08	17.99	67.66	-	-	P	H
		11543	39.18	-14.82	54	48.77	40.08	17.99	67.66	-	-	A	H
		14480	51.61	-22.39	74	57.29	41.95	20.34	67.97	-	-	P	H
		14480	42.16	-11.84	54	47.84	41.95	20.34	67.97	-	-	A	H
		15690	46.85	-27.15	74	56.96	37.7	20.85	68.66	-	-	P	H
		18000	58.58	-15.42	74	57.53	48.82	21.95	69.72	-	-	P	H
		18000	49.56	-4.44	54	48.51	48.82	21.95	69.72	-	-	A	H
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		7858	53.7	-14.5	68.2	69.76	36.66	14.72	67.44	218	178	P	V
		7858	44.74	-9.26	54	60.8	36.66	14.72	67.44	218	178	A	V
		10460	50.81	-17.39	68.2	63.25	39.61	16.86	68.91	200	177	P	V
		11510	49.51	-24.49	74	59.18	40.08	17.95	67.7	-	-	P	V
		11510	39.02	-14.98	54	48.69	40.08	17.95	67.7	-	-	A	V
		14491	51.14	-22.86	74	56.83	41.95	20.34	67.98	-	-	P	V
		14491	42.09	-11.91	54	47.78	41.95	20.34	67.98	-	-	A	V
		15690	48.51	-25.49	74	58.52	37.8	20.85	68.66	-	-	P	V
		17989	59.56	-14.44	74	58.69	48.79	21.93	69.85	-	-	P	V
		17989	49.29	-4.71	54	48.42	48.79	21.93	69.85	-	-	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5133.9	52.88	-21.12	74	39.8	32.08	11.07	30.07	400	233	P	H
		5147.68	46.5	-7.5	54	33.45	32.04	11.08	30.07	400	233	A	H
		4888	54.5	-19.5	74	42.42	31.44	10.75	30.11	-	-	P	H
		4888	44.52	-9.48	54	32.44	31.44	10.75	30.11	-	-	A	H
	*	5210	92.73	-	-	79.94	31.74	11.12	30.07	400	233	P	H
	*	5210	85.73	-	-	72.94	31.74	11.12	30.07	400	233	A	H
		5432.56	52.67	-21.33	74	39.61	31.8	11.34	30.08	400	233	P	H
		5428.36	44.9	-9.1	54	31.85	31.79	11.34	30.08	400	233	A	H
		5148.2	58.8	-15.2	74	45.77	32.02	11.08	30.07	100	189	P	V
		5147.94	53.64	-0.36	54	40.61	32.02	11.08	30.07	100	189	A	V
		4870	54.37	-19.63	74	42.35	31.43	10.71	30.12	-	-	P	V
		4870	44.41	-9.59	54	32.39	31.43	10.71	30.12	-	-	A	V
	*	5210	101.63	-	-	88.83	31.75	11.12	30.07	100	189	P	V
	*	5210	94.25	-	-	81.45	31.75	11.12	30.07	100	189	A	V
		5422.76	54.92	-19.08	74	41.92	31.74	11.33	30.07	100	189	P	V
		5353.6	47.52	-6.48	54	34.83	31.51	11.25	30.07	100	189	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

[illegible]

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

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5044.88	54.2	-19.8	74	41.69	31.87	11.02	30.38	396	63	P	H
		5139.4	45.46	-8.54	54	32.68	32.06	11.07	30.35	396	63	A	H
		4888	54.41	-19.59	74	42.62	31.44	10.75	30.4	-	-	P	H
		4888	43.99	-10.01	54	32.2	31.44	10.75	30.4	-	-	A	H
	*	5260	106.59	-	-	94.23	31.54	11.16	30.34	396	63	P	H
	*	5260	99.16	-	-	86.8	31.54	11.16	30.34	396	63	A	H
		5441.52	53.71	-20.29	74	40.89	31.82	11.36	30.36	396	63	P	H
		5459.04	45.22	-8.78	54	32.33	31.86	11.39	30.36	396	63	A	H
		5111.52	56.84	-17.16	74	44.13	32.02	11.06	30.37	100	346	P	V
		5066.98	51.37	-2.63	54	38.74	31.98	11.03	30.38	100	346	A	V
		4984	57.26	-16.74	74	45.03	31.66	10.96	30.39	-	-	P	V
		4984	46.35	-7.65	54	34.12	31.66	10.96	30.39	-	-	A	V
	*	5260	116.34	-	-	103.95	31.57	11.16	30.34	100	346	P	V
	*	5260	108.9	-	-	96.51	31.57	11.16	30.34	100	346	A	V
		5357.28	62.51	-11.49	74	50.1	31.52	11.25	30.36	100	346	P	V
		5396.16	53.21	-0.79	54	40.62	31.65	11.29	30.35	100	346	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 60 5300MHz		5084.66	53	-21	74	40.25	32.08	11.04	30.37	400	51	P	H
		5119	44.32	-9.68	54	31.5	32.12	11.06	30.36	400	51	A	H
		4798	55.04	-18.96	74	43.4	31.5	10.56	30.42	-	-	P	H
		4798	44	-10	54	32.36	31.5	10.56	30.42	-	-	A	H
	*	5300	103.52	-	-	91.19	31.47	11.2	30.34	400	51	P	H
	*	5300	95.78	-	-	83.45	31.47	11.2	30.34	400	51	A	H
		5350.32	55.35	-18.65	74	42.86	31.6	11.25	30.36	400	51	P	H
		5446.8	45.47	-8.53	54	32.62	31.84	11.37	30.36	400	51	A	H
		5127.16	54.89	-19.11	74	42.16	32.02	11.07	30.36	111	346	P	V
		5036.04	51.14	-2.86	54	38.6	31.91	11.01	30.38	111	346	A	V
		4876	57.25	-16.75	74	45.54	31.4	10.72	30.41	-	-	P	V
		4876	45.52	-8.48	54	33.81	31.4	10.72	30.41	-	-	A	V
	*	5300	113.46	-	-	101.21	31.39	11.2	30.34	111	346	P	V
	*	5300	105.81	-	-	93.56	31.39	11.2	30.34	111	346	A	V
		5350.8	63.48	-10.52	74	51.09	31.5	11.25	30.36	111	346	P	V
		5351.28	51.28	-2.72	54	38.89	31.5	11.25	30.36	111	346	A	V
802.11a CH 64 5320MHz		5116	54.77	-19.23	74	41.67	32.12	11.06	30.08	-	-	P	H
		5116	46.8	-7.2	54	33.7	32.12	11.06	30.08	-	-	A	H
	*	5320	99.16	-	-	86.5	31.52	11.22	30.08	300	137	P	H
	*	5320	93.32	-	-	80.66	31.52	11.22	30.08	300	137	A	H
		5352	52.86	-21.14	74	40.07	31.61	11.25	30.07	300	137	P	H
		5419.2	44.42	-9.58	54	31.4	31.77	11.32	30.07	300	137	A	H
		4996	54.85	-19.15	74	42.2	31.76	10.98	30.09	-	-	P	V
		4996	45.24	-8.76	54	32.59	31.76	10.98	30.09	-	-	A	V
	*	5320	109.92	-	-	97.35	31.43	11.22	30.08	100	198	P	V
	*	5320	103.4	-	-	90.83	31.43	11.22	30.08	100	198	A	V
		5355.36	60.78	-13.22	74	48.08	31.52	11.25	30.07	100	198	P	V
		5350.08	53.2	-0.8	54	40.52	31.5	11.25	30.07	100	198	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		7011	51.31	-16.89	68.2	68.6	35.32	14.03	66.64	400	108	P	H
		7891	53.69	-14.51	68.2	69.6	36.71	14.76	67.38	293	103	P	H
		10520	60.78	-7.42	68.2	72.76	39.74	16.93	68.65	200	52	P	H
		11290	49.29	-24.71	74	60.13	39.75	17.72	68.31	-	-	P	H
		11290	38.26	-15.74	54	49.1	39.75	17.72	68.31	-	-	A	H
		14491	51.38	-22.62	74	57.08	41.94	20.34	67.98	-	-	P	H
		14491	42	-12	54	47.7	41.94	20.34	67.98	-	-	A	H
		15780	47.53	-26.47	74	57.92	37.48	20.88	68.75	-	-	P	H
		18000	58.01	-15.99	74	56.96	48.82	21.95	69.72	-	-	P	H
		18000	49.56	-4.44	54	48.51	48.82	21.95	69.72	-	-	A	H
													H
													H
		7011	55.5	-12.7	68.2	72.83	35.28	14.03	66.64	100	167	P	V
		7891	60.37	-7.83	68.2	76.21	36.78	14.76	67.38	100	180	P	V
		10520	57.18	-11.02	68.2	69.23	39.67	16.93	68.65	399	325	P	V
		11587	49.37	-24.63	74	58.95	39.98	18.03	67.59	-	-	P	V
		11587	39.31	-14.69	54	48.89	39.98	18.03	67.59	-	-	A	V
		14491	50.52	-23.48	74	56.21	41.95	20.34	67.98	-	-	P	V
		14491	42.11	-11.89	54	47.8	41.95	20.34	67.98	-	-	A	V
		15780	47.31	-26.69	74	57.56	37.62	20.88	68.75	-	-	P	V
		17989	59.58	-14.42	74	58.71	48.79	21.93	69.85	-	-	P	V
		17989	49.19	-4.81	54	48.32	48.79	21.93	69.85	-	-	A	V
													V
													V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
i802.11a CH 60 5300MHz		7946	51.07	-17.13	68.2	66.52	36.96	14.66	67.07	-	-	P	H
		10600	57.3	-16.7	74	69.37	39.68	16.61	68.36	202	55	P	H
		10600	48.19	-5.81	54	60.26	39.68	16.61	68.36	202	55	A	H
		14491	51.17	-22.83	74	57.23	41.94	19.74	67.74	-	-	P	H
		14491	41.85	-12.15	54	47.91	41.94	19.74	67.74	-	-	A	H
		15900	45.87	-28.13	74	56.3	37.37	20.59	68.39	-	-	P	H
		18000	59.22	-14.78	74	57.34	48.82	22.48	69.42	-	-	P	H
		18000	49.07	-4.93	54	47.19	48.82	22.48	69.42	-	-	A	H
													H
													H
													H
													H
		7066	51.72	-16.48	68.2	68.28	35.67	13.95	66.18	-	-	P	V
		7957	53.57	-14.63	68.2	68.92	37.04	14.67	67.06	-	-	P	V
		10600	52.58	-21.42	74	64.66	39.67	16.61	68.36	207	120	P	V
		10600	43.41	-10.59	54	55.49	39.67	16.61	68.36	207	120	A	V
		14491	50.84	-23.16	74	56.89	41.95	19.74	67.74	-	-	P	V
		14491	40.12	-13.88	54	46.17	41.95	19.74	67.74	-	-	A	V
		15900	46.21	-27.79	74	56.57	37.44	20.59	68.39	-	-	P	V
		18000	59.56	-14.44	74	57.46	49.04	22.48	69.42	-	-	P	V
		18000	49.75	-4.25	54	47.65	49.04	22.48	69.42	-	-	A	V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2						(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 64 5320MHz		7088	49.35	-18.85	68.2	65.54	35.82	13.95	65.96	-	-	P	H
		10640	55.22	-18.78	74	67.26	39.68	16.65	68.37	198	52	P	H
		10640	45.1	-8.9	54	57.14	39.68	16.65	68.37	198	52	A	H
		14491	50.55	-23.45	74	56.61	41.94	19.74	67.74	-	-	P	H
		14491	40.25	-13.75	54	46.31	41.94	19.74	67.74	-	-	A	H
		15960	47.39	-26.61	74	57.62	37.33	20.63	68.19	-	-	P	H
		18000	60.42	-13.58	74	58.54	48.82	22.48	69.42	-	-	P	H
		18000	50.6	-3.4	54	48.72	48.82	22.48	69.42	-	-	A	H
													H
													H
													H
													H
		7088	56.87	-11.33	68.2	73.02	35.86	13.95	65.96	-	-	P	V
		7979	53.9	-14.3	68.2	69.13	37.15	14.69	67.07	-	-	P	V
		10640	51.46	-22.54	74	63.58	39.6	16.65	68.37	400	326	P	V
		10640	41.89	-12.11	54	54.01	39.6	16.65	68.37	400	326	A	V
		14491	51.97	-22.03	74	58.02	41.95	19.74	67.74	-	-	P	V
		14491	42.08	-11.92	54	48.13	41.95	19.74	67.74	-	-	A	V
		15960	46.49	-27.51	74	56.56	37.49	20.63	68.19	-	-	P	V
		17967	59.99	-14.01	74	59.06	48.29	22.44	69.8	-	-	P	V
		17967	50.13	-3.87	54	49.2	48.29	22.44	69.8	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 52 5260MHz		5143.14	52.38	-21.62	74	39.6	32.05	11.08	30.35	400	72	P	H
		5119.34	44.48	-9.52	54	31.67	32.11	11.06	30.36	400	72	A	H
		4864	54.2	-19.8	74	42.45	31.46	10.7	30.41	-	-	P	H
		4864	44.31	-9.69	54	32.56	31.46	10.7	30.41	-	-	A	H
	*	5260	104.44	-	-	92.08	31.54	11.16	30.34	400	72	P	H
	*	5260	97.65	-	-	85.29	31.54	11.16	30.34	400	72	A	H
		5419.2	52.69	-21.31	74	39.95	31.77	11.32	30.35	400	72	P	H
		5393.76	44.53	-9.47	54	31.9	31.7	11.28	30.35	400	72	A	H
		5129.2	55.23	-18.77	74	42.5	32.02	11.07	30.36	100	335	P	V
		5000	49.92	-4.08	54	37.52	31.79	10.99	30.38	100	335	A	V
		4912	54.1	-19.9	74	42.4	31.3	10.8	30.4	-	-	P	V
		4912	43.82	-10.18	54	32.12	31.3	10.8	30.4	-	-	A	V
	*	5260	114.41	-	-	102.02	31.57	11.16	30.34	100	335	P	V
	*	5260	106.92	-	-	94.53	31.57	11.16	30.34	100	335	A	V
		5350.56	64.31	-9.69	74	51.92	31.5	11.25	30.36	100	335	P	V
		5459.28	53.15	-0.85	54	40.27	31.85	11.39	30.36	100	335	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 60 5300MHz		5121.38	52.73	-21.27	74	39.92	32.11	11.06	30.36	385	55	P	H
		5137.36	43.81	-10.19	54	31.03	32.07	11.07	30.36	385	55	A	H
		4864	52.69	-21.31	74	40.94	31.46	10.7	30.41	-	-	P	H
		4864	44.16	-9.84	54	32.41	31.46	10.7	30.41	-	-	A	H
	*	5300	102.18	-	-	89.85	31.47	11.2	30.34	385	55	P	H
	*	5300	94.89	-	-	82.56	31.47	11.2	30.34	385	55	A	H
		5434.8	52.66	-21.34	74	39.86	31.81	11.35	30.36	385	55	P	H
		5431.2	43.89	-10.11	54	31.11	31.8	11.34	30.36	385	55	A	H
		5096.56	53.56	-20.44	74	40.87	32.01	11.05	30.37	114	342	P	V
		5074.8	47.79	-6.21	54	35.16	31.98	11.03	30.38	114	342	A	V
		4876	54.4	-19.6	74	42.69	31.4	10.72	30.41	-	-	P	V
		4876	44.54	-9.46	54	32.83	31.4	10.72	30.41	-	-	A	V
	*	5300	111.22	-	-	98.97	31.39	11.2	30.34	114	342	P	V
	*	5300	103.95	-	-	91.7	31.39	11.2	30.34	114	342	A	V
		5350.8	65.26	-8.74	74	52.87	31.5	11.25	30.36	114	342	P	V
		5351.04	52.55	-1.45	54	40.16	31.5	11.25	30.36	114	342	A	V
802.11ac VHT20 CH 64 5320MHz		4996	54.8	-19.2	74	42.28	31.63	10.98	30.09	-	-	P	H
		4996	45.1	-8.9	54	32.58	31.63	10.98	30.09	-	-	A	H
	*	5320	102.81	-	-	90.15	31.52	11.22	30.08	341	219	P	H
	*	5320	95.06	-	-	82.4	31.52	11.22	30.08	341	219	A	H
		5423.36	53.85	-20.15	74	40.81	31.78	11.33	30.07	341	219	P	H
		5351.84	45.97	-8.03	54	33.18	31.61	11.25	30.07	341	219	A	H
		4822	56.36	-17.64	74	44.34	31.54	10.61	30.13	-	-	P	V
		4822	44.81	-9.19	54	32.79	31.54	10.61	30.13	-	-	A	V
	*	5320	111.96	-	-	99.39	31.43	11.22	30.08	100	186	P	V
	*	5320	104.97	-	-	92.4	31.43	11.22	30.08	100	186	A	V
		5352.32	63.93	-10.07	74	51.24	31.51	11.25	30.07	100	186	P	V
		5352.48	53.35	-0.65	54	40.66	31.51	11.25	30.07	100	186	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 52 5260MHz		7011	51.08	-17.12	68.2	68.37	35.32	14.03	66.64	400	107	P	H
		7891	52.41	-15.79	68.2	68.32	36.71	14.76	67.38	296	102	P	H
		10520	59.89	-8.31	68.2	71.87	39.74	16.93	68.65	198	53	P	H
		11026	49.49	-24.51	74	60.11	40.12	17.45	68.19	-	-	P	H
		11026	38.79	-15.21	54	49.41	40.12	17.45	68.19	-	-	A	H
		14491	52.42	-21.58	74	58.12	41.94	20.34	67.98	-	-	P	H
		14491	42.18	-11.82	54	47.88	41.94	20.34	67.98	-	-	A	H
		15780	47.92	-26.08	74	58.31	37.48	20.88	68.75	-	-	P	H
		17978	58.89	-15.11	74	58.69	48.25	21.93	69.98	-	-	P	H
		17978	48.73	-5.27	54	48.53	48.25	21.93	69.98	-	-	A	H
													H
													H
		7011	55.68	-12.52	68.2	73.01	35.28	14.03	66.64	100	164	P	V
		7891	59.45	-8.75	68.2	75.29	36.78	14.76	67.38	227	178	P	V
		10520	57.31	-10.89	68.2	69.36	39.67	16.93	68.65	400	326	P	V
		11334	49.65	-24.35	74	60.34	39.79	17.77	68.25	-	-	P	V
		11334	38.5	-15.5	54	49.19	39.79	17.77	68.25	-	-	A	V
		14491	51.28	-22.72	74	56.97	41.95	20.34	67.98	-	-	P	V
		14491	42.11	-11.89	54	47.8	41.95	20.34	67.98	-	-	A	V
		15780	47.23	-26.77	74	57.48	37.62	20.88	68.75	-	-	P	V
		17989	58.3	-15.7	74	57.43	48.79	21.93	69.85	-	-	P	V
		17989	49.36	-4.64	54	48.49	48.79	21.93	69.85	-	-	A	V
													V
													V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 60 5300MHz		10600	55.52	-18.48	74	67.59	39.68	16.61	68.36	198	50	P	H
		10600	47.65	-6.35	54	59.72	39.68	16.61	68.36	198	50	A	H
		13336	50.52	-23.48	74	59.67	39.46	18.92	67.53	-	-	P	H
		13336	39.53	-14.47	54	48.68	39.46	18.92	67.53	-	-	A	H
		14491	52.04	-21.96	74	58.1	41.94	19.74	67.74	-	-	P	H
		14491	43.05	-10.95	54	49.11	41.94	19.74	67.74	-	-	A	H
		15900	47.35	-26.65	74	57.78	37.37	20.59	68.39	-	-	P	H
		17978	60.27	-13.73	74	59.24	48.25	22.45	69.67	-	-	P	H
		17978	49.26	-4.74	54	48.23	48.25	22.45	69.67	-	-	A	H
													H
													H
													H
		7957	56.7	-11.5	68.2	72.05	37.04	14.67	67.06	-	-	P	V
		10600	51.39	-22.61	74	63.47	39.67	16.61	68.36	211	118	P	V
		10600	42.81	-11.19	54	54.89	39.67	16.61	68.36	211	118	A	V
		13336	50.81	-23.19	74	59.99	39.43	18.92	67.53	-	-	P	V
		13336	39.99	-14.01	54	49.17	39.43	18.92	67.53	-	-	A	V
		14491	52.71	-21.29	74	58.76	41.95	19.74	67.74	-	-	P	V
		14491	42.59	-11.41	54	48.64	41.95	19.74	67.74	-	-	A	V
		15900	47.47	-26.53	74	57.83	37.44	20.59	68.39	-	-	P	V
		17978	60.27	-13.73	74	58.95	48.54	22.45	69.67	-	-	P	V
		17978	49.5	-4.5	54	48.18	48.54	22.45	69.67	-	-	A	V
													V
													V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 64 5320MHz		10640	47.94	-26.06	74	59.98	39.68	16.65	68.37	-	-	P	H
		13391	50.3	-23.7	74	59.12	39.63	18.96	67.41	-	-	P	H
		13391	39.87	-14.13	54	48.69	39.63	18.96	67.41	-	-	A	H
		14491	52.04	-21.96	74	58.1	41.94	19.74	67.74	-	-	P	H
		14491	41.85	-12.15	54	47.91	41.94	19.74	67.74	-	-	A	H
		15960	47.4	-26.6	74	57.63	37.33	20.63	68.19	-	-	P	H
		17989	60.12	-13.88	74	58.68	48.53	22.46	69.55	-	-	P	H
		17989	49.58	-4.42	54	48.14	48.53	22.46	69.55	-	-	A	H
													H
													H
													H
													H
		8243	56.51	-17.49	74	72.6	36.76	14.92	67.77	230	199	P	V
		8243	47.99	-6.01	54	64.08	36.76	14.92	67.77	230	199	A	V
		10640	47.93	-26.07	74	60.05	39.6	16.65	68.37	-	-	P	V
		13391	50.21	-23.79	74	59	39.66	18.96	67.41	-	-	P	V
		13391	39.89	-14.11	54	48.68	39.66	18.96	67.41	-	-	A	V
		14491	51.78	-22.22	74	57.83	41.95	19.74	67.74	-	-	P	V
		14491	41.86	-12.14	54	47.91	41.95	19.74	67.74	-	-	A	V
		15960	47.99	-26.01	74	58.06	37.49	20.63	68.19	-	-	P	V
		17989	60.03	-13.97	74	58.33	48.79	22.46	69.55	-	-	P	V
		17989	49.81	-4.19	54	48.11	48.79	22.46	69.55	-	-	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

**Band 2 5250~5350MHz****WIFI 802.11ac VHT40 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 54 5270MHz		5148.92	54.07	-19.93	74	41.03	32.03	11.08	30.07	398	246	P	H
		5052.36	46.57	-7.43	54	33.72	31.91	11.02	30.08	398	246	A	H
		4870	55.13	-18.87	74	43.08	31.46	10.71	30.12	-	-	P	H
		4870	45.16	-8.84	54	33.11	31.46	10.71	30.12	-	-	A	H
	*	5270	101.86	-	-	89.23	31.52	11.17	30.06	398	246	P	H
	*	5270	94.83	-	-	82.2	31.52	11.17	30.06	398	246	A	H
		5374.56	54.73	-19.27	74	41.87	31.66	11.27	30.07	398	246	P	H
		5355.6	45.53	-8.47	54	32.74	31.61	11.25	30.07	398	246	A	H
		5074.46	54.1	-19.9	74	41.17	31.98	11.03	30.08	153	192	P	V
		5128.18	48.01	-5.99	54	34.99	32.02	11.07	30.07	153	192	A	V
		4930	56.96	-17.04	74	44.89	31.34	10.84	30.11	-	-	P	V
		4930	47.84	-6.16	54	35.77	31.34	10.84	30.11	-	-	A	V
	*	5270	111.84	-	-	99.21	31.52	11.17	30.06	153	192	P	V
	*	5270	104.31	-	-	91.68	31.52	11.17	30.06	153	192	A	V
		5358.96	64.54	-9.46	74	51.83	31.53	11.25	30.07	153	192	P	V
		5354.64	53.34	-0.66	54	40.64	31.52	11.25	30.07	153	192	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 62 5310MHz		5000	52.41	-21.59	74	39.87	31.64	10.99	30.09	400	250	P	H
		5138.04	45.36	-8.64	54	32.3	32.06	11.07	30.07	400	250	A	H
		4972	53.74	-20.26	74	41.36	31.55	10.93	30.1	-	-	P	H
		4972	44.87	-9.13	54	32.49	31.55	10.93	30.1	-	-	A	H
	*	5310	95.59	-	-	82.96	31.5	11.21	30.08	400	250	P	H
	*	5310	88.52	-	-	75.89	31.5	11.21	30.08	400	250	A	H
		5442.48	53.38	-20.62	74	40.28	31.82	11.36	30.08	400	250	P	H
		5350.08	45.63	-8.37	54	32.85	31.6	11.25	30.07	400	250	A	H
		5130.22	54.34	-19.66	74	41.32	32.02	11.07	30.07	134	191	P	V
		5123.76	50.14	-3.86	54	37.14	32.02	11.06	30.08	134	191	A	V
		4858	54.84	-19.16	74	42.8	31.49	10.68	30.13	-	-	P	V
		4858	44.8	-9.2	54	32.76	31.49	10.68	30.13	-	-	A	V
	*	5310	106.02	-	-	93.48	31.41	11.21	30.08	134	191	P	V
	*	5310	98.9	-	-	86.36	31.41	11.21	30.08	134	191	A	V
		5355.84	59.36	-14.64	74	46.66	31.52	11.25	30.07	134	191	P	V
		5353.68	53.41	-0.59	54	40.72	31.51	11.25	30.07	134	191	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 54 5270MHz		10540	48.04	-20.16	68.2	60.27	39.73	16.56	68.52	-	-	P	H
		13303	49.42	-24.58	74	58.83	39.33	18.9	67.64	-	-	P	H
		13303	39.7	-14.3	54	49.11	39.33	18.9	67.64	-	-	A	H
		14491	51.38	-22.62	74	57.44	41.94	19.74	67.74	-	-	P	H
		14491	41.25	-12.75	54	47.31	41.94	19.74	67.74	-	-	A	H
		15810	46.67	-27.33	74	57.74	37.42	20.53	69.02	-	-	P	H
		18000	60.43	-13.57	74	58.55	48.82	22.48	69.42	-	-	P	H
		18000	49.98	-4.02	54	48.1	48.82	22.48	69.42	-	-	A	H
													H
													H
													H
													H
		10540	47.57	-20.63	68.2	59.86	39.67	16.56	68.52	-	-	P	V
		13336	49	-25	74	58.18	39.43	18.92	67.53	-	-	P	V
		13336	39.39	-14.61	54	48.57	39.43	18.92	67.53	-	-	A	V
		14491	51.57	-22.43	74	57.62	41.95	19.74	67.74	-	-	P	V
		14491	42.3	-11.7	54	48.35	41.95	19.74	67.74	-	-	A	V
		15810	46.11	-27.89	74	57.03	37.57	20.53	69.02	-	-	P	V
		17989	59.41	-14.59	74	57.71	48.79	22.46	69.55	-	-	P	V
		17989	49.81	-4.19	54	48.11	48.79	22.46	69.55	-	-	A	V
													V
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													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT40 CH 62 5310MHz		10620	46.66	-27.34	74	58.72	39.68	16.62	68.36	-	-	P	H
		13259	50.06	-23.94	74	59.87	39.14	18.86	67.81	-	-	P	H
		13259	40.05	-13.95	54	49.86	39.14	18.86	67.81	-	-	A	H
		14491	51.75	-22.25	74	57.81	41.94	19.74	67.74	-	-	P	H
		14491	43.49	-10.51	54	49.55	41.94	19.74	67.74	-	-	A	H
		15930	46.55	-27.45	74	56.88	37.34	20.61	68.28	-	-	P	H
		17989	60.1	-13.9	74	58.66	48.53	22.46	69.55	-	-	P	H
		17989	49.56	-4.44	54	48.12	48.53	22.46	69.55	-	-	A	H
													H
													H
													H
													H
		10620	47.02	-26.98	74	59.13	39.63	16.62	68.36	-	-	P	V
		13336	50.05	-23.95	74	59.23	39.43	18.92	67.53	-	-	P	V
		13336	39.26	-14.74	54	48.44	39.43	18.92	67.53	-	-	A	V
		14491	51.89	-22.11	74	57.94	41.95	19.74	67.74	-	-	P	V
		14491	42.71	-11.29	54	48.76	41.95	19.74	67.74	-	-	A	V
		15930	47.19	-26.81	74	57.4	37.46	20.61	68.28	-	-	P	V
		18000	60.3	-13.7	74	58.2	49.04	22.48	69.42	-	-	P	V
		18000	50.4	-3.6	54	48.3	49.04	22.48	69.42	-	-	A	V
												V	
												V	
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												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5055.76	52.72	-21.28	74	39.85	31.93	11.02	30.08	400	233	P	H
		5129.2	45.21	-8.79	54	32.12	32.09	11.07	30.07	400	233	A	H
		4852	44.83	-9.17	54	32.82	31.47	10.67	30.13	-	-	P	H
		4852	44.83	-9.17	54	32.82	31.47	10.67	30.13	-	-	A	H
	*	5290	89.27	-	-	76.66	31.49	11.19	30.07	400	233	P	H
	*	5290	81.57	-	-	68.96	31.49	11.19	30.07	400	233	A	H
		5447.52	52.8	-21.2	74	39.67	31.84	11.37	30.08	400	233	P	H
		5353.68	45.76	-8.24	54	32.97	31.61	11.25	30.07	400	233	A	H
		5147.56	54.16	-19.84	74	41.13	32.02	11.08	30.07	100	188	P	V
		5105.06	49.48	-4.52	54	36.5	32.01	11.05	30.08	100	188	A	V
		4810	54.96	-19.04	74	42.97	31.54	10.58	30.13	-	-	P	V
		4810	44.78	-9.22	54	32.79	31.54	10.58	30.13	-	-	A	V
	*	5290	99.35	-	-	86.8	31.43	11.19	30.07	100	188	P	V
	*	5290	92.62	-	-	80.07	31.43	11.19	30.07	100	188	A	V
		5378.64	59.35	-14.65	74	46.56	31.59	11.27	30.07	100	188	P	V
		5353.68	52.57	-1.43	54	39.88	31.51	11.25	30.07	100	188	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		10580	47.47	-20.73	68.2	59.6	39.69	16.59	68.41	-	-	P	H
		13358	49.89	-24.11	74	58.89	39.53	18.94	67.47	-	-	P	H
		13358	39.72	-14.28	54	48.72	39.53	18.94	67.47	-	-	A	H
		14491	52.49	-21.51	74	58.55	41.94	19.74	67.74	-	-	P	H
		14491	42.04	-11.96	54	48.1	41.94	19.74	67.74	-	-	A	H
		15870	46.16	-27.84	74	56.79	37.38	20.57	68.58	-	-	P	H
		18000	59.59	-14.41	74	57.71	48.82	22.48	69.42	-	-	P	H
		18000	50.1	-3.9	54	48.22	48.82	22.48	69.42	-	-	A	H
													H
													H
													H
													H
		10580	47.12	-21.08	68.2	59.27	39.67	16.59	68.41	-	-	P	V
		13347	49.9	-24.1	74	59	39.46	18.93	67.49	-	-	P	V
		13347	39.49	-14.51	54	48.59	39.46	18.93	67.49	-	-	A	V
		14491	51.42	-22.58	74	57.47	41.95	19.74	67.74	-	-	P	V
		14491	42.01	-11.99	54	48.06	41.95	19.74	67.74	-	-	A	V
		15870	47.42	-26.58	74	57.95	37.48	20.57	68.58	-	-	P	V
		18000	59.69	-14.31	74	57.59	49.04	22.48	69.42	-	-	P	V
		18000	50.13	-3.87	54	48.03	49.04	22.48	69.42	-	-	A	V
													V
													V
													V
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

