



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 C §15.247

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



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test.....	5
1.2 Modification of EUT	5
1.3 Testing Location	6
1.4 Applicable Standards.....	6
2 Test Configuration of Equipment Under Test	7
2.1 Carrier Frequency and Channel	7
2.2 Test Mode.....	8
2.3 Connection Diagram of Test System.....	9
2.4 Support Unit used in test configuration and system	9
2.5 EUT Operation Test Setup	9
3 Test Result	10
3.1 Output Power Measurement.....	10
3.2 Radiated Band Edges and Spurious Emission Measurement	13
3.3 AC Conducted Emission Measurement.....	18
3.4 Antenna Requirements.....	20
4 List of Measuring Equipment.....	21
5 Uncertainty of Evaluation	23
Appendix A. AC Conducted Emission Test Result	
Appendix B. Radiated Spurious Emission	
Appendix C. Radiated Spurious Emission Plots	
Appendix D. Duty Cycle Plots	
Appendix E. Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FR220103001C	01	Initial issue of report	Jul. 22, 2022
FR220103001C	02	1. Revise section 3.2.8 2. Revise Appendix B and Appendix C	Aug. 03, 2022

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	15.247(a)(2)	6dB Bandwidth	-	See Note
-	2.1049	99% Occupied Bandwidth	-	See Note
3.1	15.247(b)	Power Output Measurement	Pass	-
-	15.247(e)	Power Spectral Density	-	See Note
-	15.247(d)	Conducted Band Edges	-	See Note
		Conducted Spurious Emission	-	See Note
3.2	15.247(d)	Radiated Band Edges and Radiated Spurious Emission	Pass	0.62 dB under the limit at 4874.000 MHz
3.3	15.207	AC Conducted Emission	Pass	21.77 dB under the limit at 22.625 MHz
3.4	15.203 & 15.247(b)	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		
2400 MHz ~ 2483.5 MHz	Peak Gain (dBi)	Ant. 1: 0.62 dBi Ant. 2: 1.35 dBi Ant. 3: 4.18 dBi Ant. 4: 3.38 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 C §15.247
- ♦ FCC KDB Publication No. 558074 D01 DTS Meas. Guidance v05r02
- ♦ 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.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
2400-2483.5 MHz	1	2412	7	2442
	2	2417	8	2447
	3	2422	9	2452
	4	2427	10	2457
	5	2432	11	2462
	6	2437		

2.2 Test Mode

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

MIMO Antenna

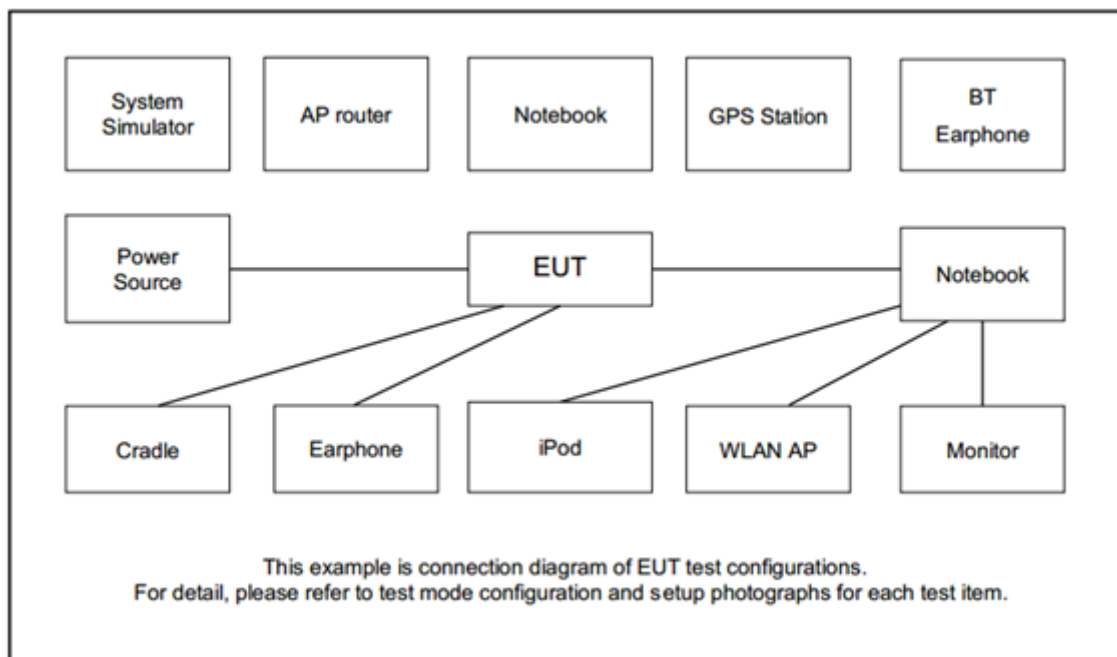
Modulation	Data Rate
802.11b	1 Mbps
802.11g	6 Mbps
802.11n HT20	MCS0
802.11n HT40	MCS0

Test Cases	
AC Conducted Emission	Mode 1 :WLAN (2.4GHz) Tx + Charging from Adapter for Sample 1 Mode 2 WLAN (2.4GHz) Tx + Charging from Adapter for Sample 2

Ch. #	2400-2483.5 MHz			
	802.11b	802.11g	802.11n HT20	802.11n HT40
Low	01	01	01	03
Middle	06	06	06	06
High	11	11	11	09

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 V0.62” 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 Output Power Measurement

3.1.1 Limit of Output Power

For systems using digital modulation in the 2400-2483.5 MHz, the limit for output power is 30 dBm. If transmitting antenna with directional gain greater than 6 dBi is used, the peak output power from the intentional radiator shall be reduced below the above stated value by the amount in dB that the directional gain of the antenna exceeds 6 dBi. In case of point-to-point operation, the limit has to be reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

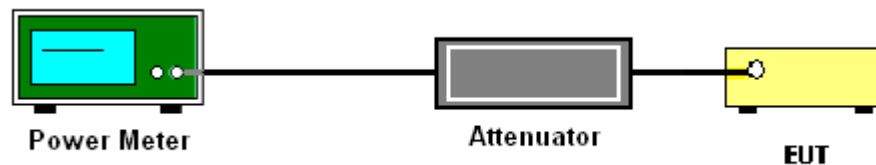
3.1.2 Measuring Instruments

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

3.1.3 Test Procedures

1. For Average Power, the testing follows ANSI C63.10 Section 11.9.2.3.2 Method AVGPM-G
2. The RF output of EUT is connected to the power meter by RF cable and attenuator. The path loss is compensated to the results for each measurement.
3. Set the maximum power setting and enable the EUT to transmit continuously.
4. Measure the conducted output power and record the results in the test report.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.

3.1.4 Test Setup





3.1.5 Test Result of Average Output Power

<Sample 1>

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11b	1Mbps	2	1	2412	11.00	11.26	14.14	30.00		1.35		15.49		36.00		Pass
11b	1Mbps	2	6	2437	13.89	14.08	17.00	30.00		1.35		18.35		36.00		Pass
11b	1Mbps	2	11	2462	13.89	14.10	17.01	30.00		1.35		18.36		36.00		Pass
11g	6Mbps	2	1	2412	12.12	12.32	15.23	30.00		1.35		16.58		36.00		Pass
11g	6Mbps	2	6	2437	16.03	16.26	19.16	30.00		1.35		20.51		36.00		Pass
11g	6Mbps	2	11	2462	13.04	13.27	16.17	30.00		1.35		17.52		36.00		Pass
HT20	MCS0	2	1	2412	15.26	15.47	18.38	30.00		1.35		19.73		36.00		Pass
HT20	MCS0	2	6	2437	18.16	18.37	21.28	30.00		1.35		22.63		36.00		Pass
HT20	MCS0	2	11	2462	15.91	17.06	19.53	30.00		1.35		20.88		36.00		Pass
HT40	MCS0	2	3	2422	11.07	11.31	14.20	30.00		1.35		15.55		36.00		Pass
HT40	MCS0	2	6	2437	16.70	17.87	20.33	30.00		1.35		21.68		36.00		Pass
HT40	MCS0	2	9	2452	13.80	15.09	17.50	30.00		1.35		18.85		36.00		Pass

Note: Measured power (dBm) has offset with cable loss.



<Sample 2>

2.4GHz Band MIMO																
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			Conducted Power Limit (dBm)		DG (dBi)		EIRP Power (dBm)		EIRP Power Limit (dBm)		Pass /Fail
					Ant1	Ant2	SUM	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11b	1Mbps	2	1	2412	9.76	9.94	12.86	30.00		4.18		17.04		36.00		Pass
11b	1Mbps	2	6	2437	12.60	12.81	15.72	30.00		4.18		19.90		36.00		Pass
11b	1Mbps	2	11	2462	12.56	12.78	15.68	30.00		4.18		19.86		36.00		Pass
11g	6Mbps	2	1	2412	11.81	12.01	14.92	30.00		4.18		19.10		36.00		Pass
11g	6Mbps	2	6	2437	15.76	15.93	18.86	30.00		4.18		23.04		36.00		Pass
11g	6Mbps	2	11	2462	12.72	12.90	15.82	30.00		4.18		20.00		36.00		Pass
HT20	MCS0	2	1	2412	16.79	17.65	20.25	30.00		4.18		24.43		36.00		Pass
HT20	MCS0	2	6	2437	18.89	19.08	22.00	30.00		4.18		26.18		36.00		Pass
HT20	MCS0	2	11	2462	16.33	17.14	19.76	30.00		4.18		23.94		36.00		Pass
HT40	MCS0	2	3	2422	10.80	10.98	13.90	30.00		4.18		18.08		36.00		Pass
HT40	MCS0	2	6	2437	14.72	14.90	17.82	30.00		4.18		22.00		36.00		Pass
HT40	MCS0	2	9	2452	11.73	11.92	14.84	30.00		4.18		19.02		36.00		Pass

Note: Measured power (dBm) has offset with cable loss.

3.2 Radiated Band Edges and Spurious Emission Measurement

3.2.1 Limit of Radiated band edge and Spurious Emission Measurement

In any 100 kHz bandwidth outside the intentional radiator frequency band, all harmonics/spurious must be at least 20 dB below the highest emission level within the authorized band. If the output power of this device is measured by spectrum analyzer, the attenuation under this paragraph shall be 30 dB instead of 20 dB. In addition, radiated emissions which fall in the restricted bands must also comply with the limits as below.

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

3.2.2 Measuring Instruments

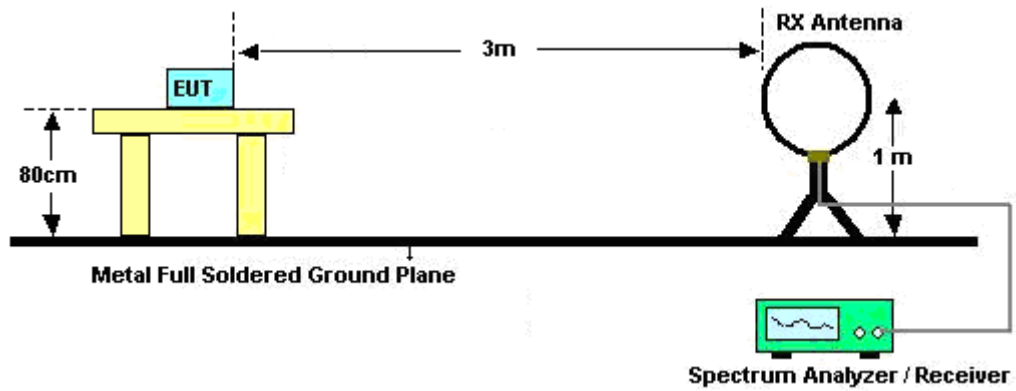
Please refer to the measuring equipment list in this test report.

3.2.3 Test Procedures

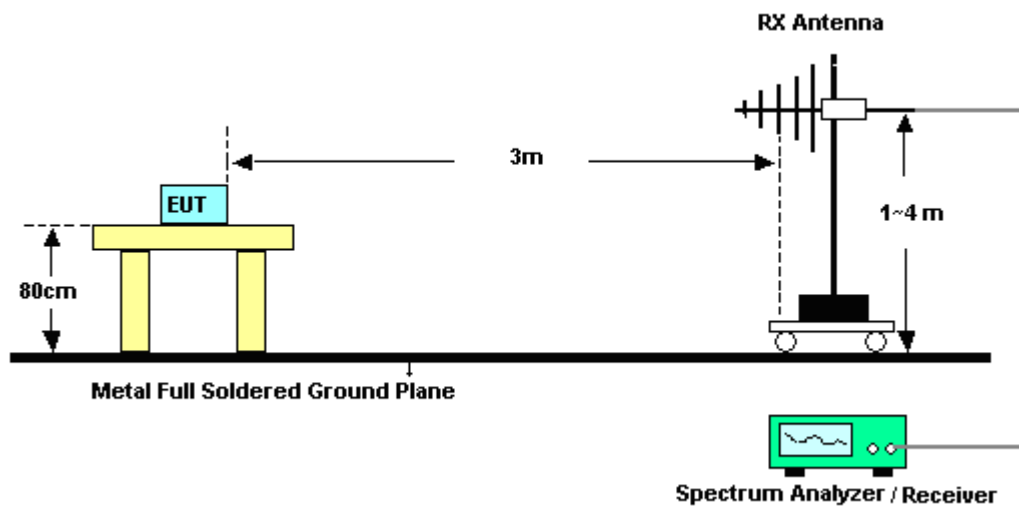
1. The testing follows the ANSI C63.10 Section 11.12.1 Radiated emission measurements.
2. The EUT is arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. 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.
4. The EUT is set 3 meters away from the receiving antenna, which is mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
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 “-”.
8. Use the following spectrum analyzer settings:
 - (1) Span shall wide enough to fully capture the emission being measured;
 - (2) Set RBW = 100 kHz for $f < 1$ GHz; VBW $\geq$ RBW; Sweep = auto; Detector function = peak; Trace = max hold;
 - (3) Set RBW = 1 MHz, VBW= 3 MHz for $f \geq 1$ GHz for peak measurement.For average measurement:
 - 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.

3.2.4 Test Setup

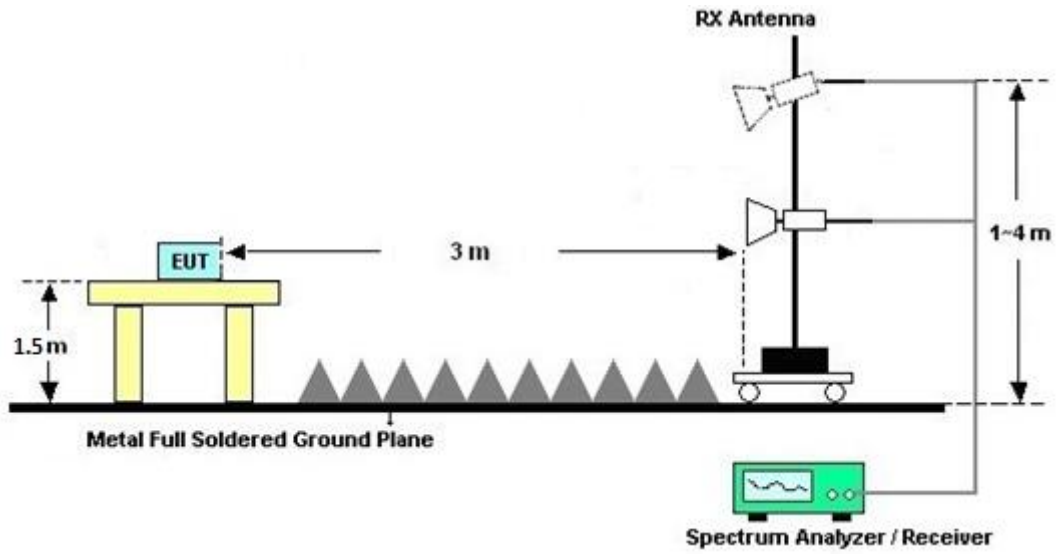
For radiated emissions below 30MHz



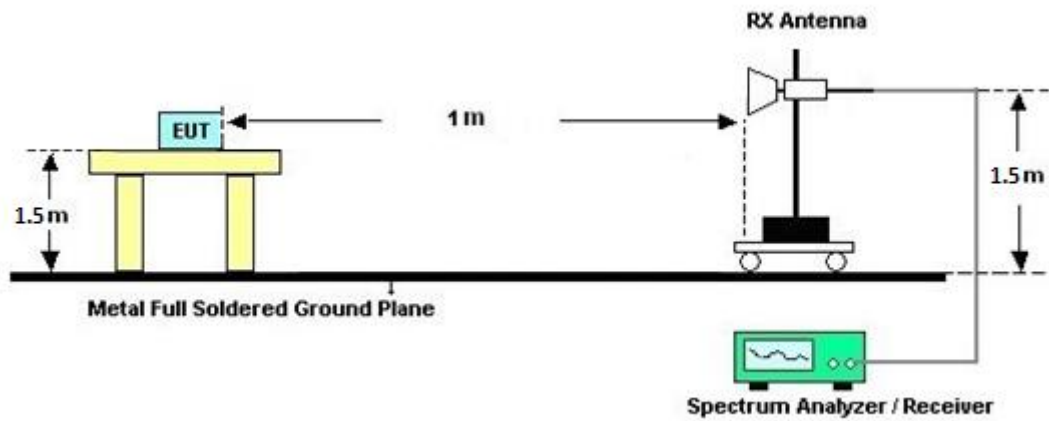
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz





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

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 comes 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 Emission (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.

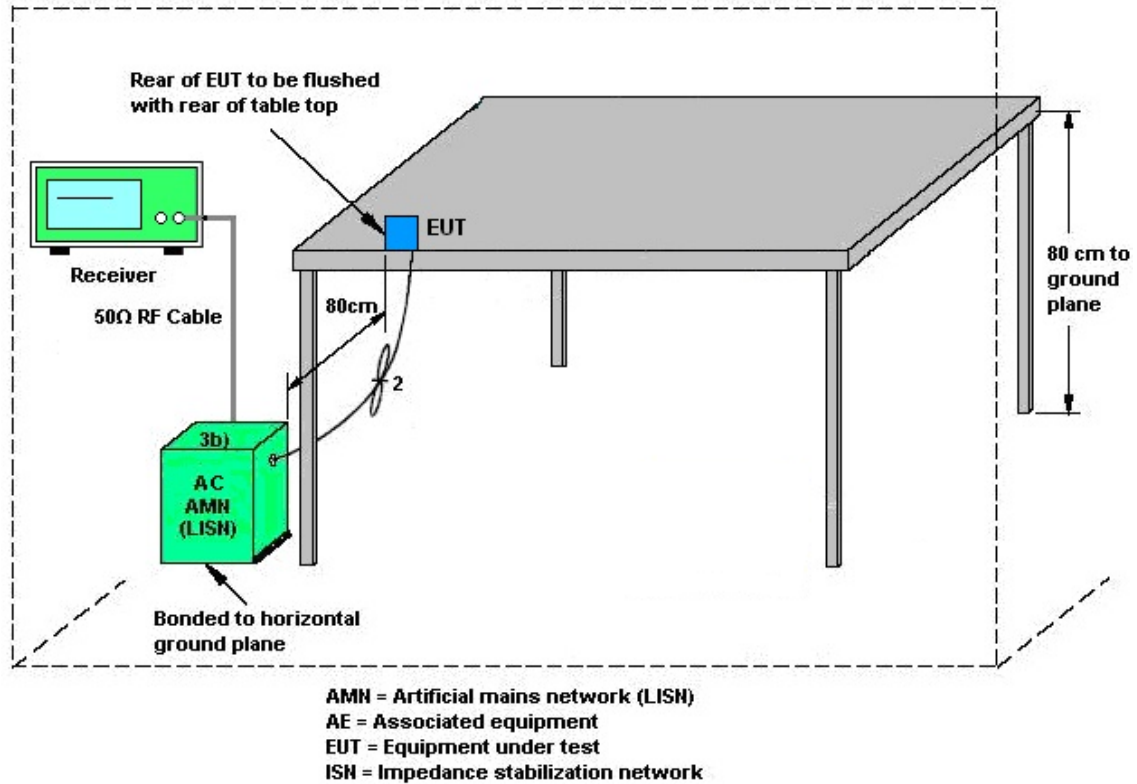
3.3.2 Measuring Instruments

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 (IF bandwidth = 9kHz) 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 directional gain of transmitting Antennas is greater than 6 dBi, the power shall be reduced by the same level in dB comparing to gain minus 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the rule.

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	Ma. 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	WHKX12-2700 -3000-18000-6 OST	SN10	3GHz High Pass Filter	Jul. 22, 2021	Jan. 24, 2022~ Jul. 20, 2022	Jul. 21, 2022	Radiation (03CH02-CA)
Filter	Wainwright	WHKX12-2700 -3000-18000-6 OST	SN10	3GHz High Pass Filter	Jul. 21, 2022	Jul. 20, 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
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-1901 026	10MHz-6GHz	Jul. 26, 2021	Jan. 24, 2022~ Jul. 11, 2022	Jul. 25, 2022	Conducted (TH01-CA)
Power meter	Anritsu	ML2495A	1804004	N/A	Jul. 22, 2021	Jan. 24, 2022~ Jul. 11, 2022	Jul. 21, 2022	Conducted (TH01-CA)
Power Sensor	Anritsu	MA2411B	1726149	300MHz~40GHz	Jul. 22, 2021	Jan. 24, 2022~ Jul. 11, 2022	Jul. 21, 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)
LISN	TESEQ	NNB51	47415	N/A	May 10, 2022	Jul. 13, 2022	May 09, 2023	Conduction (CO01-CA)
Pulse limiter with 10dB attenuation	SCHWARZBE CK	VTSD 9561-F N	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)

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
---	---------



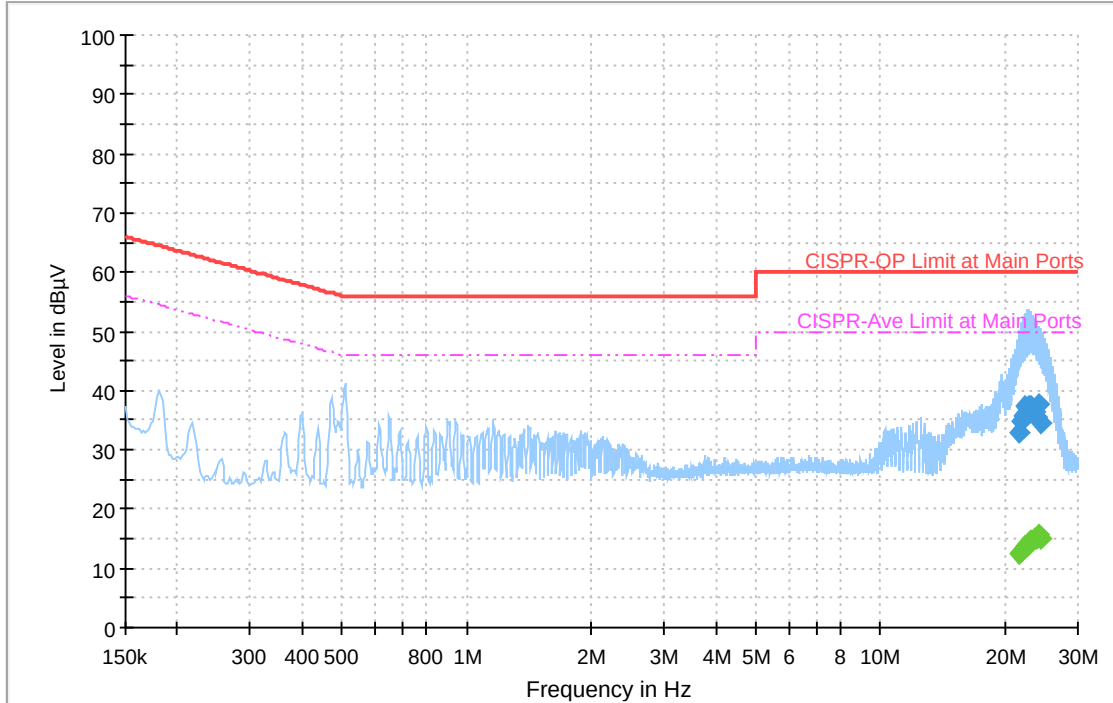
Appendix A. AC Conducted Emission Test Results

<Sample 1>

EUT Information

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

Full Spectrum



Final Result

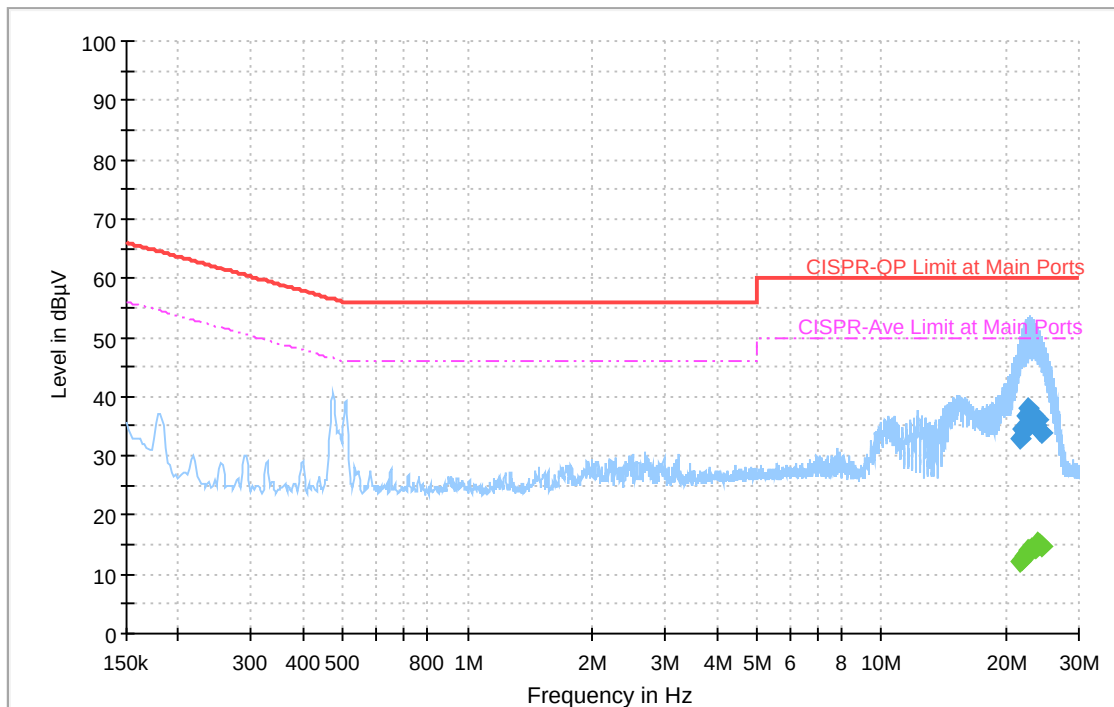
Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
21.569649	32.93	---	60.00	27.07	L1	OFF	20.5
21.569649	---	12.53	50.00	37.47	L1	OFF	20.5
21.825699	34.92	---	60.00	25.08	L1	OFF	20.5
21.825699	---	12.67	50.00	37.33	L1	OFF	20.5
22.079661	35.91	---	60.00	24.09	L1	OFF	20.5
22.079661	---	13.02	50.00	36.98	L1	OFF	20.5
22.361586	37.27	---	60.00	22.73	L1	OFF	20.5
22.361586	---	13.62	50.00	36.38	L1	OFF	20.5
22.612686	37.13	---	60.00	22.87	L1	OFF	20.5
22.612686	---	13.59	50.00	36.41	L1	OFF	20.5
22.867845	37.47	---	60.00	22.53	L1	OFF	20.5
22.867845	---	14.22	50.00	35.78	L1	OFF	20.5
23.122239	37.25	---	60.00	22.75	L1	OFF	20.6
23.122239	---	14.58	50.00	35.42	L1	OFF	20.6
23.636184	36.34	---	60.00	23.66	L1	OFF	20.6
23.636184	---	15.07	50.00	34.93	L1	OFF	20.6
23.908425	35.51	---	60.00	24.49	L1	OFF	20.6
23.908425	---	15.03	50.00	34.97	L1	OFF	20.6
24.184392	37.69	---	60.00	22.31	L1	OFF	20.6
24.184392	---	15.75	50.00	34.25	L1	OFF	20.6
24.434835	34.63	---	60.00	25.37	L1	OFF	20.6
24.434835	---	14.97	50.00	35.03	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)
21.577443	32.99	---	60.00	27.01	N	OFF	20.5
21.577443	---	12.26	50.00	37.74	N	OFF	20.5
21.827544	34.47	---	60.00	25.53	N	OFF	20.5
21.827544	---	12.53	50.00	37.47	N	OFF	20.5
22.075512	34.28	---	60.00	25.72	N	OFF	20.5
22.075512	---	12.97	50.00	37.03	N	OFF	20.5
22.327476	36.76	---	60.00	23.24	N	OFF	20.5
22.327476	---	13.29	50.00	36.71	N	OFF	20.5
22.618275	37.91	---	60.00	22.09	N	OFF	20.5
22.618275	---	14.01	50.00	35.99	N	OFF	20.5
22.871634	36.92	---	60.00	23.08	N	OFF	20.5
22.871634	---	13.94	50.00	36.06	N	OFF	20.5
23.121438	37.17	---	60.00	22.83	N	OFF	20.5
23.121438	---	14.38	50.00	35.62	N	OFF	20.5
23.372970	36.72	---	60.00	23.28	N	OFF	20.5
23.372970	---	14.45	50.00	35.55	N	OFF	20.5
23.626194	35.16	---	60.00	24.84	N	OFF	20.5
23.626194	---	14.33	50.00	35.67	N	OFF	20.5
23.913960	36.16	---	60.00	23.84	N	OFF	20.5
23.913960	---	15.23	50.00	34.77	N	OFF	20.5
24.157860	34.13	---	60.00	25.87	N	OFF	20.5
24.157860	---	14.99	50.00	35.01	N	OFF	20.5

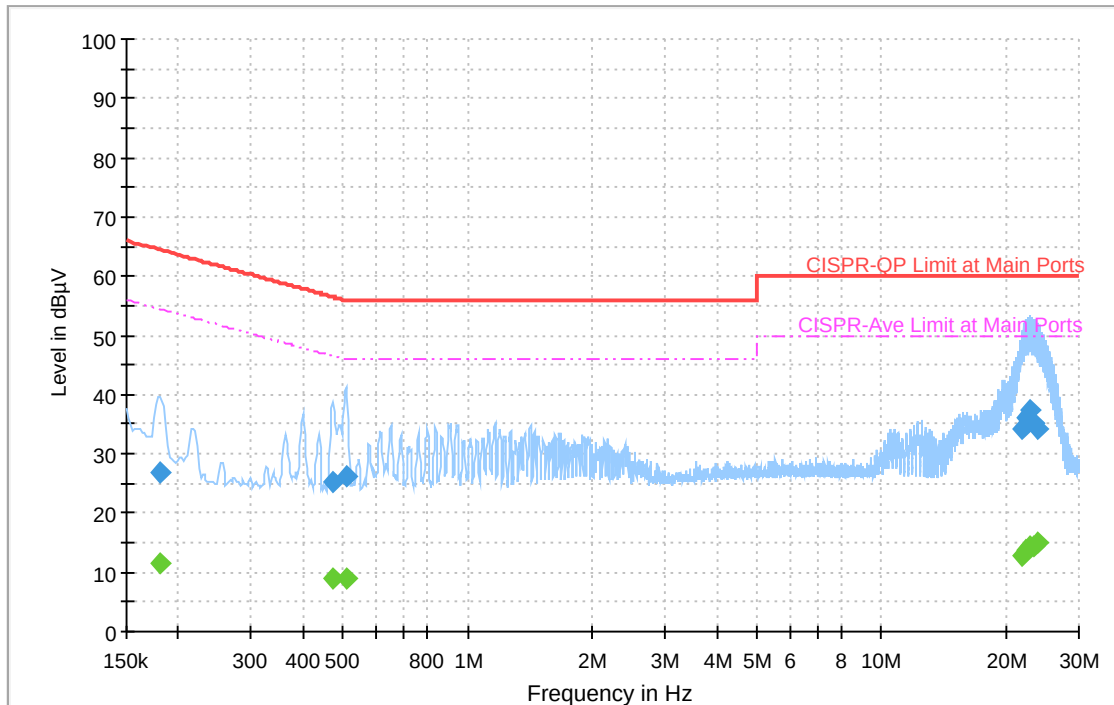
Frequency (MHz)	QuasiPeak (dBμV)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Line	Filter	Corr. (dB)
24.417159	33.78	---	60.00	26.22	N	OFF	20.5
24.417159	---	14.78	50.00	35.22	N	OFF	20.5

<Sample 2>

EUT Information

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

Full Spectrum



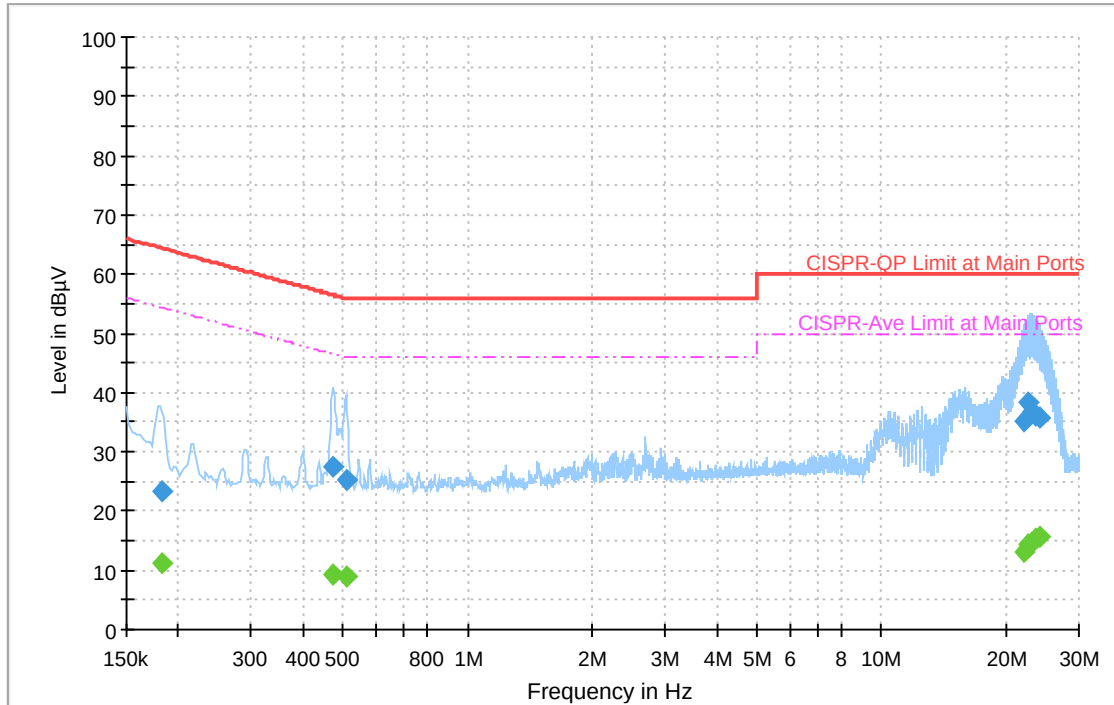
Final Result

Frequency (MHz)	QuasiPeak (dBµV)	CAverage (dBµV)	Limit (dBµV)	Margin (dB)	Line	Filter	Corr. (dB)
0.181194	---	11.44	54.43	42.99	L1	OFF	20.3
0.181194	26.96	---	64.43	37.47	L1	OFF	20.3
0.471543	---	8.97	46.49	37.52	L1	OFF	20.3
0.471543	25.29	---	56.49	31.20	L1	OFF	20.3
0.511206	---	9.07	46.00	36.93	L1	OFF	20.3
0.511206	26.08	---	56.00	29.92	L1	OFF	20.3
21.839856	---	12.92	50.00	37.08	L1	OFF	20.5
21.839856	34.20	---	60.00	25.80	L1	OFF	20.5
22.341984	---	13.73	50.00	36.27	L1	OFF	20.5
22.341984	36.18	---	60.00	23.82	L1	OFF	20.5
22.879644	---	14.26	50.00	35.74	L1	OFF	20.5
22.879644	37.36	---	60.00	22.64	L1	OFF	20.5
23.376732	---	14.48	50.00	35.52	L1	OFF	20.6
23.376732	35.26	---	60.00	24.74	L1	OFF	20.6
23.878635	---	15.16	50.00	34.84	L1	OFF	20.6
23.878635	34.31	---	60.00	25.69	L1	OFF	20.6

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)
0.182229	---	11.19	54.38	43.19	N	OFF	20.3
0.182229	23.44	---	64.38	40.94	N	OFF	20.3
0.471003	---	9.17	46.50	37.33	N	OFF	20.3
0.471003	27.41	---	56.50	29.09	N	OFF	20.3
0.507588	---	8.98	46.00	37.02	N	OFF	20.3
0.507588	25.28	---	56.00	30.72	N	OFF	20.3
22.085106	---	13.21	50.00	36.79	N	OFF	20.5
22.085106	35.11	---	60.00	24.89	N	OFF	20.5
22.625106	---	14.30	50.00	35.70	N	OFF	20.5
22.625106	38.23	---	60.00	21.77	N	OFF	20.5
23.126496	---	14.84	50.00	35.16	N	OFF	20.5
23.126496	36.62	---	60.00	23.38	N	OFF	20.5
23.666289	---	15.24	50.00	34.76	N	OFF	20.5
23.666289	36.02	---	60.00	23.98	N	OFF	20.5
24.175896	---	15.51	50.00	34.49	N	OFF	20.5
24.175896	35.64	---	60.00	24.36	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>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (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.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2366.7	55.12	-18.88	74	41.29	27.74	17.39	31.3	104	142	P	H
		2388.225	45.94	-8.06	54	32.1	27.69	17.43	31.28	104	142	A	H
	*	2412	105.33	-	-	91.47	27.66	17.47	31.27	104	142	P	H
	*	2412	102.67	-	-	88.81	27.66	17.47	31.27	104	142	A	H
													H
													H
		2355.78	55.55	-18.45	74	41.6	27.89	17.36	31.3	299	24	P	V
		2387.385	45.3	-8.7	54	31.36	27.79	17.43	31.28	299	24	A	V
	*	2412	105.19	-	-	91.29	27.7	17.47	31.27	299	24	P	V
	*	2412	102.56	-	-	88.66	27.7	17.47	31.27	299	24	A	V
													V
													V
802.11b CH 06 2437MHz		2341.04	55.8	-18.2	74	42.18	27.82	17.33	31.53	156	112	P	H
		2374.8	47.07	-6.93	54	33.47	27.72	17.4	31.52	156	112	A	H
	*	2437	106.19	-	-	92.51	27.66	17.5	31.48	156	112	P	H
	*	2437	102.25	-	-	88.57	27.66	17.5	31.48	156	112	A	H
		2488.64	56.2	-17.8	74	42.45	27.62	17.59	31.46	156	112	P	H
		2484.96	45.97	-8.03	54	32.22	27.62	17.59	31.46	156	112	A	H
		2379.92	55.87	-18.13	74	42.17	27.81	17.41	31.52	328	29	P	V
		2349.52	46.31	-7.69	54	32.57	27.91	17.35	31.52	328	29	A	V
	*	2437	105.88	-	-	92.26	27.6	17.5	31.48	328	29	P	V
	*	2437	102.72	-	-	89.1	27.6	17.5	31.48	328	29	A	V
		2500	55.14	-18.86	74	41.49	27.49	17.61	31.45	328	29	P	V
		2484.88	45.95	-8.05	54	32.31	27.51	17.59	31.46	328	29	A	V



802.11b CH 11 2462MHz	*	2462	104.03	-	-	90.3	27.65	17.55	31.47	100	148	P	H
	*	2462	101.13	-	-	87.4	27.65	17.55	31.47	100	148	A	H
		2486.96	55.4	-18.6	74	41.66	27.62	17.58	31.46	100	148	P	H
		2499.92	46.23	-7.77	54	32.47	27.61	17.6	31.45	100	148	A	H
													H
													H
	*	2462	106.19	-	-	92.57	27.54	17.55	31.47	316	26	P	V
	*	2462	103.56	-	-	89.94	27.54	17.55	31.47	316	26	A	V
		2486.12	56.49	-17.51	74	42.87	27.5	17.58	31.46	316	26	P	V
		2486.84	46.68	-7.32	54	33.06	27.5	17.58	31.46	316	26	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (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)
802.11b CH 01 2412MHz		4824	41.15	-32.85	74	66.34	31.49	11.23	67.91	-	-	P	H
		7236	45.24	-28.76	74	61.22	36.22	13.69	65.89	-	-	P	H
		11760	49.08	-24.92	74	60.02	39.32	17.47	67.73	-	-	P	H
		11760	39.44	-14.56	54	50.38	39.32	17.47	67.73	-	-	A	H
		12060	57.24	-16.76	74	67.7	39.28	17.73	67.47	207	198	P	H
		12060	53.1	-0.9	54	63.56	39.28	17.73	67.47	207	198	A	H
		14490	50.89	-23.11	74	57.09	41.94	19.6	67.74	-	-	P	H
		14490	40.94	-13.06	54	47.14	41.94	19.6	67.74	-	-	A	H
		18000	59.07	-14.93	74	57.23	48.82	22.44	69.42	-	-	P	H
		18000	51.16	-2.84	54	49.32	48.82	22.44	69.42	-	-	A	H
													H
													H
		4824	46.13	-27.87	74	71.27	31.54	11.23	67.91	-	-	P	V
		7236	49.6	-24.4	74	65.64	36.16	13.69	65.89	-	-	P	V
		11370	48.69	-25.31	74	59.85	39.87	17.14	68.17	-	-	P	V
		11370	37.24	-16.76	54	48.4	39.87	17.14	68.17	-	-	A	V
		12060	55.67	-18.33	74	66.2	39.21	17.73	67.47	266	182	P	V
		12060	51.52	-2.48	54	62.05	39.21	17.73	67.47	266	182	A	V
		14490	50.06	-23.94	74	56.26	41.94	19.6	67.74	-	-	P	V
		14490	41.77	-12.23	54	47.97	41.94	19.6	67.74	-	-	A	V
		18000	59.05	-14.95	74	56.99	49.04	22.44	69.42	-	-	P	V
		18000	49.94	-4.06	54	47.88	49.04	22.44	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)
802.11b CH 06 2437MHz		3660	50.69	-23.31	74	79.29	29.22	10.19	68.01	349	366	P	H
		3660	44.85	-9.15	54	73.45	29.22	10.19	68.01	349	366	A	H
		4065	43.32	-30.68	74	71.42	29.8	10.55	68.45	378	246	P	H
		4065	38.46	-15.54	54	66.56	29.8	10.55	68.45	378	246	A	H
		4874	48.54	-25.46	74	73.52	31.45	11.48	67.91	247	164	P	H
		4874	47.07	-6.93	54	72.05	31.45	11.48	67.91	247	164	A	H
		7311	47.73	-26.27	74	64.48	36.33	13.91	66.99	400	228	P	H
		7311	41.44	-12.56	54	58.19	36.33	13.91	66.99	400	228	A	H
		11430	49.28	-24.72	74	59.46	40.07	17.7	67.95	-	-	P	H
		11430	39.13	-14.87	54	49.31	40.07	17.7	67.95	-	-	A	H
		14490	51.87	-22.13	74	57.71	41.94	20.2	67.98	-	-	P	H
		14490	41.78	-12.22	54	47.62	41.94	20.2	67.98	-	-	A	H
		17970	59.12	-14.88	74	59.25	48.04	21.9	70.07	-	-	P	H
		17970	48.11	-5.89	54	48.24	48.04	21.9	70.07	-	-	A	H
													H
		3660	47.79	-26.21	74	76.31	29.3	10.19	68.01	177	180	P	V
		3660	43.95	-10.05	54	72.47	29.3	10.19	68.01	177	180	A	V
		4065	45.67	-28.33	74	73.8	29.77	10.55	68.45	199	170	P	V
		4065	41.4	-12.6	54	69.53	29.77	10.55	68.45	199	170	A	V
		4874	52.28	-21.72	74	77.3	31.41	11.48	67.91	117	165	P	V
		4874	50.92	-3.08	54	75.94	31.41	11.48	67.91	117	165	A	V
		7311	51.32	-22.68	74	68.03	36.37	13.91	66.99	237	197	P	V
		7311	45.75	-8.25	54	62.46	36.37	13.91	66.99	237	197	A	V
		10935	49.67	-24.33	74	60.8	40.1	17.22	68.45	-	-	P	V
		10935	38.02	-15.98	54	49.15	40.1	17.22	68.45	-	-	A	V
		14490	51.95	-22.05	74	57.79	41.94	20.2	67.98	-	-	P	V
		14490	41.88	-12.12	54	47.72	41.94	20.2	67.98	-	-	A	V
		18000	59.39	-14.61	74	58.16	49.04	21.91	69.72	-	-	P	V
		18000	49.52	-4.48	54	48.29	49.04	21.91	69.72	-	-	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)
802.11b CH 11 2462MHz		3690	49.48	-24.52	74	77.87	29.33	10.22	67.94	101	244	P	H
		3690	43.24	-10.76	54	71.63	29.33	10.22	67.94	101	244	A	H
		4095	46.47	-27.53	74	74.53	29.84	10.58	68.48	400	277	P	H
		4095	40.82	-13.18	54	68.88	29.84	10.58	68.48	400	277	A	H
		4924	45.62	-28.38	74	70.67	31.45	11.49	67.99	100	240	P	H
		4924	43.23	-10.77	54	68.28	31.45	11.49	67.99	100	240	A	H
		7386	49.09	-24.91	74	66.07	36.4	14	67.38	300	229	P	H
		7386	43.36	-10.64	54	60.34	36.4	14	67.38	300	229	A	H
		11400	49.71	-24.29	74	60.1	40.01	17.66	68.06	-	-	P	H
		11400	38.83	-15.17	54	49.22	40.01	17.66	68.06	-	-	A	H
		14490	51.28	-22.72	74	57.12	41.94	20.2	67.98	-	-	P	H
		14490	41.84	-12.16	54	47.68	41.94	20.2	67.98	-	-	A	H
		18000	59.36	-14.64	74	58.35	48.82	21.91	69.72	-	-	P	H
		18000	49.24	-4.76	54	48.23	48.82	21.91	69.72	-	-	A	H
		3690	50.08	-23.92	74	78.44	29.36	10.22	67.94	167	168	P	V
		3690	44.36	-9.64	54	72.72	29.36	10.22	67.94	167	168	A	V
		4095	47.61	-26.39	74	75.7	29.81	10.58	68.48	213	162	P	V
		4095	42.51	-11.49	54	70.6	29.81	10.58	68.48	213	162	A	V
		4924	53.06	-20.94	74	78.23	31.33	11.49	67.99	106	167	P	V
		4924	51.45	-2.55	54	76.62	31.33	11.49	67.99	106	167	A	V
		7386	53.57	-20.43	74	70.46	36.49	14	67.38	244	173	P	V
		7386	49.3	-4.7	54	66.19	36.49	14	67.38	244	173	A	V
		11010	48.99	-25.01	74	59.85	40.07	17.29	68.22	-	-	P	V
		11010	38.33	-15.67	54	49.19	40.07	17.29	68.22	-	-	A	V
		14490	52.39	-21.61	74	58.23	41.94	20.2	67.98	-	-	P	V
		14490	41.87	-12.13	54	47.71	41.94	20.2	67.98	-	-	A	V
		17985	59.52	-14.48	74	58.82	48.7	21.9	69.9	-	-	P	V
		17985	49.03	-4.97	54	48.33	48.7	21.9	69.9	-	-	A	V
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.												



2.4GHz 2400~2483.5MHz
WIFI 802.11g (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)
802.11g CH 01 2412MHz		2389.8	62	-12	74	48.17	27.68	17.43	31.28	105	140	P	H
		2389.695	49.52	-4.48	54	35.69	27.68	17.43	31.28	105	140	A	H
	*	2412	107.14	-	-	93.28	27.66	17.47	31.27	105	140	P	H
	*	2412	100.12	-	-	86.26	27.66	17.47	31.27	105	140	A	H
													H
													H
		2387.91	63.92	-10.08	74	49.98	27.79	17.43	31.28	296	18	P	V
		2390	49.98	-4.02	54	36.05	27.78	17.43	31.28	296	18	A	V
	*	2412	107.67	-	-	93.77	27.7	17.47	31.27	296	18	P	V
	*	2412	100.39	-	-	86.49	27.7	17.47	31.27	296	18	A	V
													V
													V
802.11g CH 06 2437MHz		2366.96	62.6	-11.4	74	48.77	27.74	17.39	31.3	140	141	P	H
		2389.84	45.77	-8.23	54	31.94	27.68	17.43	31.28	140	141	A	H
	*	2437	109.33	-	-	95.43	27.66	17.5	31.26	140	141	P	H
	*	2437	102.11	-	-	88.21	27.66	17.5	31.26	140	141	A	H
		2485.84	57.34	-16.66	74	43.38	27.62	17.58	31.24	140	141	P	H
		2484.64	45.35	-8.65	54	31.39	27.62	17.58	31.24	140	141	A	H
		2386.8	59.18	-14.82	74	45.24	27.79	17.43	31.28	296	16	P	V
		2389.84	45.72	-8.28	54	31.79	27.78	17.43	31.28	296	16	A	V
	*	2437	110.24	-	-	96.4	27.6	17.5	31.26	296	16	P	V
	*	2437	102.87	-	-	89.03	27.6	17.5	31.26	296	16	A	V
		2485.92	59.36	-14.64	74	45.52	27.5	17.58	31.24	296	16	P	V
		2491.6	45.69	-8.31	54	31.83	27.5	17.59	31.23	296	16	A	V