**Band 3 - 5470~5725MHz****WIFI 802.11a (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5435.92	52.89	-21.11	74	39.81	31.81	11.35	30.08	400	222	P	H
		5460.72	54.36	-13.84	68.2	41.19	31.86	11.39	30.08	400	222	P	H
		5459.12	44.55	-9.45	54	31.38	31.86	11.39	30.08	400	222	A	H
		5092	54.57	-19.43	74	41.48	32.12	11.05	30.08	-	-	P	H
		5092	45.91	-8.09	54	32.82	32.12	11.05	30.08	-	-	A	H
	*	5500	104.37	-	-	91.09	31.93	11.45	30.1	400	222	P	H
	*	5500	97.14	-	-	83.86	31.93	11.45	30.1	400	222	A	H
		5459.44	59.65	-14.35	74	46.49	31.85	11.39	30.08	110	185	P	V
		5462	60.21	-7.99	68.2	47.04	31.86	11.39	30.08	110	185	P	V
		5457.36	48.72	-5.28	54	35.58	31.84	11.38	30.08	110	185	A	V
		4864	56.1	-17.9	74	44.06	31.46	10.7	30.12	-	-	P	V
		4864	44.86	-9.14	54	32.82	31.46	10.7	30.12	-	-	A	V
	*	5500	114.81	-	-	101.5	31.96	11.45	30.1	110	185	P	V
	*	5500	107.53	-	-	94.22	31.96	11.45	30.1	110	185	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 116 5580MHz		5397.76	51.71	-22.29	74	39.06	31.71	11.29	30.35	397	75	P	H
		5466.4	53.37	-14.83	68.2	40.47	31.87	11.4	30.37	397	75	P	H
		5451.52	43.49	-10.51	54	30.62	31.85	11.38	30.36	397	75	A	H
		5104	53.94	-20.06	74	41.1	32.16	11.05	30.37	-	-	P	H
		5104	45.41	-8.59	54	32.57	32.16	11.05	30.37	-	-	A	H
	*	5580	107.47	-	-	94.29	31.96	11.59	30.37	397	75	P	H
	*	5580	100.38	-	-	87.2	31.96	11.59	30.37	397	75	A	H
		5747.99	53.79	-14.41	68.2	40.34	32.15	11.72	30.42	397	75	P	H
		5452.48	56.12	-17.88	74	43.27	31.83	11.38	30.36	100	330	P	V
		5463.52	55.83	-12.37	68.2	42.95	31.86	11.39	30.37	100	330	P	V
		5448.16	47.38	-6.62	54	34.55	31.82	11.37	30.36	100	330	A	V
		4876	56.74	-17.26	74	45.03	31.4	10.72	30.41	-	-	P	V
		4876	45.54	-8.46	54	33.83	31.4	10.72	30.41	-	-	A	V
	*	5580	116.95	-	-	103.81	31.92	11.59	30.37	100	330	P	V
	*	5580	109.41	-	-	96.27	31.92	11.59	30.37	100	330	A	V
		5748.935	55.24	-12.96	68.2	41.81	32.13	11.72	30.42	100	330	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 140 5700MHz		5116	56.17	-17.83	74	43.07	32.12	11.06	30.08	-	-	P	H
		5116	45.7	-8.3	54	32.6	32.12	11.06	30.08	-	-	A	H
		5452	53.96	-20.04	74	40.81	31.85	11.38	30.08	-	-	P	H
		5452	46.24	-7.76	54	33.09	31.85	11.38	30.08	-	-	A	H
	*	5700	101.62	-	-	88.11	31.98	11.69	30.16	400	202	P	H
	*	5700	94.46	-	-	80.95	31.98	11.69	30.16	400	202	A	H
		5727	54.91	-13.29	68.2	41.3	32.07	11.71	30.17	400	202	P	H
		4984	54.9	-19.1	74	42.38	31.66	10.96	30.1	-	-	P	V
		4984	44.83	-9.17	54	32.31	31.66	10.96	30.1	-	-	A	V
		5446	54.44	-19.56	74	41.34	31.81	11.37	30.08	-	-	P	V
		5446	45.68	-8.32	54	32.58	31.81	11.37	30.08	-	-	A	V
	*	5700	112.12	-	-	98.61	31.98	11.69	30.16	156	176	P	V
	*	5700	105.23	-	-	91.72	31.98	11.69	30.16	156	176	A	V
		5728.04	64.64	-3.56	68.2	51.03	32.07	11.71	30.17	156	176	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	52.91	-21.09	74	63.8	40.15	16.98	68.02	196	53	P	H
		11000	42.86	-11.14	54	53.75	40.15	16.98	68.02	196	53	A	H
		14491	51.36	-22.64	74	57.42	41.94	19.74	67.74	-	-	P	H
		14491	41.88	-12.12	54	47.94	41.94	19.74	67.74	-	-	A	H
		16500	48.3	-19.9	68.2	55.93	39.13	21.11	67.87	-	-	P	H
		18000	59.07	-14.93	74	57.19	48.82	22.48	69.42	-	-	P	H
		18000	49.43	-4.57	54	47.55	48.82	22.48	69.42	-	-	A	H
													H
													H
													H
													H
													H
		8252	55.8	-18.2	74	71.98	36.72	14.91	67.81	100	165	P	V
		8252	47	-7	54	63.18	36.72	14.91	67.81	100	165	A	V
		11000	50.35	-23.65	74	61.3	40.09	16.98	68.02	278	167	P	V
		11000	41	-13	54	51.95	40.09	16.98	68.02	278	167	A	V
		14491	51.05	-22.95	74	57.1	41.95	19.74	67.74	-	-	P	V
		14491	41.54	-12.46	54	47.59	41.95	19.74	67.74	-	-	A	V
		16500	49.22	-18.98	68.2	56.71	39.27	21.11	67.87	-	-	P	V
		18000	59.22	-14.78	74	57.12	49.04	22.48	69.42	-	-	P	V
		18000	49.25	-4.75	54	47.15	49.04	22.48	69.42	-	-	A	V
													V
													V
													V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 116 5580MHz		11160	53.85	-20.15	74	64.7	39.77	17.59	68.21	100	61	P	H
		11160	45.29	-8.71	54	56.14	39.77	17.59	68.21	100	61	A	H
		12071	48.68	-25.32	74	58.28	39.29	18.51	67.4	-	-	P	H
		12071	39.08	-14.92	54	48.68	39.29	18.51	67.4	-	-	A	H
		14491	51.31	-22.69	74	57.01	41.94	20.34	67.98	-	-	P	H
		14491	42.18	-11.82	54	47.88	41.94	20.34	67.98	-	-	A	H
		16740	48.97	-19.23	68.2	55.99	40.12	21.34	68.48	-	-	P	H
		18000	58.57	-15.43	74	57.52	48.82	21.95	69.72	-	-	P	H
		18000	49.55	-4.45	54	48.5	48.82	21.95	69.72	-	-	A	H
													H
													H
		7440	58.06	-15.94	74	74.54	36.47	14.28	67.23	100	181	P	V
		7440	53.81	-0.19	54	70.29	36.47	14.28	67.23	100	181	A	V
		8364	50.67	-23.33	74	67.25	36.45	15.01	68.04	298	189	P	V
		8364	43.49	-10.51	54	60.07	36.45	15.01	68.04	298	189	A	V
		11160	52.69	-21.31	74	63.52	39.79	17.59	68.21	207	185	P	V
		11160	43.56	-10.44	54	54.39	39.79	17.59	68.21	207	185	A	V
		11653	49.71	-24.29	74	59.47	39.74	18.09	67.59	-	-	P	V
		11653	39.34	-14.66	54	49.1	39.74	18.09	67.59	-	-	A	V
		14491	50.97	-23.03	74	56.66	41.95	20.34	67.98	-	-	P	V
		14491	41.99	-12.01	54	47.68	41.95	20.34	67.98	-	-	A	V
		16740	50.2	-18	68.2	57.08	40.26	21.34	68.48	-	-	P	V
		17956	58.46	-15.54	74	58.74	48.04	21.92	70.24	-	-	P	V
		17956	47.95	-6.05	54	48.23	48.04	21.92	70.24	-	-	A	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 140 5700MHz		11400	55.01	-18.99	74	65.69	40.01	17.33	68.02	206	204	P	H
		11400	45.31	-8.69	54	55.99	40.01	17.33	68.02	206	204	A	H
		14491	51.21	-22.79	74	57.27	41.94	19.74	67.74	-	-	P	H
		14491	41.72	-12.28	54	47.78	41.94	19.74	67.74	-	-	A	H
		17100	50.17	-18.03	68.2	56.85	40.41	21.65	68.74	-	-	P	H
		17967	58.78	-15.22	74	58.18	47.96	22.44	69.8	-	-	P	H
		17967	48.86	-5.14	54	48.26	47.96	22.44	69.8	-	-	A	H
													H
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													H
													H
													H
		7132	48.06	-20.14	68.2	63.64	36.13	13.94	65.65	-	-	P	V
		8551	49.06	-19.14	68.2	64.87	36.94	14.9	67.65	-	-	P	V
		11400	55.51	-18.49	74	66.28	39.92	17.33	68.02	273	177	P	V
		11400	44.66	-9.34	54	55.43	39.92	17.33	68.02	273	177	A	V
		14491	51.11	-22.89	74	57.16	41.95	19.74	67.74	-	-	P	V
		14491	41.84	-12.16	54	47.89	41.95	19.74	67.74	-	-	A	V
		17100	50.89	-17.31	68.2	57.45	40.53	21.65	68.74	-	-	P	V
		17978	58.68	-15.32	74	57.36	48.54	22.45	69.67	-	-	P	V
		17978	48.46	-5.54	54	47.14	48.54	22.45	69.67	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 100 5500MHz		5426.16	52.98	-21.02	74	39.95	31.78	11.33	30.08	400	219	P	H
		5463.28	53.43	-14.77	68.2	40.26	31.87	11.39	30.09	400	219	P	H
		5457.52	44.48	-9.52	54	31.32	31.86	11.38	30.08	400	219	A	H
		5002	54.53	-19.47	74	41.98	31.65	10.99	30.09	-	-	P	H
		5002	45.26	-8.74	54	32.71	31.65	10.99	30.09	-	-	A	H
	*	5500	104.08	-	-	90.8	31.93	11.45	30.1	400	219	P	H
	*	5500	96.99	-	-	83.71	31.93	11.45	30.1	400	219	A	H
		5460.08	60.9	-7.3	68.2	47.74	31.85	11.39	30.08	100	185	P	V
		5467.6	65.49	-2.71	68.2	52.31	31.87	11.4	30.09	100	185	P	V
		5457.2	49.94	-4.06	54	36.8	31.84	11.38	30.08	100	185	A	V
		4816	54.93	-19.07	74	42.93	31.54	10.59	30.13	-	-	P	V
		4816	44.83	-9.17	54	32.83	31.54	10.59	30.13	-	-	A	V
	*	5500	114.41	-	-	101.1	31.96	11.45	30.1	100	185	P	V
	*	5500	107.05	-	-	93.74	31.96	11.45	30.1	100	185	A	V
802.11ac VHT20 CH 116 5580MHz		5436.64	53.09	-20.91	74	40.29	31.81	11.35	30.36	400	58	P	H
		5462.56	52.04	-16.16	68.2	39.15	31.87	11.39	30.37	400	58	P	H
		5456.08	43.67	-10.33	54	30.8	31.85	11.38	30.36	400	58	A	H
		5122	54.82	-19.18	74	42.01	32.11	11.06	30.36	-	-	P	H
		5122	45.63	-8.37	54	32.82	32.11	11.06	30.36	-	-	A	H
	*	5580	107.07	-	-	93.89	31.96	11.59	30.37	400	58	P	H
	*	5580	99.56	-	-	86.38	31.96	11.59	30.37	400	58	A	H
		5743.265	52.34	-15.86	68.2	38.91	32.13	11.72	30.42	400	58	P	H
		5422.72	56.41	-17.59	74	43.69	31.74	11.33	30.35	100	336	P	V
		5467.84	56.71	-11.49	68.2	43.81	31.87	11.4	30.37	100	336	P	V
		5350	47.42	-6.58	54	35.04	31.5	11.24	30.36	100	336	A	V
		4882	56.87	-17.13	74	45.17	31.37	10.74	30.41	-	-	P	V
		4882	46.61	-7.39	54	34.91	31.37	10.74	30.41	-	-	A	V
	*	5580	117.24	-	-	104.1	31.92	11.59	30.37	100	336	P	V
	*	5580	109.63	-	-	96.49	31.92	11.59	30.37	100	336	A	V
		5728.775	59.62	-8.58	68.2	46.26	32.07	11.71	30.42	100	336	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 140 5700MHz		5002	54.62	-19.38	74	42.07	31.65	10.99	30.09	-	-	P	H
		5002	45.25	-8.75	54	32.7	31.65	10.99	30.09	-	-	A	H
		5416	54.1	-19.9	74	41.09	31.76	11.32	30.07	-	-	P	H
		5416	45.91	-8.09	54	32.9	31.76	11.32	30.07	-	-	A	H
	*	5700	100.68	-	-	87.17	31.98	11.69	30.16	400	240	P	H
	*	5700	93.5	-	-	79.99	31.98	11.69	30.16	400	240	A	H
		5728.28	53.9	-14.3	68.2	40.28	32.08	11.71	30.17	400	240	P	H
		4966	54.49	-19.51	74	42.16	31.51	10.92	30.1	-	-	P	V
		4966	45.08	-8.92	54	32.75	31.51	10.92	30.1	-	-	A	V
		5410	53.72	-20.28	74	40.78	31.7	11.31	30.07	-	-	P	V
		5410	45.81	-8.19	54	32.87	31.7	11.31	30.07	-	-	A	V
	*	5700	111.41	-	-	97.9	31.98	11.69	30.16	100	177	P	V
	*	5700	104.27	-	-	90.76	31.98	11.69	30.16	100	177	A	V
		5726.04	64.83	-3.37	68.2	51.23	32.06	11.71	30.17	100	177	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 100 5500MHz		11000	47.66	-26.34	74	58.55	40.15	16.98	68.02	-	-	P	H
		13369	49.62	-24.38	74	58.56	39.56	18.95	67.45	-	-	P	H
		13369	39.98	-14.02	54	48.92	39.56	18.95	67.45	-	-	A	H
		14491	52.88	-21.12	74	58.94	41.94	19.74	67.74	-	-	P	H
		14491	41.76	-12.24	54	47.82	41.94	19.74	67.74	-	-	A	H
		16500	49.53	-18.67	68.2	57.16	39.13	21.11	67.87	-	-	P	H
		17989	59.66	-14.34	74	58.22	48.53	22.46	69.55	-	-	P	H
		17989	49.59	-4.41	54	48.15	48.53	22.46	69.55	-	-	A	H
													H
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													H
													H
		8254	54.7	-19.3	74	70.9	36.71	14.9	67.81	215	178	P	V
		8254	45.81	-8.19	54	62.01	36.71	14.9	67.81	215	178	A	V
		11000	47.12	-26.88	74	58.07	40.09	16.98	68.02	-	-	P	V
		13380	50.26	-23.74	74	59.12	39.61	18.96	67.43	-	-	P	V
		13380	40.06	-13.94	54	48.92	39.61	18.96	67.43	-	-	A	V
		14491	51.44	-22.56	74	57.49	41.95	19.74	67.74	-	-	P	V
		14491	41.94	-12.06	54	47.99	41.95	19.74	67.74	-	-	A	V
		16500	49.19	-19.01	68.2	56.68	39.27	21.11	67.87	-	-	P	V
		18000	59.57	-14.43	74	57.47	49.04	22.48	69.42	-	-	P	V
		18000	49.94	-4.06	54	47.84	49.04	22.48	69.42	-	-	A	V
													V
													V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 116 5580MHz		11160	54.7	-19.3	74	65.55	39.77	17.59	68.21	194	55	P	H
		11160	46.1	-7.9	54	56.95	39.77	17.59	68.21	194	55	A	H
		11356	49.51	-24.49	74	60.01	39.91	17.79	68.2	-	-	P	H
		11356	38.71	-15.29	54	49.21	39.91	17.79	68.2	-	-	A	H
		14491	51.25	-22.75	74	56.95	41.94	20.34	67.98	-	-	P	H
		14491	41.85	-12.15	54	47.55	41.94	20.34	67.98	-	-	A	H
		16740	50.08	-18.12	68.2	57.1	40.12	21.34	68.48	-	-	P	H
		17989	58.32	-15.68	74	57.71	48.53	21.93	69.85	-	-	P	H
		17989	48.98	-5.02	54	48.37	48.53	21.93	69.85	-	-	A	H
													H
													H
													H
		7440	53	-21	74	69.48	36.47	14.28	67.23	100	183	P	V
		7440	45.65	-8.35	54	62.13	36.47	14.28	67.23	100	183	A	V
		8375	51.48	-22.52	74	68.03	36.49	14.99	68.03	233	196	P	V
		8375	43.59	-10.41	54	60.14	36.49	14.99	68.03	233	196	A	V
		11160	53.1	-20.9	74	63.93	39.79	17.59	68.21	208	186	P	V
		11160	43.95	-10.05	54	54.78	39.79	17.59	68.21	208	186	A	V
		11444	49.51	-24.49	74	59.47	40.05	17.88	67.89	-	-	P	V
		14480	51.01	-22.99	74	56.72	41.92	20.34	67.97	-	-	P	V
		16740	50.74	-17.46	68.2	57.62	40.26	21.34	68.48	-	-	P	V
		17989	59	-15	74	58.13	48.79	21.93	69.85	-	-	P	V
													V
													V

[illegible]



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 102 5510MHz		5444.8	52.18	-21.82	74	39.35	31.83	11.36	30.36	400	70	P	H
		5469.52	53.53	-14.67	68.2	40.62	31.88	11.4	30.37	400	70	P	H
		5459.92	44.14	-9.86	54	31.25	31.86	11.39	30.36	400	70	A	H
		4792	54.5	-19.5	74	42.89	31.48	10.55	30.42	-	-	P	H
		4792	44.33	-9.67	54	32.72	31.48	10.55	30.42	-	-	A	H
	*	5510	97.8	-	-	84.79	31.92	11.47	30.38	400	70	P	H
	*	5510	90.55	-	-	77.54	31.92	11.47	30.38	400	70	A	H
		5739.8	52.1	-16.1	68.2	38.68	32.12	11.72	30.42	400	70	P	H
		5434.24	58.99	-15.01	74	46.23	31.77	11.35	30.36	100	344	P	V
		5469.76	62.76	-5.44	68.2	49.84	31.88	11.41	30.37	100	344	P	V
		5459.92	51.91	-2.09	54	39.03	31.85	11.39	30.36	100	344	A	V
		4852	54.15	-19.85	74	42.38	31.52	10.67	30.42	-	-	P	V
		4852	44.59	-9.41	54	32.82	31.52	10.67	30.42	-	-	A	V
	*	5510	108.67	-	-	95.62	31.96	11.47	30.38	100	344	P	V
	*	5510	101.21	-	-	88.16	31.96	11.47	30.38	100	344	A	V
		5730.665	53.25	-14.95	68.2	39.88	32.08	11.71	30.42	100	344	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 110 5550MHz		5453.92	53.92	-20.08	74	41.05	31.85	11.38	30.36	400	54	P	H
		5465.68	54.39	-13.81	68.2	41.49	31.87	11.4	30.37	400	54	P	H
		5459.68	44.91	-9.09	54	32.02	31.86	11.39	30.36	400	54	A	H
		4888	54.02	-19.98	74	42.23	31.44	10.75	30.4	-	-	P	H
		4888	44.9	-9.1	54	33.11	31.44	10.75	30.4	-	-	A	H
	*	5550	103.38	-	-	90.3	31.9	11.54	30.36	400	54	P	H
	*	5550	96.14	-	-	83.06	31.9	11.54	30.36	400	54	A	H
		5742.95	52.29	-15.91	68.2	38.86	32.13	11.72	30.42	400	54	P	H
		5392.48	61.49	-12.51	74	48.92	31.64	11.28	30.35	100	345	P	V
		5467.84	63.07	-5.13	68.2	50.17	31.87	11.4	30.37	100	345	P	V
		5456.08	52.69	-1.31	54	39.83	31.84	11.38	30.36	100	345	A	V
		4852	57.58	-16.42	74	45.81	31.52	10.67	30.42	-	-	P	V
		4852	46.37	-7.63	54	34.6	31.52	10.67	30.42	-	-	A	V
	*	5550	112.72	-	-	99.6	31.94	11.54	30.36	100	345	P	V
	*	5550	105.35	-	-	92.23	31.94	11.54	30.36	100	345	A	V
		5742.95	55.79	-12.41	68.2	42.38	32.11	11.72	30.42	100	345	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 134 5670MHz		5418.95	52.79	-21.21	74	39.77	31.77	11.32	30.07	346	86	P	H
		5468.65	52.21	-15.99	68.2	39.02	31.88	11.4	30.09	346	86	P	H
		5454.3	45.11	-8.89	54	31.96	31.85	11.38	30.08	346	86	A	H
		5116	54.61	-19.39	74	41.51	32.12	11.06	30.08	-	-	P	H
		5116	46.34	-7.66	54	33.24	32.12	11.06	30.08	-	-	A	H
	*	5670	98.92	-	-	85.41	31.97	11.67	30.13	346	86	P	H
	*	5670	93.11	-	-	79.6	31.97	11.67	30.13	346	86	A	H
		5744.175	53.41	-14.79	68.2	39.73	32.13	11.72	30.17	346	86	P	H
		5448.7	53.97	-20.03	74	40.86	31.82	11.37	30.08	100	175	P	V
		5460	53.02	-15.18	68.2	39.86	31.85	11.39	30.08	100	175	P	V
		5458.85	46.91	-7.09	54	33.75	31.85	11.39	30.08	100	175	A	V
		5068	55.12	-18.88	74	42.19	31.98	11.03	30.08	-	-	P	V
		5068	46.3	-7.7	54	33.37	31.98	11.03	30.08	-	-	A	V
	*	5670	109.52	-	-	96.04	31.94	11.67	30.13	100	175	P	V
	*	5670	102.51	-	-	89.03	31.94	11.67	30.13	100	175	A	V
		5729.3	65.38	-2.82	68.2	51.77	32.07	11.71	30.17	100	175	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 102 5510MHz		11020	47.9	-26.1	74	58.53	40.13	17.44	68.2	-	-	P	H
		11268	49.81	-24.19	74	60.7	39.73	17.7	68.32	-	-	P	H
		11268	38.32	-15.68	54	49.21	39.73	17.7	68.32	-	-	A	H
		14491	50.82	-23.18	74	56.52	41.94	20.34	67.98	-	-	P	H
		14491	41.9	-12.1	54	47.6	41.94	20.34	67.98	-	-	A	H
		16530	48.82	-19.38	68.2	56.64	39.24	21.24	68.3	-	-	P	H
		17989	59.52	-14.48	74	58.91	48.53	21.93	69.85	-	-	P	H
													H
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													H
													H
		11020	47.74	-26.26	74	58.45	40.05	17.44	68.2	-	-	P	V
		11543	49.28	-24.72	74	58.9	40.05	17.99	67.66	-	-	P	V
		11543	39.1	-14.9	54	48.72	40.05	17.99	67.66	-	-	A	V
		14491	51.97	-22.03	74	57.66	41.95	20.34	67.98	-	-	P	V
		14491	42.11	-11.89	54	47.8	41.95	20.34	67.98	-	-	A	V
		16530	49.2	-19	68.2	56.89	39.37	21.24	68.3	-	-	P	V
		17989	59.21	-14.79	74	58.34	48.79	21.93	69.85	-	-	P	V
		17989	49.34	-4.66	54	48.47	48.79	21.93	69.85	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 110 5550MHz		7396	50.74	-23.26	74	67.47	36.43	14.23	67.39	400	119	P	H
		7396	45.87	-8.13	54	62.6	36.43	14.23	67.39	400	119	A	H
		11100	47.94	-26.06	74	58.61	39.92	17.53	68.12	-	-	P	H
		12060	49.31	-24.69	74	58.99	39.28	18.5	67.46	-	-	P	H
		12060	39.01	-14.99	54	48.69	39.28	18.5	67.46	-	-	A	H
		14491	51.61	-22.39	74	57.31	41.94	20.34	67.98	-	-	P	H
		14491	41.95	-12.05	54	47.65	41.94	20.34	67.98	-	-	A	H
		16650	49.19	-19.01	68.2	56.91	39.7	21.3	68.72	-	-	P	H
		18000	58.58	-15.42	74	57.53	48.82	21.95	69.72	-	-	P	H
		18000	49.53	-4.47	54	48.48	48.82	21.95	69.72	-	-	A	H
													H
													H
		7396	57.37	-16.63	74	74.05	36.48	14.23	67.39	100	184	P	V
		7396	51.37	-2.63	54	68.05	36.48	14.23	67.39	100	184	A	V
		11100	47.68	-26.32	74	58.43	39.84	17.53	68.12	-	-	P	V
		11323	49.25	-24.75	74	60	39.76	17.76	68.27	-	-	P	V
		11323	38.51	-15.49	54	49.26	39.76	17.76	68.27	-	-	A	V
		14480	50.76	-23.24	74	56.47	41.92	20.34	67.97	-	-	P	V
		14480	42.14	-11.86	54	47.85	41.92	20.34	67.97	-	-	A	V
		16650	49.56	-18.64	68.2	57.1	39.88	21.3	68.72	-	-	P	V
		18000	58.79	-15.21	74	57.52	49.04	21.95	69.72	-	-	P	V
		18000	49.73	-4.27	54	48.46	49.04	21.95	69.72	-	-	A	V
													V
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WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 134 5670MHz		11340	47.95	-26.05	74	59.09	39.87	17.29	68.3	-	-	P	H
		13380	50.13	-23.87	74	59	39.6	18.96	67.43	-	-	P	H
		13380	40.27	-13.73	54	49.14	39.6	18.96	67.43	-	-	A	H
		14491	51.52	-22.48	74	57.58	41.94	19.74	67.74	-	-	P	H
		14491	42.7	-11.3	54	48.76	41.94	19.74	67.74	-	-	A	H
		17010	50.47	-17.73	68.2	57.25	40.44	21.57	68.79	-	-	P	H
		17978	59.73	-14.27	74	58.7	48.25	22.45	69.67	-	-	P	H
		17978	49.24	-4.76	54	48.21	48.25	22.45	69.67	-	-	A	H
													H
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													H
													H
		11340	47.93	-26.07	74	59.13	39.81	17.29	68.3	-	-	P	V
		13336	49.68	-24.32	74	58.86	39.43	18.92	67.53	-	-	P	V
		13336	39.6	-14.4	54	48.78	39.43	18.92	67.53	-	-	A	V
		14491	51.47	-22.53	74	57.52	41.95	19.74	67.74	-	-	P	V
		14491	42.39	-11.61	54	48.44	41.95	19.74	67.74	-	-	A	V
		17010	50.26	-17.94	68.2	56.92	40.56	21.57	68.79	-	-	P	V
		17978	60.08	-13.92	74	58.76	48.54	22.45	69.67	-	-	P	V
		17978	49.43	-4.57	54	48.11	48.54	22.45	69.67	-	-	A	V
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Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5446.48	53.47	-20.53	74	40.34	31.84	11.37	30.08	400	88	P	H
		5462.32	52.31	-15.89	68.2	39.14	31.86	11.39	30.08	400	88	P	H
		5458.72	45.46	-8.54	54	32.29	31.86	11.39	30.08	400	88	A	H
		4846	55.52	-18.48	74	43.51	31.48	10.66	30.13	-	-	P	H
		4846	45.24	-8.76	54	33.23	31.48	10.66	30.13	-	-	A	H
	*	5530	92.85	-	-	79.53	31.91	11.5	30.09	400	88	P	H
	*	5530	85.24	-	-	71.92	31.91	11.5	30.09	400	88	A	H
		5757.755	52.61	-15.59	68.2	38.87	32.18	11.73	30.17	400	88	P	H
		5455.36	61.69	-12.31	74	48.55	31.84	11.38	30.08	100	179	P	V
		5466.4	62.24	-5.96	68.2	49.06	31.87	11.4	30.09	100	179	P	V
		5456.08	53.59	-0.41	54	40.45	31.84	11.38	30.08	100	179	A	V
		4876	54.94	-19.06	74	42.94	31.4	10.72	30.12	-	-	P	V
		4876	45.18	-8.82	54	33.18	31.4	10.72	30.12	-	-	A	V
	*	5530	103.21	-	-	89.85	31.95	11.5	30.09	100	179	P	V
	*	5530	95.31	-	-	81.95	31.95	11.5	30.09	100	179	A	V
		5738.855	52.96	-15.24	68.2	39.31	32.1	11.72	30.17	100	179	P	V



WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 122 5610MHz		5436.1	51.96	-22.04	74	39.07	31.81	11.44	30.36	101	71	P	H
		5465.5	51.95	-16.25	68.2	38.98	31.87	11.47	30.37	101	71	P	H
		5450.45	44.02	-9.98	54	31.09	31.84	11.45	30.36	101	71	A	H
		4816	55.04	-18.96	74	43.13	31.5	10.83	30.42	-	-	P	H
		4816	45.2	-8.8	54	33.29	31.5	10.83	30.42	-	-	A	H
	*	5610	92.21	-	-	79	32	11.59	30.38	101	71	P	H
	*	5610	84.39	-	-	71.18	32	11.59	30.38	101	71	A	H
		5748.725	53.77	-14.43	68.2	40.25	32.15	11.79	30.42	101	71	P	H
		5432.6	54.07	-19.93	74	41.22	31.77	11.44	30.36	154	194	P	V
		5467.25	54.73	-13.47	68.2	41.76	31.87	11.47	30.37	154	194	P	V
		5427	46.51	-7.49	54	33.69	31.75	11.43	30.36	154	194	A	V
		4804	55.8	-18.2	74	43.86	31.54	10.82	30.42	-	-	P	V
		4804	45.76	-8.24	54	33.82	31.54	10.82	30.42	-	-	A	V
	*	5610	102.28	-	-	89.16	31.91	11.59	30.38	154	194	P	V
	*	5610	94.29	-	-	81.17	31.91	11.59	30.38	154	194	A	V
		5734.375	55.75	-12.45	68.2	42.31	32.09	11.77	30.42	154	194	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	47.91	-26.09	74	58.78	40.07	17.02	67.96	-	-	P	H
		13369	50.92	-23.08	74	59.86	39.56	18.95	67.45	-	-	P	H
		13369	39.64	-14.36	54	48.58	39.56	18.95	67.45	-	-	A	H
		14491	51.56	-22.44	74	57.62	41.94	19.74	67.74	-	-	P	H
		14491	43.04	-10.96	54	49.1	41.94	19.74	67.74	-	-	A	H
		16590	49.3	-18.9	68.2	57.21	39.47	21.19	68.57	-	-	P	H
		18000	60.87	-13.13	74	58.99	48.82	22.48	69.42	-	-	P	H
		18000	49.98	-4.02	54	48.1	48.82	22.48	69.42	-	-	A	H
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		11060	47.88	-26.12	74	58.86	39.96	17.02	67.96	-	-	P	V
		13358	50.58	-23.42	74	59.6	39.51	18.94	67.47	-	-	P	V
		13358	39.96	-14.04	54	48.98	39.51	18.94	67.47	-	-	A	V
		14491	51.83	-22.17	74	57.88	41.95	19.74	67.74	-	-	P	V
		14491	42.34	-11.66	54	48.39	41.95	19.74	67.74	-	-	A	V
		16590	50.15	-18.05	68.2	57.94	39.59	21.19	68.57	-	-	P	V
		18000	60.26	-13.74	74	58.16	49.04	22.48	69.42	-	-	P	V
		18000	50.02	-3.98	54	47.92	49.04	22.48	69.42	-	-	A	V
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WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 122 5610MHz		11220	48.21	-25.79	74	59.13	39.72	17.65	68.29	-	-	P	H
		11565	49.62	-24.38	74	59.2	40.04	18.01	67.63	-	-	P	H
		11565	38.98	-15.02	54	48.56	40.04	18.01	67.63	-	-	A	H
		14491	51.21	-22.79	74	56.91	41.94	20.34	67.98	-	-	P	H
		14491	41.85	-12.15	54	47.55	41.94	20.34	67.98	-	-	A	H
		16830	50.34	-17.86	68.2	57.05	40.42	21.38	68.51	-	-	P	H
		18000	58.06	-15.94	74	57.01	48.82	21.95	69.72	-	-	P	H
		18000	49.35	-4.65	54	48.3	48.82	21.95	69.72	-	-	A	H
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													H
													H
		11220	47.82	-26.18	74	58.81	39.65	17.65	68.29	-	-	P	V
		11631	49.26	-24.74	74	58.94	39.83	18.07	67.58	-	-	P	V
		11631	38.93	-15.07	54	48.61	39.83	18.07	67.58	-	-	A	V
		14491	51.33	-22.67	74	57.02	41.95	20.34	67.98	-	-	P	V
		14491	41.69	-12.31	54	47.38	41.95	20.34	67.98	-	-	A	V
		16830	49.89	-18.31	68.2	56.47	40.55	21.38	68.51	-	-	P	V
		17989	58.35	-15.65	74	57.48	48.79	21.93	69.85	-	-	P	V
		17989	49.37	-4.63	54	48.5	48.79	21.93	69.85	-	-	A	V
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Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission above 18GHz

WIFI 802.11a (SHF @ 1m)

[illegible]

Emission below 1GHz

WIFI 802.11a (LF @ 3m)

[illegible]



<Sample 2>

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Margin	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.72	55.33	-18.67	74	42.56	32.04	11.08	30.35	400	152	P	H
		5150	46.57	-7.43	54	33.81	32.03	11.08	30.35	400	152	A	H
		4990	54.82	-19.18	74	42.62	31.61	10.97	30.38	-	-	P	H
		4990	44.8	-9.2	54	32.6	31.61	10.97	30.38	-	-	A	H
	*	5180	98.76	-	-	86.14	31.88	11.1	30.36	400	152	P	H
	*	5180	92.39	-	-	79.77	31.88	11.1	30.36	400	152	A	H
		5410	54.36	-19.64	74	41.66	31.74	11.31	30.35	-	-	P	H
		5410	44.89	-9.11	54	32.19	31.74	11.31	30.35	-	-	A	H
		5148.98	63.89	-10.11	74	51.14	32.02	11.08	30.35	100	205	P	V
		5149.76	52.63	-1.37	54	39.88	32.02	11.08	30.35	100	205	A	V
		4864	54.91	-19.09	74	43.16	31.46	10.7	30.41	-	-	P	V
		4864	44.16	-9.84	54	32.41	31.46	10.7	30.41	-	-	A	V
	*	5180	107.46	-	-	94.84	31.88	11.1	30.36	100	205	P	V
	*	5180	101.08	-	-	88.46	31.88	11.1	30.36	100	205	A	V
		5440	54.43	-19.57	74	41.64	31.79	11.36	30.36	-	-	P	V
		5440	45.01	-8.99	54	32.22	31.79	11.36	30.36	-	-	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 40 5200MHz		5104	54.71	-19.29	74	41.87	32.16	11.05	30.37	400	147	P	H
		5104	46.02	-7.98	54	33.18	32.16	11.05	30.37	400	147	A	H
		4774	54.74	-19.26	74	43.2	31.43	10.54	30.43	-	-	P	H
		4774	43.88	-10.12	54	32.34	31.43	10.54	30.43	-	-	A	H
	*	5200	101.58	-	-	89.05	31.78	11.11	30.36	400	147	P	H
	*	5200	95.33	-	-	82.8	31.78	11.11	30.36	400	147	A	H
		5408.48	54.02	-19.98	74	41.33	31.74	11.3	30.35	400	147	P	H
		5438.72	44.09	-9.91	54	31.28	31.82	11.35	30.36	400	147	A	H
		5146.38	57.22	-16.78	74	44.47	32.02	11.08	30.35	200	160	P	V
		5125.58	52.3	-1.7	54	39.57	32.02	11.07	30.36	200	160	A	V
		4828	55.02	-18.98	74	43.28	31.54	10.62	30.42	-	-	P	V
		4828	44.08	-9.92	54	32.34	31.54	10.62	30.42	-	-	A	V
	*	5200	110.6	-	-	98.06	31.79	11.11	30.36	200	160	P	V
	*	5200	103.47	-	-	90.93	31.79	11.11	30.36	200	160	A	V
		5383	57.93	-16.07	74	45.4	31.61	11.27	30.35	200	160	P	V
		5433.68	51.51	-2.49	54	38.75	31.77	11.35	30.36	200	160	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 48 5240MHz		5138.06	54.82	-19.18	74	42.04	32.06	11.07	30.35	298	150	P	H
		5097.24	45.42	-8.58	54	32.59	32.15	11.05	30.37	298	150	A	H
		4990	54.7	-19.3	74	42.5	31.61	10.97	30.38	-	-	P	H
		4990	44.46	-9.54	54	32.26	31.61	10.97	30.38	-	-	A	H
	*	5240	104.65	-	-	92.24	31.6	11.15	30.34	298	150	P	H
	*	5240	97.56	-	-	85.15	31.6	11.15	30.34	298	150	A	H
		5433.12	54.28	-19.72	74	41.5	31.8	11.34	30.36	298	150	P	H
		5456.08	47.54	-6.46	54	34.67	31.85	11.38	30.36	298	150	A	H
		5137.8	57.59	-16.41	74	44.85	32.02	11.07	30.35	134	209	P	V
		5019.24	51.83	-2.17	54	39.36	31.85	11	30.38	134	209	A	V
		4870	61.35	-12.65	74	49.62	31.43	10.71	30.41	-	-	P	V
		4870	47.4	-6.6	54	35.67	31.43	10.71	30.41	-	-	A	V
	*	5240	112.85	-	-	100.39	31.65	11.15	30.34	134	209	P	V
	*	5240	106.41	-	-	93.95	31.65	11.15	30.34	134	209	A	V
		5353.04	58.91	-15.09	74	46.51	31.51	11.25	30.36	134	209	P	V
		5426.68	53.73	-0.27	54	41.01	31.75	11.33	30.36	134	209	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	47.03	-21.17	68.2	60.4	39.41	16.39	69.17	-	-	P	H
		11356	48.78	-25.22	74	59.77	39.91	17.3	68.2	-	-	P	H
		11356	38.56	-15.44	54	49.55	39.91	17.3	68.2	-	-	A	H
		13270	48.72	-25.28	74	58.49	39.19	18.87	67.83	-	-	P	H
		13270	40.56	-13.44	54	50.33	39.19	18.87	67.83	-	-	A	H
		14491	50.4	-23.6	74	56.7	41.94	19.74	67.98	-	-	P	H
		14491	42.31	-11.69	54	48.61	41.94	19.74	67.98	-	-	A	H
		15540	47.98	-26.02	74	57.72	38.19	20.37	68.3	-	-	P	H
		17978	58.11	-15.89	74	57.39	48.25	22.45	69.98	-	-	P	H
		17978	50.03	-3.97	54	49.31	48.25	22.45	69.98	-	-	A	H
													H
													H
		10360	48.57	-19.63	68.2	62.02	39.33	16.39	69.17	-	-	P	V
		11323	49.24	-24.76	74	60.48	39.76	17.27	68.27	-	-	P	V
		11323	38.99	-15.01	54	50.23	39.76	17.27	68.27	-	-	A	V
		13369	49.06	-24.94	74	58.01	39.56	18.95	67.46	-	-	P	V
		13369	40.87	-13.13	54	49.82	39.56	18.95	67.46	-	-	A	V
		14480	50.62	-23.38	74	56.93	41.92	19.74	67.97	-	-	P	V
		14480	42.43	-11.57	54	48.74	41.92	19.74	67.97	-	-	A	V
		15540	46.59	-27.41	74	56.23	38.29	20.37	68.3	-	-	P	V
		17956	58.47	-15.53	74	58.24	48.04	22.43	70.24	-	-	P	V
		17956	50.23	-3.77	54	50	48.04	22.43	70.24	-	-	A	V
													V
													V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 40 5200MHz		10400	48.28	-19.92	68.2	61.46	39.51	16.43	69.12	-	-	P	H
		10960	49.24	-24.76	74	60.51	40.17	16.93	68.37	-	-	P	H
		10960	38.82	-15.18	54	50.09	40.17	16.93	68.37	-	-	A	H
		13347	48.62	-25.38	74	57.7	39.5	18.93	67.51	-	-	P	H
		13347	39.95	-14.05	54	49.03	39.5	18.93	67.51	-	-	A	H
		14480	50.83	-23.17	74	57.11	41.95	19.74	67.97	-	-	P	H
		14480	42.15	-11.85	54	48.43	41.95	19.74	67.97	-	-	A	H
		15600	46.51	-27.49	74	56.32	38	20.4	68.21	-	-	P	H
		18000	58.27	-15.73	74	56.69	48.82	22.48	69.72	-	-	P	H
		18000	50.39	-3.61	54	48.81	48.82	22.48	69.72	-	-	A	H
													H
													H
		10400	47.19	-21.01	68.2	60.39	39.49	16.43	69.12	-	-	P	V
		11411	48.73	-25.27	74	59.46	39.95	17.34	68.02	-	-	P	V
		11411	39.05	-14.95	54	49.78	39.95	17.34	68.02	-	-	A	V
		13391	48.45	-25.55	74	57.24	39.66	18.96	67.41	-	-	P	V
		13391	40.24	-13.76	54	49.03	39.66	18.96	67.41	-	-	A	V
		14491	51.22	-22.78	74	57.51	41.95	19.74	67.98	-	-	P	V
		14491	41.92	-12.08	54	48.21	41.95	19.74	67.98	-	-	A	V
		15600	46.53	-27.47	74	56.26	38.08	20.4	68.21	-	-	P	V
		17989	57.72	-16.28	74	56.32	48.79	22.46	69.85	-	-	P	V
		17989	50.32	-3.68	54	48.92	48.79	22.46	69.85	-	-	A	V
													V
													V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 48 5240MHz		7858	48.34	-19.86	68.2	64.64	36.58	14.56	67.44	-	-	P	H
		10480	51.07	-17.13	68.2	63.69	39.7	16.5	68.82	-	-	P	H
		12038	48.56	-25.44	74	58.97	39.25	17.91	67.57	-	-	P	H
		12038	38.59	-15.41	54	49	39.25	17.91	67.57	-	-	A	H
		13358	48.63	-25.37	74	57.64	39.53	18.94	67.48	-	-	P	H
		13358	40.56	-13.44	54	49.57	39.53	18.94	67.48	-	-	A	H
		14480	51.1	-22.9	74	57.38	41.95	19.74	67.97	-	-	P	H
		14480	41.93	-12.07	54	48.21	41.95	19.74	67.97	-	-	A	H
		15720	46.78	-27.22	74	57.44	37.62	20.48	68.76	-	-	P	H
		18000	58.81	-15.19	74	57.23	48.82	22.48	69.72	-	-	P	H
		18000	50.55	-3.45	54	48.97	48.82	22.48	69.72	-	-	A	H
													H
		7858	58.04	-10.16	68.2	74.26	36.66	14.56	67.44	-	-	P	V
		10480	49.81	-18.39	68.2	62.49	39.64	16.5	68.82	-	-	P	V
		11301	48.91	-25.09	74	60.28	39.7	17.24	68.31	-	-	P	V
		11301	38.81	-15.19	54	50.18	39.7	17.24	68.31	-	-	A	V
		13391	49.19	-24.81	74	57.98	39.66	18.96	67.41	-	-	P	V
		13391	41.22	-12.78	54	50.01	39.66	18.96	67.41	-	-	A	V
		14480	51.67	-22.33	74	57.98	41.92	19.74	67.97	-	-	P	V
		14480	42.84	-11.16	54	49.15	41.92	19.74	67.97	-	-	A	V
		15720	47.23	-26.77	74	57.78	37.73	20.48	68.76	-	-	P	V
		17989	58.63	-15.37	74	57.23	48.79	22.46	69.85	-	-	P	V
		17989	50.45	-3.55	54	49.05	48.79	22.46	69.85	-	-	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