802.11g CH 11 2462MHz	*	2462	106.08	-	-	92.13	27.65	17.55	31.25	112	338	P	H
	*	2462	98.91	-	-	84.96	27.65	17.55	31.25	112	338	A	H
		2485.64	60.89	-13.11	74	46.93	27.62	17.58	31.24	112	338	P	H
		2483.64	47.36	-6.64	54	33.4	27.62	17.58	31.24	112	338	A	H
													H
													H
	*	2462	107.5	-	-	93.66	27.54	17.55	31.25	363	344	P	V
	*	2462	100.23	-	-	86.39	27.54	17.55	31.25	363	344	A	V
		2483.6	61.54	-12.46	74	47.69	27.51	17.58	31.24	363	344	P	V
		2484.04	46.87	-7.13	54	33.02	27.51	17.58	31.24	363	344	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (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)
802.11g CH 01 2412MHz		4824	38.64	-35.36	74	63.83	31.49	11.23	67.91	-	-	P	H
		7236	45.9	-28.1	74	61.88	36.22	13.69	65.89	-	-	P	H
		11625	49.02	-24.98	74	59.28	39.87	17.36	67.49	-	-	P	H
		11625	38.87	-15.13	54	49.13	39.87	17.36	67.49	-	-	A	H
		12060	58.04	-15.96	74	68.5	39.28	17.73	67.47	220	201	P	H
		12060	49.51	-4.49	54	59.97	39.28	17.73	67.47	220	201	A	H
		14472	52.81	-21.19	74	59.01	41.96	19.59	67.75	209	247	P	H
		14472	42.68	-11.32	54	48.88	41.96	19.59	67.75	209	247	A	H
		16890	53.56	-20.44	74	60.13	40.54	21.43	68.54	-	-	P	H
		17985	59.69	-14.31	74	58.42	48.43	22.43	69.59	-	-	P	H
		17985	49.46	-4.54	54	48.19	48.43	22.43	69.59	-	-	A	H
													H
		4824	41.4	-32.6	74	66.54	31.54	11.23	67.91	-	-	P	V
		7236	48.82	-25.18	74	64.86	36.16	13.69	65.89	-	-	P	V
		10920	49.23	-24.77	74	60.72	40.07	16.77	68.33	-	-	P	V
		10920	39.39	-14.61	54	50.88	40.07	16.77	68.33	-	-	A	V
		12060	56.35	-17.65	74	66.88	39.21	17.73	67.47	302	181	P	V
		12060	46.7	-7.3	54	57.23	39.21	17.73	67.47	302	181	A	V
		14472	51.84	-22.16	74	58.09	41.91	19.59	67.75	100	196	P	V
		14472	42.36	-11.64	54	48.61	41.91	19.59	67.75	100	196	A	V
		16890	54.25	-19.75	74	60.74	40.62	21.43	68.54	-	-	P	V
		18000	59.46	-14.54	74	57.4	49.04	22.44	69.42	-	-	P	V
		18000	50.04	-3.96	54	47.98	49.04	22.44	69.42	-	-	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)
802.11g CH 06 2437MHz		3645	50.83	-23.17	74	79.2	29.19	10.38	67.94	102	258	P	H
		3645	43.34	-10.66	54	71.71	29.19	10.38	67.94	102	258	A	H
		4874	49.87	-24.13	74	74.98	31.45	11.34	67.9	299	74	P	H
		4874	38.07	-15.93	54	63.18	31.45	11.34	67.9	299	74	A	H
		7311	51.79	-22.21	74	68.42	36.33	13.77	66.73	300	105	P	H
		7311	42.98	-11.02	54	59.61	36.33	13.77	66.73	300	105	A	H
		10980	49.56	-24.44	74	60.68	40.16	16.82	68.1	-	-	P	H
		10980	39.72	-14.28	54	50.84	40.16	16.82	68.1	-	-	A	H
		12185	58.19	-15.81	74	68.13	39.26	17.82	67.02	219	202	P	H
		12185	48.58	-5.42	54	58.52	39.26	17.82	67.02	219	202	A	H
		14490	51.31	-22.69	74	57.51	41.94	19.6	67.74	-	-	P	H
		14490	40.98	-13.02	54	47.18	41.94	19.6	67.74	-	-	A	H
		17059	54.89	-19.11	74	61.71	40.4	21.58	68.8	-	-	P	H
		18000	60.33	-13.67	74	58.49	48.82	22.44	69.42	-	-	P	H
		18000	49.92	-4.08	54	48.08	48.82	22.44	69.42	-	-	A	H
		3645	53.02	-20.98	74	81.31	29.27	10.38	67.94	110	178	P	V
		3645	44.89	-9.11	54	73.18	29.27	10.38	67.94	110	178	A	V
		4874	51.79	-22.21	74	76.94	31.41	11.34	67.9	298	151	P	V
		4874	40.68	-13.32	54	65.83	31.41	11.34	67.9	298	151	A	V
		7311	58.11	-15.89	74	74.7	36.37	13.77	66.73	100	157	P	V
		7311	48.94	-5.06	54	65.53	36.37	13.77	66.73	100	157	A	V
		10890	49.83	-24.17	74	61.52	40.01	16.74	68.44	-	-	P	V
		10890	40.22	-13.78	54	51.91	40.01	16.74	68.44	-	-	A	V
		12185	56.35	-17.65	74	66.27	39.28	17.82	67.02	300	183	P	V
		12185	46.58	-7.42	54	56.5	39.28	17.82	67.02	300	183	A	V
		14490	52.22	-21.78	74	58.42	41.94	19.6	67.74	-	-	P	V
		14490	41.83	-12.17	54	48.03	41.94	19.6	67.74	-	-	A	V
		17059	55.53	-18.47	74	62.23	40.52	21.58	68.8	-	-	P	V
		17985	60.99	-13.01	74	59.45	48.7	22.43	69.59	-	-	P	V
		17985	50.91	-3.09	54	49.37	48.7	22.43	69.59	-	-	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)
802.11g CH 11 2462MHz		4924	40.53	-33.47	74	65.6	31.45	11.44	67.96	-	-	P	H
		7386	44.27	-29.73	74	61.36	36.4	13.85	67.34	-	-	P	H
		11580	49.51	-24.49	74	59.67	40.02	17.32	67.5	-	-	P	H
		11580	39.66	-14.34	54	49.82	40.02	17.32	67.5	-	-	A	H
		14490	50.53	-23.47	74	56.73	41.94	19.6	67.74	-	-	P	H
		14490	40.42	-13.58	54	46.62	41.94	19.6	67.74	-	-	A	H
		18000	58.69	-15.31	74	56.85	48.82	22.44	69.42	-	-	P	H
		18000	48.71	-5.29	54	46.87	48.82	22.44	69.42	-	-	A	H
													H
													H
													H
													H
		4924	41.91	-32.09	74	67.1	31.33	11.44	67.96	-	-	P	V
		7386	54.64	-19.36	74	71.64	36.49	13.85	67.34	111	159	P	V
		7386	44.26	-9.74	54	61.26	36.49	13.85	67.34	111	159	A	V
		10935	49.52	-24.48	74	60.92	40.1	16.78	68.28	-	-	P	V
		10935	38.76	-15.24	54	50.16	40.1	16.78	68.28	-	-	A	V
		14490	50.92	-23.08	74	57.12	41.94	19.6	67.74	-	-	P	V
		14490	41.73	-12.27	54	47.93	41.94	19.6	67.74	-	-	A	V
		18000	59.32	-14.68	74	57.26	49.04	22.44	69.42	-	-	P	V
		18000	49.72	-4.28	54	47.66	49.04	22.44	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.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (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)
802.11n HT20 CH 01 2412MHz		2389.59	66.39	-7.61	74	52.78	27.68	17.43	31.5	107	323	P	H
		2390	52.55	-1.45	54	38.94	27.68	17.43	31.5	107	323	A	H
	*	2412	107.2	-	-	93.56	27.66	17.47	31.49	107	323	P	H
	*	2412	100.07	-	-	86.43	27.66	17.47	31.49	107	323	A	H
													H
													H
		2389.695	66.3	-7.7	74	52.59	27.78	17.43	31.5	300	177	P	V
		2389.905	52.43	-1.57	54	38.72	27.78	17.43	31.5	300	177	A	V
	*	2412	108.28	-	-	94.6	27.7	17.47	31.49	300	177	P	V
	*	2412	100.87	-	-	87.19	27.7	17.47	31.49	300	177	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2389.52	63.63	-10.37	74	50.02	27.68	17.43	31.5	100	322	P	H
		2389.2	49.06	-4.94	54	35.45	27.68	17.43	31.5	100	322	A	H
	*	2437	112.14	-	-	98.46	27.66	17.5	31.48	100	322	P	H
	*	2437	104.39	-	-	90.71	27.66	17.5	31.48	100	322	A	H
		2484.24	66.29	-7.71	74	52.55	27.62	17.58	31.46	100	322	P	H
		2484.48	50.19	-3.81	54	36.45	27.62	17.58	31.46	100	322	A	H
		2387.92	62.26	-11.74	74	48.54	27.79	17.43	31.5	400	173	P	V
		2388.08	48.69	-5.31	54	34.97	27.79	17.43	31.5	400	173	A	V
	*	2437	108.68	-	-	95.06	27.6	17.5	31.48	400	173	P	V
	*	2437	101.52	-	-	87.9	27.6	17.5	31.48	400	173	A	V
		2483.68	66.95	-7.05	74	53.32	27.51	17.58	31.46	400	173	P	V
		2483.76	50.73	-3.27	54	37.1	27.51	17.58	31.46	400	173	A	V



802.11n HT20 CH 11 2462MHz	*	2462	109.33	-	-	95.6	27.65	17.55	31.47	100	326	P	H
	*	2462	102.19	-	-	88.46	27.65	17.55	31.47	100	326	A	H
		2484.16	66.47	-7.53	74	52.73	27.62	17.58	31.46	100	326	P	H
		2483.76	51.29	-2.71	54	37.55	27.62	17.58	31.46	100	326	A	H
													H
													H
	*	2462	107.69	-	-	94.07	27.54	17.55	31.47	356	183	P	V
	*	2462	100.28	-	-	86.66	27.54	17.55	31.47	356	183	A	V
		2483.52	67.03	-6.97	74	53.4	27.51	17.58	31.46	356	183	P	V
		2483.6	51.16	-2.84	54	37.53	27.51	17.58	31.46	356	183	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (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)
802.11n HT20 CH 01 2412MHz		3615	53.69	-20.31	74	82.39	29.19	10.15	68.04	303	263	P	H
		3615	43.58	-10.42	54	72.28	29.19	10.15	68.04	303	263	A	H
		4020	43.16	-30.84	74	71.26	29.76	10.5	68.36	272	27	P	H
		4020	38.13	-15.87	54	66.23	29.76	10.5	68.36	272	27	A	H
		4824	49.52	-24.48	74	74.46	31.49	11.45	67.88	266	128	P	H
		4824	38.43	-15.57	54	63.37	31.49	11.45	67.88	266	128	A	H
		7236	45.48	-28.52	74	61.68	36.22	13.81	66.23	-	-	P	H
		11580	50.47	-23.53	74	60.21	40.02	17.84	67.6	-	-	P	H
		11580	39.49	-14.51	54	49.23	40.02	17.84	67.6	-	-	A	H
		12060	56.12	-17.88	74	66	39.28	18.3	67.46	211	126	P	H
		12060	46.97	-7.03	54	56.85	39.28	18.3	67.46	211	126	A	H
		14490	51.03	-22.97	74	56.87	41.94	20.2	67.98	-	-	P	H
		14490	41.82	-12.18	54	47.66	41.94	20.2	67.98	-	-	A	H
		18000	59.37	-14.63	74	58.36	48.82	21.91	69.72	-	-	P	H
		18000	49.42	-4.58	54	48.41	48.82	21.91	69.72	-	-	A	H
		3630	52.86	-21.14	74	81.49	29.24	10.17	68.04	300	174	P	V
		3630	43.4	-10.6	54	72.03	29.24	10.17	68.04	300	174	A	V
		4020	46.75	-27.25	74	74.84	29.77	10.5	68.36	100	53	P	V
		4020	41.49	-12.51	54	69.58	29.77	10.5	68.36	100	53	A	V
		4824	57.11	-16.89	74	82	31.54	11.45	67.88	101	167	P	V
		4824	45.52	-8.48	54	70.41	31.54	11.45	67.88	101	167	A	V
		7236	54.37	-19.63	74	70.63	36.16	13.81	66.23	240	190	P	V
		11490	50.19	-23.81	74	60.09	40.08	17.76	67.74	-	-	P	V
		11490	39.41	-14.59	54	49.31	40.08	17.76	67.74	-	-	A	V
		12060	57.35	-16.65	74	67.3	39.21	18.3	67.46	263	160	P	V
		12060	47.77	-6.23	54	57.72	39.21	18.3	67.46	263	160	A	V
		14490	51.27	-22.73	74	57.11	41.94	20.2	67.98	-	-	P	V
		14490	41.77	-12.23	54	47.61	41.94	20.2	67.98	-	-	A	V
		17970	58.67	-15.33	74	58.48	48.36	21.9	70.07	-	-	P	V
		17970	48.5	-5.5	54	48.31	48.36	21.9	70.07	-	-	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)
802.11n HT20 CH 06 2437MHz		3660	55.12	-18.88	74	83.72	29.22	10.19	68.01	306	284	P	H
		3660	46.23	-7.77	54	74.83	29.22	10.19	68.01	306	284	A	H
		4050	45.92	-28.08	74	74.05	29.78	10.53	68.44	377	247	P	H
		4050	35.46	-18.54	54	63.59	29.78	10.53	68.44	377	247	A	H
		4874	56.67	-17.33	74	81.65	31.45	11.48	67.91	320	123	P	H
		4874	46.05	-7.95	54	71.03	31.45	11.48	67.91	320	123	A	H
		7311	52.86	-21.14	74	69.61	36.33	13.91	66.99	296	234	P	H
		7311	42.86	-11.14	54	59.61	36.33	13.91	66.99	296	234	P	H
		9748	47.57	-26.43	74	61.95	38.76	16.06	69.2	-	-	A	H
		11745	49.96	-24.04	74	60.43	39.36	18	67.83	-	-	P	H
		11745	38.78	-15.22	54	49.25	39.36	18	67.83	-	-	A	H
		14490	51.87	-22.13	74	57.71	41.94	20.2	67.98	-	-	P	H
		14490	41.85	-12.15	54	47.69	41.94	20.2	67.98	-	-	A	H
		18000	58.79	-15.21	74	57.78	48.82	21.91	69.72	-	-	P	H
		18000	49.12	-4.88	54	48.11	48.82	21.91	69.72	-	-	A	H
		3660	53.74	-20.26	74	82.26	29.3	10.19	68.01	140	180	P	V
		3660	46.29	-7.71	54	74.81	29.3	10.19	68.01	140	180	A	V
		4065	47.19	-26.81	74	75.32	29.77	10.55	68.45	199	170	P	V
		4065	37.62	-16.38	54	65.75	29.77	10.55	68.45	199	170	A	V
		4874	64.03	-9.97	74	89.05	31.41	11.48	67.91	100	186	P	V
		4874	53.38	-0.62	54	78.4	31.41	11.48	67.91	100	186	A	V
		7311	57.36	-16.64	74	74.07	36.37	13.91	66.99	264	175	P	V
		7311	49.01	-4.99	54	65.72	36.37	13.91	66.99	264	175	P	V
		9748	53.08	-20.92	74	67.43	38.79	16.06	69.2	188	170	A	V
		11715	48.61	-25.39	74	58.96	39.39	17.97	67.71	-	-	P	V
		11715	38.96	-15.04	54	49.31	39.39	17.97	67.71	-	-	A	V
		14490	51.06	-22.94	74	56.9	41.94	20.2	67.98	-	-	P	V
		14490	41.8	-12.2	54	47.64	41.94	20.2	67.98	-	-	A	V
		17985	59.36	-14.64	74	58.66	48.7	21.9	69.9	-	-	P	V
		17985	49.02	-4.98	54	48.32	48.7	21.9	69.9	-	-	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)
802.11n HT20 CH 11 2462MHz		3690	53.59	-20.41	74	81.98	29.33	10.22	67.94	400	266	P	H
		3690	44.31	-9.69	54	72.7	29.33	10.22	67.94	400	266	A	H
		4095	48.66	-25.34	74	76.72	29.84	10.58	68.48	400	278	P	H
		4095	38.13	-15.87	54	66.19	29.84	10.58	68.48	400	278	A	H
		4924	48.13	-25.87	74	73.18	31.45	11.49	67.99	310	120	P	H
		4924	38.94	-15.06	54	63.99	31.45	11.49	67.99	310	120	A	H
		7386	51.54	-22.46	74	68.52	36.4	14	67.38	370	111	P	H
		7386	41.37	-12.63	54	58.35	36.4	14	67.38	370	111	A	H
		11580	50.16	-23.84	74	59.9	40.02	17.84	67.6	-	-	P	H
		11580	39.6	-14.4	54	49.34	40.02	17.84	67.6	-	-	A	H
		14490	50.96	-23.04	74	56.8	41.94	20.2	67.98	-	-	P	H
		14490	41.87	-12.13	54	47.71	41.94	20.2	67.98	-	-	A	H
		18000	58.26	-15.74	74	57.25	48.82	21.91	69.72	-	-	P	H
		18000	49.29	-4.71	54	48.28	48.82	21.91	69.72	-	-	A	H
		3705	53.96	-20.04	74	82.25	29.39	10.23	67.91	300	327	P	V
		3705	45.17	-8.83	54	73.46	29.39	10.23	67.91	300	327	A	V
		4110	50.52	-23.48	74	78.54	29.85	10.6	68.47	305	172	P	V
		4110	39.65	-14.35	54	67.67	29.85	10.6	68.47	305	172	A	V
		4924	56.98	-17.02	74	82.15	31.33	11.49	67.99	106	167	P	V
		4924	46.21	-7.79	54	71.38	31.33	11.49	67.99	106	167	A	V
		7386	55.67	-18.33	74	72.56	36.49	14	67.38	101	178	P	V
		7386	45.64	-8.36	54	62.53	36.49	14	67.38	101	178	A	V
		12105	49.91	-24.09	74	59.57	39.22	18.34	67.22	-	-	P	V
		12105	39.53	-14.47	54	49.19	39.22	18.34	67.22	-	-	A	V
		14490	52.07	-21.93	74	57.91	41.94	20.2	67.98	-	-	P	V
		14490	41.88	-12.12	54	47.72	41.94	20.2	67.98	-	-	A	V
		18000	58.83	-15.17	74	57.6	49.04	21.91	69.72	-	-	P	V
		18000	49.53	-4.47	54	48.3	49.04	21.91	69.72	-	-	A	V
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.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (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)
802.11n HT40 CH 03 2422MHz		2387.12	62.93	-11.07	74	49.32	27.69	17.43	31.51	199	324	P	H
		2390	51.04	-2.96	54	37.43	27.68	17.43	31.5	199	324	A	H
	*	2422	101.69	-	-	88.04	27.66	17.48	31.49	199	324	P	H
	*	2422	94.58	-	-	80.93	27.66	17.48	31.49	199	324	A	H
		2500	56.13	-17.87	74	42.37	27.61	17.6	31.45	199	324	P	H
		2500	46.18	-7.82	54	32.42	27.61	17.6	31.45	199	324	A	H
		2390	64.21	-9.79	74	50.5	27.78	17.43	31.5	306	193	P	V
		2388.24	52.45	-1.55	54	38.73	27.79	17.43	31.5	306	193	A	V
	*	2422	101.2	-	-	87.55	27.66	17.48	31.49	306	193	P	V
	*	2422	94.03	-	-	80.38	27.66	17.48	31.49	306	193	A	V
		2484.08	56.54	-17.46	74	42.91	27.51	17.58	31.46	306	193	P	V
		2500	46.37	-7.63	54	32.73	27.49	17.6	31.45	306	193	A	V
802.11n HT40 CH 06 2437MHz		2388.88	67.25	-6.75	74	53.64	27.68	17.43	31.5	100	328	P	H
		2389.52	51.63	-2.37	54	38.02	27.68	17.43	31.5	100	328	A	H
	*	2437	105.77	-	-	92.09	27.66	17.5	31.48	100	328	P	H
	*	2437	98.13	-	-	84.45	27.66	17.5	31.48	100	328	A	H
		2485.12	64.05	-9.95	74	50.31	27.62	17.58	31.46	100	328	P	H
		2483.76	50.1	-3.9	54	36.36	27.62	17.58	31.46	100	328	A	H
		2386.16	66.02	-7.98	74	52.31	27.79	17.43	31.51	306	201	P	V
		2389.52	53.16	-0.84	54	39.45	27.78	17.43	31.5	306	201	A	V
	*	2437	106.8	-	-	93.18	27.6	17.5	31.48	306	201	P	V
	*	2437	99.31	-	-	85.69	27.6	17.5	31.48	306	201	A	V
		2485.36	65.5	-8.5	74	51.87	27.51	17.58	31.46	306	201	P	V
		2483.6	51.05	-2.95	54	37.42	27.51	17.58	31.46	306	201	A	V



802.11n HT40 CH 09 2452MHz		2381.52	56.68	-17.32	74	43.08	27.7	17.42	31.52	100	329	P	H
		2374.96	47.88	-6.12	54	34.27	27.72	17.41	31.52	100	329	A	H
	*	2452	102.4	-	-	88.68	27.66	7.54	31.47	100	329	P	H
	*	2452	95.28	-	-	81.56	27.66	7.54	31.47	100	329	A	H
		2484.88	64.96	-9.04	74	51.22	27.62	17.58	31.46	100	329	P	H
		2483.52	50.49	-3.51	54	36.75	27.62	17.58	31.46	100	329	A	H
		2389.52	57	-17	74	43.29	27.78	17.43	31.5	361	204	P	V
		2389.52	46.72	-7.28	54	33.01	27.78	17.43	31.5	361	204	A	V
	*	2452	104.15	-	-	90.54	27.55	17.53	31.47	361	204	P	V
	*	2452	96.92	-	-	83.31	27.55	17.53	31.47	361	204	A	V
		2483.52	64.94	-9.06	74	51.31	27.51	17.58	31.46	361	204	P	V
		2483.52	52.05	-1.95	54	38.42	27.51	17.58	31.46	361	204	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (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)
802.11n HT40 CH 03 2422MHz		4844	40.27	-33.73	74	65.21	31.48	11.46	67.88	-	-	P	H
		7266	44.1	-29.9	74	60.52	36.27	13.84	66.53	-	-	P	H
		11550	49.5	-24.5	74	59.28	40.06	17.81	67.65	-	-	P	H
		11550	39.46	-14.54	54	49.24	40.06	17.81	67.65	-	-	A	H
		14490	51.6	-22.4	74	57.44	41.94	20.2	67.98	-	-	P	H
		14490	41.88	-12.12	54	47.72	41.94	20.2	67.98	-	-	A	H
		17985	58.85	-15.15	74	58.42	48.43	21.9	69.9	-	-	P	H
		17985	48.75	-5.25	54	48.32	48.43	21.9	69.9	-	-	A	H
		4844	44.87	-29.13	74	69.75	31.54	11.46	67.88	100	167	P	V
		4844	34.57	-19.43	54	59.45	31.54	11.46	67.88	100	167	A	V
		7266	45.01	-28.99	74	61.49	36.21	13.84	66.53	-	-	P	V
		11610	49.88	-24.12	74	59.66	39.92	17.87	67.57	-	-	P	V
		11610	39.31	-14.69	54	49.09	39.92	17.87	67.57	-	-	A	V
		14490	51.05	-22.95	74	56.89	41.94	20.2	67.98	-	-	P	V
		14490	41.95	-12.05	54	47.79	41.94	20.2	67.98	-	-	A	V
		17985	59.36	-14.64	74	58.66	48.7	21.9	69.9	-	-	P	V
		17985	48.97	-5.03	54	48.27	48.7	21.9	69.9	-	-	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)
802.11n HT40 CH 06 2437MHz		3675	51.93	-22.07	74	80.41	29.28	10.21	67.97	302	97	P	H
		3675	43.09	-10.91	54	71.57	29.28	10.21	67.97	302	97	A	H
		4874	51.35	-22.65	74	76.33	31.45	11.48	67.91	296	127	P	H
		4874	40.07	-13.93	54	65.05	31.45	11.48	67.91	296	127	A	H
		7311	45.85	-28.15	74	62.6	36.33	13.91	66.99	-	-	P	H
		11595	49.79	-24.21	74	59.51	40	17.86	67.58	-	-	P	H
		11595	39.39	-14.61	54	49.11	40	17.86	67.58	-	-	A	H
		14490	51.58	-22.42	74	57.42	41.94	20.2	67.98	-	-	P	H
		14490	41.95	-12.05	54	47.79	41.94	20.2	67.98	-	-	A	H
		17985	58.73	-15.27	74	58.3	48.43	21.9	69.9	-	-	P	H
		17985	48.75	-5.25	54	48.32	48.43	21.9	69.9	-	-	A	H
													H
		3675	53.18	-20.82	74	81.61	29.33	10.21	67.97	293	171	P	V
		3675	44.12	-9.88	54	72.55	29.33	10.21	67.97	293	171	A	V
		4874	56.55	-17.45	74	81.57	31.41	11.48	67.91	143	168	P	V
		4874	46.34	-7.66	54	71.36	31.41	11.48	67.91	143	168	A	V
		7311	52.38	-21.62	74	69.09	36.37	13.91	66.99	217	190	P	V
		7311	43.36	-10.64	54	60.07	36.37	13.91	66.99	217	190	A	V
		12600	49.58	-24.42	74	59.11	38.46	18.76	66.75	-	-	P	V
		12600	39.38	-14.62	54	48.91	38.46	18.76	66.75	-	-	A	V
		14490	51.02	-22.98	74	56.86	41.94	20.2	67.98	-	-	P	V
		14490	41.85	-12.15	54	47.69	41.94	20.2	67.98	-	-	A	V
		18000	59.51	-14.49	74	58.28	49.04	21.91	69.72	-	-	P	V
		18000	49.61	-4.39	54	48.38	49.04	21.91	69.72	-	-	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)
802.11n HT40 CH 09 2452MHz		3660	48.37	-25.63	74	76.97	29.22	10.19	68.01	327	103	P	H
		3660	40.54	-13.46	54	69.14	29.22	10.19	68.01	327	103	A	H
		4904	40.54	-33.46	74	65.59	31.43	11.48	67.96	-	-	P	H
		7356	45.26	-28.74	74	62.29	36.34	13.97	67.34	-	-	P	H
		11025	49.73	-24.27	74	60.49	40.12	17.31	68.19	-	-	P	H
		11025	38.47	-15.53	54	49.23	40.12	17.31	68.19	-	-	A	H
		14490	51.7	-22.3	74	57.54	41.94	20.2	67.98	-	-	P	H
		14490	41.85	-12.15	54	47.69	41.94	20.2	67.98	-	-	A	H
		18000	59.08	-14.92	74	58.07	48.82	21.91	69.72	-	-	P	H
		18000	49.24	-4.76	54	48.23	48.82	21.91	69.72	-	-	A	H
													H
													H
		3690	50.42	-23.58	74	78.78	29.36	10.22	67.94	299	324	P	V
		3690	41.4	-12.6	54	69.76	29.36	10.22	67.94	299	324	A	V
		4904	50.93	-23.07	74	76.12	31.29	11.48	67.96	126	169	P	V
		4904	39.6	-14.4	54	64.79	31.29	11.48	67.96	126	169	A	V
		7356	49.72	-24.28	74	66.59	36.5	13.97	67.34	179	175	P	V
		7356	40.79	-13.21	54	57.66	36.5	13.97	67.34	179	175	A	V
		11505	49.87	-24.13	74	59.72	40.08	17.77	67.7	-	-	P	V
		11505	39.46	-14.54	54	49.31	40.08	17.77	67.7	-	-	A	V
		14490	51.91	-22.09	74	57.75	41.94	20.2	67.98	-	-	P	V
		14490	41.87	-12.13	54	47.71	41.94	20.2	67.98	-	-	A	V
		17985	59.06	-14.94	74	58.36	48.7	21.9	69.9	-	-	P	V
		17985	48.97	-5.03	54	48.27	48.7	21.9	69.9	-	-	A	V
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.												

Emission above 18GHz

2.4GHz WIFI 802.11n HT20 (SHF)

[illegible]

Emission below 1GHz

2.4GHz WIFI 802.11n HT20 (LF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.	
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1+2		(MHz)	(dBµV/m)	(dB)	(dBµV/m)	(dBµV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)	
2.4GHz 802.11n HT20 LF		37.76	28.43	-11.57	40	38.91	20.94	1.02	32.44	102	360	Q	H	
		97.9	27.38	-16.12	43.5	42.32	15.78	1.7	32.42	-	-	P	H	
		147.37	28.14	-15.36	43.5	41.12	17.5	1.93	32.41	-	-	P	H	
		375.32	34.8	-11.2	46	42.98	21.21	3.09	32.48	206	113	Q	H	
		499.48	39.37	-6.63	46	44.24	24.09	3.62	32.58	-	-	P	H	
		874.87	36.05	-9.95	46	33.85	29.2	4.78	31.78	156	339	Q	H	
													H	
													H	
													H	
													H	
													H	
													H	
		37.76	33.44	-6.56	40	43.92	20.94	1.02	32.44	100	359	Q	V	
		65.89	30.8	-9.2	40	49.71	12.19	1.33	32.43	-	-	P	V	
		97.9	31.26	-12.24	43.5	46.2	15.78	1.7	32.42	100	0	P	V	
		375.32	36.96	-9.04	46	45.14	21.21	3.09	32.48	-	-	P	V	
		499.48	38.96	-7.04	46	43.83	24.09	3.62	32.58	-	-	P	V	
		874.87	33.01	-12.99	46	30.81	29.2	4.78	31.78	204	351	Q	V	
														V
														V
														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 and emission level has at least 6dB margin against limit or noise floor only.														



<Sample 2>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (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.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2373.735	55.55	-18.45	74	41.71	27.72	17.41	31.29	127	164	P	H
		2389.905	45.72	-8.28	54	31.89	27.68	17.43	31.28	127	164	A	H
	*	2412	107.71	-	-	93.85	27.66	17.47	31.27	127	164	P	H
	*	2412	105.05	-	-	91.19	27.66	17.47	31.27	127	164	A	H
		2379.93	56	-18	74	42.06	27.81	17.42	31.29	300	136	P	V
		2387.175	45.59	-8.41	54	31.65	27.79	17.43	31.28	300	136	A	V
	*	2412	103.54	-	-	89.64	27.7	17.47	31.27	300	136	P	V
	*	2412	100.9	-	-	87	27.7	17.47	31.27	300	136	A	V
802.11b CH 06 2437MHz		2374.8	55.35	-18.65	74	41.75	27.72	17.4	31.52	100	152	P	H
		2374.96	47.54	-6.46	54	33.94	27.72	17.4	31.52	100	152	A	H
	*	2437	106.82	-	-	93.14	27.66	17.5	31.48	100	152	P	H
	*	2437	104.22	-	-	90.54	27.66	17.5	31.48	100	152	A	H
		2488.88	56	-18	74	42.25	27.62	17.59	31.46	100	152	P	H
		2499.92	47.21	-6.79	54	33.44	27.61	17.61	31.45	100	152	A	H
		2387.92	55.53	-18.47	74	41.82	27.79	17.42	31.5	330	206	P	V
		2389.84	45.28	-8.72	54	31.58	27.78	17.42	31.5	330	206	A	V
	*	2437	105.81	-	-	92.19	27.6	17.5	31.48	330	206	P	V
	*	2437	103.11	-	-	89.49	27.6	17.5	31.48	330	206	A	V
		2495.44	55.44	-18.56	74	41.8	27.49	17.6	31.45	330	206	P	V
		2496.08	45.15	-8.85	54	31.51	27.49	17.6	31.45	330	206	A	V



802.11b CH 11 2462MHz	*	2462	105.98	-	-	92.25	27.65	17.55	31.47	107	151	P	H
	*	2462	103.3	-	-	89.57	27.65	17.55	31.47	107	151	A	H
		2486.92	56.61	-17.39	74	42.86	27.62	17.59	31.46	107	151	P	H
		2486.84	48.38	-5.62	54	34.63	27.62	17.59	31.46	107	151	A	H
	*	2462	105.01	-	-	91.39	27.54	17.55	31.47	329	203	P	V
	*	2462	102.34	-	-	88.72	27.54	17.55	31.47	329	203	A	V
		2487.96	56.38	-17.62	74	42.75	27.5	17.59	31.46	329	203	P	V
		2486.92	47.47	-6.53	54	33.84	27.5	17.59	31.46	329	203	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (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)
802.11b CH 01 2412MHz		4824	40.31	-33.69	74	65.5	31.49	11.23	67.91	-	-	P	H
		11700	50.58	-23.42	74	61.28	39.44	17.42	67.56	-	-	P	H
		11700	40.48	-13.52	54	51.18	39.44	17.42	67.56	-	-	A	H
		12060	55.26	-18.74	74	65.72	39.28	17.73	67.47	223	79	P	H
		12060	49.9	-4.1	54	60.36	39.28	17.73	67.47	223	79	A	H
		14472	56.18	-17.82	74	62.38	41.96	19.59	67.75	202	65	P	H
		14472	52.96	-1.04	54	59.16	41.96	19.59	67.75	202	65	A	H
		16884	54.84	-19.16	74	61.4	40.53	21.43	68.52	-	-	P	H
		17985	59.8	-14.2	74	58.53	48.43	22.43	69.59	-	-	P	H
		17985	50.18	-3.82	54	48.91	48.43	22.43	69.59	-	-	A	H
		4824	46.31	-27.69	74	71.45	31.54	11.23	67.91	-	-	P	V
		11565	49.01	-24.99	74	59.19	40.02	17.31	67.51	-	-	P	V
		11565	39.57	-14.43	54	49.75	40.02	17.31	67.51	-	-	A	V
		12060	52.62	-21.38	74	63.15	39.21	17.73	67.47	341	316	P	V
		12060	46.64	-7.36	54	57.17	39.21	17.73	67.47	341	316	A	V
		14472	56.16	-17.84	74	62.41	41.91	19.59	67.75	256	350	P	V
		14472	52.38	-1.62	54	58.63	41.91	19.59	67.75	256	350	A	V
		16884	53.92	-20.08	74	60.4	40.61	21.43	68.52	-	-	P	V
		18000	60.36	-13.64	74	58.3	49.04	22.44	69.42	-	-	P	V
		18000	50.54	-3.46	54	48.48	49.04	22.44	69.42	-	-	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)
802.11b CH 06 2437MHz		4874	39.06	-34.94	74	64.04	31.45	11.48	67.91	-	-	P	H
		7311	50.3	-23.7	74	67.05	36.33	13.91	66.99	397	293	P	H
		7311	45.12	-8.88	54	61.87	36.33	13.91	66.99	397	293	A	H
		9748	51.76	-22.24	74	66.14	38.76	16.06	69.2	388	73	P	H
		11430	48.67	-25.33	74	58.85	40.07	17.7	67.95	-	-	P	H
		11430	39.13	-14.87	54	49.31	40.07	17.7	67.95	-	-	A	H
		12185	53.56	-20.44	74	62.93	39.26	18.41	67.04	216	37	P	H
		14490	51.12	-22.88	74	56.96	41.94	20.2	67.98	-	-	P	H
		14490	41.83	-12.17	54	47.67	41.94	20.2	67.98	-	-	A	H
		17985	58.67	-15.33	74	58.24	48.43	21.9	69.9	-	-	P	H
		17985	48.76	-5.24	54	48.33	48.43	21.9	69.9	-	-	A	H
													H
		4874	46.07	-27.93	74	71.09	31.41	11.48	67.91	162	340	P	V
		4874	43.11	-10.89	54	68.13	31.41	11.48	67.91	162	340	A	V
		7311	57.5	-16.5	74	74.21	36.37	13.91	66.99	199	357	P	V
		7311	52.95	-1.05	54	69.66	36.37	13.91	66.99	199	357	A	V
		9748	52.04	-21.96	74	66.39	38.79	16.06	69.2	123	360	P	V
		11490	49.73	-24.27	74	59.63	40.08	17.76	67.74	-	-	P	V
		11490	39.22	-14.78	54	49.12	40.08	17.76	67.74	-	-	A	V
		12185	49.71	-24.29	74	59.06	39.28	18.41	67.04	-	-	P	V
		14490	51.97	-22.03	74	57.81	41.94	20.2	67.98	-	-	P	V
		14490	41.84	-12.16	54	47.68	41.94	20.2	67.98	-	-	A	V
		18000	58.97	-15.03	74	57.74	49.04	21.91	69.72	-	-	P	V
		18000	49.54	-4.46	54	48.31	49.04	21.91	69.72	-	-	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)
802.11b CH 11 2462MHz		4924	40.21	-33.79	74	65.26	31.45	11.49	67.99	-	-	P	H
		7386	49.86	-24.14	74	66.84	36.4	14	67.38	306	324	P	H
		7386	43.91	-10.09	54	60.89	36.4	14	67.38	306	324	A	H
		9848	51.67	-22.33	74	65.71	39.02	16.17	69.23	395	33	P	H
		9848	47.7	-6.3	54	61.74	39.02	16.17	69.23	395	33	A	H
		11505	49.59	-24.41	74	59.36	40.16	17.77	67.7	-	-	P	H
		11505	39.39	-14.61	54	49.16	40.16	17.77	67.7	-	-	A	H
		14490	51.18	-22.82	74	57.02	41.94	20.2	67.98	-	-	P	H
		14490	41.84	-12.16	54	47.68	41.94	20.2	67.98	-	-	A	H
		17970	58.17	-15.83	74	58.3	48.04	21.9	70.07	-	-	P	H
		17970	49.06	-4.94	54	49.19	48.04	21.9	70.07	-	-	A	H
													H
		4924	47.34	-26.66	74	72.51	31.33	11.49	67.99	172	345	P	V
		4924	44.8	-9.2	54	69.97	31.33	11.49	67.99	172	345	A	V
		7386	56.29	-17.71	74	73.18	36.49	14	67.38	143	356	P	V
		7386	52.65	-1.35	54	69.54	36.49	14	67.38	143	356	A	V
		9848	51.98	-22.02	74	66.12	38.92	16.17	69.23	201	334	P	V
		11505	49.97	-24.03	74	59.82	40.08	17.77	67.7	-	-	P	V
		11505	39.44	-14.56	54	49.29	40.08	17.77	67.7	-	-	A	V
		14490	51.04	-22.96	74	56.88	41.94	20.2	67.98	-	-	P	V
		14490	41.84	-12.16	54	47.68	41.94	20.2	67.98	-	-	A	V
		18000	58.84	-15.16	74	57.61	49.04	21.91	69.72	-	-	P	V
		18000	49.49	-4.51	54	48.26	49.04	21.91	69.72	-	-	A	V
													V
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.												



2.4GHz 2400~2483.5MHz
WIFI 802.11g (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)
802.11g CH 01 2412MHz		2389.38	62.37	-11.63	74	48.54	27.68	17.43	31.28	100	166	P	H
		2389.695	47.4	-6.6	54	33.57	27.68	17.43	31.28	100	166	A	H
	*	2412	108.32	-	-	94.46	27.66	17.47	31.27	100	166	P	H
	*	2412	101.06	-	-	87.2	27.66	17.47	31.27	100	166	A	H
		2389.905	65.02	-8.98	74	51.09	27.78	17.43	31.28	311	213	P	V
		2389.065	47.77	-6.23	54	33.84	27.78	17.43	31.28	311	213	A	V
	*	2412	106.24	-	-	92.34	27.7	17.47	31.27	311	213	P	V
	*	2412	98.8	-	-	84.9	27.7	17.47	31.27	311	213	A	V
802.11g CH 06 2437MHz		2388.56	57.76	-16.24	74	43.93	27.68	17.43	31.28	100	164	P	H
		2389.36	46.21	-7.79	54	32.38	27.68	17.43	31.28	100	164	A	H
	*	2437	112.37	-	-	98.47	27.66	17.5	31.26	100	164	P	H
	*	2437	105.08	-	-	91.18	27.66	17.5	31.26	100	164	A	H
		2484.88	60.67	-13.33	74	46.71	27.62	17.58	31.24	100	164	P	H
		2484.96	46.76	-7.24	54	32.8	27.62	17.58	31.24	100	164	A	H
		2389.04	59.36	-14.64	74	45.43	27.78	17.43	31.28	300	211	P	V
		2386.8	46.04	-7.96	54	32.1	27.79	17.43	31.28	300	211	A	V
	*	2437	109.03	-	-	95.19	27.6	17.5	31.26	300	211	P	V
	*	2437	101.84	-	-	88	27.6	17.5	31.26	300	211	A	V
		2485.52	58.78	-15.22	74	44.93	27.51	17.58	31.24	300	211	P	V
		2485.76	45.63	-8.37	54	31.78	27.51	17.58	31.24	300	211	A	V



802.11g CH 11 2462MHz	*	2462	109.75	-	-	95.8	27.65	17.55	31.25	100	160	P	H
	*	2462	102.29	-	-	88.34	27.65	17.55	31.25	100	160	A	H
		2484.8	66.97	-7.03	74	53.01	27.62	17.58	31.24	100	160	P	H
		2484.08	47.77	-6.23	54	33.81	27.62	17.58	31.24	100	160	A	H
	*	2462	106.16	-	-	92.32	27.54	17.55	31.25	365	210	P	V
	*	2462	98.72	-	-	84.88	27.54	17.55	31.25	365	210	A	V
		2483.8	64.15	-9.85	74	50.3	27.51	17.58	31.24	365	210	P	V
		2483.56	46.19	-7.81	54	32.34	27.51	17.58	31.24	365	210	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (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)
802.11g CH 01 2412MHz		4824	41.2	-32.8	74	66.39	31.49	11.23	67.91	-	-	P	H
		10905	49.77	-24.23	74	61.22	40.18	16.76	68.39	-	-	P	H
		10905	39.49	-14.51	54	50.94	40.18	16.76	68.39	-	-	A	H
		12060	60.13	-13.87	74	70.59	39.28	17.73	67.47	220	50	P	H
		12060	50.26	-3.74	54	60.72	39.28	17.73	67.47	220	50	A	H
		14520	53.54	-20.46	74	59.67	41.94	19.62	67.69	-	-	P	H
		14520	42.66	-11.34	54	48.79	41.94	19.62	67.69	-	-	A	H
		16884	53.3	-20.7	74	59.86	40.53	21.43	68.52	-	-	P	H
		17985	59.37	-14.63	74	58.1	48.43	22.43	69.59	-	-	P	H
		17985	50.38	-3.62	54	49.11	48.43	22.43	69.59	-	-	A	H
		4824	45.9	-28.1	74	71.04	31.54	11.23	67.91	-	-	P	V
		10905	50.16	-23.84	74	61.75	40.04	16.76	68.39	-	-	P	V
		10905	39.99	-14.01	54	51.58	40.04	16.76	68.39	-	-	A	V
		12060	55.4	-18.6	74	65.93	39.21	17.73	67.47	284	348	P	V
		12060	47.43	-6.57	54	57.96	39.21	17.73	67.47	284	348	A	V
		14880	52.29	-21.71	74	58.22	41.74	19.86	67.53	-	-	P	V
		14880	43.71	-10.29	54	49.64	41.74	19.86	67.53	-	-	A	V
		16884	54.77	-19.23	74	61.25	40.61	21.43	68.52	-	-	P	V
		17985	59.65	-14.35	74	58.11	48.7	22.43	69.59	-	-	P	V
		17985	50.3	-3.7	54	48.76	48.7	22.43	69.59	-	-	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)
802.11g CH 06 2437MHz		4874	41.62	-32.38	74	66.73	31.45	11.34	67.9	-	-	P	H
		7311	45.34	-28.66	74	61.97	36.33	13.77	66.73	-	-	P	H
		11055	49.66	-24.34	74	60.66	40.08	16.88	67.96	-	-	P	H
		11055	38.49	-15.51	54	49.49	40.08	16.88	67.96	-	-	A	H
		12185	56.85	-17.15	74	66.79	39.26	17.82	67.02	216	48	P	H
		12185	47.96	-6.04	54	57.9	39.26	17.82	67.02	216	48	A	H
		14430	52.28	-21.72	74	58.57	41.91	19.55	67.75	-	-	P	H
		14430	42.83	-11.17	54	49.12	41.91	19.55	67.75	-	-	A	H
		17059	53.8	-20.2	74	60.62	40.4	21.58	68.8	-	-	P	H
		18000	59.31	-14.69	74	57.47	48.82	22.44	69.42	-	-	P	H
		18000	50.6	-3.4	54	48.76	48.82	22.44	69.42	-	-	A	H
		4874	47.31	-26.69	74	72.46	31.41	11.34	67.9	-	-	P	V
		7311	52.98	-21.02	74	69.57	36.37	13.77	66.73	222	360	P	V
		7311	45	-9	54	61.59	36.37	13.77	66.73	222	360	A	V
		11055	49.48	-24.52	74	60.58	39.98	16.88	67.96	-	-	P	V
		11055	37.61	-16.39	54	48.71	39.98	16.88	67.96	-	-	A	V
		12185	54.09	-19.91	74	64.01	39.28	17.82	67.02	292	349	P	V
		12185	45.96	-8.04	54	55.88	39.28	17.82	67.02	292	349	A	V
		14550	53.17	-20.83	74	59.22	41.94	19.64	67.63	-	-	P	V
		14550	43.05	-10.95	54	49.1	41.94	19.64	67.63	-	-	A	V
		17059	56.02	-17.98	74	62.72	40.52	21.58	68.8	-	-	P	V
		17985	59.48	-14.52	74	57.94	48.7	22.43	69.59	-	-	P	V
		17985	50.2	-3.8	54	48.66	48.7	22.43	69.59	-	-	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)
802.11g CH 11 2462MHz		4960	39.5	-34.5	74	64.5	31.51	11.51	68.02	-	-	P	H
		7386	44.31	-29.69	74	61.4	36.4	13.85	67.34	-	-	P	H
		10905	49.66	-24.34	74	61.11	40.18	16.76	68.39	-	-	P	H
		10905	38.18	-15.82	54	49.63	40.18	16.76	68.39	-	-	A	H
		12310	51.99	-22.01	74	62.41	38.95	17.92	67.29	193	306	P	H
		12310	43.65	-10.35	54	54.07	38.95	17.92	67.29	193	306	A	H
		14595	53.72	-20.28	74	59.5	42.09	19.67	67.54	-	-	P	H
		14595	43.67	-10.33	54	49.45	42.09	19.67	67.54	-	-	A	H
		17970	59.16	-14.84	74	58.47	48.04	22.41	69.76	-	-	P	H
		17970	49.75	-4.25	54	49.06	48.04	22.41	69.76	-	-	A	H
		4960	40.94	-33.06	74	65.99	31.46	11.51	68.02	-	-	P	V
		7386	47.27	-26.73	74	64.27	36.49	13.85	67.34	-	-	P	V
		11400	49.65	-24.35	74	60.59	39.92	17.16	68.02	-	-	P	V
		11400	38.8	-15.2	54	49.74	39.92	17.16	68.02	-	-	A	V
		12310	50.85	-23.15	74	61.3	38.92	17.92	67.29	388	353	P	V
		12310	42.78	-11.22	54	53.23	38.92	17.92	67.29	388	353	A	V
		14595	52.48	-21.52	74	58.29	42.06	19.67	67.54	-	-	P	V
		14595	43.02	-10.98	54	48.83	42.06	19.67	67.54	-	-	A	V
		17955	59.84	-14.16	74	59.35	48.02	22.4	69.93	-	-	P	V
		17955	49.49	-4.51	54	49	48.02	22.4	69.93	-	-	A	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.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (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)
802.11n HT20 CH 01 2412MHz		2380.245	62.03	-11.97	74	48.43	27.7	17.42	31.52	300	182	P	H
		2333.73	48.93	-5.07	54	35.27	27.86	17.33	31.53	300	182	A	H
	*	2412	101.45	-	-	87.81	27.66	17.47	31.49	300	182	P	H
	*	2412	94.06	-	-	80.42	27.66	17.47	31.49	300	182	A	H
		2358.3	66.84	-7.16	74	53.11	27.88	17.38	31.53	400	143	P	V
		2390	47.22	-6.78	54	33.51	27.78	17.43	31.5	400	143	A	V
	*	2412	105.34	-	-	91.66	27.7	17.47	31.49	400	143	P	V
	*	2412	97.88	-	-	84.2	27.7	17.47	31.49	400	143	A	V
802.11n HT20 CH 06 2437MHz		2384.56	64.49	-9.51	74	50.89	27.69	17.42	31.51	112	341	P	H
		2384.4	49.08	-4.92	54	35.48	27.69	17.42	31.51	112	341	A	H
	*	2437	115.86	-	-	102.18	27.66	17.5	31.48	112	341	P	H
	*	2437	108.61	-	-	94.93	27.66	17.5	31.48	112	341	A	H
		2484.24	70.11	-3.89	74	56.37	27.62	17.58	31.46	112	341	P	H
		2484.16	52.1	-1.9	54	38.36	27.62	17.58	31.46	112	341	A	H
		2387.6	62.76	-11.24	74	49.04	27.79	17.43	31.5	288	25	P	V
		2388.4	47.53	-6.47	54	33.81	27.79	17.43	31.5	288	25	A	V
	*	2437	112.37	-	-	98.75	27.6	17.5	31.48	288	25	P	V
	*	2437	105.03	-	-	91.41	27.6	17.5	31.48	288	25	A	V
		2486.96	67.44	-6.56	74	53.82	27.5	17.58	31.46	288	25	P	V
		2486.72	50.32	-3.68	54	36.7	27.5	17.58	31.46	288	25	A	V