**Band 1 5150~5250MHz****WIFI 802.11ac VHT20 (Band Edge @ 3m)**

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 36 5180MHz		5144.04	56.03	-17.97	74	43.25	32.05	11.08	30.35	301	145	P	H
		5148.46	45.69	-8.31	54	32.92	32.04	11.08	30.35	301	145	A	H
		4840	53.56	-20.44	74	41.85	31.48	10.65	30.42	-	-	P	H
		4840	44.12	-9.88	54	32.41	31.48	10.65	30.42	-	-	A	H
	*	5180	98.51	-	-	85.89	31.88	11.1	30.36	301	145	P	H
	*	5180	93.48	-	-	80.86	31.88	11.1	30.36	301	145	A	H
		5410	53.74	-20.26	74	41.04	31.74	11.31	30.35	-	-	P	H
		5410	45.18	-8.82	54	32.48	31.74	11.31	30.35	-	-	A	H
		5149.24	64.05	-9.95	74	51.3	32.02	11.08	30.35	155	202	P	V
		5148.72	52.31	-1.69	54	39.56	32.02	11.08	30.35	155	202	A	V
		4846	54.07	-19.93	74	42.29	31.54	10.66	30.42	-	-	P	V
		4846	44.48	-9.52	54	32.7	31.54	10.66	30.42	-	-	A	V
	*	5180	107.68	-	-	95.06	31.88	11.1	30.36	155	202	P	V
	*	5180	102.21	-	-	89.59	31.88	11.1	30.36	155	202	A	V
		5434	54.53	-19.47	74	41.77	31.77	11.35	30.36	-	-	P	V
		5434	45.35	-8.65	54	32.59	31.77	11.35	30.36	-	-	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 40 5200MHz		5144.04	52.97	-21.03	74	40.19	32.05	11.08	30.35	400	144	P	H
		5148.46	49.02	-4.98	54	36.25	32.04	11.08	30.35	400	144	A	H
		4822	53.88	-20.12	74	42.2	31.49	10.61	30.42	-	-	P	H
		4822	43.89	-10.11	54	32.21	31.49	10.61	30.42	-	-	A	H
	*	5200	99.86	-	-	87.33	31.78	11.11	30.36	400	144	P	H
	*	5200	94.89	-	-	82.36	31.78	11.11	30.36	400	144	A	H
		5430.04	53.26	-20.74	74	40.49	31.79	11.34	30.36	400	144	P	H
		5455.24	46.67	-7.33	54	33.8	31.85	11.38	30.36	400	144	A	H
		5145.86	54.79	-19.21	74	42.04	32.02	11.08	30.35	200	169	P	V
		5124.8	51.48	-2.52	54	38.76	32.02	11.06	30.36	200	169	A	V
		4948	54.77	-19.23	74	42.91	31.38	10.88	30.4	-	-	P	V
		4948	44.36	-9.64	54	32.5	31.38	10.88	30.4	-	-	A	V
	*	5200	108.15	-	-	95.61	31.79	11.11	30.36	200	169	P	V
	*	5200	101.71	-	-	89.17	31.79	11.11	30.36	200	169	A	V
		5428.08	53.15	-20.85	74	40.42	31.75	11.34	30.36	200	169	P	V
		5412.68	49.11	-4.89	54	36.45	31.7	11.31	30.35	200	169	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 48 5240MHz		5147.16	53.77	-20.23	74	41	32.04	11.08	30.35	400	259	P	H
		5003.64	47.08	-6.92	54	34.81	31.66	10.99	30.38	400	259	A	H
		4852	53.68	-20.32	74	41.96	31.47	10.67	30.42	-	-	P	H
		4852	44.14	-9.86	54	32.42	31.47	10.67	30.42	-	-	A	H
	*	5240	105.2	-	-	92.79	31.6	11.15	30.34	400	259	P	H
	*	5240	98.02	-	-	85.61	31.6	11.15	30.34	400	259	A	H
		5450.48	53.01	-20.99	74	40.16	31.84	11.37	30.36	400	259	P	H
		5424.44	47.74	-6.26	54	34.98	31.78	11.33	30.35	400	259	A	H
		5149.5	57.43	-16.57	74	44.68	32.02	11.08	30.35	200	195	P	V
		5008.84	52.67	-1.33	54	40.23	31.82	11	30.38	200	195	A	V
		4894	56.27	-17.73	74	44.6	31.31	10.76	30.4	-	-	P	V
		4894	45.18	-8.82	54	33.51	31.31	10.76	30.4	-	-	A	V
	*	5240	113.91	-	-	101.45	31.65	11.15	30.34	200	195	P	V
	*	5240	107.67	-	-	95.21	31.65	11.15	30.34	200	195	A	V
		5419.4	62.04	-11.96	74	49.34	31.73	11.32	30.35	200	195	P	V
		5434.52	53.36	-0.64	54	40.6	31.77	11.35	30.36	200	195	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 36 5180MHz		10360	50.43	-17.77	68.2	63.8	39.41	15.85	69.17	-	-	P	H
		11422	49.01	-24.99	74	59.59	40.05	16.72	67.98	-	-	P	H
		11422	38.78	-15.22	54	49.36	40.05	16.72	67.98	-	-	A	H
		13347	49.29	-24.71	74	58.37	39.5	18.25	67.51	-	-	P	H
		13347	40.53	-13.47	54	49.61	39.5	18.25	67.51	-	-	A	H
		14491	51.07	-22.93	74	57.37	41.94	19.06	67.98	-	-	P	H
		14491	42.43	-11.57	54	48.73	41.94	19.06	67.98	-	-	A	H
		15540	47.99	-26.01	74	57.73	38.19	19.71	68.3	-	-	P	H
		18000	58.99	-15.01	74	57.41	48.82	21.79	69.72	-	-	P	H
		18000	50.46	-3.54	54	48.88	48.82	21.79	69.72	-	-	A	H
													H
		7770	53.74	-14.46	68.2	70.3	36.29	13.66	67.31	-	-	P	V
		8639	48.26	-19.94	68.2	63.94	37.34	14.41	68.03	-	-	P	V
		10360	48.39	-19.81	68.2	61.84	39.33	15.85	69.17	-	-	P	V
		11400	49.95	-24.05	74	60.76	39.92	16.7	68.06	-	-	P	V
		11400	39.13	-14.87	54	49.94	39.92	16.7	68.06	-	-	A	V
		13380	49.75	-24.25	74	58.61	39.61	18.28	67.43	-	-	P	V
		13380	40.98	-13.02	54	49.84	39.61	18.28	67.43	-	-	A	V
		14491	50.73	-23.27	74	57.02	41.95	19.06	67.98	-	-	P	V
		14491	41.83	-12.17	54	48.12	41.95	19.06	67.98	-	-	A	V
		15540	49.25	-24.75	74	58.89	38.29	19.71	68.3	100	220	P	V
		15540	38.98	-15.02	54	48.62	38.29	19.71	68.3	100	220	A	V
		18000	59.85	-14.15	74	58.05	49.04	21.79	69.72	-	-	P	V
		18000	50.69	-3.31	54	48.89	49.04	21.79	69.72	-	-	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 40 5200MHz		10400	47.65	-20.55	68.2	60.83	39.51	16.43	69.12	-	-	P	H
		11037	49.17	-24.83	74	60.22	40.11	17.01	68.17	-	-	P	H
		11037	39.13	-14.87	54	50.18	40.11	17.01	68.17	-	-	A	H
		13369	49.54	-24.46	74	58.49	39.56	18.95	67.46	-	-	P	H
		13369	40.69	-13.31	54	49.64	39.56	18.95	67.46	-	-	A	H
		14491	50.24	-23.76	74	56.54	41.94	19.74	67.98	-	-	P	H
		14491	41.35	-12.65	54	47.65	41.94	19.74	67.98	-	-	A	H
		15600	47.35	-26.65	74	57.16	38	20.4	68.21	-	-	P	H
		17989	58.07	-15.93	74	56.93	48.53	22.46	69.85	-	-	P	H
		17989	50.33	-3.67	54	49.19	48.53	22.46	69.85	-	-	A	H
													H
													H
		7792	50.95	-17.25	68.2	67.54	36.34	14.47	67.4	-	-	P	V
		8672	46.86	-21.34	68.2	62.52	37.44	15.05	68.15	-	-	P	V
		10400	47.9	-20.3	68.2	61.1	39.49	16.43	69.12	-	-	P	V
		11268	49.55	-24.45	74	61	39.65	17.22	68.32	-	-	P	V
		11268	39.62	-14.38	54	51.07	39.65	17.22	68.32	-	-	A	V
		13303	49.45	-24.55	74	58.92	39.31	18.9	67.68	-	-	P	V
		13303	40.53	-13.47	54	50	39.31	18.9	67.68	-	-	A	V
		14480	50.38	-23.62	74	56.69	41.92	19.74	67.97	-	-	P	V
		14480	41.4	-12.6	54	47.71	41.92	19.74	67.97	-	-	A	V
		15600	47.9	-26.1	74	57.63	38.08	20.4	68.21	-	-	P	V
		17989	59.42	-14.58	74	58.02	48.79	22.46	69.85	-	-	P	V
		17989	50.41	-3.59	54	49.01	48.79	22.46	69.85	-	-	A	V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3+4						(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT20 CH 48 5240MHz		7858	51.57	-16.63	68.2	67.71	36.58	14.72	67.44	322	302	P	H
		10480	58.97	-9.23	68.2	71.21	39.7	16.88	68.82	200	235	P	H
		11444	49.35	-24.65	74	59.26	40.1	17.88	67.89	-	-	P	H
		11444	39.21	-14.79	54	49.12	40.1	17.88	67.89	-	-	A	H
		14480	51.33	-22.67	74	57.01	41.95	20.34	67.97	-	-	P	H
		14480	42.08	-11.92	54	47.76	41.95	20.34	67.97	-	-	A	H
		15720	47.69	-26.31	74	57.97	37.62	20.86	68.76	-	-	P	H
		17989	59.03	-14.97	74	58.42	48.53	21.93	69.85	-	-	P	H
		17989	49.18	-4.82	54	48.57	48.53	21.93	69.85	-	-	A	H
													H
													H
													H
		7858	57.53	-10.67	68.2	73.59	36.66	14.72	67.44	202	16	P	V
		10480	59.7	-8.5	68.2	72	39.64	16.88	68.82	226	336	P	V
		11356	48.74	-25.26	74	59.31	39.84	17.79	68.2	-	-	P	V
		11356	38.54	-15.46	54	49.11	39.84	17.79	68.2	-	-	A	V
		14500	51.48	-16.72	68.2	57.15	41.97	20.35	67.99	-	-	P	V
		14500	41.94	-12.06	54	47.61	41.97	20.35	67.99	-	-	A	V
		15720	47.94	-26.06	74	58.11	37.73	20.86	68.76	-	-	P	V
		17978	59.27	-14.73	74	58.78	48.54	21.93	69.98	-	-	P	V
	17978	48.89	-5.11	54	48.4	48.54	21.93	69.98	-	-	A	V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 38 5190MHz		5131.3	57.8	-16.2	74	45.01	32.08	11.07	30.36	326	150	P	H
		5146.12	47.04	-6.96	54	34.27	32.04	11.08	30.35	326	150	A	H
		4846	54.2	-19.8	74	42.48	31.48	10.66	30.42	-	-	P	H
		4846	43.97	-10.03	54	32.25	31.48	10.66	30.42	-	-	A	H
	*	5190	96.16	-	-	83.59	31.83	11.1	30.36	326	150	P	H
	*	5190	90.83	-	-	78.26	31.83	11.1	30.36	326	150	A	H
		5417.72	51.85	-22.15	74	39.12	31.76	11.32	30.35	400	75	P	H
		5385.24	43.64	-10.36	54	31.03	31.68	11.28	30.35	400	75	A	H
		5149.24	61.36	-12.64	74	48.61	32.02	11.08	30.35	100	219	P	V
		5149.76	52.76	-1.24	54	40.01	32.02	11.08	30.35	100	219	A	V
		4816	55.17	-18.83	74	43.46	31.54	10.59	30.42	-	-	P	V
		4816	44.47	-9.53	54	32.76	31.54	10.59	30.42	-	-	A	V
	*	5190	105.49	-	-	92.92	31.83	11.1	30.36	100	219	P	V
	*	5190	98.99	-	-	86.42	31.83	11.1	30.36	100	219	A	V
		5432.56	53.31	-20.69	74	40.56	31.77	11.34	30.36	146	357	P	V
		5419.12	50.79	-3.21	54	38.1	31.72	11.32	30.35	146	357	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 46 5230MHz		5148.72	53.77	-20.23	74	41	32.04	11.08	30.35	400	260	P	H
		5098.54	45.12	-8.88	54	32.28	32.16	11.05	30.37	400	260	A	H
		4828	53.5	-20.5	74	41.81	31.49	10.62	30.42	-	-	P	H
		4828	44.3	-9.7	54	32.61	31.49	10.62	30.42	-	-	A	H
	*	5230	95.26	-	-	82.82	31.65	11.14	30.35	400	260	P	H
	*	5230	89.09	-	-	76.65	31.65	11.14	30.35	400	260	A	H
		5391.12	52.81	-21.19	74	40.18	31.7	11.28	30.35	400	260	P	H
		5440.96	46.02	-7.98	54	33.2	31.82	11.36	30.36	400	260	A	H
		5124.54	55.95	-18.05	74	43.23	32.02	11.06	30.36	100	201	P	V
		5015.34	51.88	-2.12	54	39.42	31.84	11	30.38	100	201	A	V
		4864	55.25	-18.75	74	43.5	31.46	10.7	30.41	-	-	P	V
		4864	45.16	-8.84	54	33.41	31.46	10.7	30.41	-	-	A	V
	*	5230	105.5	-	-	93.03	31.68	11.14	30.35	100	201	P	V
	*	5230	98.93	-	-	86.46	31.68	11.14	30.35	100	201	A	V
		5438.72	53.99	-20.01	74	41.21	31.79	11.35	30.36	100	201	P	V
		5437.88	53.52	-0.48	54	40.75	31.78	11.35	30.36	100	201	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 38 5190MHz		10380	52.56	-15.64	68.2	65.46	39.46	16.78	69.14	199	241	P	H
		11598	49.2	-24.8	74	58.73	40	18.04	67.57	-	-	P	H
		11598	39.25	-14.75	54	48.78	40	18.04	67.57	-	-	A	H
		14491	51.83	-22.17	74	57.53	41.94	20.34	67.98	-	-	P	H
		14491	41.97	-12.03	54	47.67	41.94	20.34	67.98	-	-	A	H
		15570	47.16	-26.84	74	56.52	38.08	20.79	68.23	-	-	P	H
		18000	59.14	-14.86	74	58.09	48.82	21.95	69.72	-	-	P	H
		18000	49.56	-4.44	54	48.51	48.82	21.95	69.72	-	-	A	H
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													H
													H
		10380	52.27	-15.93	68.2	65.22	39.41	16.78	69.14	223	338	P	V
		12203	49.23	-24.77	74	58.4	39.26	18.62	67.05	-	-	P	V
		12203	39.63	-14.37	54	48.8	39.26	18.62	67.05	-	-	A	V
		14490	51.66	-22.34	74	57.36	41.94	20.34	67.98	-	-	P	V
		14490	42.07	-11.93	54	47.77	41.94	20.34	67.98	-	-	A	V
		15570	47.4	-26.6	74	56.66	38.18	20.79	68.23	-	-	P	V
		18000	59.26	-14.74	74	57.99	49.04	21.95	69.72	-	-	P	V
		18000	49.56	-4.44	54	48.29	49.04	21.95	69.72	-	-	A	V
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WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	Level (dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11ac VHT40 CH 46 5230MHz		10460	47.94	-20.26	68.2	60.34	39.65	16.86	68.91	-	-	P	H
		11389	49.73	-24.27	74	60.03	39.98	17.82	68.1	-	-	P	H
		11389	38.82	-15.18	54	49.12	39.98	17.82	68.1	-	-	A	H
		14480	50.86	-23.14	74	56.54	41.95	20.34	67.97	-	-	P	H
		14480	41.87	-12.13	54	47.55	41.95	20.34	67.97	-	-	A	H
		15690	47.29	-26.71	74	57.4	37.7	20.85	68.66	-	-	P	H
		17989	58.64	-15.36	74	58.03	48.53	21.93	69.85	-	-	P	H
		17989	48.94	-5.06	54	48.33	48.53	21.93	69.85	-	-	A	H
													H
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													H
													H
		7858	48.54	-19.66	68.2	64.6	36.66	14.72	67.44	113	352	P	V
		10460	47.69	-20.51	68.2	60.13	39.61	16.86	68.91	-	-	P	V
		12104	49.27	-24.73	74	58.73	39.22	18.54	67.22	-	-	P	V
		12104	39.33	-14.67	54	48.79	39.22	18.54	67.22	-	-	A	V
		14491	51.27	-22.73	74	56.96	41.95	20.34	67.98	-	-	P	V
		14491	42.14	-11.86	54	47.83	41.95	20.34	67.98	-	-	A	V
		15690	47.9	-26.1	74	57.91	37.8	20.85	68.66	-	-	P	V
		18000	60.43	-13.57	74	59.16	49.04	21.95	69.72	-	-	P	V
	18000	49.66	-4.34	54	48.39	49.04	21.95	69.72	-	-	A	V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5140.14	55.11	-18.89	74	42.33	32.06	11.07	30.35	200	256	P	H
		5141.7	44.95	-9.05	54	32.17	32.05	11.08	30.35	200	256	A	H
		4846	54.38	-19.62	74	42.66	31.48	10.66	30.42	-	-	P	H
		4846	44.43	-9.57	54	32.71	31.48	10.66	30.42	-	-	A	H
	*	5210	83.27	-	-	70.77	31.74	11.12	30.36	200	256	P	H
	*	5210	76.32	-	-	63.82	31.74	11.12	30.36	200	256	A	H
		5451.04	53.32	-20.68	74	40.46	31.85	11.37	30.36	200	256	P	H
		5440.12	44.25	-9.75	54	31.43	31.82	11.36	30.36	200	256	A	H
		5147.42	57.17	-16.83	74	44.42	32.02	11.08	30.35	400	197	P	V
		5123.76	51.06	-2.94	54	38.34	32.02	11.06	30.36	400	197	A	V
		4810	54.36	-19.64	74	42.66	31.54	10.58	30.42	-	-	P	V
		4810	44.19	-9.81	54	32.49	31.54	10.58	30.42	-	-	A	V
	*	5210	93.56	-	-	81.05	31.75	11.12	30.36	400	197	P	V
	*	5210	86.88	-	-	74.37	31.75	11.12	30.36	400	197	A	V
		5377.12	53.22	-20.78	74	40.71	31.59	11.27	30.35	400	197	P	V
		5449.36	49.92	-4.08	54	37.09	31.82	11.37	30.36	400	197	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	46.86	-21.34	68.2	59.91	39.55	16.45	69.05	-	-	P	H
		11389	49.24	-24.76	74	60.03	39.98	17.33	68.1	-	-	P	H
		11389	40.13	-13.87	54	50.92	39.98	17.33	68.1	-	-	A	H
		13380	49.75	-24.25	74	58.62	39.6	18.96	67.43	-	-	P	H
		13380	39.84	-14.16	54	48.71	39.6	18.96	67.43	-	-	A	H
		14491	50.64	-23.36	74	56.94	41.94	19.74	67.98	-	-	P	H
		14491	39.95	-14.05	54	46.25	41.94	19.74	67.98	-	-	A	H
		15630	46.42	-27.58	74	56.45	37.9	20.42	68.35	-	-	P	H
		17978	59.16	-14.84	74	58.44	48.25	22.45	69.98	-	-	P	H
		17978	49.45	-4.55	54	48.73	48.25	22.45	69.98	-	-	A	H
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		10420	46.7	-21.5	68.2	59.77	39.53	16.45	69.05	-	-	P	V
		11466	49.22	-24.78	74	59.57	40.07	17.4	67.82	-	-	P	V
		11466	39.41	-14.59	54	49.76	40.07	17.4	67.82	-	-	A	V
		13391	50.28	-23.72	74	59.07	39.66	18.96	67.41	-	-	P	V
		13391	41.13	-12.87	54	49.92	39.66	18.96	67.41	-	-	A	V
		14491	50.97	-23.03	74	57.26	41.95	19.74	67.98	-	-	P	V
		14491	41.4	-12.6	54	47.69	41.95	19.74	67.98	-	-	A	V
		15630	46.57	-27.43	74	56.53	37.97	20.42	68.35	-	-	P	V
		18000	59.25	-14.75	74	57.45	49.04	22.48	69.72	-	-	P	V
		18000	49.4	-4.6	54	47.6	49.04	22.48	69.72	-	-	A	V
													V
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Remark	- No other spurious found. - All results are PASS against Peak and Average limit line. - The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. - The emission level close to 18GHz is checked that the average emission level is noise floor only.												

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

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		5125.8	53.07	-20.93	74	40.26	32.1	11.07	30.36	400	150	P	H
		5130.56	44.37	-9.63	54	31.58	32.08	11.07	30.36	400	150	A	H
		4888	54.3	-19.7	74	42.51	31.44	10.75	30.4	-	-	P	H
		4888	44.15	-9.85	54	32.36	31.44	10.75	30.4	-	-	A	H
	*	5260	101.61	-	-	89.25	31.54	11.16	30.34	400	150	P	H
	*	5260	94.34	-	-	81.98	31.54	11.16	30.34	400	150	A	H
		5454	53.35	-20.65	74	40.48	31.85	11.38	30.36	400	150	P	H
		5460	43.97	-10.03	54	31.08	31.86	11.39	30.36	400	150	A	H
		5068	53.85	-20.15	74	41.22	31.98	11.03	30.38	106	208	P	V
		5146.2	45.05	-8.95	54	32.3	32.02	11.08	30.35	106	208	A	V
		4978	54.93	-19.07	74	42.77	31.61	10.94	30.39	-	-	P	V
		4978	44.63	-9.37	54	32.47	31.61	10.94	30.39	-	-	A	V
	*	5260	110.81	-	-	98.42	31.57	11.16	30.34	106	208	P	V
	*	5260	103.55	-	-	91.16	31.57	11.16	30.34	106	208	A	V
		5374.32	54.72	-19.28	74	42.23	31.58	11.27	30.36	106	208	P	V
		5442.72	53.18	-0.82	54	40.38	31.8	11.36	30.36	106	208	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 60 5300MHz		5001.02	52.8	-21.2	74	40.54	31.65	10.99	30.38	287	152	P	H
		5148.24	44.9	-9.1	54	32.13	32.04	11.08	30.35	287	152	A	H
		4870	54.06	-19.94	74	42.3	31.46	10.71	30.41	-	-	P	H
		4870	44.1	-9.9	54	32.34	31.46	10.71	30.41	-	-	A	H
	*	5300	102.6	-	-	90.27	31.47	11.2	30.34	287	152	P	H
	*	5300	95.29	-	-	82.96	31.47	11.2	30.34	287	152	A	H
		5429.52	52.82	-21.18	74	40.05	31.79	11.34	30.36	287	152	P	H
		5361.84	45.17	-8.83	54	32.64	31.63	11.26	30.36	287	152	A	H
		5142.8	53.35	-20.65	74	40.6	32.02	11.08	30.35	123	208	P	V
		5132.6	45.49	-8.51	54	32.76	32.02	11.07	30.36	123	208	A	V
		4900	55.29	-18.71	74	43.64	31.28	10.77	30.4	-	-	P	V
		4900	44.76	-9.24	54	33.11	31.28	10.77	30.4	-	-	A	V
	*	5300	111.59	-	-	99.34	31.39	11.2	30.34	123	208	P	V
	*	5300	104.29	-	-	92.04	31.39	11.2	30.34	123	208	A	V
		5352	59.37	-14.63	74	46.97	31.51	11.25	30.36	123	208	P	V
		5373.36	53.54	-0.46	54	41.05	31.58	11.27	30.36	123	208	A	V
802.11a CH 64 5320MHz		4852	53.34	-20.66	74	41.33	31.47	10.67	30.13	-	-	P	H
		4852	44.4	-9.6	54	32.39	31.47	10.67	30.13	-	-	A	H
	*	5320	101.16	-	-	88.49	31.52	11.23	30.08	306	147	P	H
	*	5320	93.93	-	-	81.26	31.52	11.23	30.08	306	147	A	H
		5353.92	53.52	-20.48	74	40.72	31.61	11.26	30.07	306	147	P	H
		5352.8	45.33	-8.67	54	32.53	31.61	11.26	30.07	306	147	A	H
		5098	53.88	-20.12	74	40.9	32.01	11.05	30.08	-	-	P	V
		5098	45.77	-8.23	54	32.79	32.01	11.05	30.08	-	-	A	V
	*	5320	109.64	-	-	97.06	31.43	11.23	30.08	100	209	P	V
	*	5320	102.09	-	-	89.51	31.43	11.23	30.08	100	209	A	V
		5350.72	60.98	-13.02	74	48.29	31.5	11.26	30.07	100	209	P	V
		5350.08	53.53	-0.47	54	40.84	31.5	11.26	30.07	100	209	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		7011	51.9	-16.3	68.2	69.27	35.32	13.95	66.64	-	-	P	H
		7891	48.33	-19.87	68.2	64.41	36.71	14.59	67.38	-	-	P	H
		10520	50.64	-17.56	68.2	63.01	39.74	16.54	68.65	-	-	P	H
		11719	48.96	-25.04	74	59.65	39.41	17.63	67.73	-	-	P	H
		11719	38.87	-15.13	54	49.56	39.41	17.63	67.73	-	-	A	H
		13259	49.51	-24.49	74	59.39	39.14	18.86	67.88	-	-	P	H
		13259	41.33	-12.67	54	51.21	39.14	18.86	67.88	-	-	A	H
		14480	50.75	-23.25	74	57.03	41.95	19.74	67.97	-	-	P	H
		14480	42.51	-11.49	54	48.79	41.95	19.74	67.97	-	-	A	H
		15780	46.41	-27.59	74	57.17	37.48	20.51	68.75	-	-	P	H
		17989	58.09	-15.91	74	56.95	48.53	22.46	69.85	-	-	P	H
		17989	50.24	-3.76	54	49.1	48.53	22.46	69.85	-	-	A	H
		7011	59.2	-9	68.2	76.61	35.28	13.95	66.64	-	-	P	V
		7891	55.69	-12.51	68.2	71.7	36.78	14.59	67.38	-	-	P	V
		10520	48.63	-19.57	68.2	61.07	39.67	16.54	68.65	-	-	P	V
		11477	48.68	-25.32	74	58.97	40.08	17.41	67.78	-	-	P	V
		11477	38.57	-15.43	54	48.86	40.08	17.41	67.78	-	-	A	V
		13369	50.69	-23.31	74	59.64	39.56	18.95	67.46	-	-	P	V
		13369	42.41	-11.59	54	51.36	39.56	18.95	67.46	-	-	A	V
		14491	50.64	-23.36	74	56.93	41.95	19.74	67.98	-	-	P	V
		14491	42.36	-11.64	54	48.65	41.95	19.74	67.98	-	-	A	V
		15780	46.65	-27.35	74	57.27	37.62	20.51	68.75	-	-	P	V
		17989	58.41	-15.59	74	57.01	48.79	22.46	69.85	-	-	P	V
		17989	50.38	-3.62	54	48.98	48.79	22.46	69.85	-	-	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
i802.11a CH 60 5300MHz		10600	47.88	-26.12	74	59.95	39.68	16.61	68.36	-	-	P	H
		11422	49.3	-24.7	74	59.81	40.05	17.35	67.91	-	-	P	H
		11422	39.28	-14.72	54	49.79	40.05	17.35	67.91	-	-	A	H
		14491	51.02	-22.98	74	57.08	41.94	19.74	67.74	-	-	P	H
		14491	42.59	-11.41	54	48.65	41.94	19.74	67.74	-	-	A	H
		15900	46.22	-27.78	74	56.65	37.37	20.59	68.39	-	-	P	H
		17989	59.06	-14.94	74	57.62	48.53	22.46	69.55	-	-	P	H
		17989	50.56	-3.44	54	49.12	48.53	22.46	69.55	-	-	A	H
													H
													H
													H
													H
		7066	50.61	-17.59	68.2	67.17	35.67	13.95	66.18	-	-	P	V
		7957	50.82	-17.38	68.2	66.17	37.04	14.67	67.06	-	-	P	V
		10600	47.04	-26.96	74	59.12	39.67	16.61	68.36	-	-	P	V
		11554	49.07	-24.93	74	59.08	40.03	17.48	67.52	-	-	P	V
		11554	39.25	-14.75	54	49.26	40.03	17.48	67.52	-	-	A	V
		14491	50.23	-23.77	74	56.28	41.95	19.74	67.74	-	-	P	V
		14491	42.71	-11.29	54	48.76	41.95	19.74	67.74	-	-	A	V
		15900	46.67	-27.33	74	57.03	37.44	20.59	68.39	-	-	P	V
		18000	59.48	-14.52	74	57.38	49.04	22.48	69.42	-	-	P	V
		18000	51.07	-2.93	54	48.97	49.04	22.48	69.42	-	-	A	V
													V
													V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 64 5320MHz		10640	47.5	-26.5	74	59.54	39.68	16.65	68.37	-	-	P	H
		11400	49.51	-24.49	74	60.19	40.01	17.33	68.02	-	-	P	H
		11400	39.33	-14.67	54	50.01	40.01	17.33	68.02	-	-	A	H
		14491	51.06	-22.94	74	57.12	41.94	19.74	67.74	-	-	P	H
		14491	42.55	-11.45	54	48.61	41.94	19.74	67.74	-	-	A	H
		15960	46.51	-27.49	74	56.74	37.33	20.63	68.19	-	-	P	H
		17978	59.26	-14.74	74	58.23	48.25	22.45	69.67	-	-	P	H
		17978	50.59	-3.41	54	49.56	48.25	22.45	69.67	-	-	A	H
													H
													H
													H
													H
		7979	49.71	-18.49	68.2	64.94	37.15	14.69	67.07	-	-	P	V
		10640	46.84	-27.16	74	58.96	39.6	16.65	68.37	-	-	P	V
		11642	49.56	-24.44	74	59.72	39.79	17.55	67.5	-	-	P	V
		11642	39.06	-14.94	54	49.22	39.79	17.55	67.5	-	-	A	V
		14491	50.89	-23.11	74	56.94	41.95	19.74	67.74	-	-	P	V
		14491	42.27	-11.73	54	48.32	41.95	19.74	67.74	-	-	A	V
		15960	47.29	-26.71	74	57.36	37.49	20.63	68.19	-	-	P	V
		17989	60.12	-13.88	74	58.42	48.79	22.46	69.55	-	-	P	V
		17989	50.41	-3.59	54	48.71	48.79	22.46	69.55	-	-	A	V
													V
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													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 52 5260MHz		5125.12	53.03	-20.97	74	40.22	32.1	11.07	30.36	293	147	P	H
		5149.94	45.38	-8.62	54	32.62	32.03	11.08	30.35	293	147	A	H
		4870	53.53	-20.47	74	41.77	31.46	10.71	30.41	-	-	P	H
		4870	44.33	-9.67	54	32.57	31.46	10.71	30.41	-	-	A	H
	*	5260	102.65	-	-	90.29	31.54	11.16	30.34	293	147	P	H
	*	5260	96.38	-	-	84.02	31.54	11.16	30.34	293	147	A	H
		5453.52	53.63	-20.37	74	40.76	31.85	11.38	30.36	293	147	P	H
		5430.72	47.36	-6.64	54	34.58	31.8	11.34	30.36	293	147	A	H
		5143.82	55.97	-18.03	74	43.22	32.02	11.08	30.35	101	197	P	V
		5067.32	51.48	-2.52	54	38.85	31.98	11.03	30.38	101	197	A	V
		4834	55.61	-18.39	74	43.86	31.54	10.63	30.42	-	-	P	V
		4834	45.09	-8.91	54	33.34	31.54	10.63	30.42	-	-	A	V
	*	5260	110.9	-	-	98.51	31.57	11.16	30.34	101	197	P	V
	*	5260	104.28	-	-	91.89	31.57	11.16	30.34	101	197	A	V
		5364.72	57.48	-16.52	74	45.03	31.55	11.26	30.36	101	197	P	V
		5393.04	53.25	-0.75	54	40.68	31.64	11.28	30.35	101	197	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 60 5300MHz		5109.14	52.51	-21.49	74	39.68	32.14	11.06	30.37	400	156	P	H
		5128.86	43.97	-10.03	54	31.17	32.09	11.07	30.36	400	156	A	H
		4870	54.17	-19.83	74	42.41	31.46	10.71	30.41	-	-	P	H
		4870	44.54	-9.46	54	32.78	31.46	10.71	30.41	-	-	A	H
	*	5300	100.83	-	-	88.5	31.47	11.2	30.34	400	156	P	H
	*	5300	94.17	-	-	81.84	31.47	11.2	30.34	400	156	A	H
		5351.04	57.53	-16.47	74	45.04	31.6	11.25	30.36	400	156	P	H
		5350.56	45	-9	54	32.51	31.6	11.25	30.36	400	156	A	H
		5006.12	53.57	-20.43	74	41.15	31.81	10.99	30.38	229	167	P	V
		5056.44	47.76	-6.24	54	35.16	31.96	11.02	30.38	229	167	A	V
		4924	54.27	-19.73	74	42.51	31.33	10.83	30.4	-	-	P	V
		4924	44.57	-9.43	54	32.81	31.33	10.83	30.4	-	-	A	V
	*	5300	109.7	-	-	97.45	31.39	11.2	30.34	229	167	P	V
	*	5300	103.2	-	-	90.95	31.39	11.2	30.34	229	167	A	V
		5358.96	61.31	-12.69	74	48.89	31.53	11.25	30.36	229	167	P	V
802.11ac VHT20 CH 64 5320MHz		4984	53.5	-20.5	74	41.05	31.59	10.96	30.1	-	-	P	H
		4984	45.96	-8.04	54	33.51	31.59	10.96	30.1	-	-	A	H
	*	5320	100.32	-	-	87.65	31.52	11.23	30.08	306	154	P	H
	*	5320	89.11	-	-	76.44	31.52	11.23	30.08	306	154	A	H
		5351.04	53.7	-20.3	74	40.91	31.6	11.26	30.07	306	154	P	H
		5351.04	45.72	-8.28	54	32.93	31.6	11.26	30.07	306	154	A	H
		4978	54.15	-19.85	74	41.7	31.61	10.94	30.1	-	-	P	V
		4978	45.02	-8.98	54	32.57	31.61	10.94	30.1	-	-	A	V
	*	5320	109.04	-	-	96.46	31.43	11.23	30.08	100	206	P	V
	*	5320	98.07	-	-	85.49	31.43	11.23	30.08	100	206	A	V
		5352.32	59.87	-14.13	74	47.17	31.51	11.26	30.07	100	206	P	H
		5352	52.41	-1.59	54	39.71	31.51	11.26	30.07	100	206	A	H
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 52 5260MHz		7902	49.94	-18.26	68.2	65.77	36.75	14.77	67.35	327	297	P	H
		10520	55.13	-13.07	68.2	67.11	39.74	16.93	68.65	201	236	P	H
		12610	49.59	-24.41	74	58.91	38.5	18.96	66.78	-	-	P	H
		12610	39.33	-14.67	54	48.65	38.5	18.96	66.78	-	-	A	H
		14491	51.16	-22.84	74	56.86	41.94	20.34	67.98	-	-	P	H
		14491	42.11	-11.89	54	47.81	41.94	20.34	67.98	-	-	A	H
		15780	47.76	-26.24	74	58.15	37.48	20.88	68.75	-	-	P	H
		18000	59.68	-14.32	74	58.63	48.82	21.95	69.72	-	-	P	H
		18000	49.48	-4.52	54	48.43	48.82	21.95	69.72	-	-	A	H
													H
													H
													H
		7011	57.46	-10.74	68.2	74.79	35.28	14.03	66.64	112	360	P	V
		7880	55.5	-12.7	68.2	71.42	36.74	14.74	67.4	100	18	P	V
		10520	55.33	-12.87	68.2	67.38	39.67	16.93	68.65	231	337	P	V
		11092	49.34	-24.66	74	60.07	39.87	17.52	68.12	-	-	P	V
		11092	38.55	-15.45	54	49.28	39.87	17.52	68.12	-	-	A	V
		14491	51.59	-22.41	74	57.28	41.95	20.34	67.98	-	-	P	V
		14491	42.12	-11.88	54	47.81	41.95	20.34	67.98	-	-	A	V
		15780	48.71	-25.29	74	58.96	37.62	20.88	68.75	-	-	P	V
		18000	59.9	-14.1	74	58.63	49.04	21.95	69.72	-	-	P	V
		18000	49.73	-4.27	54	48.46	49.04	21.95	69.72	-	-	A	V
													V
													V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 60 5300MHz		7946	50.59	-17.61	68.2	66.02	36.96	14.83	67.22	322	303	P	H
		10600	52.65	-21.35	74	64.38	39.68	17.01	68.42	197	237	P	H
		10600	44.47	-9.53	54	56.2	39.68	17.01	68.42	197	237	A	H
		11400	50.65	-23.35	74	60.87	40.01	17.83	68.06	-	-	P	H
		11400	38.99	-15.01	54	49.21	40.01	17.83	68.06	-	-	A	H
		14480	51.35	-22.65	74	57.03	41.95	20.34	67.97	-	-	P	H
		14480	41.83	-12.17	54	47.51	41.95	20.34	67.97	-	-	A	H
		15900	47.5	-26.5	74	57.5	37.37	20.94	68.31	-	-	P	H
		17989	60.71	-13.29	74	60.1	48.53	21.93	69.85	-	-	P	H
		17989	48.81	-5.19	54	48.2	48.53	21.93	69.85	-	-	A	H
													H
													H
		7066	54.16	-14.04	68.2	70.63	35.67	14.04	66.18	107	351	P	V
		7946	55.04	-13.16	68.2	70.44	36.99	14.83	67.22	115	342	P	V
		10600	54.24	-19.76	74	65.98	39.67	17.01	68.42	226	338	P	V
		10600	45.29	-8.71	54	57.03	39.67	17.01	68.42	226	338	A	V
		12566	49.5	-24.5	74	58.92	38.41	18.93	66.76	-	-	P	V
		12566	39.3	-14.7	54	48.72	38.41	18.93	66.76	-	-	A	V
		14491	52.22	-21.78	74	57.91	41.95	20.34	67.98	-	-	P	V
		14491	42.18	-11.82	54	47.87	41.95	20.34	67.98	-	-	A	V
		15900	46.95	-27.05	74	56.88	37.44	20.94	68.31	-	-	P	V
		17978	59.37	-14.63	74	58.88	48.54	21.93	69.98	-	-	P	V
		17978	48.99	-5.01	54	48.5	48.54	21.93	69.98	-	-	A	V
													V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 64 5320MHz		10640	46.46	-27.54	74	58.5	39.68	16.65	68.37	-	-	P	H
		11191	49.43	-24.57	74	60.86	39.73	17.14	68.3	-	-	P	H
		11191	37.94	-16.06	54	49.37	39.73	17.14	68.3	-	-	A	H
		14491	51.32	-22.68	74	57.38	41.94	19.74	67.74	-	-	P	H
		14491	42.71	-11.29	54	48.77	41.94	19.74	67.74	-	-	A	H
		15960	46.95	-27.05	74	57.18	37.33	20.63	68.19	-	-	P	H
		17967	59.59	-14.41	74	58.99	47.96	22.44	69.8	-	-	P	H
		17967	50.17	-3.83	54	49.57	47.96	22.44	69.8	-	-	A	H
													H
													H
													H
													H
		7099	49.6	-18.6	68.2	65.54	35.96	13.95	65.85	-	-	P	V
		7979	49.5	-18.7	68.2	64.73	37.15	14.69	67.07	-	-	P	V
		10640	47.26	-26.74	74	59.38	39.6	16.65	68.37	-	-	P	V
		11345	49.57	-24.43	74	60.75	39.82	17.29	68.29	-	-	P	V
		11345	38.28	-15.72	54	49.46	39.82	17.29	68.29	-	-	A	V
		14491	51.05	-22.95	74	57.1	41.95	19.74	67.74	-	-	P	V
		14491	42.73	-11.27	54	48.78	41.95	19.74	67.74	-	-	A	V
		15960	48.86	-25.14	74	58.93	37.49	20.63	68.19	-	-	P	V
		18000	60.05	-13.95	74	57.95	49.04	22.48	69.42	-	-	P	V
		18000	50.99	-3.01	54	48.89	49.04	22.48	69.42	-	-	A	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 54 5270MHz		5121.72	53.74	-20.26	74	40.65	32.11	11.06	30.08	328	153	P	H
		5148.58	44.67	-9.33	54	31.62	32.04	11.08	30.07	328	153	A	H
		4852	53.92	-20.08	74	41.91	31.47	10.67	30.13	-	-	P	H
		4852	44.49	-9.51	54	32.48	31.47	10.67	30.13	-	-	A	H
	*	5270	100.86	-	-	88.23	31.52	11.17	30.06	328	153	P	H
	*	5270	93.64	-	-	81.01	31.52	11.17	30.06	328	153	A	H
		5401.92	54.59	-19.41	74	41.65	31.72	11.29	30.07	328	153	P	H
		5350.08	45.02	-8.98	54	32.24	31.6	11.25	30.07	328	153	A	H
		5009.52	53.76	-20.24	74	41.03	31.82	11	30.09	100	207	P	V
		5113.56	47.05	-6.95	54	34.05	32.02	11.06	30.08	100	207	A	V
		4972	55.34	-18.66	74	42.95	31.56	10.93	30.1	-	-	P	V
		4972	46.1	-7.9	54	33.71	31.56	10.93	30.1	-	-	A	V
	*	5270	110.13	-	-	97.5	31.52	11.17	30.06	100	207	P	V
	*	5270	102.88	-	-	90.25	31.52	11.17	30.06	100	207	A	V
		5355.6	62.27	-11.73	74	49.57	31.52	11.25	30.07	100	207	P	V
		5350.56	53.03	-0.97	54	40.35	31.5	11.25	30.07	100	207	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 62 5310MHz		5024.82	53.15	-20.85	74	40.47	31.77	11	30.09	100	27	P	H
		5147.22	45.36	-8.64	54	32.31	32.04	11.08	30.07	100	27	A	H
		4816	55.24	-18.76	74	43.28	31.5	10.59	30.13	-	-	P	H
		4816	44.47	-9.53	54	32.51	31.5	10.59	30.13	-	-	A	H
	*	5310	97.43	-	-	84.8	31.5	11.21	30.08	100	27	P	H
	*	5310	91.66	-	-	79.03	31.5	11.21	30.08	100	27	A	H
		5406.24	54.01	-19.99	74	41.05	31.73	11.3	30.07	100	27	P	H
		5352	47.99	-6.01	54	35.2	31.61	11.25	30.07	100	27	A	H
		5125.12	54.04	-19.96	74	41.02	32.02	11.07	30.07	100	28	P	V
		5135.32	45.77	-8.23	54	32.75	32.02	11.07	30.07	100	28	A	V
		4810	54.27	-19.73	74	42.28	31.54	10.58	30.13	-	-	P	V
		4810	44.83	-9.17	54	32.84	31.54	10.58	30.13	-	-	A	V
	*	5310	106.5	-	-	93.96	31.41	11.21	30.08	100	28	P	V
	*	5310	99.61	-	-	87.07	31.41	11.21	30.08	100	28	A	V
		5353.44	59.64	-14.36	74	46.95	31.51	11.25	30.07	100	28	P	V
		5350.08	53.81	-0.19	54	41.13	31.5	11.25	30.07	100	28	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 54 5270MHz		10540	46.38	-21.82	68.2	58.61	39.73	16.56	68.52	-	-	P	H
		11367	48.61	-25.39	74	59.54	39.94	17.31	68.18	-	-	P	H
		11367	39.01	-14.99	54	49.94	39.94	17.31	68.18	-	-	A	H
		14491	51.02	-22.98	74	57.08	41.94	19.74	67.74	-	-	P	H
		14491	42.67	-11.33	54	48.73	41.94	19.74	67.74	-	-	A	H
		15810	46.72	-27.28	74	57.79	37.42	20.53	69.02	-	-	P	H
		17989	60.43	-13.57	74	58.99	48.53	22.46	69.55	-	-	P	H
		17989	50.15	-3.85	54	48.71	48.53	22.46	69.55	-	-	A	H
													H
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													H
		7913	48.25	-19.95	68.2	63.9	36.86	14.62	67.13	-	-	P	V
		10540	45.98	-22.22	68.2	58.27	39.67	16.56	68.52	-	-	P	V
		11345	48.93	-25.07	74	60.11	39.82	17.29	68.29	-	-	P	V
		11345	38.79	-15.21	54	49.97	39.82	17.29	68.29	-	-	A	V
		14491	50.41	-23.59	74	56.46	41.95	19.74	67.74	-	-	P	V
		14491	42.58	-11.42	54	48.63	41.95	19.74	67.74	-	-	A	V
		15810	47.71	-26.29	74	58.63	37.57	20.53	69.02	-	-	P	V
		17989	59.61	-14.39	74	57.91	48.79	22.46	69.55	-	-	P	V
		17989	50.47	-3.53	54	48.77	48.79	22.46	69.55	-	-	A	V
													V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	Level (dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11ac VHT40 CH 62 5310MHz		10620	47.08	-26.92	74	59.14	39.68	16.62	68.36	-	-	P	H
		11411	48.78	-25.22	74	59.38	40.03	17.34	67.97	-	-	P	H
		11411	39.18	-14.82	54	49.78	40.03	17.34	67.97	-	-	A	H
		14491	50.65	-23.35	74	56.71	41.94	19.74	67.74	-	-	P	H
		14491	42.74	-11.26	54	48.8	41.94	19.74	67.74	-	-	A	H
		15930	46.81	-27.19	74	57.14	37.34	20.61	68.28	-	-	P	H
		17967	59.69	-14.31	74	59.09	47.96	22.44	69.8	-	-	P	H
		17967	49.51	-4.49	54	48.91	47.96	22.44	69.8	-	-	A	H
													H
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													H
													H
		10620	46.92	-27.08	74	59.03	39.63	16.62	68.36	-	-	P	V
		11554	49.54	-24.46	74	59.55	40.03	17.48	67.52	-	-	P	V
		11554	38.77	-15.23	54	48.78	40.03	17.48	67.52	-	-	A	V
		14491	52	-22	74	58.05	41.95	19.74	67.74	-	-	P	V
		14491	42.77	-11.23	54	48.82	41.95	19.74	67.74	-	-	A	V
		15930	47.04	-26.96	74	57.25	37.46	20.61	68.28	-	-	P	V
		17989	59.6	-14.4	74	57.9	48.79	22.46	69.55	-	-	P	V
		17989	50.5	-3.5	54	48.8	48.79	22.46	69.55	-	-	A	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5122.06	54.91	-19.09	74	42.07	32.11	11.09	30.36	313	328	P	H
		5107.44	45.44	-8.56	54	32.59	32.15	11.07	30.37	313	328	A	H
		4756	54.91	-19.09	74	43.24	31.37	10.73	30.43	-	-	P	H
		4756	43.88	-10.12	54	32.21	31.37	10.73	30.43	-	-	A	H
	*	5290	94.15	-	-	81.71	31.49	11.29	30.34	313	328	P	H
	*	5290	86.85	-	-	74.41	31.49	11.29	30.34	313	328	A	H
		5358.24	54.39	-19.61	74	41.76	31.62	11.37	30.36	313	328	P	H
		5367.36	50.17	-3.83	54	37.51	31.64	11.38	30.36	313	328	A	H
		5132.26	53.74	-20.26	74	40.97	32.02	11.11	30.36	190	28	P	V
		5067.66	50.05	-3.95	54	37.44	31.98	11.01	30.38	190	28	A	V
		4756	56.91	-17.09	74	45.24	31.37	10.73	30.43	-	-	P	V
		4756	46.44	-7.56	54	34.77	31.37	10.73	30.43	-	-	A	V
	*	5290	102.11	-	-	89.73	31.43	11.29	30.34	190	28	P	V
	*	5290	94.34	-	-	81.96	31.43	11.29	30.34	190	28	A	V
		5350.8	61.7	-12.3	74	49.2	31.5	11.36	30.36	190	28	P	V
		5351.28	52.54	-1.46	54	40.04	31.5	11.36	30.36	190	28	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	46.78	-21.42	68.2	58.97	39.69	16.59	68.47	-	-	P	H
		11708	49.2	-24.8	74	59.83	39.43	17.62	67.68	-	-	P	H
		11708	39.25	-14.75	54	49.88	39.43	17.62	67.68	-	-	A	H
		13347	49.77	-24.23	74	58.85	39.5	18.93	67.51	-	-	P	H
		13347	39.83	-14.17	54	48.91	39.5	18.93	67.51	-	-	A	H
		14491	50.24	-23.76	74	56.54	41.94	19.74	67.98	-	-	P	H
		14491	39.94	-14.06	54	46.24	41.94	19.74	67.98	-	-	A	H
		15870	46.91	-27.09	74	57.37	37.38	20.57	68.41	-	-	P	H
		17989	59.96	-14.04	74	58.82	48.53	22.46	69.85	-	-	P	H
		17989	50.07	-3.93	54	48.93	48.53	22.46	69.85	-	-	A	H
													H
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		10580	46.97	-21.23	68.2	59.18	39.67	16.59	68.47	-	-	P	V
		11510	49.48	-24.52	74	59.66	40.08	17.44	67.7	-	-	P	V
		11510	39.13	-14.87	54	49.31	40.08	17.44	67.7	-	-	A	V
		13391	50.02	-23.98	74	58.81	39.66	18.96	67.41	-	-	P	V
		13391	39.53	-14.47	54	48.32	39.66	18.96	67.41	-	-	A	V
		14491	51.07	-22.93	74	57.36	41.95	19.74	67.98	-	-	P	V
		15870	46.77	-27.23	74	57.13	37.48	20.57	68.41	-	-	P	V
		18000	59.54	-14.46	74	57.74	49.04	22.48	69.72	-	-	P	V
		18000	49.74	-4.26	54	47.94	49.04	22.48	69.72	-	-	A	V
													V
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													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		5451.44	54.48	-19.52	74	41.34	31.85	11.37	30.08	285	221	P	H
		5467.92	55.38	-12.82	68.2	42.2	31.87	11.4	30.09	285	221	P	H
		5441.2	46.02	-7.98	54	32.92	31.82	11.36	30.08	285	221	A	H
		5104	55.1	-18.9	74	41.97	32.16	11.05	30.08	-	-	P	H
		5104	46.64	-7.36	54	33.51	32.16	11.05	30.08	-	-	A	H
	*	5500	105.78	-	-	92.5	31.93	11.45	30.1	285	221	P	H
	*	5500	98.88	-	-	85.6	31.93	11.45	30.1	285	221	A	H
		5458.48	57.58	-16.42	74	44.43	31.85	11.38	30.08	100	207	P	V
		5467.76	67.85	-0.35	68.2	54.67	31.87	11.4	30.09	100	207	P	V
		5458.16	48.76	-5.24	54	35.62	31.84	11.38	30.08	100	207	A	V
		4810	54.64	-19.36	74	42.65	31.54	10.58	30.13	-	-	P	V
		4810	44.5	-9.5	54	32.51	31.54	10.58	30.13	-	-	A	V
	*	5500	113.94	-	-	100.63	31.96	11.45	30.1	100	207	P	V
	*	5500	106.65	-	-	93.34	31.96	11.45	30.1	100	207	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 116 5580MHz		5429.2	53.69	-20.31	74	40.83	31.79	11.43	30.36	263	37	P	H
		5469.04	52.38	-15.82	68.2	39.4	31.88	11.47	30.37	263	37	P	H
		5457.04	44.53	-9.47	54	31.57	31.86	11.46	30.36	263	37	A	H
		4804	54.46	-19.54	74	42.55	31.51	10.82	30.42	-	-	P	H
		4804	44.24	-9.76	54	32.33	31.51	10.82	30.42	-	-	A	H
	*	5580	106.22	-	-	93.07	31.96	11.56	30.37	263	37	P	H
	*	5580	99.06	-	-	85.91	31.96	11.56	30.37	263	37	A	H
		5751.77	52.36	-15.84	68.2	38.83	32.16	11.79	30.42	263	37	P	H
		5448.88	54.47	-19.53	74	41.56	31.82	11.45	30.36	116	21	P	V
		5464.96	53.84	-14.36	68.2	40.88	31.86	11.47	30.37	116	21	P	V
		5415.52	48.84	-5.16	54	36.06	31.71	11.42	30.35	116	21	A	V
		4888	55.71	-18.29	74	43.91	31.34	10.86	30.4	-	-	P	V
		4888	45.38	-8.62	54	33.58	31.34	10.86	30.4	-	-	A	V
	*	5580	112.71	-	-	99.6	31.92	11.56	30.37	116	21	P	V
	*	5580	105.34	-	-	92.23	31.92	11.56	30.37	116	21	A	V
		5729.09	55.48	-12.72	68.2	42.07	32.07	11.76	30.42	116	21	P	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 140 5700MHz		5020	54.29	-19.71	74	41.52	31.86	11	30.09	-	-	P	V
		5020	45.28	-8.72	54	32.51	31.86	11	30.09	-	-	A	V
		5452	53.39	-20.61	74	40.26	31.83	11.38	30.08	-	-	P	V
		5452	45.33	-8.67	54	32.2	31.83	11.38	30.08	-	-	A	V
	*	5700	108.54	-	-	95.01	31.98	11.71	30.16	109	205	P	V
	*	5700	101.34	-	-	87.81	31.98	11.71	30.16	109	205	A	V
		5725.88	64.75	-3.45	68.2	51.14	32.06	11.72	30.17	109	205	P	V
		4852	53.44	-20.56	74	41.43	31.47	10.67	30.13	-	-	P	H
		4852	44.53	-9.47	54	32.52	31.47	10.67	30.13	-	-	A	H
		5446	53.95	-20.05	74	40.83	31.83	11.37	30.08	-	-	P	H
		5446	45.46	-8.54	54	32.34	31.83	11.37	30.08	-	-	A	H
	*	5700	101.57	-	-	88.04	31.98	11.71	30.16	289	150	P	H
	*	5700	94.05	-	-	80.52	31.98	11.71	30.16	289	150	A	H
		5727.64	56.42	-11.78	68.2	42.8	32.07	11.72	30.17	289	150	P	H
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	48.02	-25.98	74	58.91	40.15	16.98	68.02	-	-	P	H
		12060	49.63	-24.37	74	59.89	39.28	17.93	67.47	-	-	P	H
		12060	39.06	-14.94	54	49.32	39.28	17.93	67.47	-	-	A	H
		14491	51.2	-22.8	74	57.26	41.94	19.74	67.74	-	-	P	H
		14491	42.49	-11.51	54	48.55	41.94	19.74	67.74	-	-	A	H
		16500	49.14	-19.06	68.2	56.77	39.13	21.11	67.87	-	-	P	H
		18000	60.27	-13.73	74	58.39	48.82	22.48	69.42	-	-	P	H
		18000	51.43	-2.57	54	49.55	48.82	22.48	69.42	-	-	A	H
													H
													H
													H
													H
		7330	56.26	-17.74	74	72.74	36.44	14.02	66.94	218	174	P	V
		7330	46.6	-7.4	54	63.08	36.44	14.02	66.94	218	174	A	V
		8254	47.55	-26.45	74	63.75	36.71	14.9	67.81	-	-	P	V
		11000	48.24	-25.76	74	59.19	40.09	16.98	68.02	-	-	P	V
		12159	49.19	-24.81	74	58.97	39.28	18	67.06	-	-	P	V
		12159	39.63	-14.37	54	49.41	39.28	18	67.06	-	-	A	V
		14491	50.58	-23.42	74	56.63	41.95	19.74	67.74	-	-	P	V
		14491	42.72	-11.28	54	48.77	41.95	19.74	67.74	-	-	A	V
		16500	49.66	-18.54	68.2	57.15	39.27	21.11	67.87	-	-	P	V
		17978	60.23	-13.77	74	58.91	48.54	22.45	69.67	-	-	P	V
		17978	50.98	-3.02	54	49.66	48.54	22.45	69.67	-	-	A	V
													V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 116 5580MHz		7440	51.99	-22.01	74	68.61	36.49	14.12	67.23	100	276	P	H
		7440	42.72	-11.28	54	59.34	36.49	14.12	67.23	100	276	A	H
		8375	50	-24	74	66.8	36.47	14.76	68.03	381	234	P	H
		8375	42.57	-11.43	54	59.37	36.47	14.76	68.03	381	234	A	H
		11160	47.86	-26.14	74	59.18	39.77	17.12	68.21	-	-	P	H
		13270	49.63	-24.37	74	59.4	39.19	18.87	67.83	-	-	P	H
		13270	40.23	-13.77	54	50	39.19	18.87	67.83	-	-	A	H
		14491	52.18	-21.82	74	58.48	41.94	19.74	67.98	-	-	P	H
		14491	43.23	-10.77	54	49.53	41.94	19.74	67.98	-	-	A	H
		16740	50.01	-18.19	68.2	57.04	40.12	21.33	68.48	-	-	P	H
		17989	59.21	-14.79	74	58.07	48.53	22.46	69.85	-	-	P	H
		17989	50.46	-3.54	54	49.32	48.53	22.46	69.85	-	-	A	H
		7440	60.85	-13.15	74	77.49	36.47	14.12	67.23	100	174	P	V
		7440	51.97	-2.03	54	68.61	36.47	14.12	67.23	100	174	A	V
		8375	56	-18	74	72.78	36.49	14.76	68.03	100	156	P	V
		8375	48.4	-5.6	54	65.18	36.49	14.76	68.03	100	156	A	V
		11160	49.32	-24.68	74	60.62	39.79	17.12	68.21	100	189	P	V
		11160	38.82	-15.18	54	50.12	39.79	17.12	68.21	100	189	A	V
		13292	49.89	-24.11	74	59.45	39.28	18.89	67.73	-	-	P	V
		13292	40.54	-13.46	54	50.1	39.28	18.89	67.73	-	-	A	V
		14491	50.75	-23.25	74	57.04	41.95	19.74	67.98	-	-	P	V
		14491	41.62	-12.38	54	47.91	41.95	19.74	67.98	-	-	A	V
		16740	50.08	-18.12	68.2	56.97	40.26	21.33	68.48	-	-	P	V
		17989	59.17	-14.83	74	57.77	48.79	22.46	69.85	-	-	P	V
		17989	50.23	-3.77	54	48.83	48.79	22.46	69.85	-	-	A	V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	Level (dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11a CH 140 5700MHz		11400	49.16	-24.84	74	59.84	40.01	17.33	68.02	-	-	P	H
		12027	49.49	-24.51	74	60.02	39.22	17.9	67.65	-	-	P	H
		12027	38.49	-15.51	54	49.02	39.22	17.9	67.65	-	-	A	H
		14491	51.07	-22.93	74	57.13	41.94	19.74	67.74	-	-	P	H
		14491	42.49	-11.51	54	48.55	41.94	19.74	67.74	-	-	A	H
		17100	51.47	-16.73	68.2	58.15	40.41	21.65	68.74	-	-	P	H
		18000	59.6	-14.4	74	57.72	48.82	22.48	69.42	-	-	P	H
		18000	51.6	-2.4	54	49.72	48.82	22.48	69.42	-	-	A	H
													H
													H
													H
													H
		8551	47.86	-20.34	68.2	63.67	36.94	14.9	67.65	-	-	P	V
		11400	48.29	-25.71	74	59.06	39.92	17.33	68.02	-	-	P	V
		12500	48.57	-25.43	74	58.97	38.34	18.27	67.01	-	-	P	V
		12500	38.38	-15.62	54	48.78	38.34	18.27	67.01	-	-	A	V
		14491	51.66	-22.34	74	57.71	41.95	19.74	67.74	-	-	P	V
		14491	42.72	-11.28	54	48.77	41.95	19.74	67.74	-	-	A	V
		17100	50.88	-17.32	68.2	57.44	40.53	21.65	68.74	-	-	P	V
		18000	59.86	-14.14	74	57.76	49.04	22.48	69.42	-	-	P	V
		18000	51.71	-2.29	54	49.61	49.04	22.48	69.42	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