802.11n HT20 CH 11 2462MHz	*	2462	111.55	-	-	97.82	27.65	17.55	31.47	100	337	P	H
	*	2462	104.32	-	-	90.59	27.65	17.55	31.47	100	337	A	H
		2483.6	70.77	-3.23	74	57.03	27.62	17.58	31.46	100	337	P	H
		2483.6	53.19	-0.81	54	39.45	27.62	17.58	31.46	100	337	P	H
	*	2462	108.85	-	-	95.23	27.54	17.55	31.47	300	349	P	V
	*	2462	101.19	-	-	87.57	27.54	17.55	31.47	300	349	A	V
		2483.52	70.3	-3.7	74	56.67	27.51	17.58	31.46	300	349	P	V
		2483.52	51.33	-2.67	54	37.7	27.51	17.58	31.46	300	349	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (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)
802.11n HT20 CH 01 2412MHz		3615	52.99	-21.01	74	81.69	29.19	10.15	68.04	102	75	P	H
		3615	45.28	-8.72	54	73.98	29.19	10.15	68.04	102	75	A	H
		4020	42.54	-31.46	74	70.64	29.76	10.5	68.36	400	36	P	H
		4020	38.68	-15.32	54	66.78	29.76	10.5	68.36	400	36	A	H
		4824	48.07	-25.93	74	73.01	31.49	11.45	67.88	100	13	P	H
		4824	36.19	-17.81	54	61.13	31.49	11.45	67.88	100	13	A	H
		7236	53.89	-20.11	74	70.09	36.22	13.81	66.23	385	285	P	H
		9645	50.28	-23.72	74	65.01	38.4	15.95	69.08	209	72	P	H
		11340	50.45	-23.55	74	61.21	39.87	17.61	68.24	-	-	P	H
		11340	38.45	-15.55	54	49.21	39.87	17.61	68.24	-	-	A	H
		12060	57.4	-16.6	74	67.28	39.28	18.3	67.46	215	329	P	H
		12060	48.98	-5.02	54	58.86	39.28	18.3	67.46	215	329	A	H
		14490	51.3	-22.7	74	57.14	41.94	20.2	67.98	-	-	P	H
		14490	41.85	-12.15	54	47.69	41.94	20.2	67.98	-	-	A	H
		17985	58.95	-15.05	74	58.52	48.43	21.9	69.9	-	-	P	H
		17985	48.65	-5.35	54	48.22	48.43	21.9	69.9	-	-	A	H
		3615	55.08	-18.92	74	83.75	29.22	10.15	68.04	305	195	P	V
		3615	47.48	-6.52	54	76.15	29.22	10.15	68.04	305	195	A	V
		4005	45.23	-28.77	74	73.27	29.79	10.48	68.31	100	50	P	V
		4005	41.75	-12.25	54	69.79	29.79	10.48	68.31	100	50	A	V
		4824	52.98	-21.02	74	77.87	31.54	11.45	67.88	194	27	P	V
		4824	42.85	-11.15	54	67.74	31.54	11.45	67.88	194	27	A	V
		7236	58.17	-15.83	74	74.43	36.16	13.81	66.23	112	358	P	V
		9648	50.84	-23.16	74	65.53	38.44	15.96	69.09	201	327	P	V
		11325	48.93	-25.07	74	59.84	39.76	17.59	68.26	-	-	P	V
		11325	38.32	-15.68	54	49.23	39.76	17.59	68.26	-	-	A	V
		12060	56.98	-17.02	74	66.93	39.21	18.3	67.46	274	360	P	V
		12060	47.88	-6.12	54	57.83	39.21	18.3	67.46	274	360	A	V
		14490	51.67	-22.33	74	57.51	41.94	20.2	67.98	-	-	P	V
		14490	41.87	-12.13	54	47.71	41.94	20.2	67.98	-	-	A	V
		18000	58.59	-15.41	74	57.36	49.04	21.91	69.72	-	-	P	V
		18000	49.5	-4.5	54	48.27	49.04	21.91	69.72	-	-	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)
802.11n HT20 CH 06 2437MHz		3645	54.31	-19.69	74	82.97	29.19	10.18	68.03	132	276	P	H
		3645	45.96	-8.04	54	74.62	29.19	10.18	68.03	132	276	A	H
		4065	48.12	-25.88	74	76.22	29.8	10.55	68.45	110	75	P	H
		4065	38.71	-15.29	54	66.81	29.8	10.55	68.45	110	75	A	H
		4874	40.05	-33.95	74	65.03	31.45	11.48	67.91	-	-	P	H
		7311	56.35	-17.65	74	73.1	36.33	13.91	66.99	306	327	P	H
		7311	46.66	-7.34	54	63.41	36.33	13.91	66.99	306	327	A	H
		10965	49.06	-24.94	74	59.99	40.17	17.25	68.35	-	-	P	H
		10965	38.27	-15.73	54	49.2	40.17	17.25	68.35	-	-	A	H
		12185	59.6	-14.4	74	68.97	39.26	18.41	67.04	218	49	P	H
		12185	50.53	-3.47	54	59.9	39.26	18.41	67.04	218	49	A	H
		14490	51.18	-22.82	74	57.02	41.94	20.2	67.98	-	-	P	H
		14490	41.83	-12.17	54	47.67	41.94	20.2	67.98	-	-	A	H
		17059	56.12	-17.88	74	63.01	40.4	21.46	68.75	400	267	P	H
		18000	58.84	-15.16	74	57.83	48.82	21.91	69.72	-	-	P	H
		18000	49.27	-4.73	54	48.26	48.82	21.91	69.72	-	-	A	H
		3660	56.45	-17.55	74	84.97	29.3	10.19	68.01	281	189	P	V
		3660	49.85	-4.15	54	78.37	29.3	10.19	68.01	281	189	A	V
		4065	49.48	-24.52	74	77.61	29.77	10.55	68.45	190	343	P	V
		4065	37.96	-16.04	54	66.09	29.77	10.55	68.45	190	343	A	V
		4874	49.41	-24.59	74	74.43	31.41	11.48	67.91	213	336	P	V
		4874	40.22	-13.78	54	65.24	31.41	11.48	67.91	213	336	A	V
		7311	57.67	-16.33	74	74.38	36.37	13.91	66.99	216	359	P	V
		7311	48.19	-5.81	54	64.9	36.37	13.91	66.99	216	359	A	V
		11280	49.29	-24.71	74	60.39	39.67	17.55	68.32	-	-	P	V
		11280	38.21	-15.79	54	49.31	39.67	17.55	68.32	-	-	A	V
		12185	56.19	-17.81	74	65.54	39.28	18.41	67.04	235	331	P	V
		12185	47.46	-6.54	54	56.81	39.28	18.41	67.04	235	331	A	V
		14490	51.9	-22.1	74	57.74	41.94	20.2	67.98	-	-	P	V
		14490	41.87	-12.13	54	47.71	41.94	20.2	67.98	-	-	A	V
		17059	58.4	-15.6	74	65.17	40.52	21.46	68.75	100	8	P	V
		17985	58.68	-15.32	74	57.98	48.7	21.9	69.9	-	-	P	V
		17985	48.9	-5.1	54	48.2	48.7	21.9	69.9	-	-	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)
802.11n HT20 CH 11 2462MHz		3690	51.79	-22.21	74	80.18	29.33	10.22	67.94	261	97	P	H
		3690	41.94	-12.06	54	70.33	29.33	10.22	67.94	261	97	A	H
		4110	52.12	-21.88	74	80.13	29.86	10.6	68.47	100	81	P	H
		4110	42.05	-11.95	54	70.06	29.86	10.6	68.47	100	81	A	H
		4924	39.9	-34.1	74	64.95	31.45	11.49	67.99	-	-	P	H
		7386	44.75	-29.25	74	61.73	36.4	14	67.38	-	-	P	H
		11250	49.26	-24.74	74	60.35	39.72	17.52	68.33	-	-	P	H
		11250	38.15	-15.85	54	49.24	39.72	17.52	68.33	-	-	A	H
		12310	55.01	-18.99	74	64.99	38.95	18.51	67.44	197	265	P	H
		12310	44.06	-9.94	54	54.04	38.95	18.51	67.44	197	265	A	H
		14490	51.73	-22.27	74	57.57	41.94	20.2	67.98	-	-	P	H
		14490	41.95	-12.05	54	47.79	41.94	20.2	67.98	-	-	A	H
		17970	59.42	-14.58	74	59.55	48.04	21.9	70.07	-	-	P	H
		17970	48.19	-5.81	54	48.32	48.04	21.9	70.07	-	-	A	H
		3705	53.99	-20.01	74	82.28	29.39	10.23	67.91	250	3	P	V
		3705	44.47	-9.53	54	72.76	29.39	10.23	67.91	250	3	A	V
		4110	54.5	-19.5	74	82.52	29.85	10.6	68.47	256	2	P	V
		4110	45.07	-8.93	54	73.09	29.85	10.6	68.47	256	2	A	V
		4924	46.73	-27.27	74	71.9	31.33	11.49	67.99	188	334	P	V
		4924	37.74	-16.26	54	62.91	31.33	11.49	67.99	188	334	A	V
		7386	52.93	-21.07	74	69.82	36.49	14	67.38	233	360	P	V
		7386	43.41	-10.59	54	60.3	36.49	14	67.38	233	360	A	V
		11010	48.94	-25.06	74	59.8	40.07	17.29	68.22	-	-	P	V
		11010	38.51	-15.49	54	49.37	40.07	17.29	68.22	-	-	A	V
		12310	52.22	-21.78	74	62.23	38.92	18.51	67.44	205	330	P	V
		12310	43.56	-10.44	54	53.57	38.92	18.51	67.44	205	330	A	V
		14490	51.42	-22.58	74	57.26	41.94	20.2	67.98	-	-	P	V
		14490	41.92	-12.08	54	47.76	41.94	20.2	67.98	-	-	A	V
		17985	59.8	-14.2	74	59.1	48.7	21.9	69.9	-	-	P	V
		17985	49.07	-4.93	54	48.37	48.7	21.9	69.9	-	-	A	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.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (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)
802.11n HT40 CH 03 2422MHz		2389.04	63.82	-10.18	74	50.22	27.68	17.42	31.5	101	160	P	H
		2389.36	51.79	-2.21	54	38.19	27.68	17.42	31.5	101	160	A	H
	*	2422	104.2	-	-	90.55	27.66	17.48	31.49	101	160	P	H
	*	2422	96.86	-	-	83.21	27.66	17.48	31.49	101	160	A	H
		2483.84	57.62	-16.38	74	43.88	27.62	17.58	31.46	101	160	P	H
		2484.32	47.4	-6.6	54	33.66	27.62	17.58	31.46	101	160	A	H
		2388.4	66.21	-7.79	74	52.5	27.79	17.42	31.5	306	208	P	V
		2390	51.14	-2.86	54	37.44	27.78	17.42	31.5	306	208	A	V
	*	2422	102.7	-	-	89.05	27.66	17.48	31.49	306	208	P	V
	*	2422	95.42	-	-	81.77	27.66	17.48	31.49	306	208	A	V
		2498.96	55.23	-18.77	74	41.58	27.49	17.61	31.45	306	208	P	V
		2483.68	45.63	-8.37	54	32	27.51	17.58	31.46	306	208	A	V
802.11n HT40 CH 06 2437MHz		2388.08	62.85	-11.15	74	49.24	27.69	17.42	31.5	100	160	P	H
		2387.76	51.28	-2.72	54	37.67	27.69	17.42	31.5	100	160	A	H
	*	2437	108.63	-	-	94.95	27.66	17.5	31.48	100	160	P	H
	*	2437	101.3	-	-	87.62	27.66	17.5	31.48	100	160	A	H
		2487.44	65.94	-8.06	74	52.19	27.62	17.59	31.46	100	160	P	H
		2483.92	52.68	-1.32	54	38.94	27.62	17.58	31.46	100	160	A	H
		2388.56	62.35	-11.65	74	48.64	27.79	17.42	31.5	295	199	P	V
		2389.36	50.36	-3.64	54	36.66	27.78	17.42	31.5	295	199	A	V
	*	2437	106.42	-	-	92.8	27.6	17.5	31.48	295	199	P	V
	*	2437	98.72	-	-	85.1	27.6	17.5	31.48	295	199	A	V
		2484	60.66	-13.34	74	47.03	27.51	17.58	31.46	295	199	P	V
		2484.16	49.27	-4.73	54	35.64	27.51	17.58	31.46	295	199	A	V



802.11n HT40 CH 09 2452MHz		2382.16	56.69	-17.31	74	43.1	27.7	17.41	31.52	100	159	P	H
		2374.96	48.55	-5.45	54	34.95	27.72	17.4	31.52	100	159	A	H
	*	2452	104.82	-	-	91.1	27.66	17.53	31.47	100	159	P	H
	*	2452	97.63	-	-	83.91	27.66	17.53	31.47	100	159	A	H
		2483.52	67.94	-6.06	74	54.2	27.62	17.58	31.46	100	159	P	H
		2483.68	52.8	-1.2	54	39.06	27.62	17.58	31.46	100	159	A	H
		2384.56	55.63	-18.37	74	41.93	27.8	17.41	31.51	292	198	P	V
		2388.56	45.87	-8.13	54	32.16	27.79	17.42	31.5	292	198	A	V
	*	2452	103.19	-	-	89.58	27.55	17.53	31.47	292	198	P	V
	*	2452	95.87	-	-	82.26	27.55	17.53	31.47	292	198	A	V
		2483.84	62.71	-11.29	74	49.08	27.51	17.58	31.46	292	198	P	V
		2483.76	49.81	-4.19	54	36.18	27.51	17.58	31.46	292	198	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (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)
802.11n HT40 CH 03 2422MHz		4844	39.62	-34.38	74	64.56	31.48	11.46	67.88	-	-	P	H
		7266	42.96	-31.04	74	59.38	36.27	13.84	66.53	-	-	P	H
		11415	49.11	-24.89	74	59.39	40.04	17.68	68	-	-	P	H
		11415	38.93	-15.07	54	49.21	40.04	17.68	68	-	-	A	H
		14490	51.01	-22.99	74	56.85	41.94	20.2	67.98	-	-	P	H
		14490	41.85	-12.15	54	47.69	41.94	20.2	67.98	-	-	A	H
		18000	58.79	-15.21	74	57.78	48.82	21.91	69.72	-	-	P	H
		18000	49.32	-4.68	54	48.31	48.82	21.91	69.72	-	-	A	H
		4844	42.98	-31.02	74	67.86	31.54	11.46	67.88	104	18	P	V
		4844	34.01	-19.99	54	58.89	31.54	11.46	67.88	104	18	A	V
		7266	47.29	-26.71	74	63.77	36.21	13.84	66.53	219	360	P	V
		7266	37.69	-16.31	54	54.17	36.21	13.84	66.53	219	360	A	V
		11040	49.29	-24.71	74	60.12	40.01	17.32	68.16	-	-	P	V
		11040	38.58	-15.42	54	49.41	40.01	17.32	68.16	-	-	A	V
		14490	51.09	-22.91	74	56.93	41.94	20.2	67.98	-	-	P	V
		14490	41.77	-12.23	54	47.61	41.94	20.2	67.98	-	-	A	V
		18000	59.21	-14.79	74	57.98	49.04	21.91	69.72	-	-	P	V
		18000	49.52	-4.48	54	48.29	49.04	21.91	69.72	-	-	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)
802.11n HT40 CH 06 2437MHz		4874	39.65	-34.35	74	64.63	31.45	11.48	67.91	-	-	P	H
		7311	43.87	-30.13	74	60.62	36.33	13.91	66.99	-	-	P	H
		11745	49.14	-24.86	74	59.61	39.36	18	67.83	-	-	P	H
		11745	38.82	-15.18	54	49.29	39.36	18	67.83	-	-	A	H
		14490	51.62	-22.38	74	57.46	41.94	20.2	67.98	-	-	P	H
		14490	41.83	-12.17	54	47.67	41.94	20.2	67.98	-	-	A	H
		17985	59.24	-14.76	74	58.81	48.43	21.9	69.9	-	-	P	H
		17985	48.72	-5.28	54	48.29	48.43	21.9	69.9	-	-	A	H
		4874	43.87	-30.13	74	68.89	31.41	11.48	67.91	200	334	P	V
		4874	35.53	-18.47	54	60.55	31.41	11.48	67.91	200	334	A	V
		7311	50.48	-23.52	74	67.19	36.37	13.91	66.99	217	360	P	V
		7311	41.38	-12.62	54	58.09	36.37	13.91	66.99	217	360	A	V
		11610	49.8	-24.2	74	59.58	39.92	17.87	67.57	-	-	P	V
		11610	39.42	-14.58	54	49.2	39.92	17.87	67.57	-	-	A	V
		14490	51.94	-22.06	74	57.78	41.94	20.2	67.98	-	-	P	V
		14490	41.85	-12.15	54	47.69	41.94	20.2	67.98	-	-	A	V
		18000	58.96	-15.04	74	57.73	49.04	21.91	69.72	-	-	P	V
		18000	49.48	-4.52	54	48.25	49.04	21.91	69.72	-	-	A	V

[illegible]



Emission above 18GHz

2.4GHz WIFI 802.11n HT20 (SHF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT20 SHF		22886	40.59	-33.41	74	38.31	38.96	14.9	51.58	-	-	P	H
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.												

Emission below 1GHz

2.4GHz WIFI 802.11n HT20 (LF)

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT20 LF		49.4	30.22	-9.78	40	46.87	14.64	1.14	32.43	-	-	P	H
		96.93	28.96	-14.54	43.5	44.1	15.59	1.69	32.42	-	-	P	H
		375.32	35.2	-10.8	46	43.38	21.21	3.09	32.48	196	106	Q	H
		499.48	37.23	-8.77	46	42.1	24.09	3.62	32.58	-	-	P	H
		624.61	38.29	-7.71	46	40.93	25.98	3.97	32.59	-	-	P	H
		874.87	36.78	-9.22	46	34.58	29.2	4.78	31.78	119	356	Q	H
		35.82	32.17	-7.83	40	41.52	22.11	0.98	32.44	100	189	Q	V
		62.01	27.84	-12.16	40	47.19	11.8	1.28	32.43	118	349	Q	V
		375.32	35.96	-10.04	46	44.14	21.21	3.09	32.48	-	-	P	V
		499.48	35.74	-10.26	46	40.61	24.09	3.62	32.58	-	-	P	V
		624.61	38.35	-7.65	46	40.99	25.98	3.97	32.59	-	-	P	V
		874.87	33.39	-12.61	46	31.19	29.2	4.78	31.78	185	331	Q	V



Note symbol

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

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

WIFI	Note	Frequency	Level	Margin	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.					Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)

2. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Margin (dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. 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

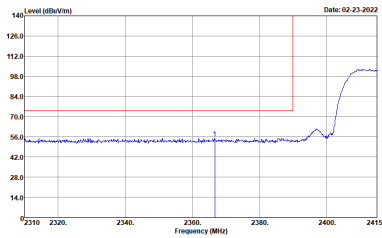
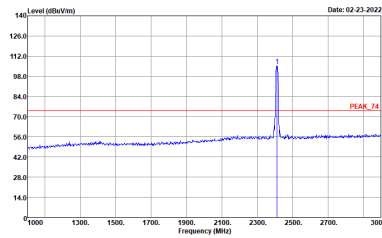
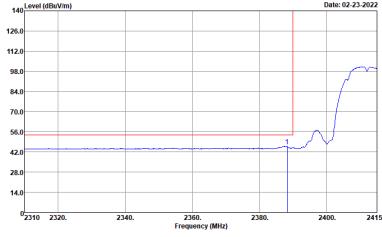
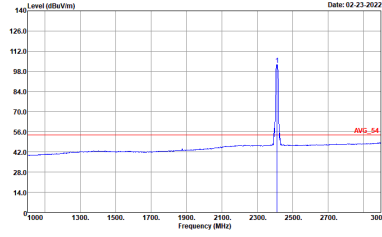
Test Engineer :	Michael Bui, Daniel Lee, Yuan Lee and Fu Chen	Temperature :	20~25°C
		Relative Humidity :	42~50%

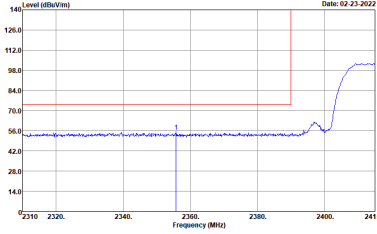
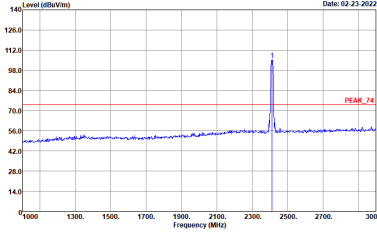
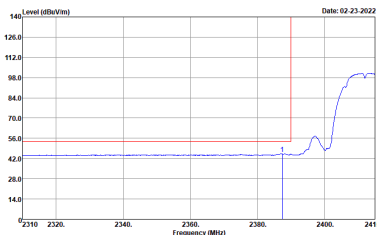
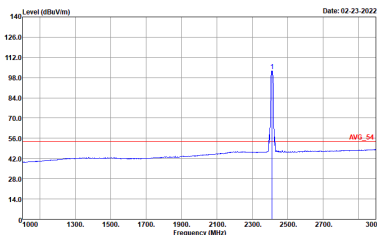
Note symbol

-L	Low channel location
-R	High channel location

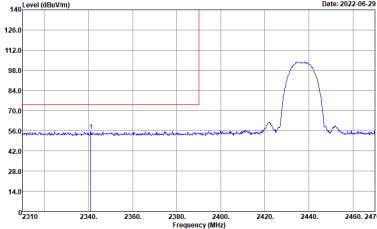
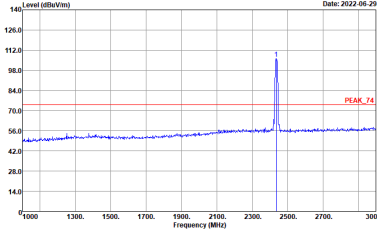
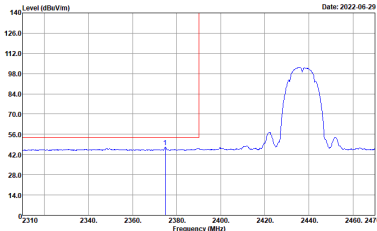
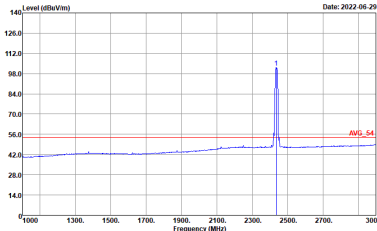
<Sample 1>

2.4GHz 2400~2483.5MHz
WIFI 802.11b (Band Edge @ 3m)

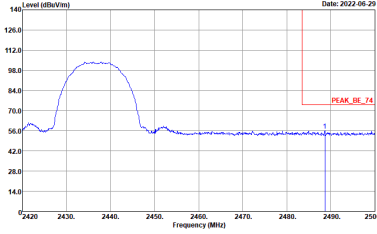
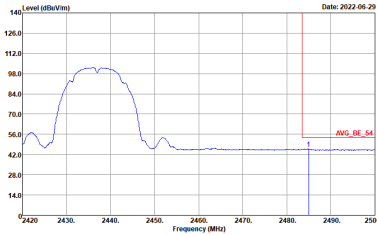
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
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	 Site : 03CH02-CA Condition : PEAK_F4 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_F4 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - 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	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

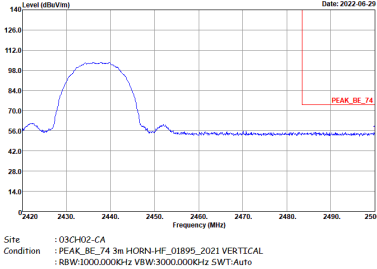
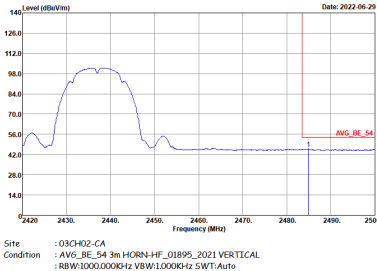


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank



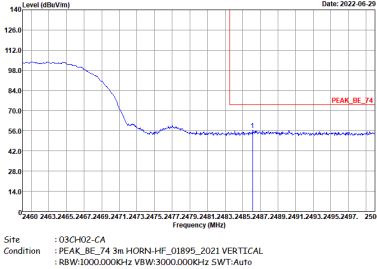
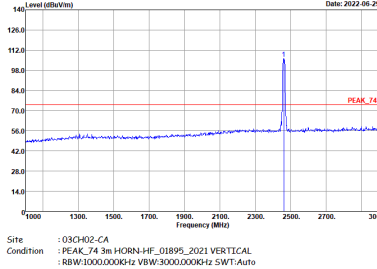
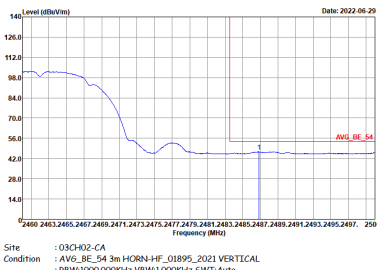
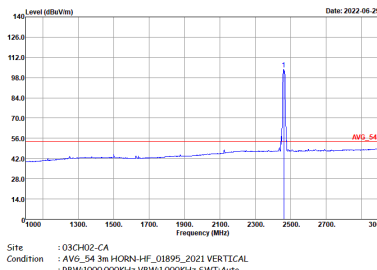
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



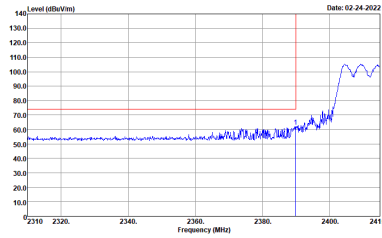
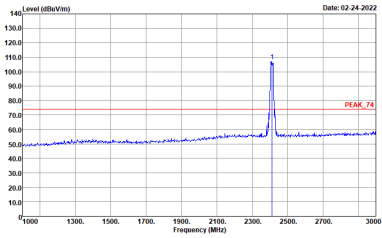
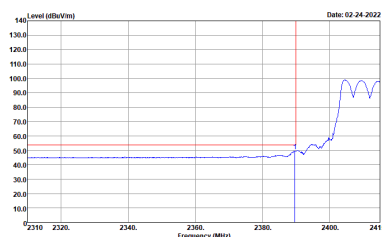
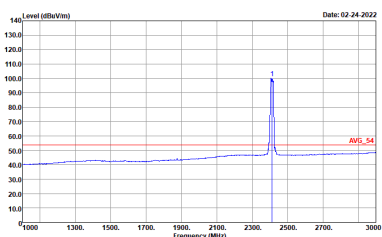
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

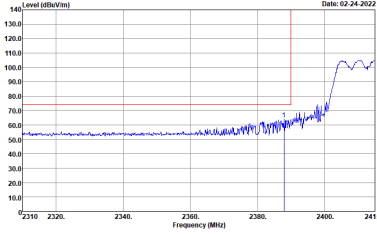
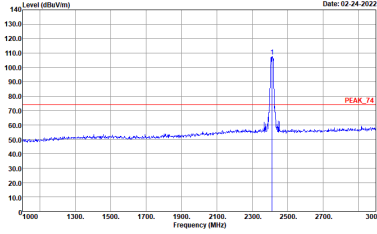
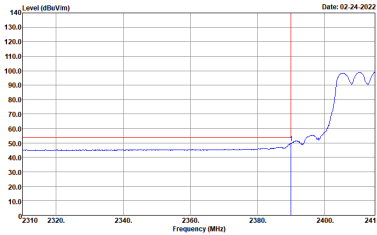
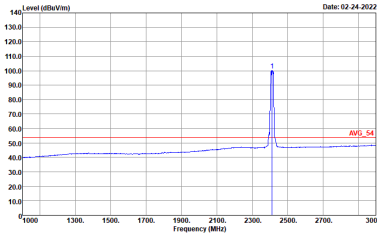


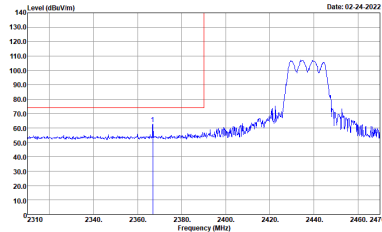
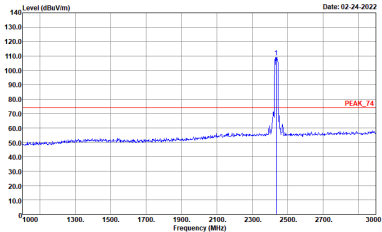
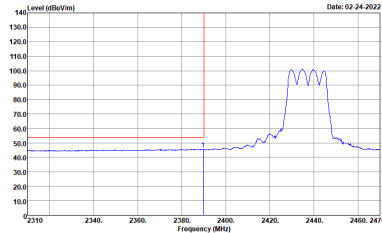
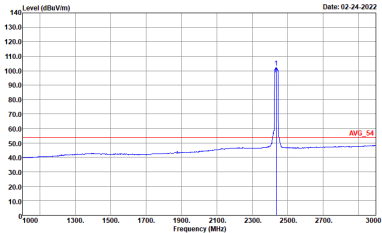
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_F1_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_F1_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

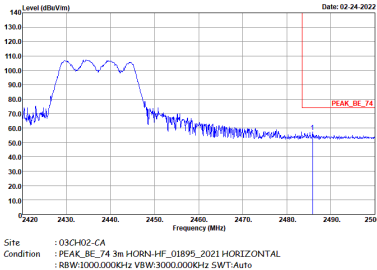
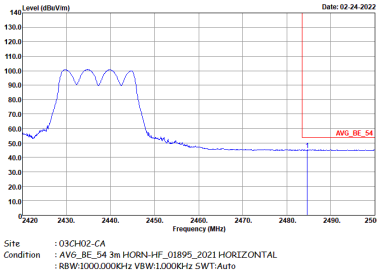
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_F4 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_F4 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