**Band 3 - 5470~5725MHz****WIFI 802.11ac VHT20 (Band Edge @ 3m)**

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 100 5500MHz		5458.16	53.7	-20.3	74	40.53	31.86	11.39	30.08	104	141	P	H
		5462.32	53.83	-14.37	68.2	40.66	31.86	11.39	30.08	104	141	P	H
		5457.36	44.26	-9.74	54	31.1	31.86	11.38	30.08	104	141	A	H
		4732	53.13	-20.87	74	41.47	31.3	10.52	30.16	-	-	P	H
		4732	44.14	-9.86	54	32.48	31.3	10.52	30.16	-	-	A	H
	*	5500	101.46	-	-	88.18	31.93	11.45	30.1	104	141	P	H
	*	5500	94.35	-	-	81.07	31.93	11.45	30.1	104	141	A	H
		5456.08	65.28	-8.72	74	52.14	31.84	11.38	30.08	100	212	P	V
		5468.24	67.48	-0.72	68.2	54.3	31.87	11.4	30.09	100	212	P	V
		5419.12	53.82	-0.18	54	40.85	31.72	11.32	30.07	100	212	A	V
		4804	55.41	-18.59	74	43.43	31.54	10.57	30.13	-	-	P	V
		4804	44.89	-9.11	54	32.91	31.54	10.57	30.13	-	-	A	V
	*	5500	110.37	-	-	97.06	31.96	11.45	30.1	100	212	P	V
	*	5500	103.14	-	-	89.83	31.96	11.45	30.1	100	212	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 116 5580MHz		5405.68	52.53	-21.47	74	39.85	31.73	11.3	30.35	100	63	P	H
		5467.12	52.6	-15.6	68.2	39.7	31.87	11.4	30.37	100	63	P	H
		5425.84	45.56	-8.44	54	32.81	31.78	11.33	30.36	100	63	A	H
		4822	55.09	-18.91	74	43.41	31.49	10.61	30.42	-	-	P	H
		4822	45.49	-8.51	54	33.81	31.49	10.61	30.42	-	-	A	H
	*	5580	105.09	-	-	91.91	31.96	11.59	30.37	100	63	P	H
	*	5580	96.12	-	-	82.94	31.96	11.59	30.37	100	63	A	H
		5759.96	53.42	-14.78	68.2	39.92	32.19	11.73	30.42	100	63	P	H
		5450.32	56.54	-17.46	74	43.71	31.82	11.37	30.36	201	223	P	V
		5465.44	54.96	-13.24	68.2	42.07	31.86	11.4	30.37	201	223	P	V
		5363.68	50.61	-3.39	54	38.17	31.54	11.26	30.36	201	223	A	V
		4882	57.13	-16.87	74	45.43	31.37	10.74	30.41	-	-	P	V
		4882	46.82	-7.18	54	35.12	31.37	10.74	30.41	-	-	A	V
	*	5580	114.61	-	-	101.47	31.92	11.59	30.37	201	223	P	V
	*	5580	107.48	-	-	94.34	31.92	11.59	30.37	201	223	A	V
		5731.61	55.69	-12.51	68.2	42.32	32.08	11.71	30.42	201	223	P	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 140 5700MHz		4864	53.16	-20.84	74	41.12	31.46	10.7	30.12	-	-	P	H
		4864	44.44	-9.56	54	32.4	31.46	10.7	30.12	-	-	A	H
		5428	53.67	-20.33	74	40.62	31.79	11.34	30.08	-	-	P	H
		5428	45.54	-8.46	54	32.49	31.79	11.34	30.08	-	-	A	H
	*	5700	100.09	-	-	86.58	31.98	11.69	30.16	295	151	P	H
	*	5700	92.96	-	-	79.45	31.98	11.69	30.16	295	151	A	H
		5727.64	54.63	-13.57	68.2	41.02	32.07	11.71	30.17	295	151	P	H
		5140	53.4	-20.6	74	40.38	32.02	11.07	30.07	-	-	P	V
		5140	46.13	-7.87	54	33.11	32.02	11.07	30.07	-	-	A	V
		5428	53	-21	74	39.99	31.75	11.34	30.08	-	-	P	V
		5428	46.22	-7.78	54	33.21	31.75	11.34	30.08	-	-	A	V
	*	5700	106.49	-	-	92.98	31.98	11.69	30.16	141	152	P	V
	*	5700	99.33	-	-	85.82	31.98	11.69	30.16	141	152	A	V
		5725.56	64.84	-3.36	68.2	51.24	32.06	11.71	30.17	141	152	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 100 5500MHz		11000	47.63	-26.37	74	58.52	40.15	16.98	68.02	-	-	P	H
		11411	49.78	-24.22	74	60.38	40.03	17.34	67.97	-	-	P	H
		11411	39.07	-14.93	54	49.67	40.03	17.34	67.97	-	-	A	H
		14491	51.05	-22.95	74	57.11	41.94	19.74	67.74	-	-	P	H
		14491	42.9	-11.1	54	48.96	41.94	19.74	67.74	-	-	A	H
		16500	49.5	-18.7	68.2	57.13	39.13	21.11	67.87	-	-	P	H
		17978	59.33	-14.67	74	58.3	48.25	22.45	69.67	-	-	P	H
		17978	50.36	-3.64	54	49.33	48.25	22.45	69.67	-	-	A	H
													H
													H
													H
													H
		7330	47.67	-26.33	74	64.15	36.44	14.02	66.94	-	-	P	V
		11000	48.39	-25.61	74	59.34	40.09	16.98	68.02	-	-	P	V
		11653	49.57	-24.43	74	59.77	39.74	17.56	67.5	-	-	P	V
		11653	39.13	-14.87	54	49.33	39.74	17.56	67.5	-	-	A	V
		14491	51.15	-22.85	74	57.2	41.95	19.74	67.74	-	-	P	V
		14491	42.61	-11.39	54	48.66	41.95	19.74	67.74	-	-	A	V
		16500	49.75	-18.45	68.2	57.24	39.27	21.11	67.87	-	-	P	V
		17956	58.94	-15.06	74	58.39	48.04	22.43	69.92	-	-	P	V
		17956	50.32	-3.68	54	49.77	48.04	22.43	69.92	-	-	A	V
													V
													V
													V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 116 5580MHz		7440	52.32	-21.68	74	68.78	36.49	14.28	67.23	375	298	P	H
		7440	46.1	-7.9	54	62.56	36.49	14.28	67.23	375	298	A	H
		11160	47.99	-26.01	74	58.84	39.77	17.59	68.21	-	-	P	H
		11400	49.6	-24.4	74	59.82	40.01	17.83	68.06	-	-	P	H
		11400	38.55	-15.45	54	48.77	40.01	17.83	68.06	-	-	A	H
		14491	51.45	-22.55	74	57.15	41.94	20.34	67.98	-	-	P	H
		14491	42.08	-11.92	54	47.78	41.94	20.34	67.98	-	-	A	H
		16740	50.04	-18.16	68.2	57.06	40.12	21.34	68.48	-	-	P	H
		18000	59.85	-14.15	74	58.8	48.82	21.95	69.72	-	-	P	H
		18000	49.65	-4.35	54	48.6	48.82	21.95	69.72	-	-	A	H
													H
													H
		7440	58.61	-15.39	74	75.09	36.47	14.28	67.23	113	352	P	V
		7440	53.31	-0.69	54	69.79	36.47	14.28	67.23	113	352	A	V
		8364	48.26	-25.74	74	64.84	36.45	15.01	68.04	100	344	P	V
		8364	39.69	-14.31	54	56.27	36.45	15.01	68.04	100	344	A	V
		11160	47.6	-26.4	74	58.43	39.79	17.59	68.21	-	-	P	V
		12489	49.57	-24.43	74	59.46	38.36	18.86	67.11	-	-	P	V
		12489	38.82	-15.18	54	48.71	38.36	18.86	67.11	-	-	A	V
		14491	51.92	-22.08	74	57.61	41.95	20.34	67.98	-	-	P	V
		14491	41.87	-12.13	54	47.56	41.95	20.34	67.98	-	-	A	V
		16740	51.26	-16.94	68.2	58.14	40.26	21.34	68.48	-	-	P	V
		17989	59.4	-14.6	74	58.53	48.79	21.93	69.85	-	-	P	V
		17989	49.34	-4.66	54	48.47	48.79	21.93	69.85	-	-	A	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 140 5700MHz		10982	48.95	-25.05	74	59.92	40.16	16.96	68.09	-	-	P	H
		10982	38.47	-15.53	54	49.44	40.16	16.96	68.09	-	-	A	H
		11400	51.15	-22.85	74	61.83	40.01	17.33	68.02	113	197	P	H
		11400	40.05	-13.95	54	50.73	40.01	17.33	68.02	113	197	A	H
		14491	51.59	-22.41	74	57.65	41.94	19.74	67.74	-	-	P	H
		14491	41.49	-12.51	54	47.55	41.94	19.74	67.74	-	-	A	H
		17100	50.24	-17.96	68.2	56.92	40.41	21.65	68.74	-	-	P	H
		17989	59.89	-14.11	74	58.45	48.53	22.46	69.55	-	-	P	H
		17989	49.54	-4.46	54	48.1	48.53	22.46	69.55	-	-	A	H
													H
													H
													H
		8551	49	-19.2	68.2	64.81	36.94	14.9	67.65	-	-	P	V
		11400	47.97	-26.03	74	58.74	39.92	17.33	68.02	-	-	P	V
		11499	49.05	-24.95	74	59.12	40.09	17.43	67.59	-	-	P	V
		11499	38.63	-15.37	54	48.7	40.09	17.43	67.59	-	-	A	V
		14491	50.75	-23.25	74	56.8	41.95	19.74	67.74	-	-	P	V
		14491	41.53	-12.47	54	47.58	41.95	19.74	67.74	-	-	A	V
		17100	50.26	-17.94	68.2	56.82	40.53	21.65	68.74	-	-	P	V
		17978	60.56	-13.44	74	59.24	48.54	22.45	69.67	-	-	P	V
		17978	49.55	-4.45	54	48.23	48.54	22.45	69.67	-	-	A	V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

**Band 3 - 5470~5725MHz****WIFI 802.11ac VHT40 (Band Edge @ 3m)**

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 102 5510MHz		5452.24	52.22	-21.78	74	39.07	31.85	11.38	30.08	104	145	P	H
		5465.2	52.19	-16.01	68.2	39.01	31.87	11.4	30.09	104	145	P	H
		5459.44	45.05	-8.95	54	31.88	31.86	11.39	30.08	104	145	A	H
		4804	53.39	-20.61	74	41.44	31.51	10.57	30.13	-	-	P	H
		4804	44.48	-9.52	54	32.53	31.51	10.57	30.13	-	-	A	H
	*	5510	96.04	-	-	82.75	31.92	11.47	30.1	104	145	P	H
	*	5510	88.97	-	-	75.68	31.92	11.47	30.1	104	145	A	H
		5749.88	52.38	-15.82	68.2	38.68	32.15	11.72	30.17	104	145	P	H
		5459.44	56.04	-17.96	74	42.88	31.85	11.39	30.08	104	210	P	V
		5468.56	61.33	-6.87	68.2	48.15	31.87	11.4	30.09	104	210	P	V
		5458.24	49.27	-4.73	54	36.12	31.84	11.39	30.08	104	210	A	V
		4972	53.72	-20.28	74	41.33	31.56	10.93	30.1	-	-	P	V
		4972	45.18	-8.82	54	32.79	31.56	10.93	30.1	-	-	A	V
	*	5510	105.89	-	-	92.56	31.96	11.47	30.1	104	210	P	V
	*	5510	98.24	-	-	84.91	31.96	11.47	30.1	104	210	A	V
		5752.085	53.81	-14.39	68.2	40.1	32.15	11.73	30.17	104	210	P	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 110 5550MHz		5455.36	54.36	-19.64	74	41.49	31.85	11.38	30.36	100	142	P	H
		5468.08	53.47	-14.73	68.2	40.57	31.87	11.4	30.37	100	142	P	H
		5446.24	47.15	-6.85	54	34.31	31.83	11.37	30.36	100	142	A	H
		5122	54.08	-19.92	74	41.27	32.11	11.06	30.36	-	-	P	H
		5122	46	-8	54	33.19	32.11	11.06	30.36	-	-	A	H
	*	5550	101.16	-	-	88.08	31.9	11.54	30.36	100	142	P	H
	*	5550	94.19	-	-	81.11	31.9	11.54	30.36	100	142	A	H
		5734.445	52.62	-15.58	68.2	39.23	32.1	11.71	30.42	100	142	P	H
		5454.64	61.37	-12.63	74	48.52	31.83	11.38	30.36	100	214	P	V
		5469.52	58.99	-9.21	68.2	46.08	31.88	11.4	30.37	100	214	P	V
		5359.12	53.81	-0.19	54	41.39	31.53	11.25	30.36	100	214	A	V
		4858	55.35	-18.65	74	43.6	31.49	10.68	30.42	-	-	P	V
		4858	45.08	-8.92	54	33.33	31.49	10.68	30.42	-	-	A	V
	*	5550	110.02	-	-	96.9	31.94	11.54	30.36	100	214	P	V
	*	5550	102.93	-	-	89.81	31.94	11.54	30.36	100	214	A	V
		5734.13	54.27	-13.93	68.2	40.89	32.09	11.71	30.42	100	214	P	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 134 5670MHz		5447.65	52.45	-21.55	74	39.32	31.84	11.37	30.08	291	149	P	H
		5463.4	51.9	-16.3	68.2	38.73	31.87	11.39	30.09	291	149	P	H
		5449.05	44.2	-9.8	54	31.07	31.84	11.37	30.08	291	149	A	H
		4984	53.46	-20.54	74	41.01	31.59	10.96	30.1	-	-	P	H
		4984	45.44	-8.56	54	32.99	31.59	10.96	30.1	-	-	A	H
	*	5670	100.11	-	-	86.6	31.97	11.67	30.13	291	149	P	H
	*	5670	93.4	-	-	79.89	31.97	11.67	30.13	291	149	A	H
		5729.825	55.81	-12.39	68.2	42.19	32.08	11.71	30.17	291	149	P	H
		5459.55	55.53	-18.47	74	42.37	31.85	11.39	30.08	100	142	P	V
		5461.3	52.62	-15.58	68.2	39.46	31.85	11.39	30.08	100	142	P	V
		5459.2	46.59	-7.41	54	33.43	31.85	11.39	30.08	100	142	A	V
		4864	53.76	-20.24	74	41.72	31.46	10.7	30.12	-	-	P	V
		4864	45.23	-8.77	54	33.19	31.46	10.7	30.12	-	-	A	V
	*	5670	107.57	-	-	94.09	31.94	11.67	30.13	100	142	P	V
	*	5670	100.86	-	-	87.38	31.94	11.67	30.13	100	142	A	V
		5730.7	62.78	-5.42	68.2	49.16	32.08	11.71	30.17	100	142	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 102 5510MHz		11020	47.74	-26.26	74	58.62	40.13	16.99	68	-	-	P	H
		11389	48.54	-25.46	74	59.3	39.98	17.33	68.07	-	-	P	H
		11389	39.2	-14.8	54	49.96	39.98	17.33	68.07	-	-	A	H
		14491	50.92	-23.08	74	56.98	41.94	19.74	67.74	-	-	P	H
		14491	42.75	-11.25	54	48.81	41.94	19.74	67.74	-	-	A	H
		16530	50.26	-17.94	68.2	57.99	39.24	21.14	68.11	-	-	P	H
		18000	60.01	-13.99	74	58.13	48.82	22.48	69.42	-	-	P	H
		18000	50.64	-3.36	54	48.76	48.82	22.48	69.42	-	-	A	H
													H
													H
													H
													H
		11020	47.24	-26.76	74	58.2	40.05	16.99	68	-	-	P	V
		11433	49.05	-24.95	74	59.53	40.01	17.37	67.86	-	-	P	V
		11433	39.38	-14.62	54	49.86	40.01	17.37	67.86	-	-	A	V
		14491	51.31	-22.69	74	57.36	41.95	19.74	67.74	-	-	P	V
		14491	42.71	-11.29	54	48.76	41.95	19.74	67.74	-	-	A	V
		16530	49.67	-18.53	68.2	57.27	39.37	21.14	68.11	-	-	P	V
		18000	60.67	-13.33	74	58.57	49.04	22.48	69.42	-	-	P	V
		18000	50.89	-3.11	54	48.79	49.04	22.48	69.42	-	-	A	V
													V
													V
													V
													V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 VHT40 CH 110 5550MHz		7396	49.65	-24.35	74	66.38	36.43	14.23	67.39	397	297	P	H
		7396	44.65	-9.35	54	61.38	36.43	14.23	67.39	397	297	A	H
		11100	47.87	-26.13	74	58.54	39.92	17.53	68.12	-	-	P	H
		12445	49.68	-24.32	74	59.77	38.48	18.82	67.39	-	-	P	H
		12445	38.43	-15.57	54	48.52	38.48	18.82	67.39	-	-	A	H
		14480	51.56	-22.44	74	57.24	41.95	20.34	67.97	-	-	P	H
		14480	41.74	-12.26	54	47.42	41.95	20.34	67.97	-	-	A	H
		16650	49.66	-18.54	68.2	57.38	39.7	21.3	68.72	-	-	P	H
		17989	58.84	-15.16	74	58.23	48.53	21.93	69.85	-	-	P	H
		17989	49.11	-4.89	54	48.5	48.53	21.93	69.85	-	-	A	H
													H
													H
		7396	59.6	-14.4	74	76.28	36.48	14.23	67.39	109	351	P	V
		7396	51.79	-2.21	54	68.47	36.48	14.23	67.39	109	351	A	V
		11100	47.76	-26.24	74	58.51	39.84	17.53	68.12	-	-	P	V
		11565	49.41	-24.59	74	59.01	40.02	18.01	67.63	-	-	P	V
		11565	39.19	-14.81	54	48.79	40.02	18.01	67.63	-	-	A	V
		14480	51.83	-22.17	74	57.54	41.92	20.34	67.97	-	-	P	V
		14480	42.09	-11.91	54	47.8	41.92	20.34	67.97	-	-	A	V
		16650	49.83	-18.37	68.2	57.37	39.88	21.3	68.72	-	-	P	V
		17989	59.13	-14.87	74	58.26	48.79	21.93	69.85	-	-	P	V
		17989	49.23	-4.77	54	48.36	48.79	21.93	69.85	-	-	A	V
													V
													V

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant. 3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	Factor (dB/m)	Loss (dB)	Factor (dB)	Pos (cm)	Pos (deg)	Avg. (P/A)	(H/V)
802.11ac VHT40 CH 134 5670MHz		11340	47.75	-26.25	74	58.89	39.87	17.29	68.3	-	-	P	H
		13325	50.65	-23.35	74	59.89	39.42	18.91	67.57	-	-	P	H
		13325	39.44	-14.56	54	48.68	39.42	18.91	67.57	-	-	A	H
		14491	52.49	-21.51	74	58.55	41.94	19.74	67.74	-	-	P	H
		14491	42.31	-11.69	54	48.37	41.94	19.74	67.74	-	-	A	H
		17010	51.09	-17.11	68.2	57.87	40.44	21.57	68.79	-	-	P	H
		17989	59.69	-14.31	74	58.25	48.53	22.46	69.55	-	-	P	H
		17989	49.63	-4.37	54	48.19	48.53	22.46	69.55	-	-	A	H
													H
													H
													H
													H
		11340	47.62	-26.38	74	58.82	39.81	17.29	68.3	-	-	P	V
		13270	50.32	-23.68	74	60	39.22	18.87	67.77	-	-	P	V
		13270	38.97	-15.03	54	48.65	39.22	18.87	67.77	-	-	A	V
		14491	52.06	-21.94	74	58.11	41.95	19.74	67.74	-	-	P	V
		14491	42.18	-11.82	54	48.23	41.95	19.74	67.74	-	-	A	V
		17010	49.91	-18.29	68.2	56.57	40.56	21.57	68.79	-	-	P	V
		17967	59.61	-14.39	74	58.68	48.29	22.44	69.8	-	-	P	V
		17967	49.85	-4.15	54	48.92	48.29	22.44	69.8	-	-	A	V
												V	
												V	
												V	
												V	
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5445.52	54.82	-19.18	74	41.7	31.83	11.37	30.08	201	25	P	H
		5466.4	54.11	-14.09	68.2	40.93	31.87	11.4	30.09	201	25	P	H
		5457.52	47.83	-6.17	54	34.67	31.86	11.38	30.08	201	25	A	H
		4870	53.63	-20.37	74	41.58	31.46	10.71	30.12	-	-	P	H
		4870	44.55	-9.45	54	32.5	31.46	10.71	30.12	-	-	A	H
	*	5530	93.48	-	-	80.16	31.91	11.5	30.09	201	25	P	H
	*	5530	87.32	-	-	74	31.91	11.5	30.09	201	25	A	H
		5743.265	52.9	-15.3	68.2	39.22	32.13	11.72	30.17	201	25	P	H
		5448.16	60.07	-13.93	74	46.96	31.82	11.37	30.08	235	30	P	V
		5465.44	59.85	-8.35	68.2	46.68	31.86	11.4	30.09	235	30	P	V
		5451.28	53.73	-0.27	54	40.61	31.83	11.37	30.08	235	30	A	V
		4792	52.93	-21.07	74	41	31.51	10.55	30.13	-	-	P	V
		4792	44.81	-9.19	54	32.88	31.51	10.55	30.13	-	-	A	V
	*	5530	100.02	-	-	86.66	31.95	11.5	30.09	235	30	P	V
	*	5530	95.03	-	-	81.67	31.95	11.5	30.09	235	30	A	V
		5725	53.26	-14.94	68.2	39.66	32.06	11.71	30.17	235	30	P	V



WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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 122 5610MHz		5453.25	52.63	-21.37	74	39.68	31.85	11.46	30.36	123	22	P	H
		5465.5	51.01	-17.19	68.2	38.04	31.87	11.47	30.37	123	22	P	H
		5439.25	44.48	-9.52	54	31.58	31.82	11.44	30.36	123	22	A	H
		4804	54.15	-19.85	74	42.24	31.51	10.82	30.42	-	-	P	H
		4804	44.63	-9.37	54	32.72	31.51	10.82	30.42	-	-	A	H
	*	5610	95.28	-	-	82.07	32	11.59	30.38	123	22	P	H
	*	5610	86.69	-	-	73.48	32	11.59	30.38	123	22	A	H
		5730	52.88	-15.32	68.2	39.46	32.08	11.76	30.42	123	22	P	H
		5421.05	55.67	-18.33	74	42.86	31.73	11.43	30.35	109	25	P	V
		5464.45	54.98	-13.22	68.2	42.03	31.86	11.46	30.37	109	25	P	V
		5366.1	50.39	-3.61	54	37.83	31.55	11.37	30.36	109	25	A	V
		4846	55.75	-18.25	74	43.79	31.54	10.84	30.42	-	-	P	V
		4846	46.33	-7.67	54	34.37	31.54	10.84	30.42	-	-	A	V
	*	5610	101.58	-	-	88.46	31.91	11.59	30.38	109	25	P	V
	*	5610	94.16	-	-	81.04	31.91	11.59	30.38	109	25	A	V
		5759.575	55.08	-13.12	68.2	41.53	32.17	11.8	30.42	109	25	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 3+4	Note	Frequency (MHz)	Level (dBμV/m)	Margin (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	48.78	-25.22	74	59.65	40.07	17.02	67.96	191	353	P	H
		11060	39.96	-14.04	54	50.83	40.07	17.02	67.96	191	353	A	H
		11389	50.03	-23.97	74	60.79	39.98	17.33	68.07	-	-	P	H
		11389	39.77	-14.23	54	50.53	39.98	17.33	68.07	-	-	A	H
		14491	51.34	-22.66	74	57.4	41.94	19.74	67.74	-	-	P	H
		14491	42.73	-11.27	54	48.79	41.94	19.74	67.74	-	-	A	H
		16590	49.86	-18.34	68.2	57.77	39.47	21.19	68.57	-	-	P	H
		17967	60.37	-13.63	74	59.77	47.96	22.44	69.8	-	-	P	H
		17967	50.89	-3.11	54	50.29	47.96	22.44	69.8	-	-	A	H
													H
													H
													H
		11060	49.29	-24.71	74	60.27	39.96	17.02	67.96	102	278	P	V
		11060	39.93	-14.07	54	50.91	39.96	17.02	67.96	102	278	A	V
		11774	49.51	-24.49	74	60.42	39.19	17.68	67.78	-	-	P	V
		11774	39.27	-14.73	54	50.18	39.19	17.68	67.78	-	-	A	V
		14491	52.31	-21.69	74	58.36	41.95	19.74	67.74	-	-	P	V
		14491	42.83	-11.17	54	48.88	41.95	19.74	67.74	-	-	A	V
		16590	50.46	-17.74	68.2	58.25	39.59	21.19	68.57	-	-	P	V
		18000	60.18	-13.82	74	58.08	49.04	22.48	69.42	-	-	P	V
		18000	51.94	-2.06	54	49.84	49.04	22.48	69.42	-	-	A	V
													V
													V
													V

[illegible]

Emission above 18GHz

WIFI 802.11a (SHF @ 1m)

[illegible]

Emission below 1GHz

WIFI 802.11a (LF @ 3m)

[illegible]

Note symbol

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

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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
3+4		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a		5150	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 36		5150	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H
5180MHz													

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

For Peak Limit @ 5150MHz:

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. Margin(dB)
 = Level(dBμV/m) – Limit Line(dBμV/m)
 = 55.45(dBμV/m) – 74(dBμV/m)
 = -18.55(dB)

For Average Limit @ 5150MHz:

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. Margin(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 :	Michael Bui, Daniel Lee, Yuan Lee and Fu Chen	Temperature :	20~25°C
		Relative Humidity :	42~50%

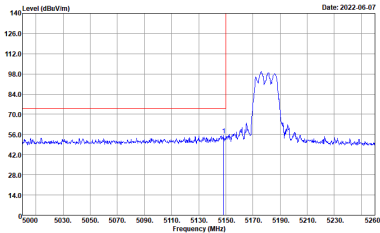
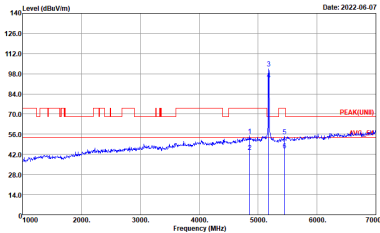
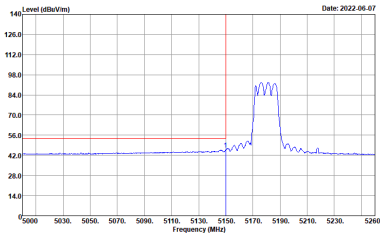
Note symbol

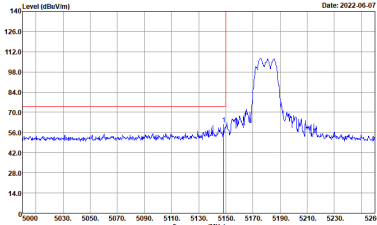
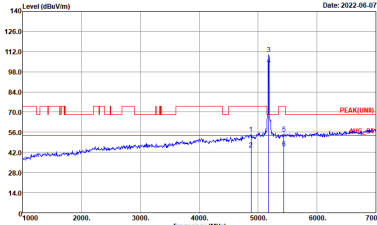
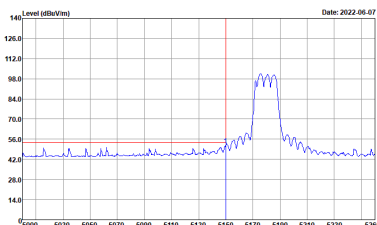
-L	Low channel location
-R	High channel location



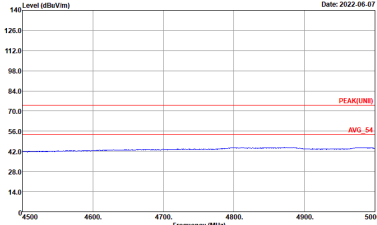
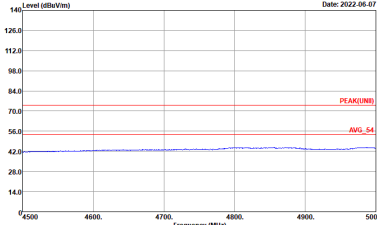
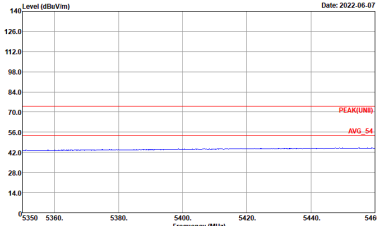
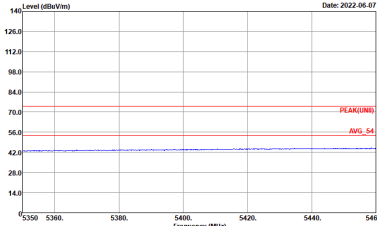
<Sample 1>

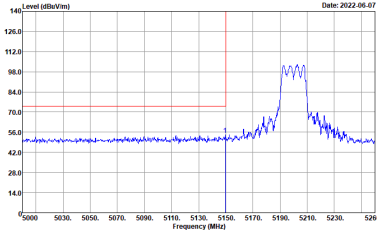
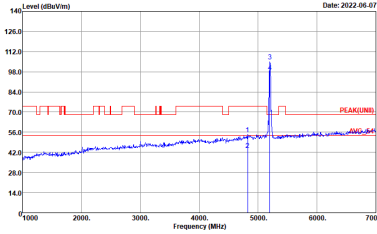
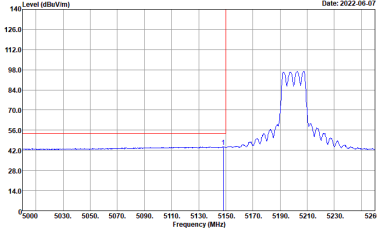
Band 1 - 5150~5250MHz
WIFI 802.11a (Band Edge @ 3m)

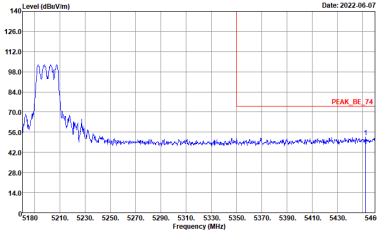
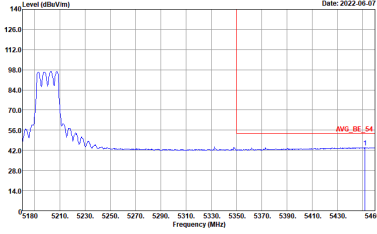
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

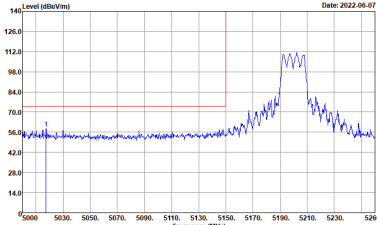
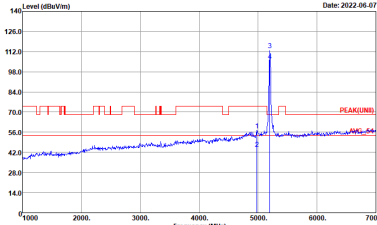
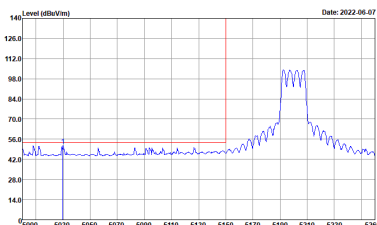
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNI1) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

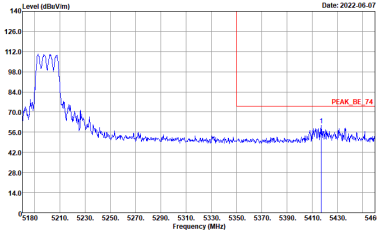
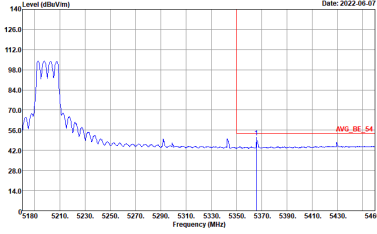


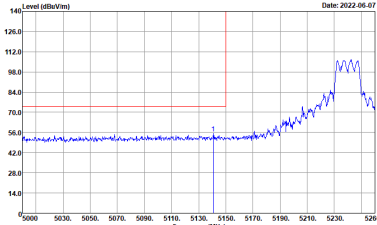
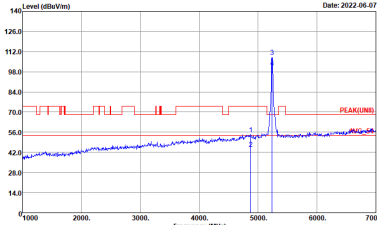
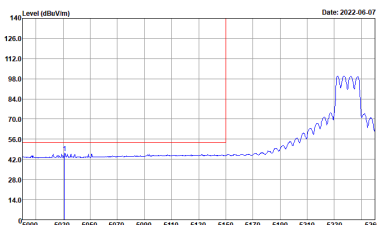
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ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
Avg.	 Site : 03CH02-CA Condition : PEAK(UNB) 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNB) 3m HORN-HF_01895_2021 VERTICAL
	 Site : 03CH02-CA Condition : PEAK(UNB) 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNB) 3m HORN-HF_01895_2021 VERTICAL

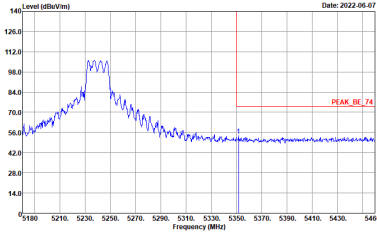
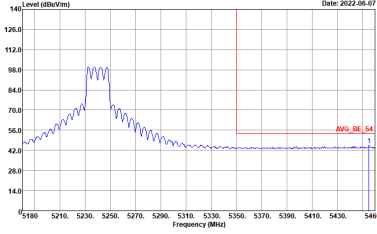
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH40 5200MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

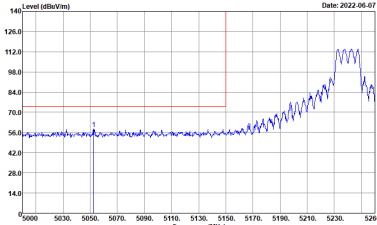
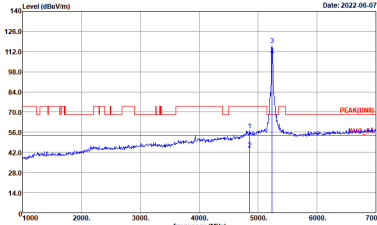
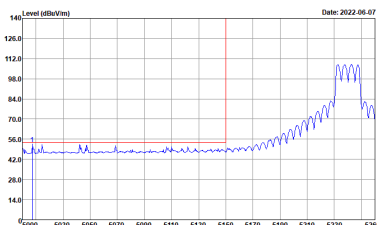
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH40 5200MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

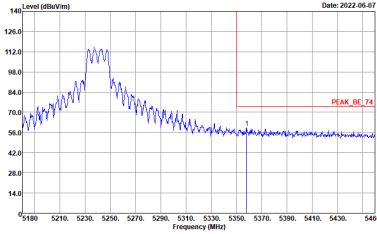
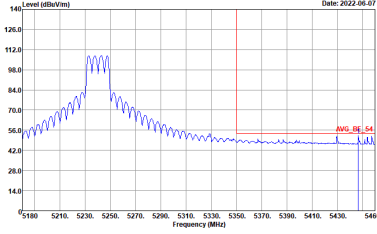
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH40 5200MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH40 5200MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

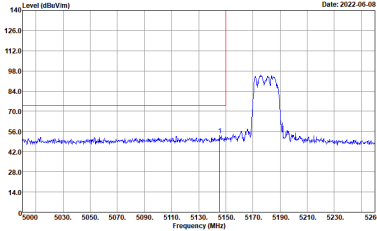
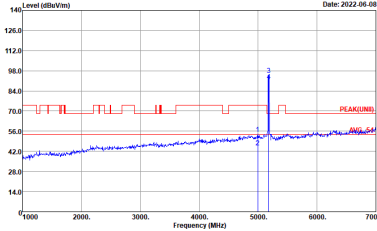
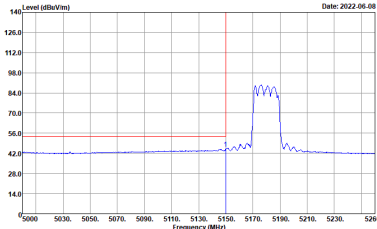
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

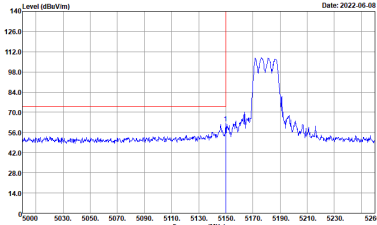
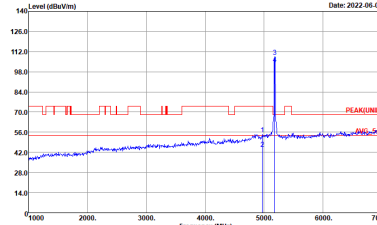
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11a CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

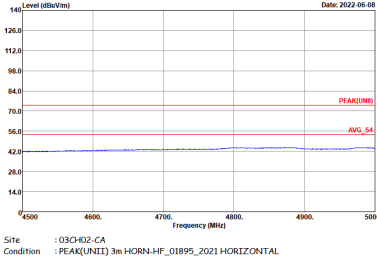
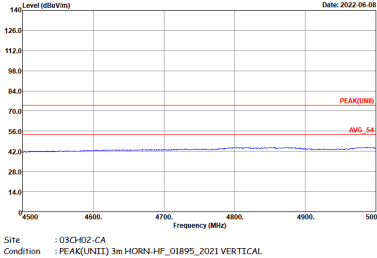
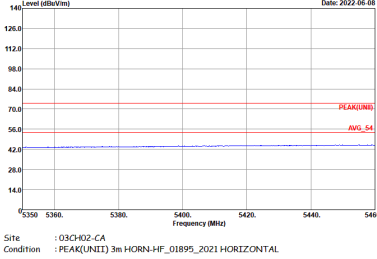
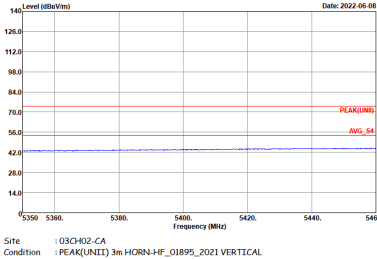


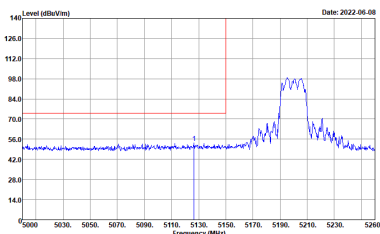
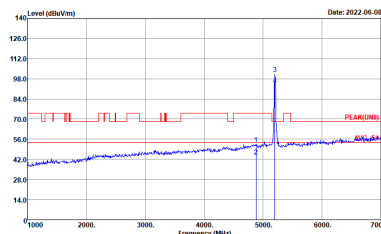
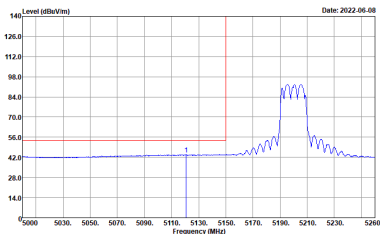
Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

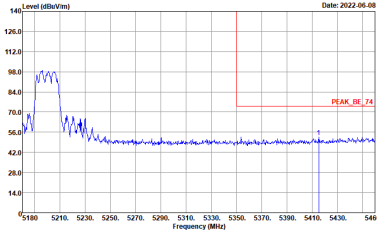
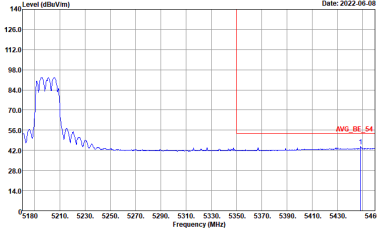
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

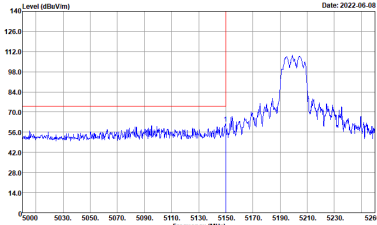
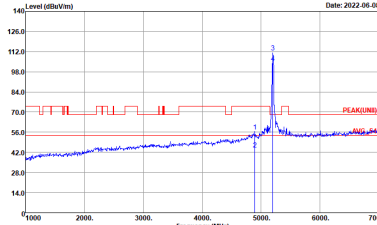
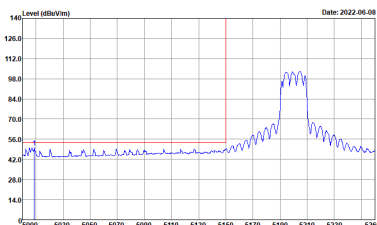
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNI1) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

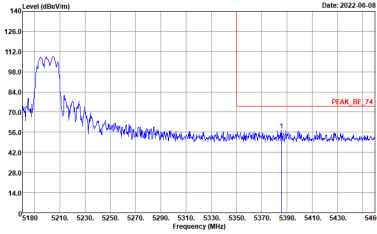
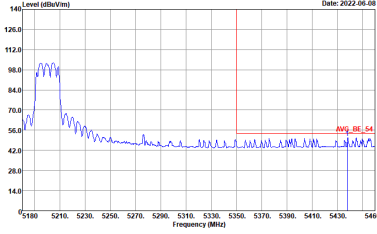


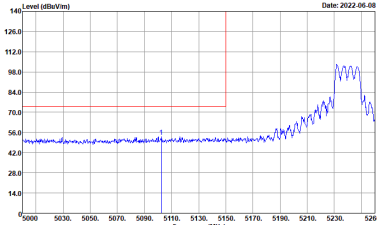
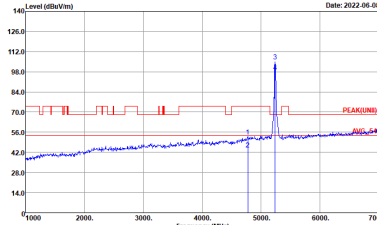
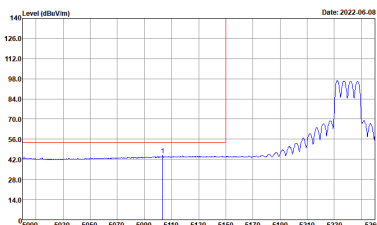
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1+2	Horizontal	Vertical
Avg.		
		

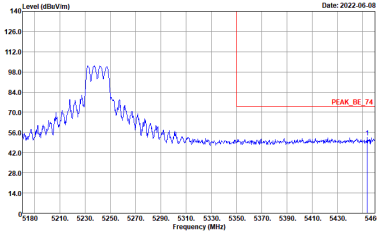
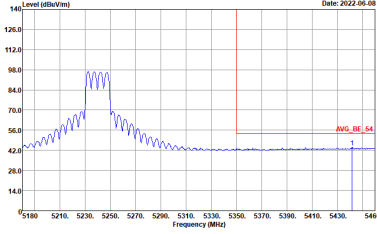
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH40 5200MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

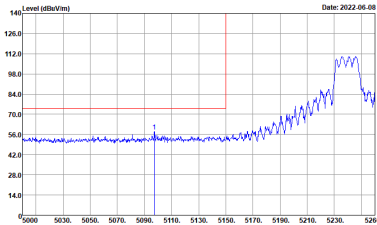
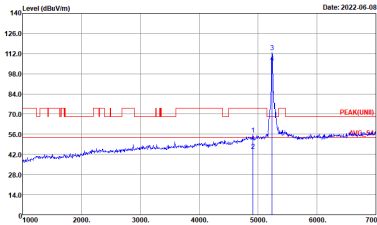
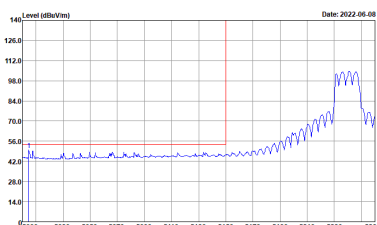
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH40 5200MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vacc/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vacc/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

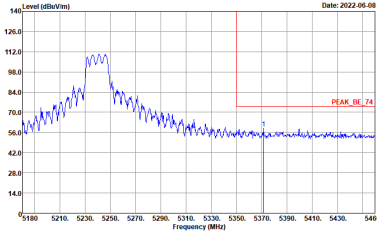
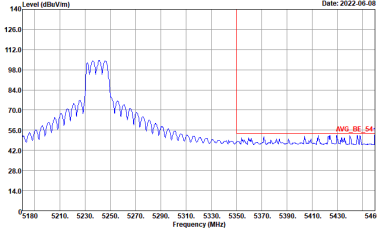
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH40 5200MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH40 5200MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

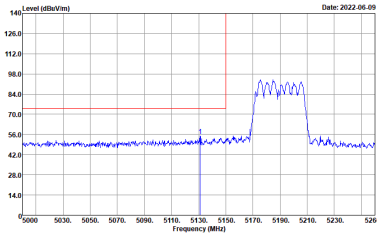
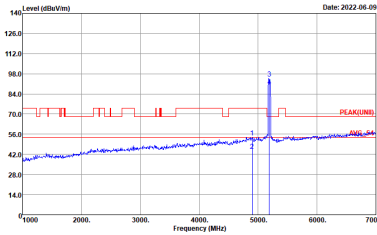
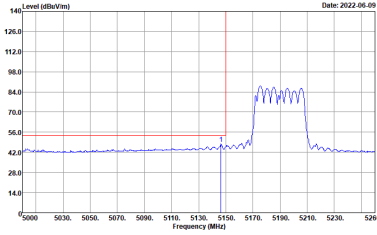
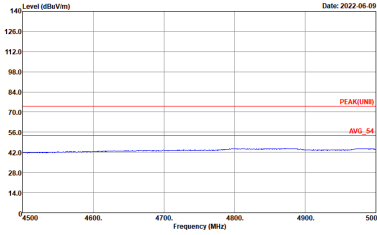
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

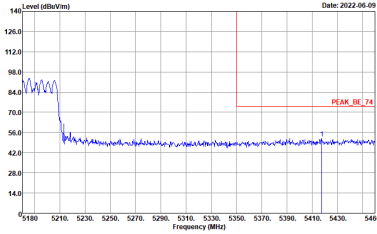
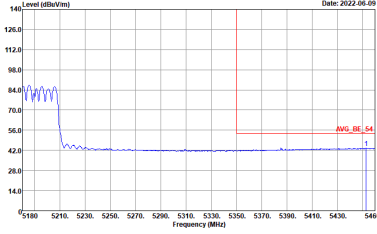
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

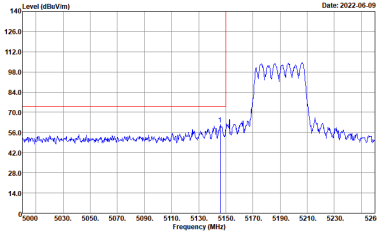
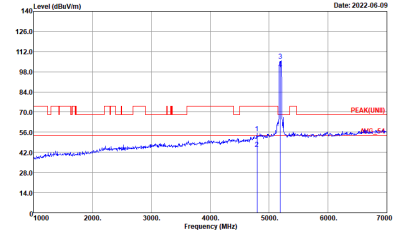
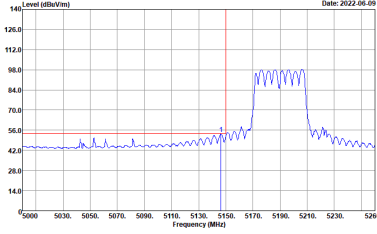
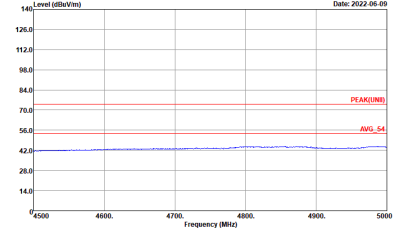
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

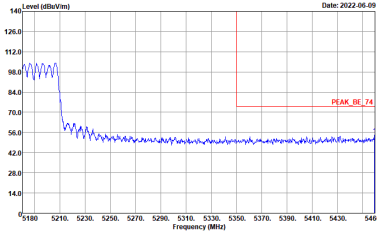
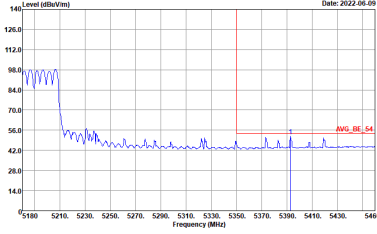
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

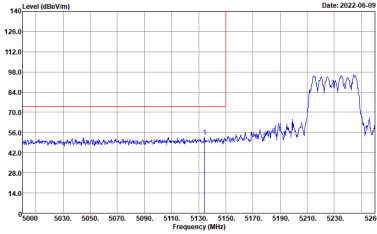
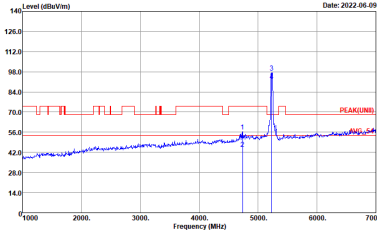
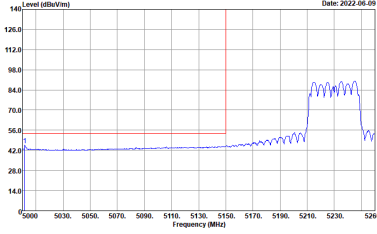
Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:10000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL

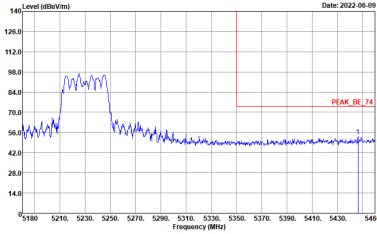
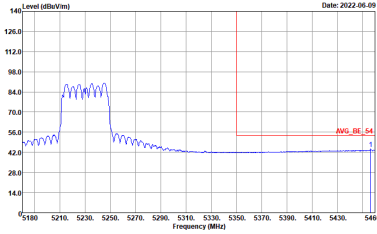
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

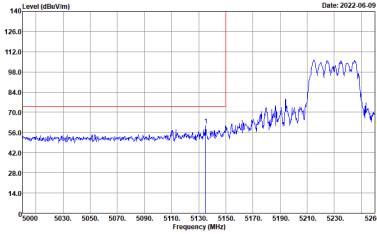
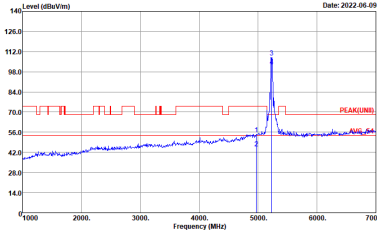
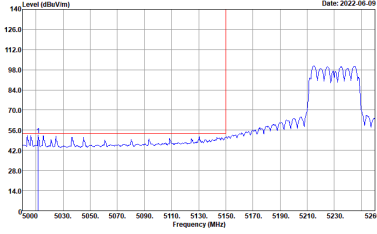
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

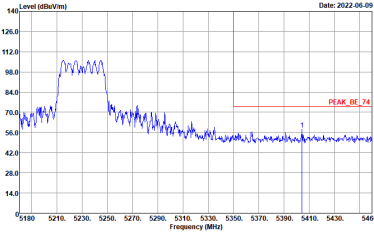
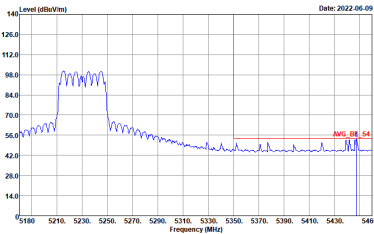
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank



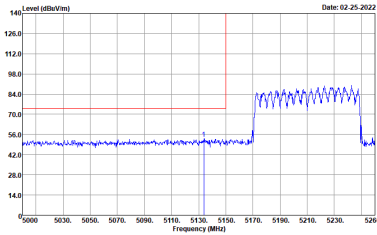
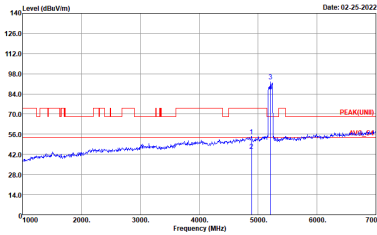
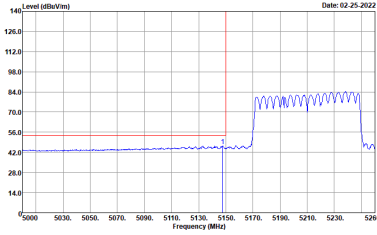
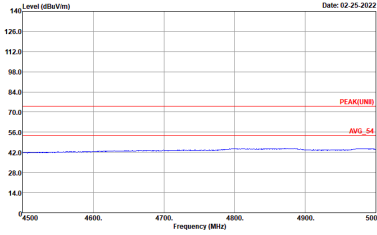
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vvac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vvac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

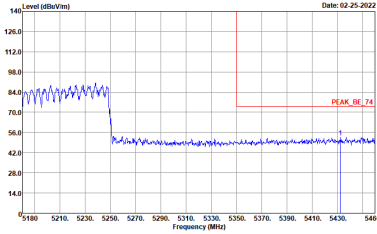
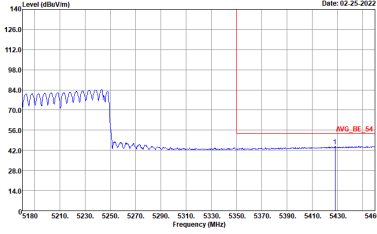
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