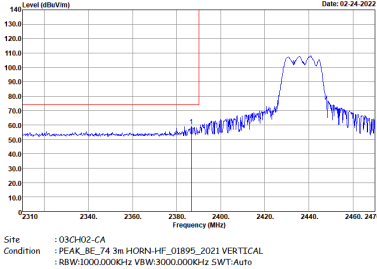
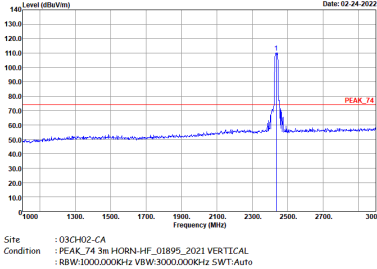
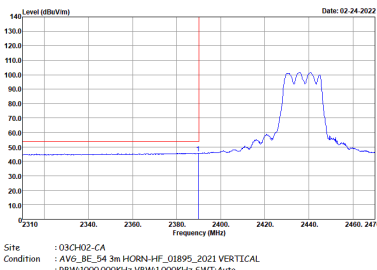
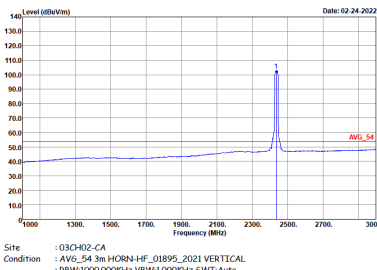
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
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	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
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	 Site : 03CH02-CA Condition : PEAK_F4 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_F4 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

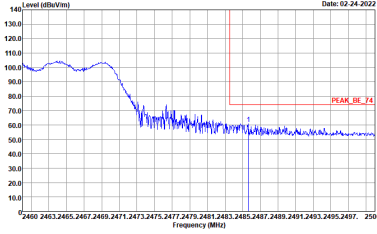
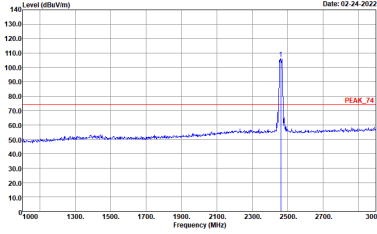
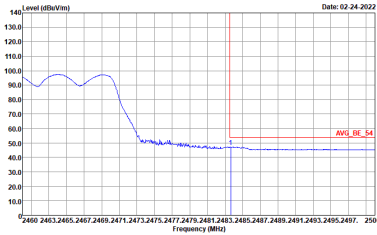
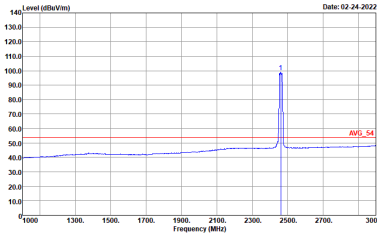
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

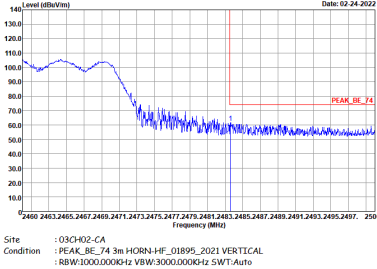
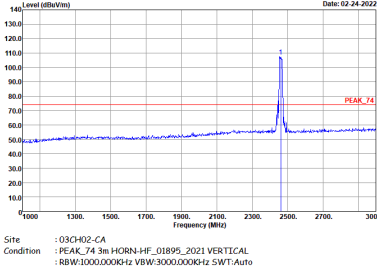
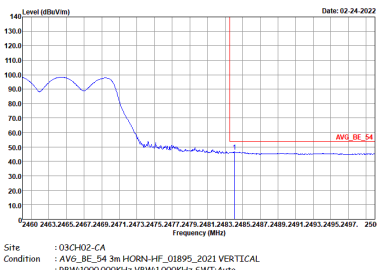
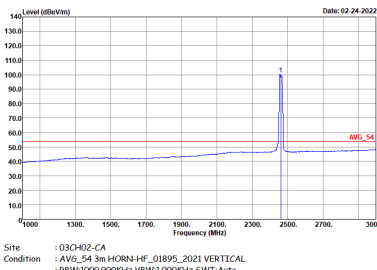
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_24 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_F4 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_F4 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

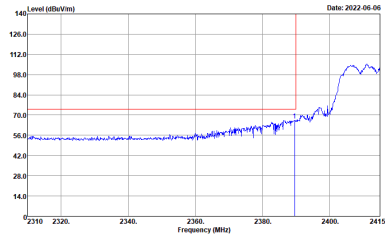
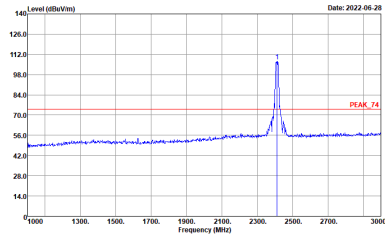
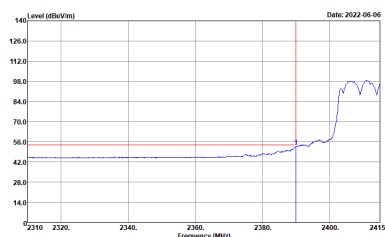
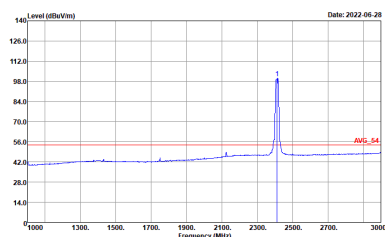


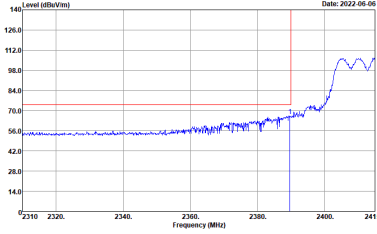
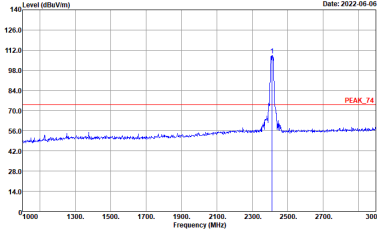
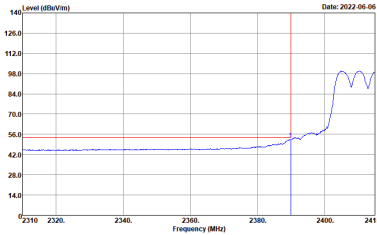
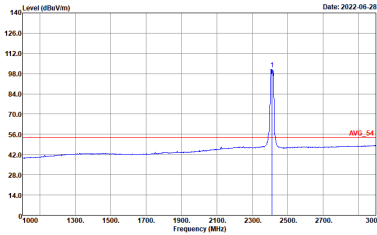
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left Blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
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	 Site : 03CH02-CA Condition : PEAK_F4 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_F4 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
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	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

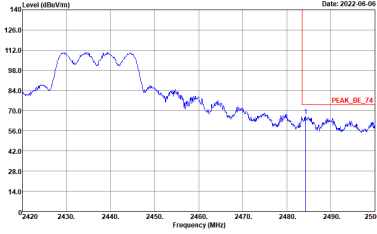
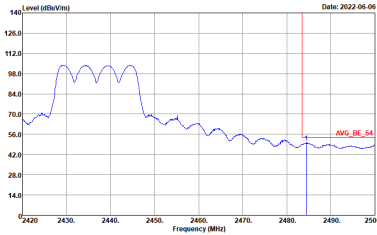
2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

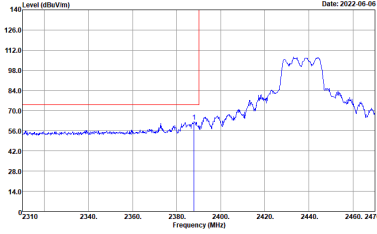
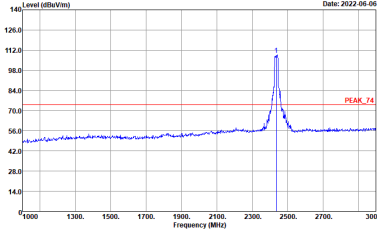
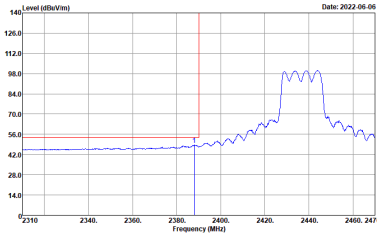
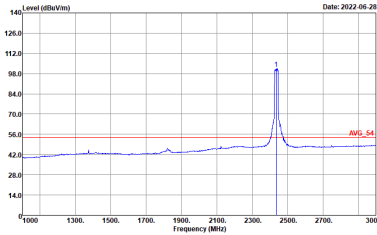
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
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	 Site : 03CH02-CA Condition : PEAK_F4 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_F4 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - 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	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

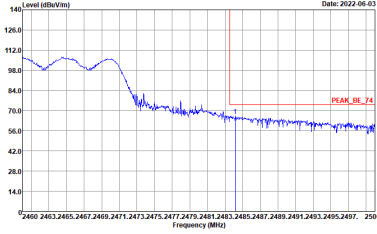
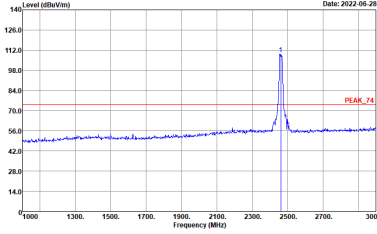
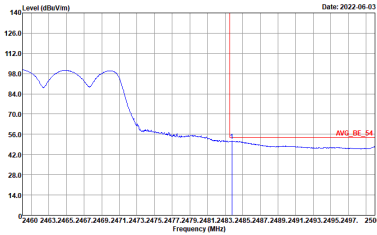
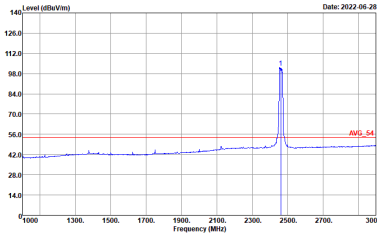
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

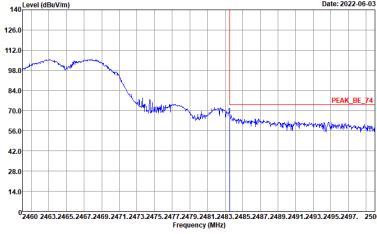
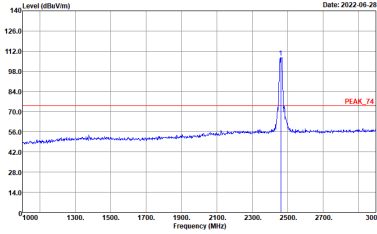
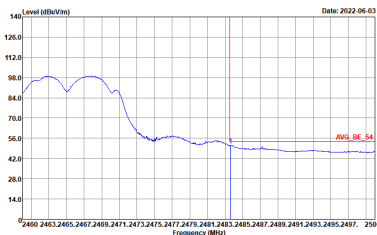
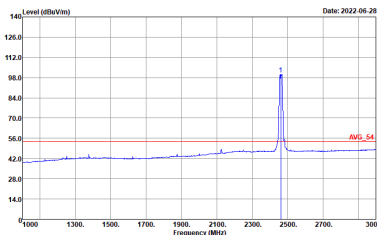
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



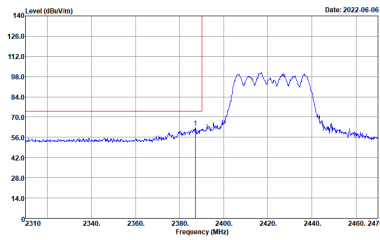
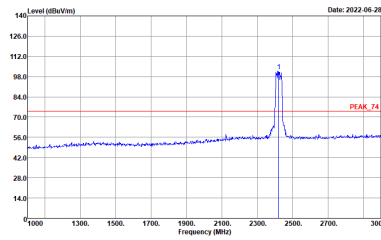
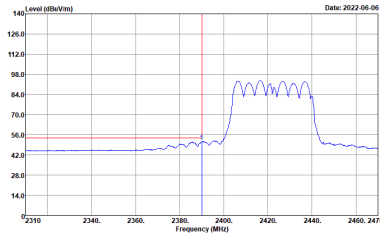
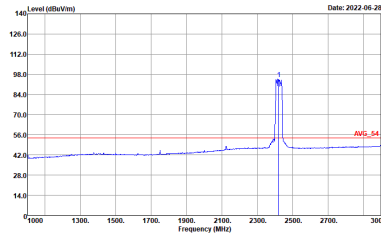
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left Blank

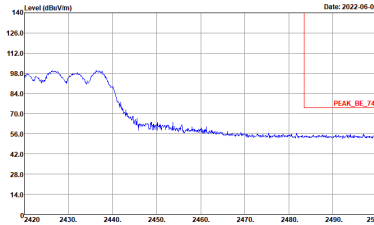
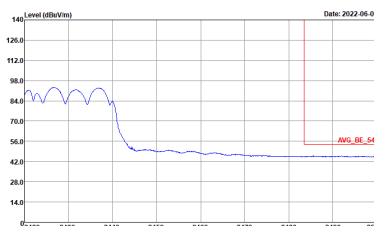


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BI_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

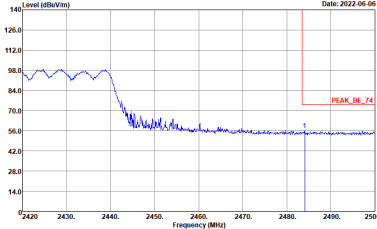
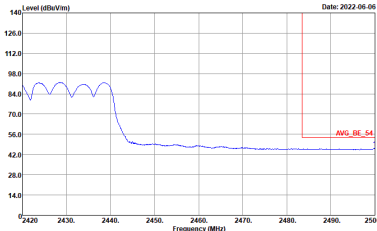
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

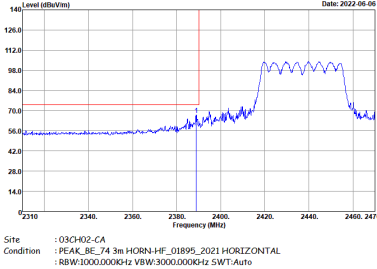
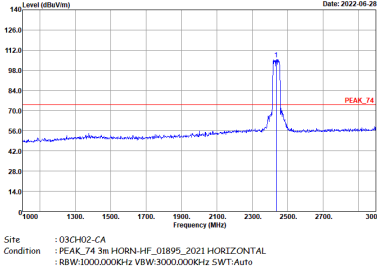
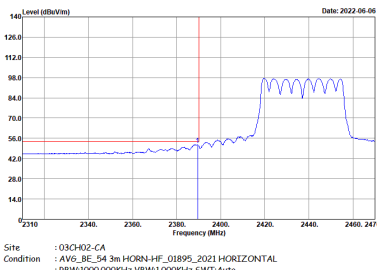
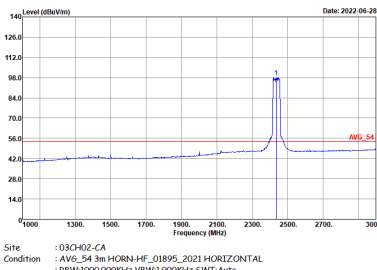
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left Blank



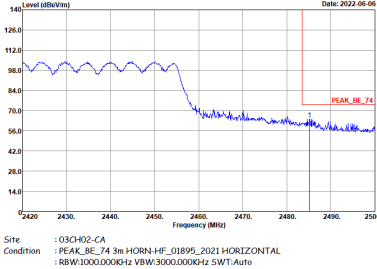
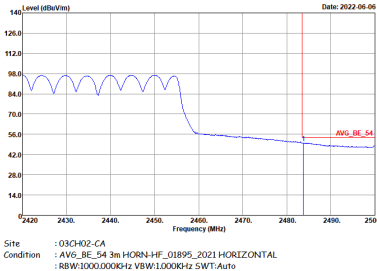
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

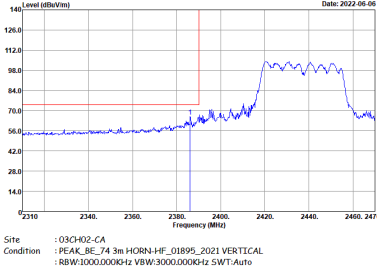
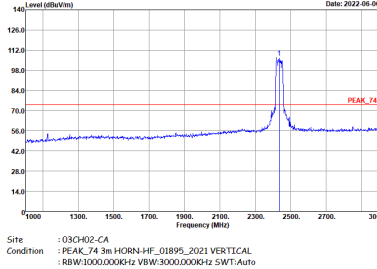
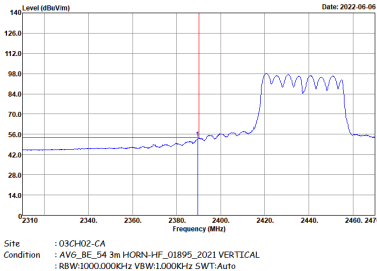
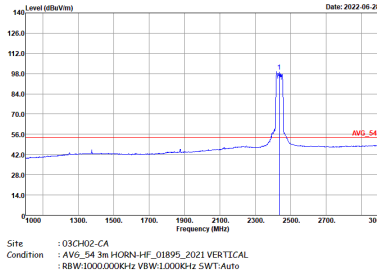


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

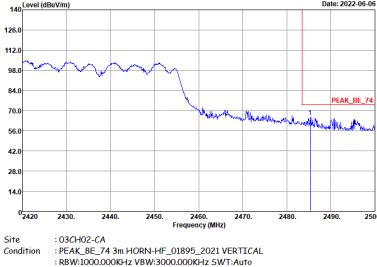
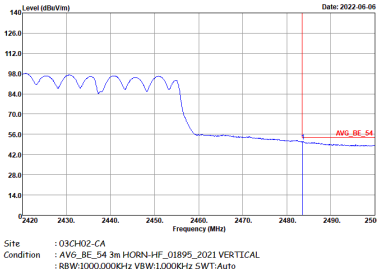
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

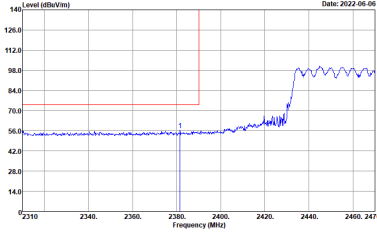
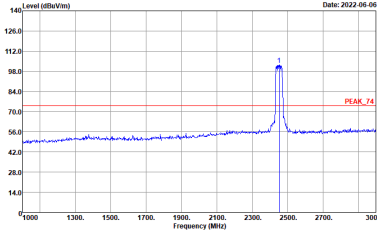
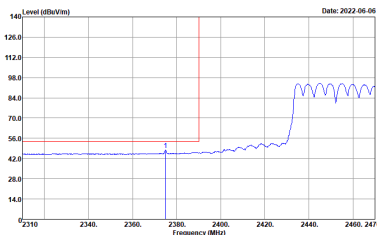
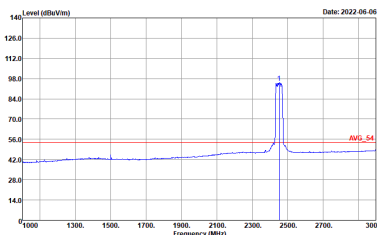


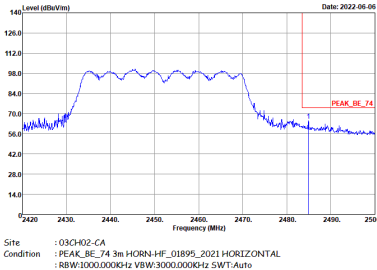
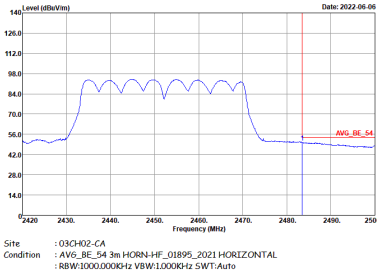
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

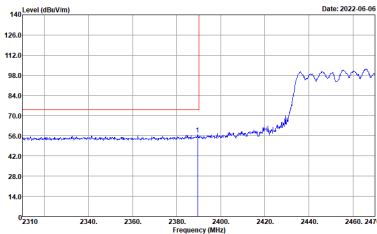
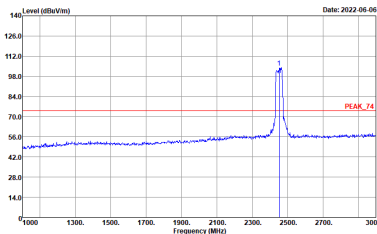
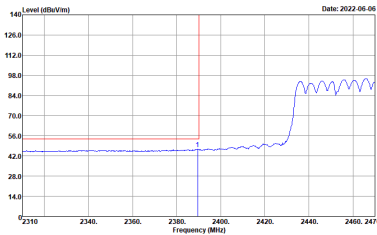
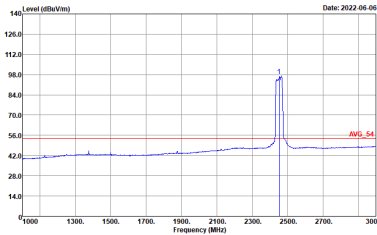
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



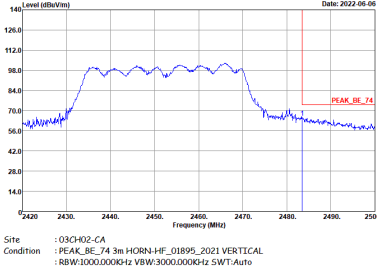
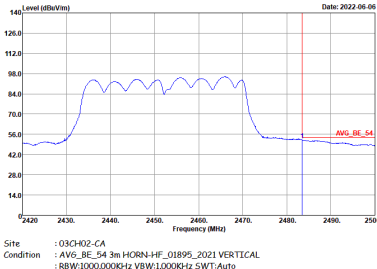
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - 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	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

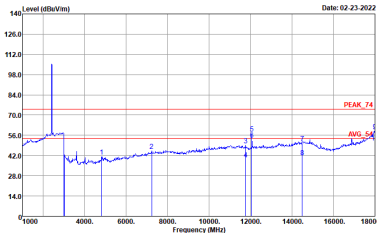
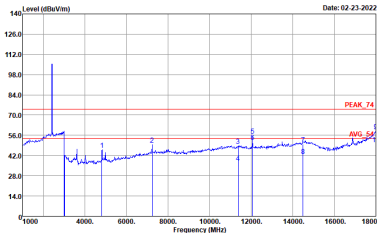
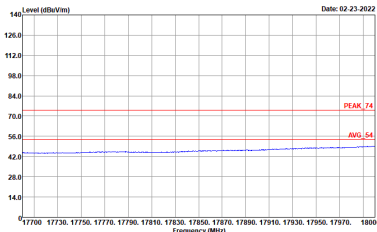
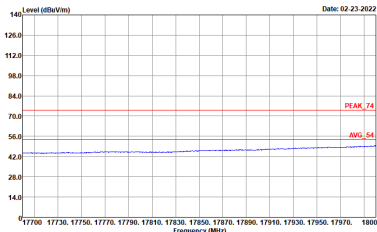
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

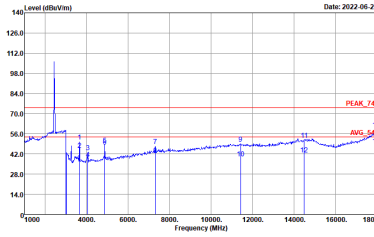
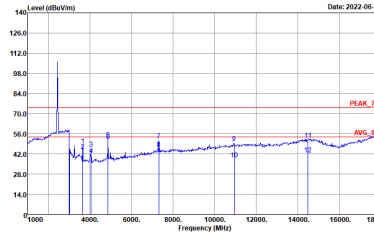
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - 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	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

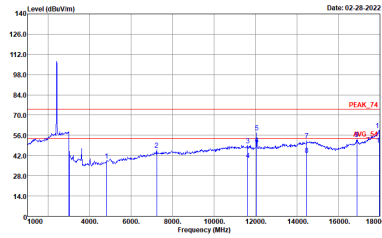
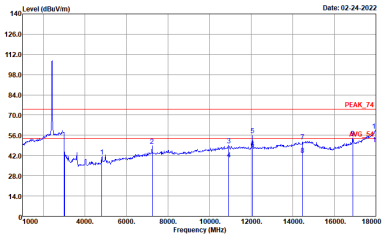
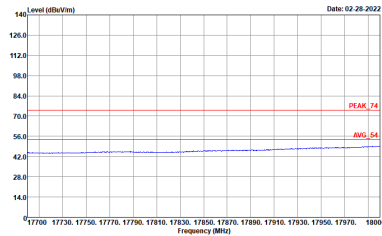
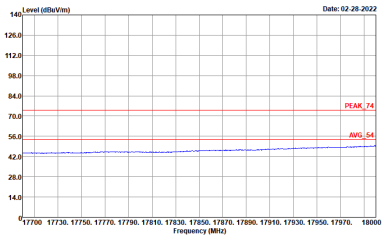
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak
	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.		