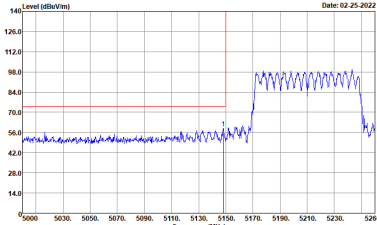
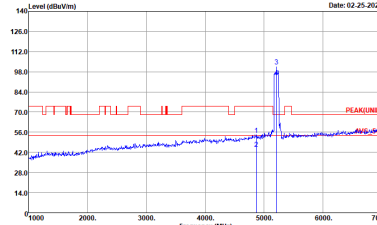
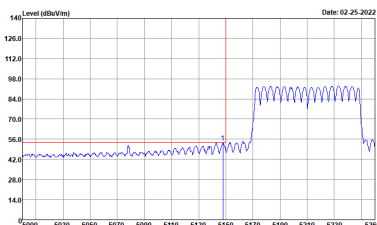
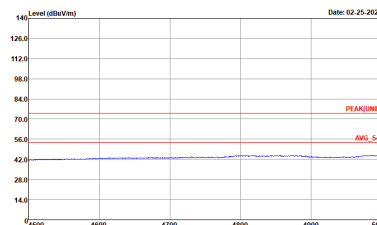


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

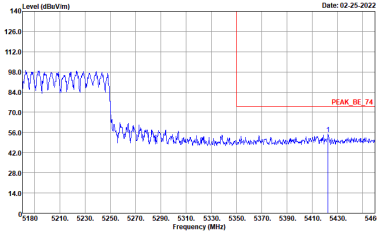
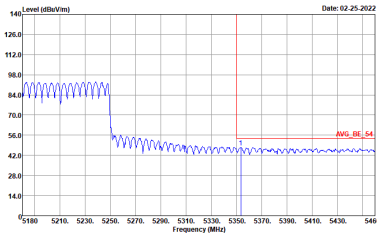
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:10000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL

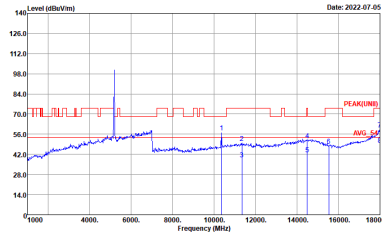
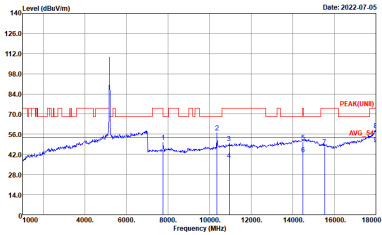
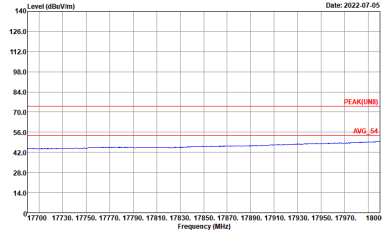
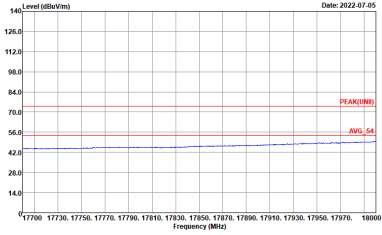
WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:10000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL

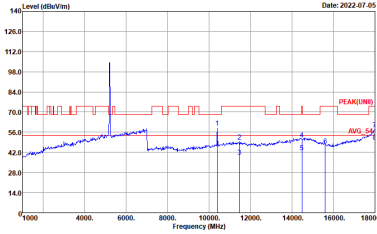
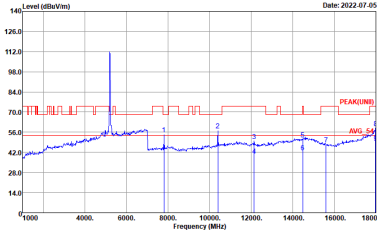


WIFI	Band 1 5150~5250MHz Band Edge @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

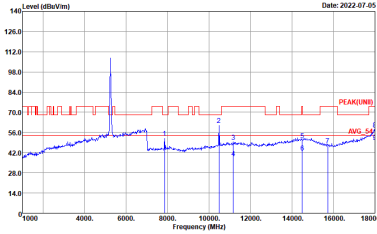
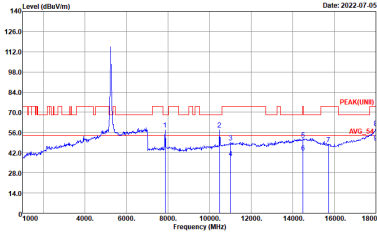
Band 1 - 5150~5250MHz
WIFI 802.11a (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH36 5180MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVG Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVG Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL



WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH40 5200MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800



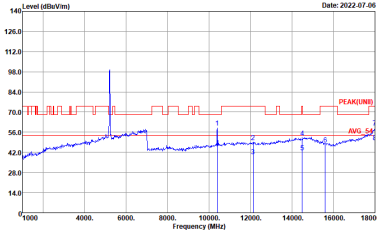
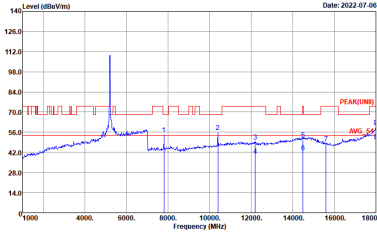
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11a CH48 5240MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800



Band 1 5150~5250MHz
WIFI 802.11ac VHT20 (Harmonic @ 3m)

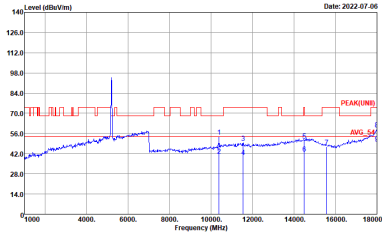
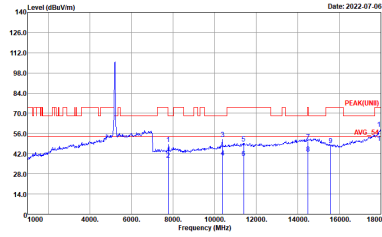
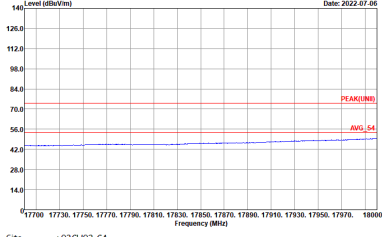
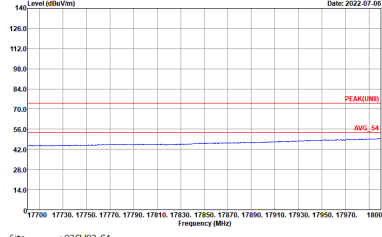
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH36 5180MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-07-06 Frequency (MHz) Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Level (dBuV/m) Date: 2022-07-06 Frequency (MHz) Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	Level (dBuV/m) Date: 2022-07-06 Frequency (MHz) Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL	Level (dBuV/m) Date: 2022-07-06 Frequency (MHz) Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL



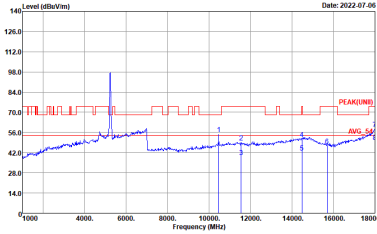
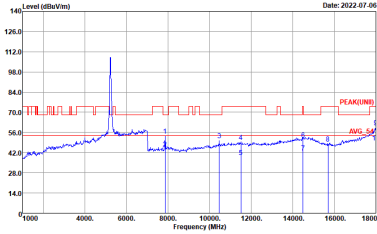
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH40 5200MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH48 5240MHz	
1+2	Horizontal	Vertical
Peak	Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.		

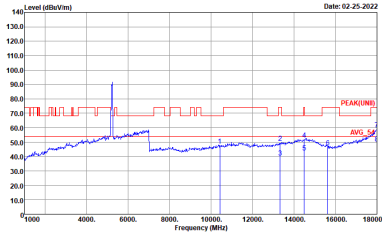
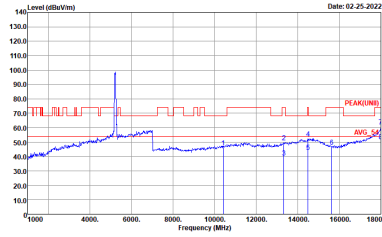
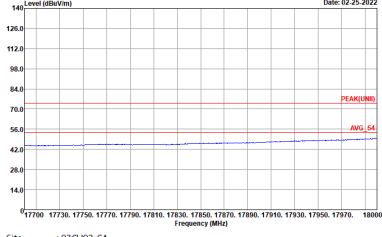
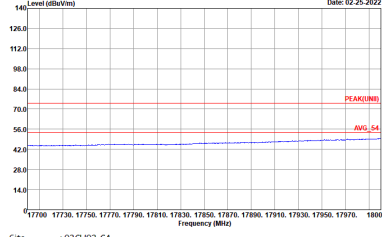
Band 1 5150~5250MHz
WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH38 5190MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL

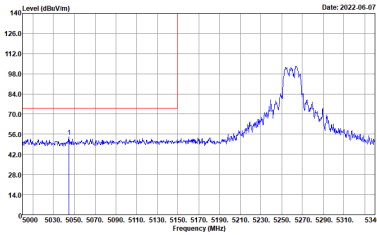
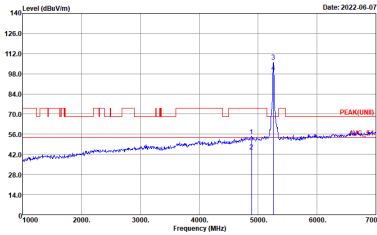
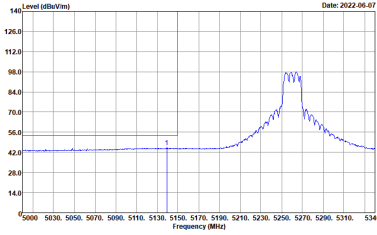


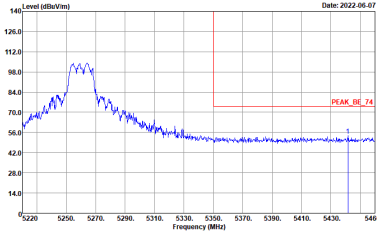
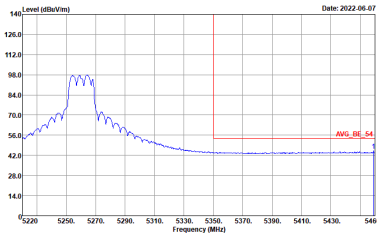
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH46 5230MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800

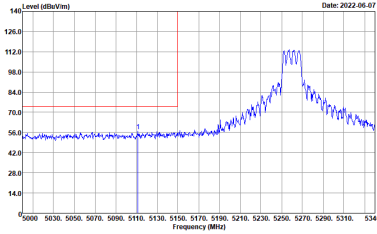
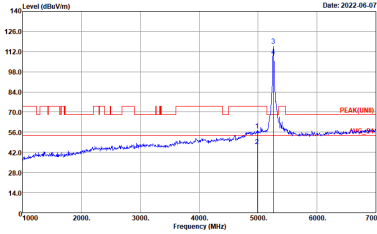
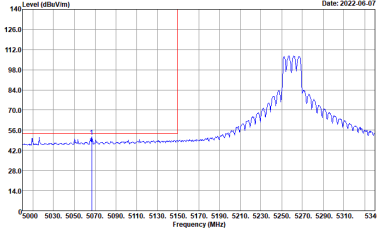
Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Harmonic @ 3m)

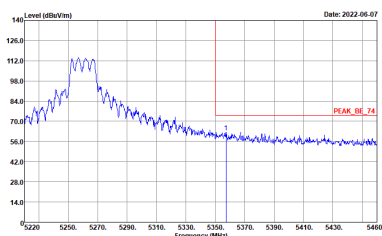
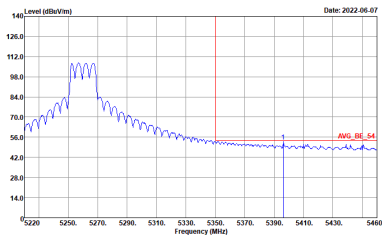
WIFI	Band 1 5150~5250MHz Harmonic @ 3m	
ANT	802.11ac VHT80 CH42 5210MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL

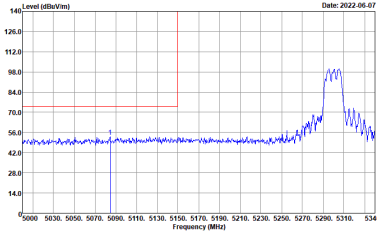
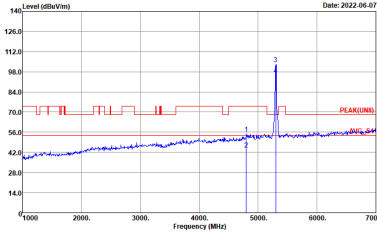
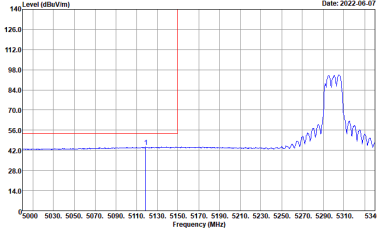
Band 2 - 5250~5350MHz
WIFI 802.11a (Band Edge @ 3m)

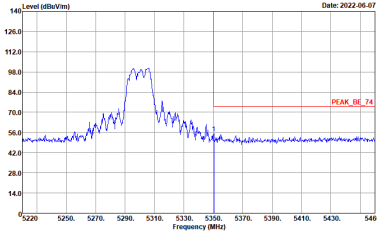
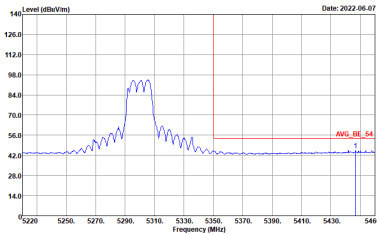
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:1000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

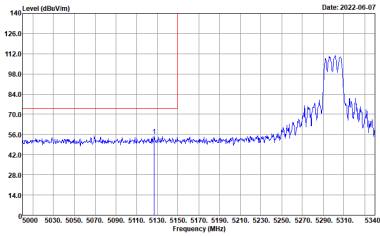
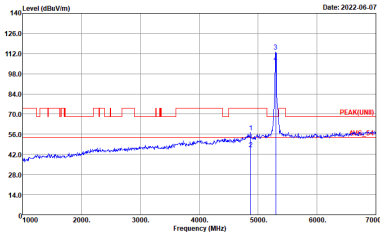
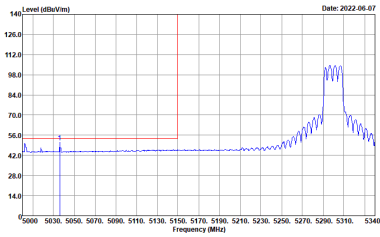
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vacc/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vacc/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

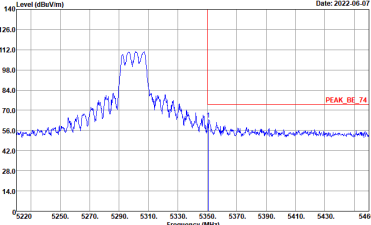
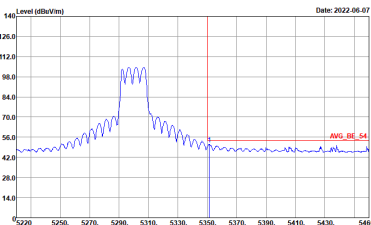
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

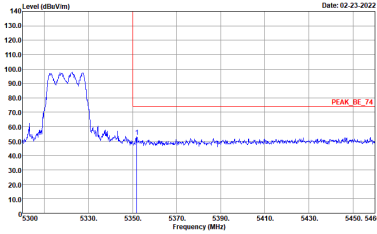
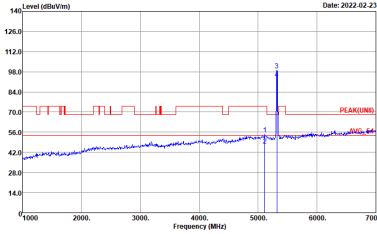
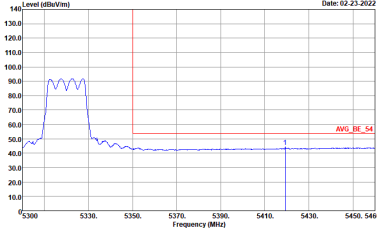
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

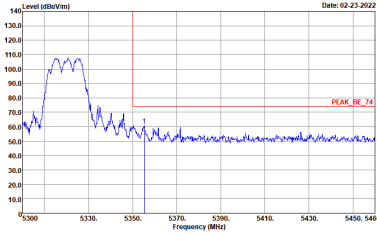
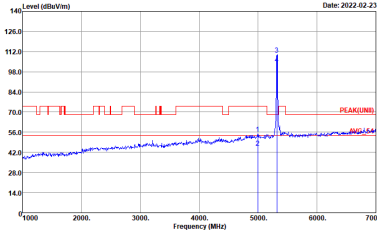
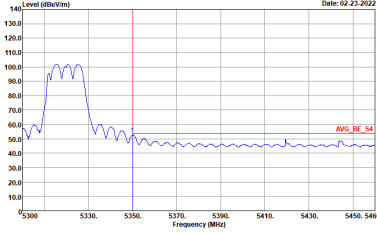
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank



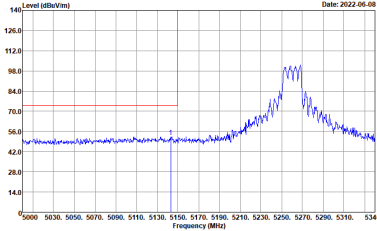
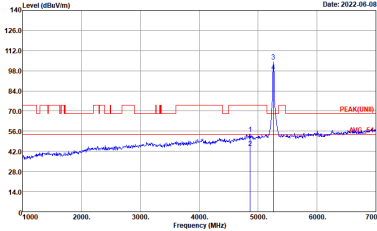
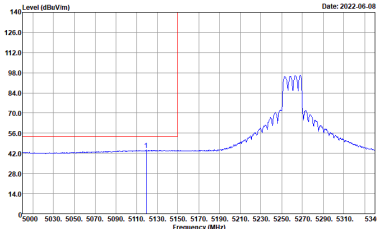
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

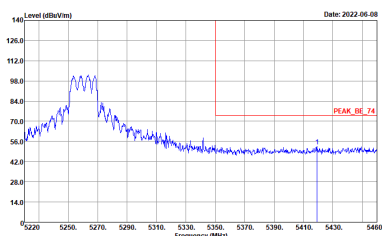
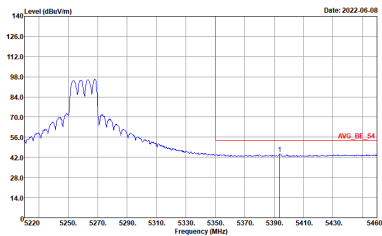
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

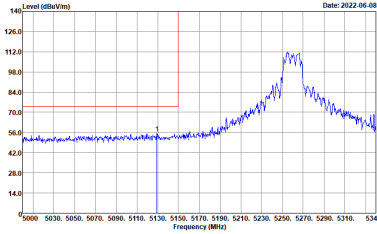
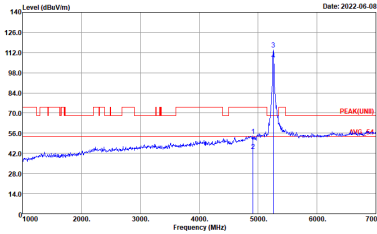
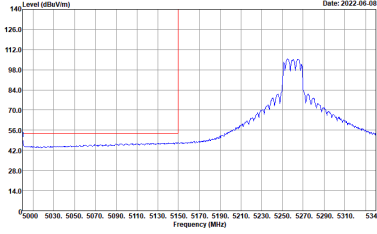
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11a CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank



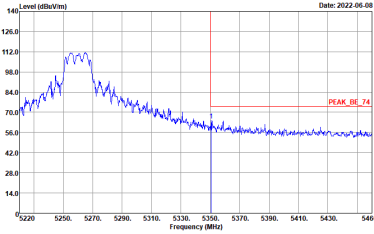
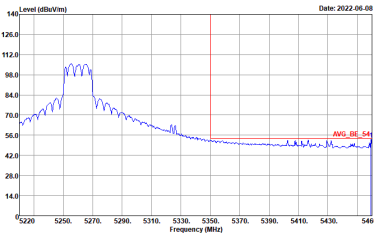
Band 2 5250~5350MHz
WIFI 802.11ac VHT20 (Band Edge @ 3m)

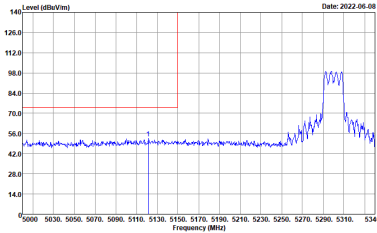
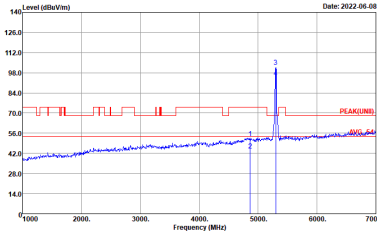
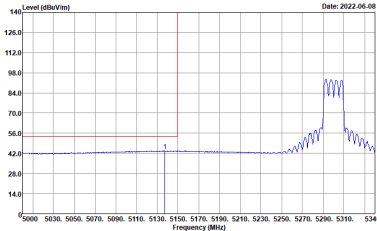
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

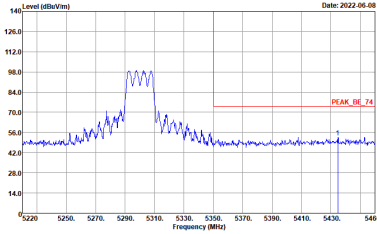
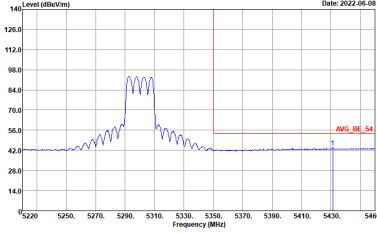
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

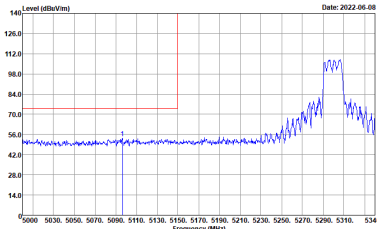
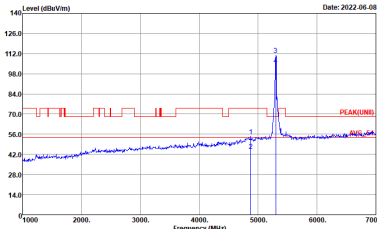
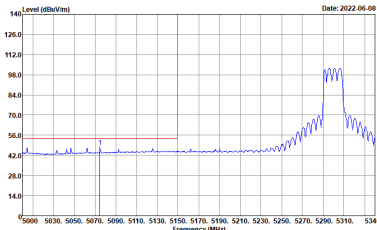
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNI) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank



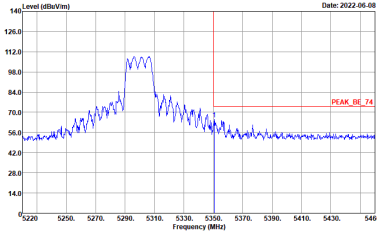
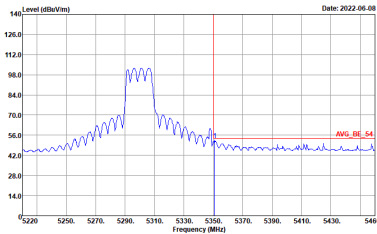
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH52 5260MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

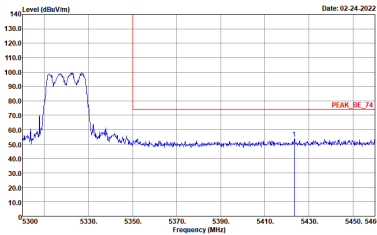
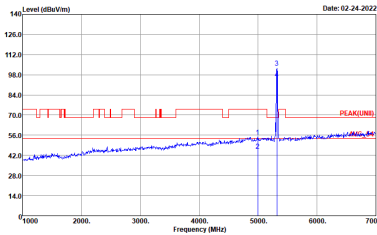
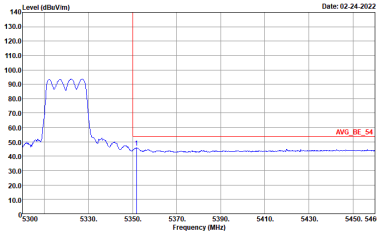
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

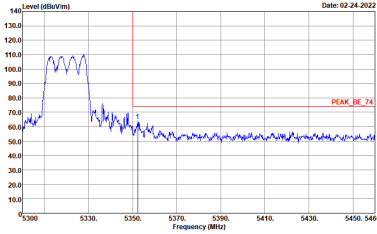
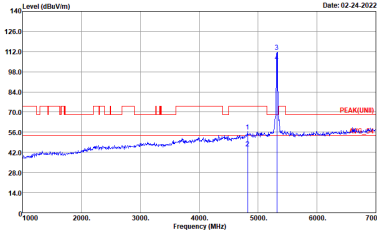
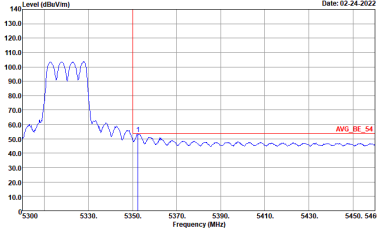
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNI) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

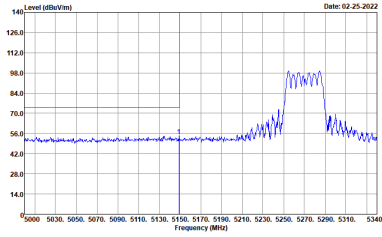
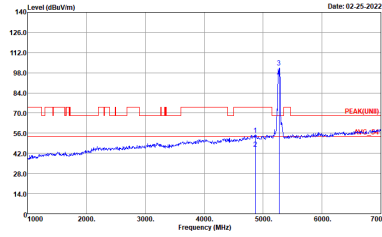
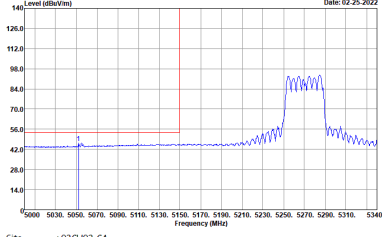


WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH60 5300MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

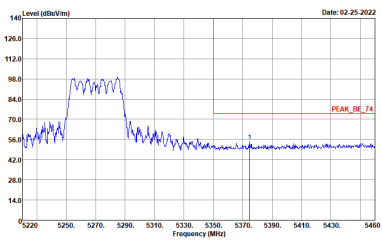
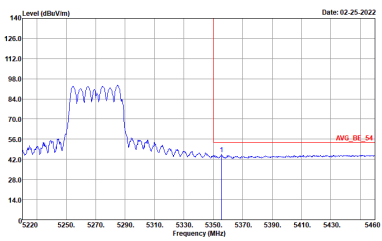
WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNB) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Wac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH64 5320MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNII) 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank

Band 2 5250~5350MHz
WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	 Site : 03CH02-CA Condition : PEAK(UNIT) 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank



WIFI	Band 2 5250~5350MHz Band Edge @ 3m	
ANT	802.11ac VHT40 CH54 5270 - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : Z20103001 Power : AVR Power 120Vac/60Hz EUT : LiveU-800 Model : LiveU-800	Left blank