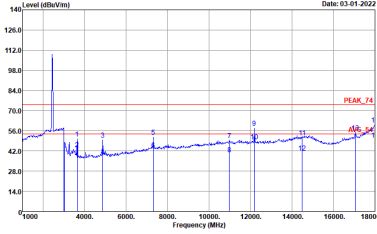
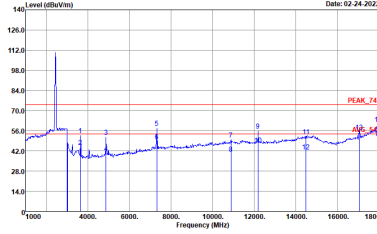
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

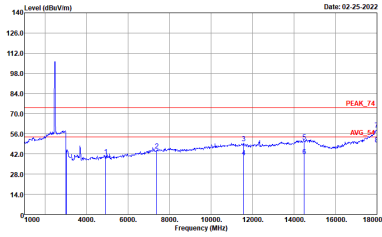
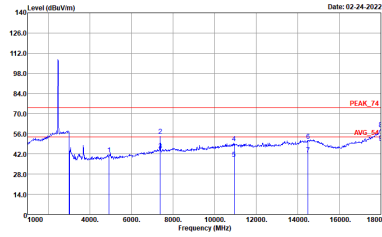


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-06-29 Frequency (MHz) Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	Level (dBuV/m) Date: 2022-06-29 Frequency (MHz) Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

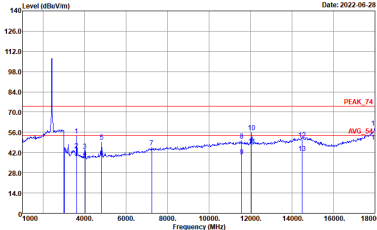
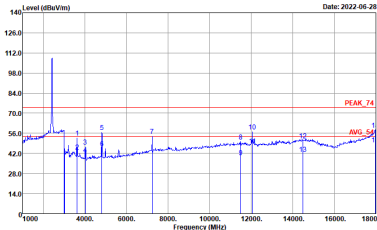
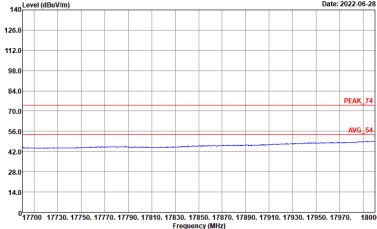
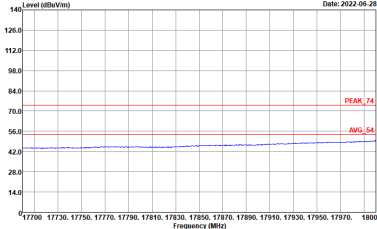
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)

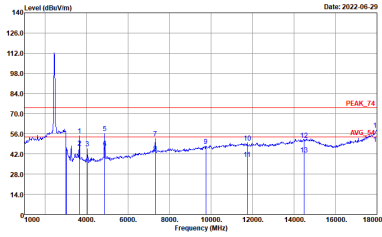
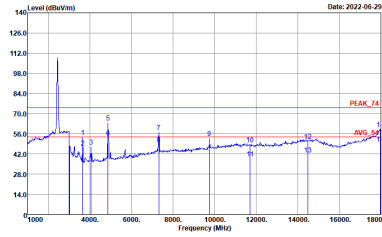
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak
	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak
Avg.		

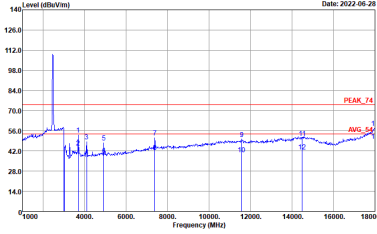
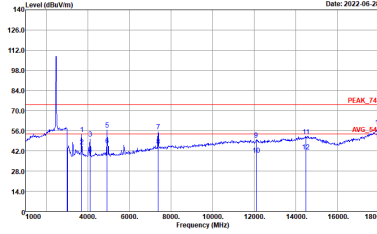
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

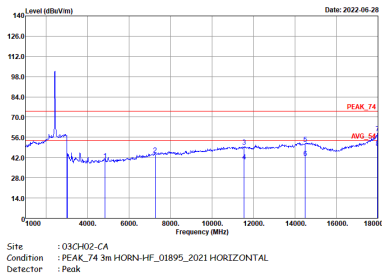
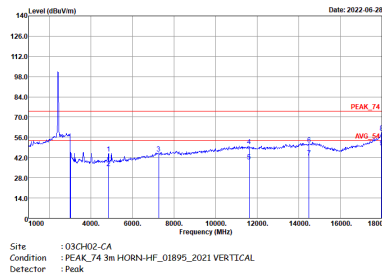
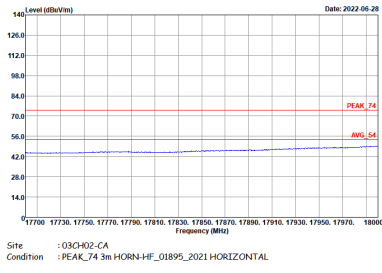
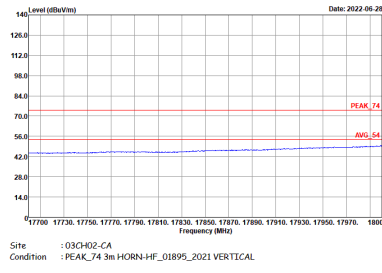
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak
	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.		

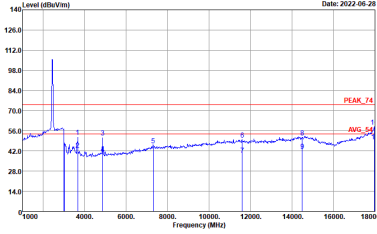
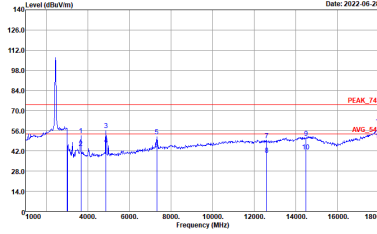
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

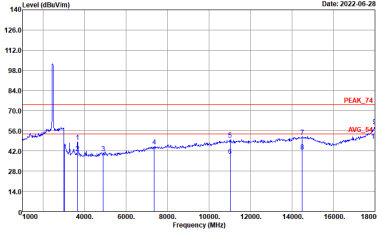
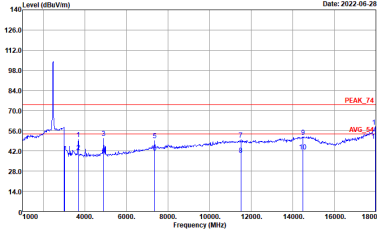
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

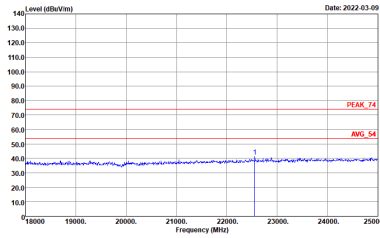
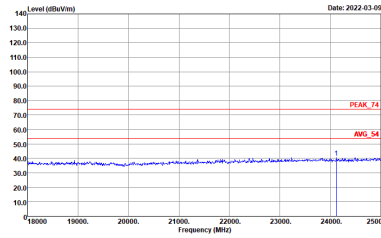
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak
Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

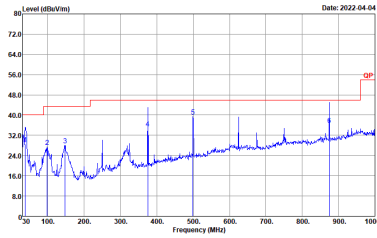
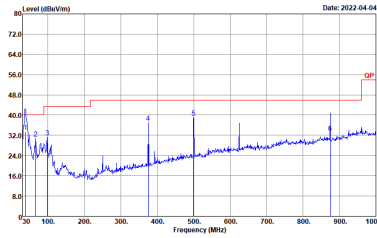
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak



Emission above 18GHz
2.4GHz WIFI 802.11n HT20 (SHF @ 1m)

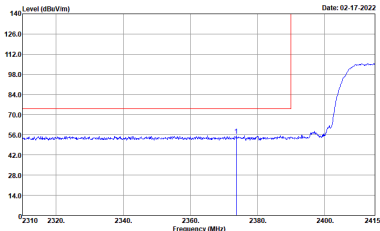
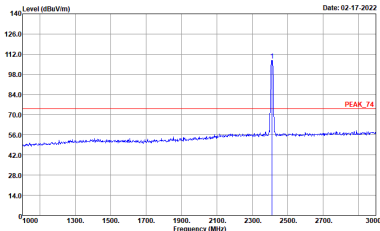
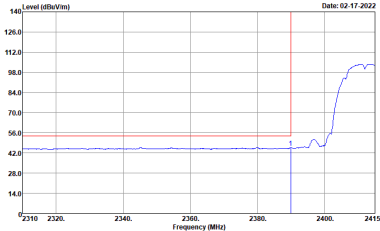
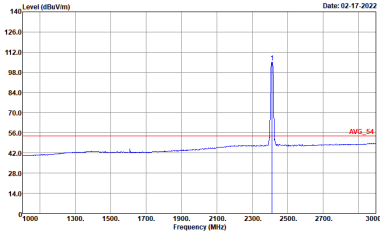
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 SHF	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 1m SHF_HORN_00842_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 1m SHF_HORN_00842_2021 VERTICAL Detector : Peak

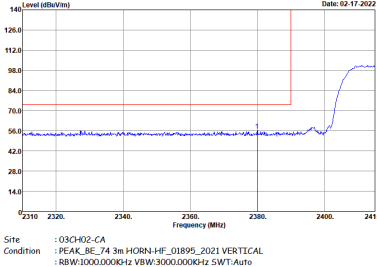
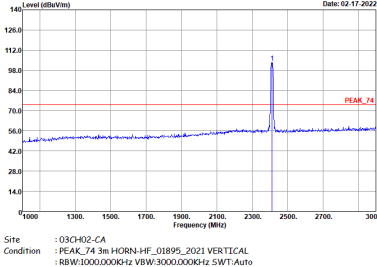
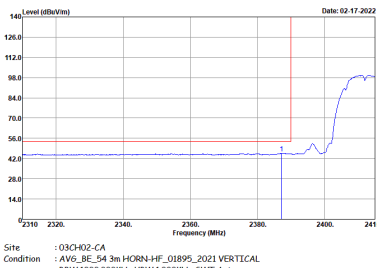
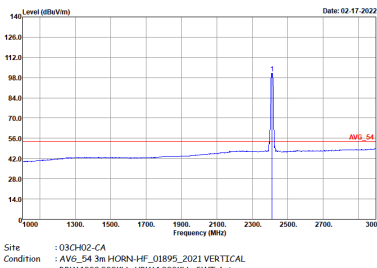
Emission below 1GHz
2.4GHz WIFI 802.11n HT20 (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH02-CA Condition : QP 5m BIL06_54683_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : QP 5m BIL06_54683_2021 VERTICAL Detector : Peak

<Sample 2>

2.4GHz 2400~2483.5MHz
WIFI 802.11b (Band Edge @ 3m)

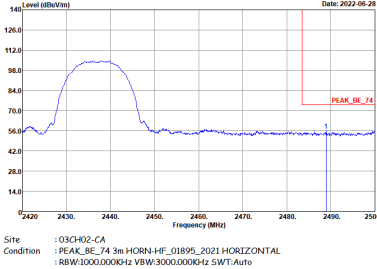
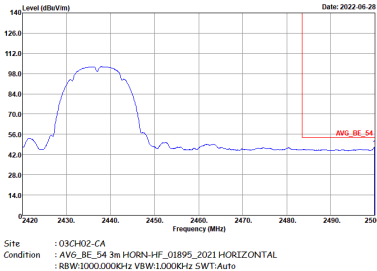
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
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	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

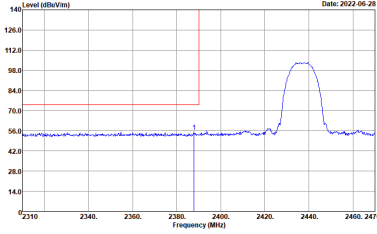
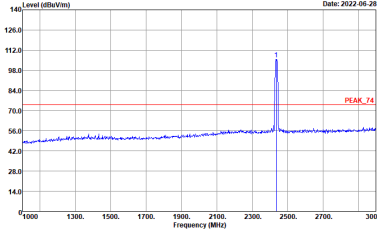
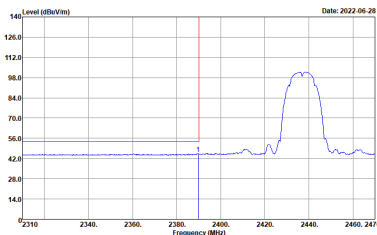
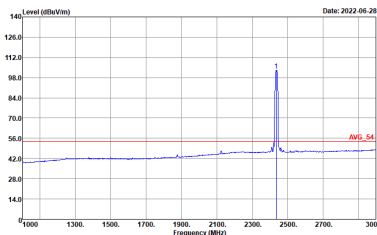


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

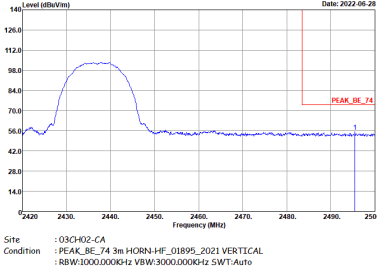
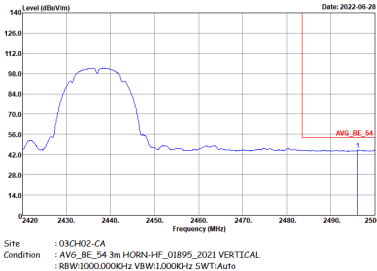


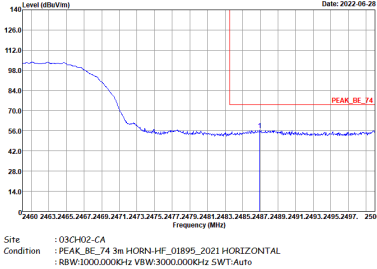
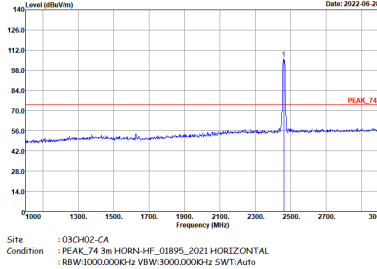
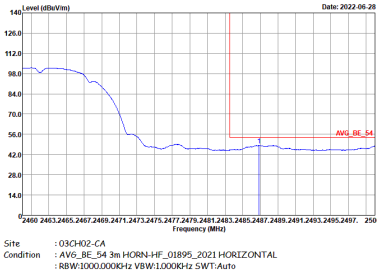
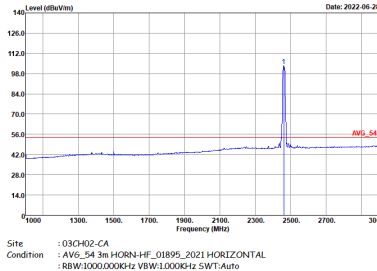
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - 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	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



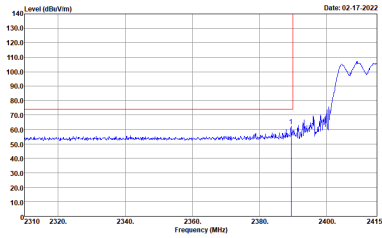
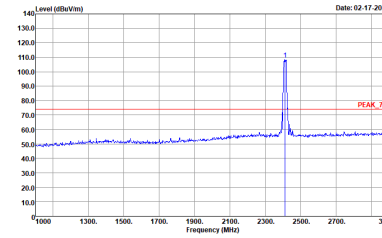
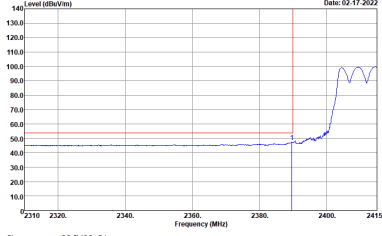
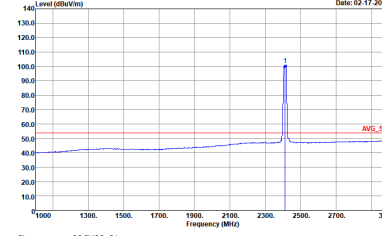
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

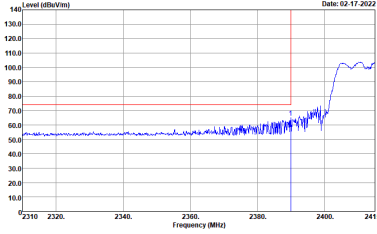
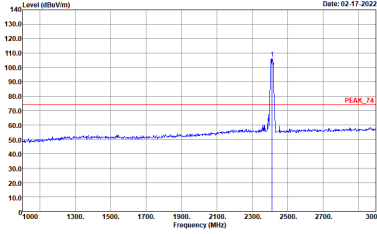
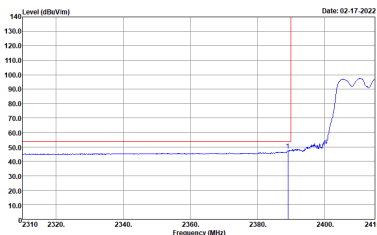
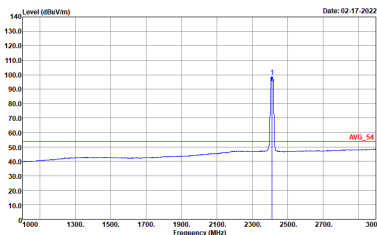
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

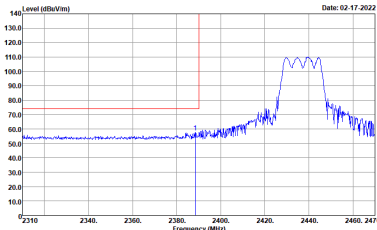
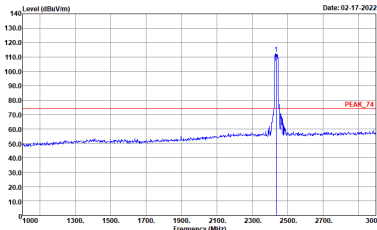
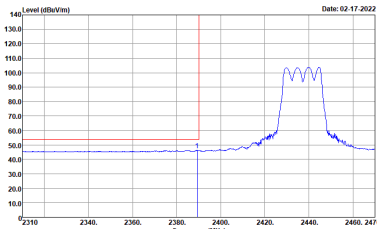
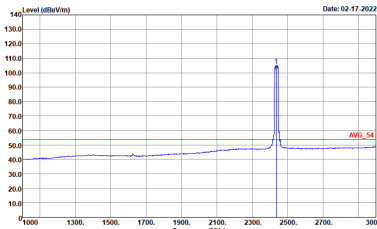


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

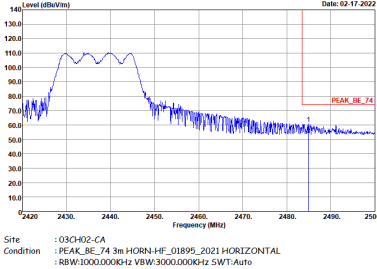
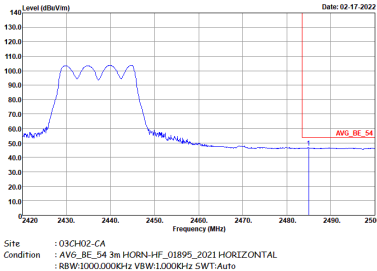
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

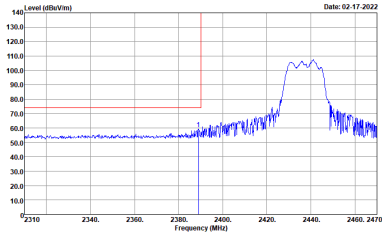
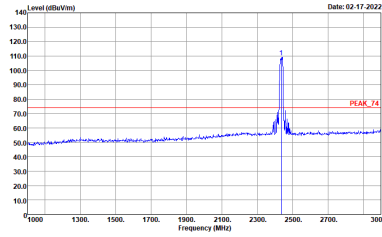
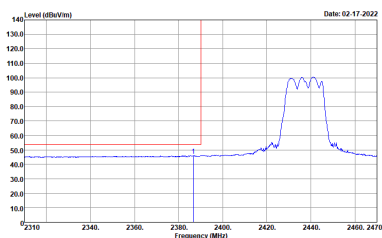
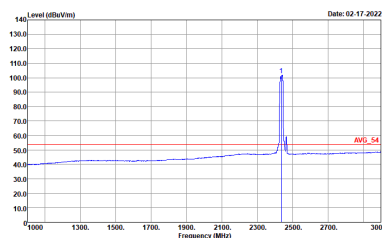
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
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	 Site : 03CH02-CA Condition : PEAK_F4 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_F4 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

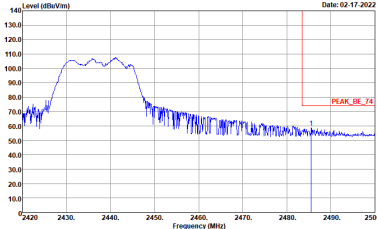
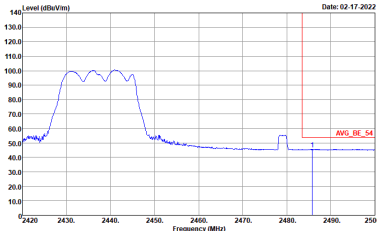
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

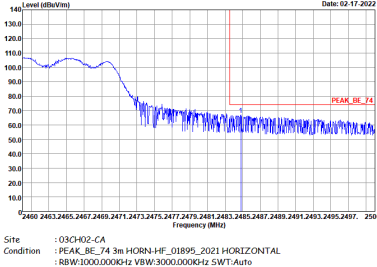
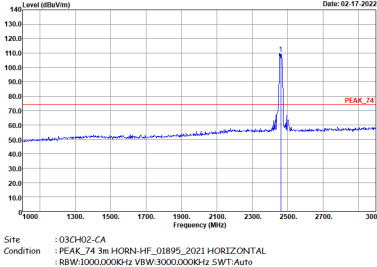
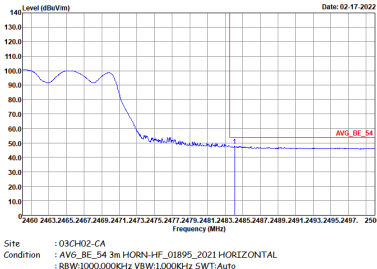
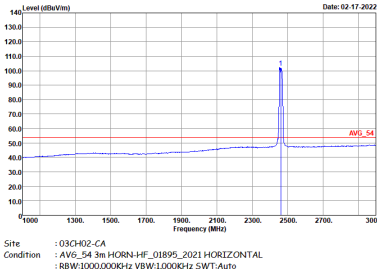


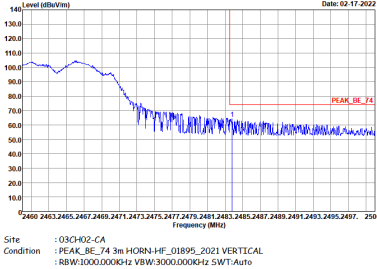
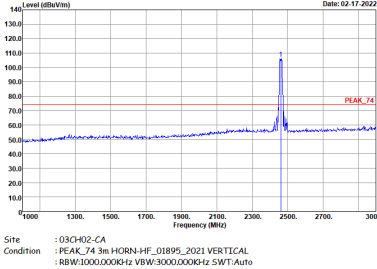
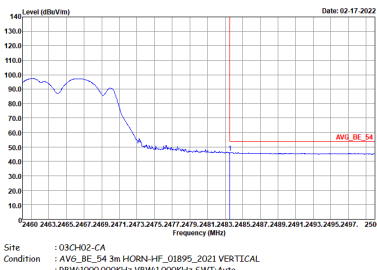
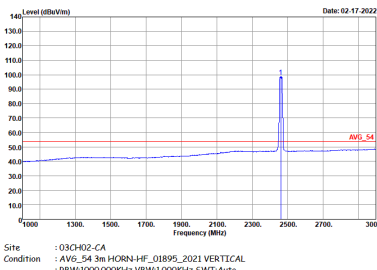
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - 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	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

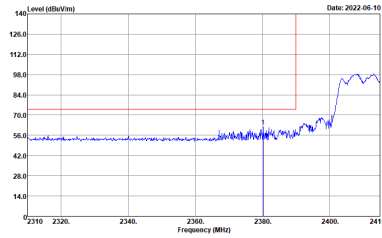
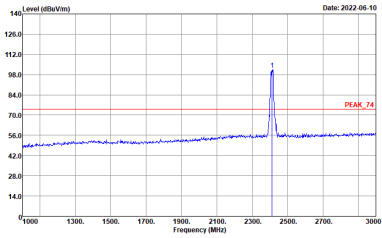
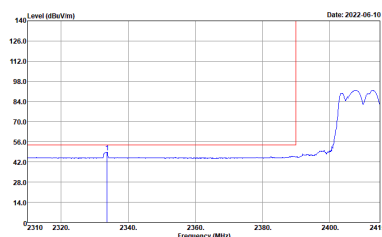
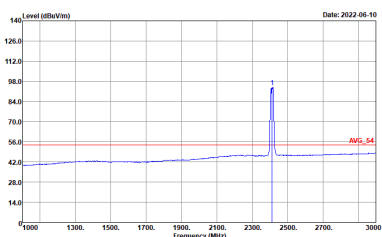


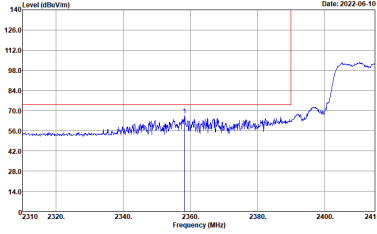
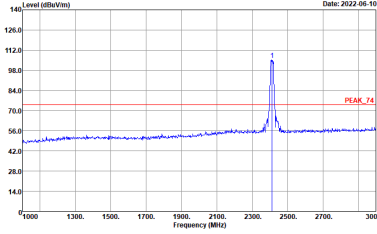
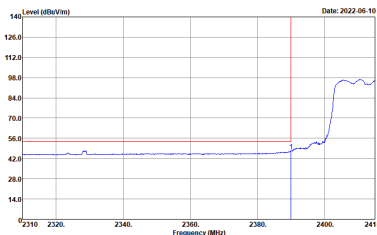
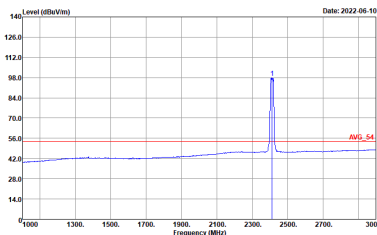
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left Blank

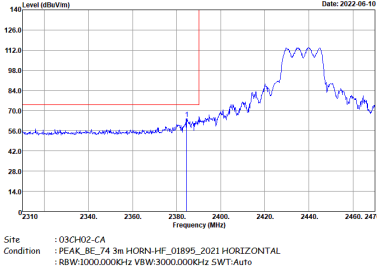
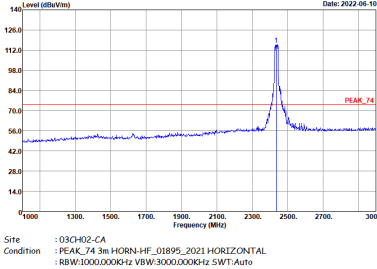
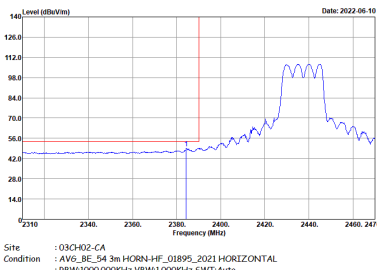
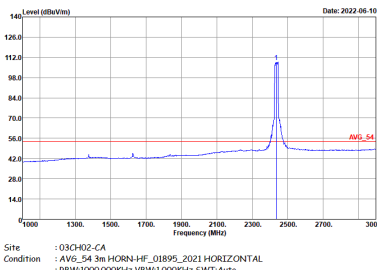
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

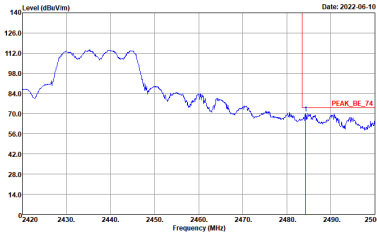
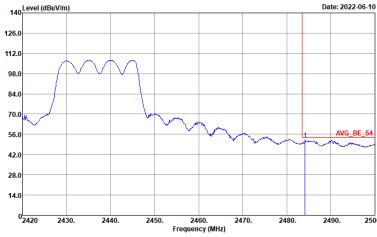
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

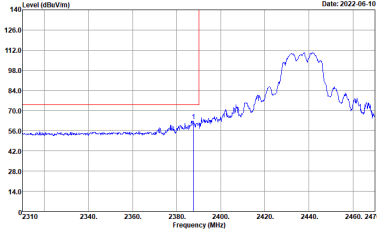
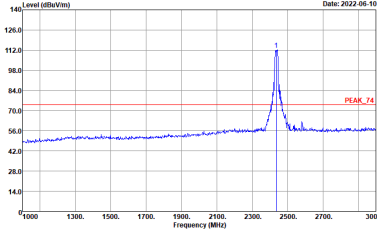
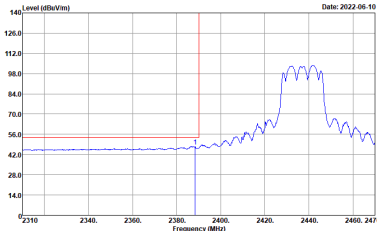
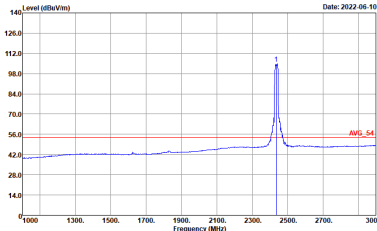
2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
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	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1.000KHz SWT:Auto
Avg.		

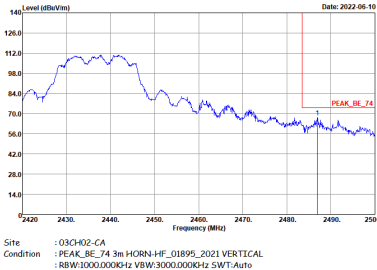
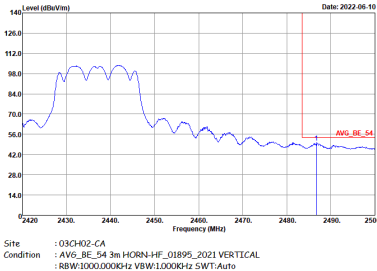
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_F4 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_F4 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - 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	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

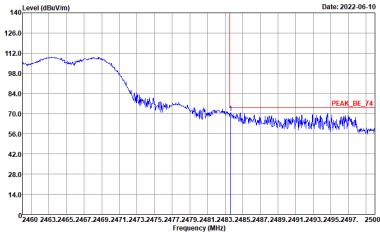
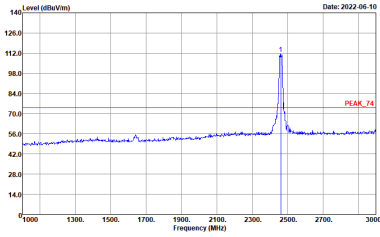
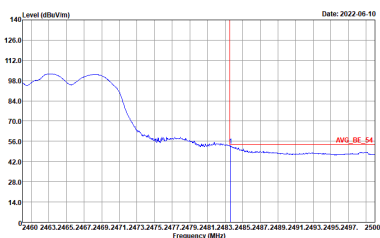
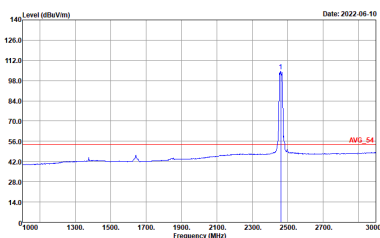
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - 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	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

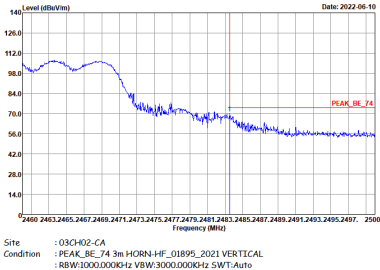
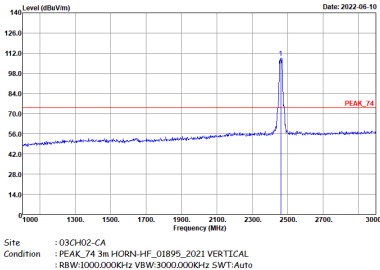
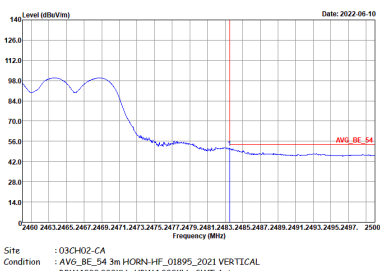
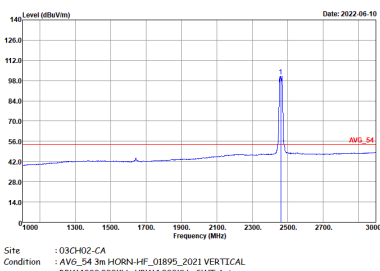


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BI_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left Blank

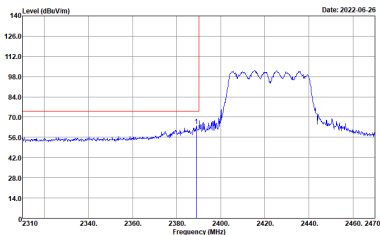
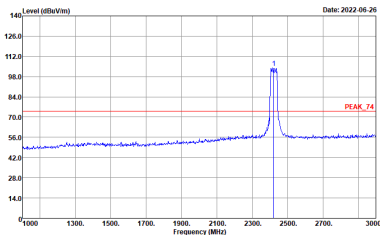
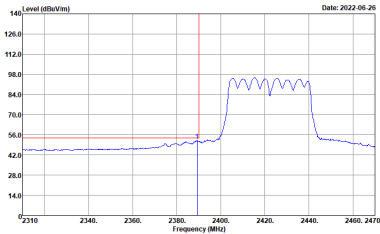
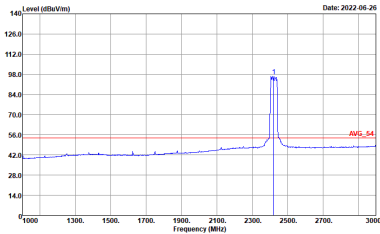


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

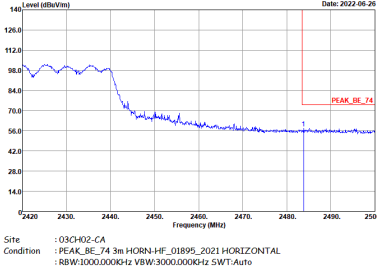
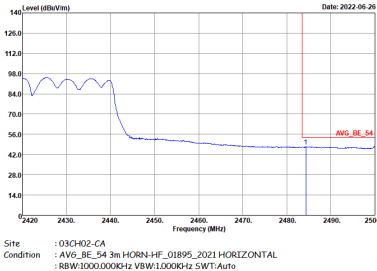


WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BI_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

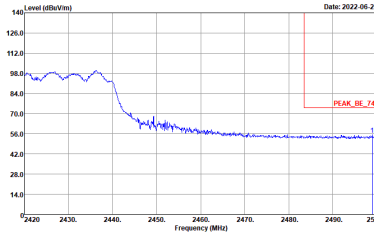
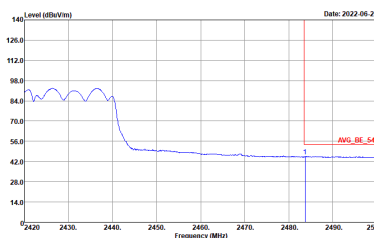
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

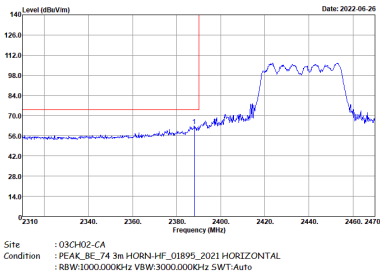
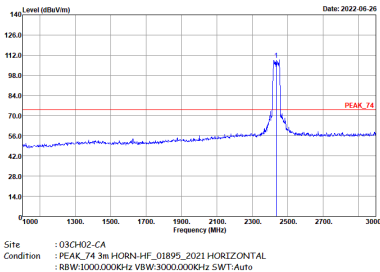
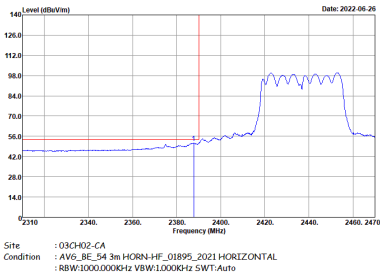
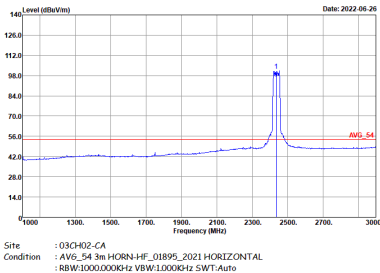


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak		Left Blank
Avg.		Left Blank

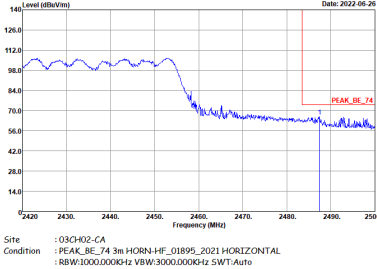
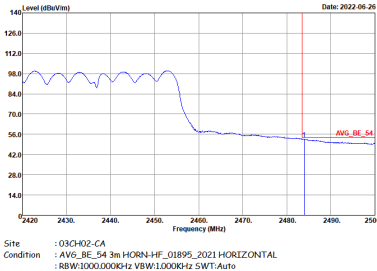


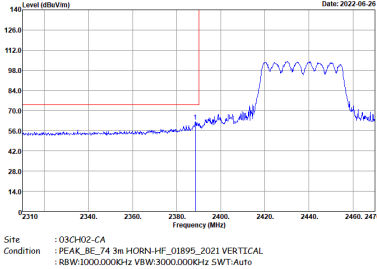
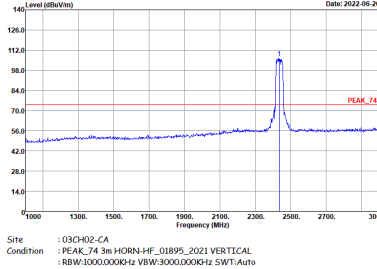
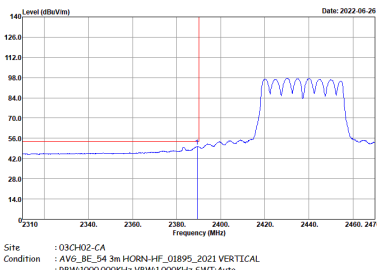
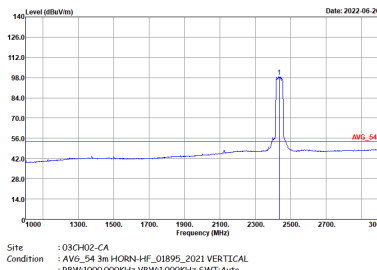
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - 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	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

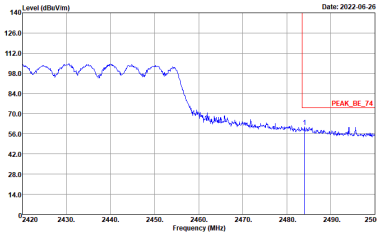
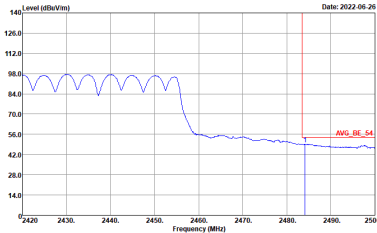
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

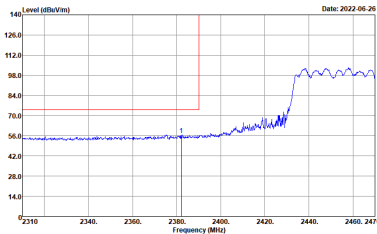
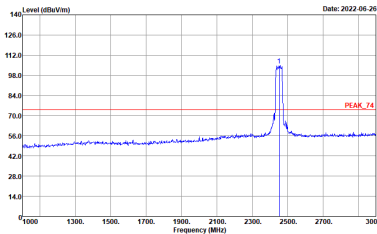
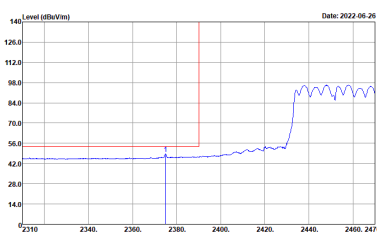
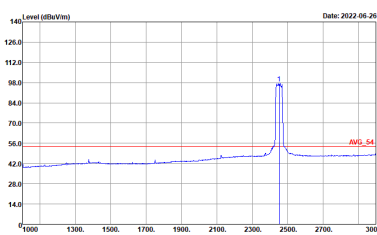


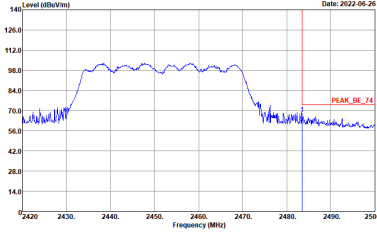
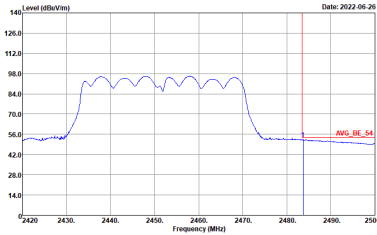
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

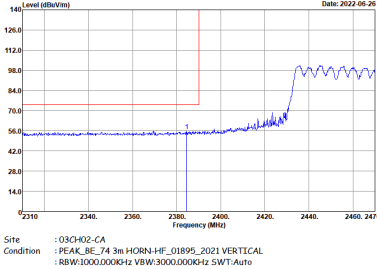
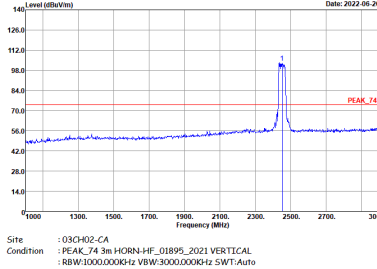
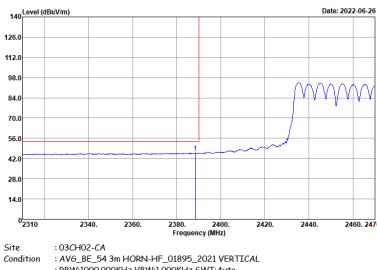
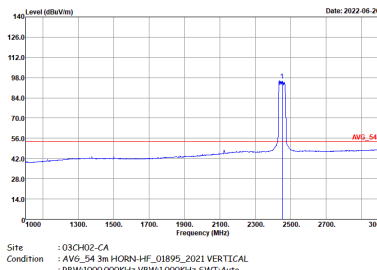
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

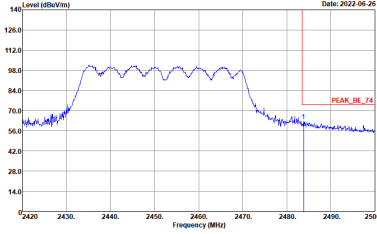
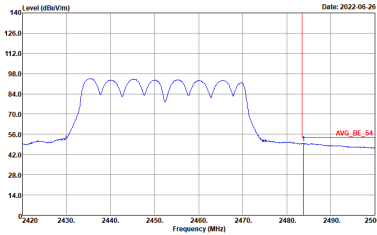


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

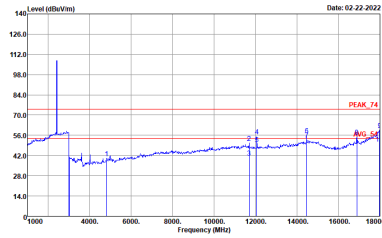
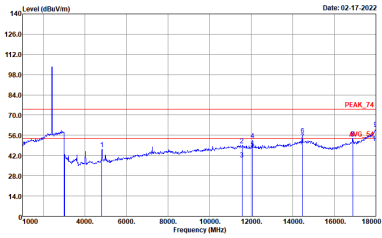
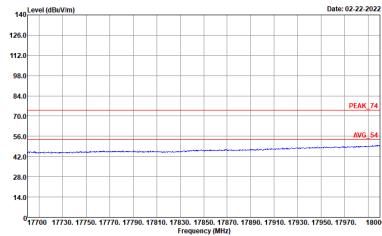
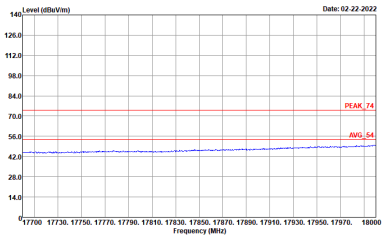
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - 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	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 HORIZONTAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - 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	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH02-CA Condition : AVG_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto

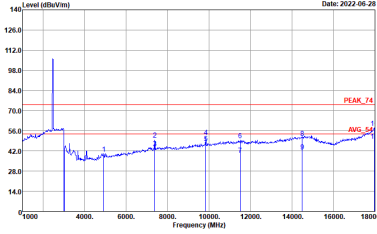
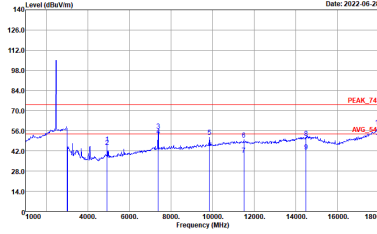
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH02-CA Condition : PEAK_BE_74 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH02-CA Condition : AVG_BE_54 3m HORN-HF_01895_2021 VERTICAL RBW:1000.000KHz VBW:1000KHz SWT:Auto	Left blank

2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak
	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak
Avg.		



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-06-28 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	Level (dBuV/m) Date: 2022-06-28 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

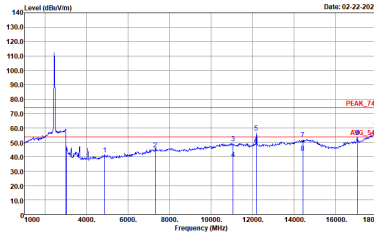
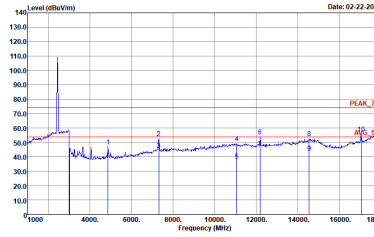
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

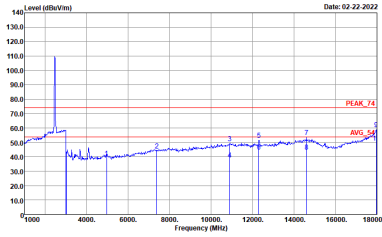
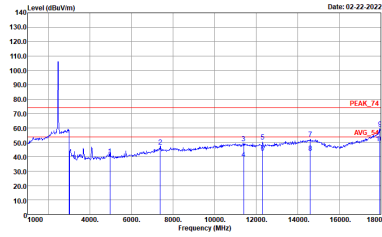


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

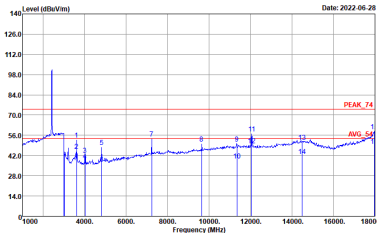
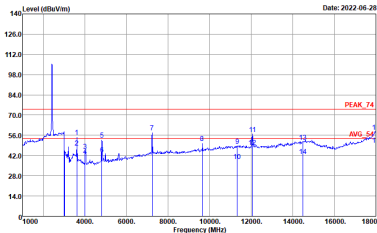
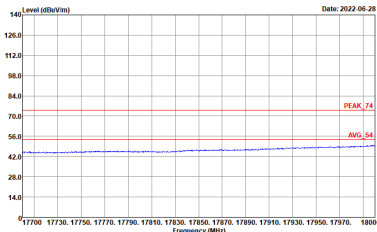
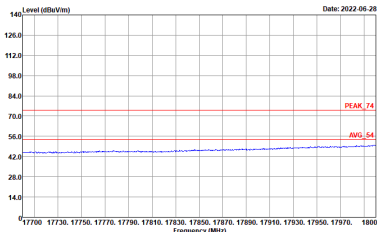
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Vertical
Peak	Horizontal Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) from 1700 to 1800 MHz. The plot shows a peak at 2412 MHz. The Y-axis ranges from 10.0 to 140.0 dBuV/m. The X-axis ranges from 1700 to 1800 MHz. The plot is labeled 'PEAK_74' and 'AVG_54'. The date is 02-22-2022. Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	Vertical Peak Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) from 1700 to 1800 MHz. The plot shows a peak at 2412 MHz. The Y-axis ranges from 10.0 to 140.0 dBuV/m. The X-axis ranges from 1700 to 1800 MHz. The plot is labeled 'PEAK_74' and 'AVG_54'. The date is 02-22-2022. Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak
Avg.	Horizontal Avg. Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) from 1700 to 1800 MHz. The plot shows a peak at 2412 MHz. The Y-axis ranges from 14.0 to 140.0 dBuV/m. The X-axis ranges from 1700 to 1800 MHz. The plot is labeled 'PEAK_74' and 'AVG_54'. The date is 02-22-2022. Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	Vertical Avg. Spectrum Plot showing Level (dBuV/m) vs Frequency (MHz) from 1700 to 1800 MHz. The plot shows a peak at 2412 MHz. The Y-axis ranges from 14.0 to 140.0 dBuV/m. The X-axis ranges from 1700 to 1800 MHz. The plot is labeled 'PEAK_74' and 'AVG_54'. The date is 02-22-2022. Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL

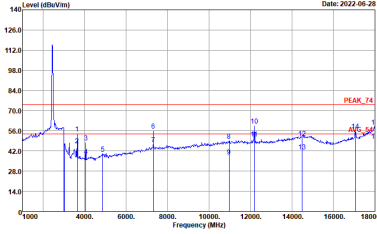
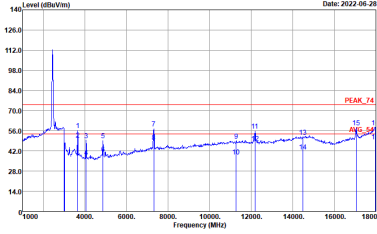
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

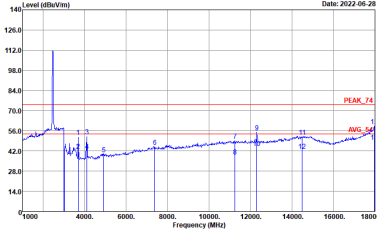
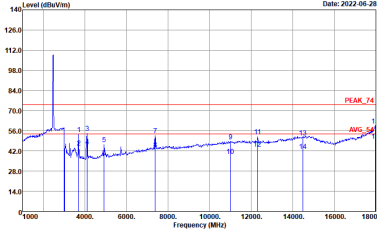


2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

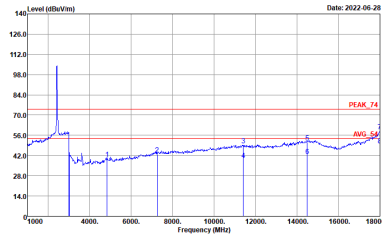
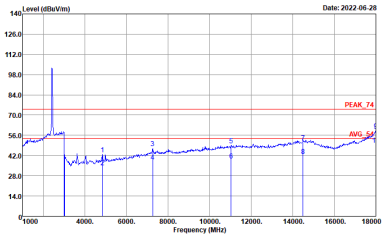
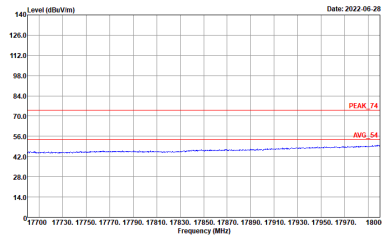
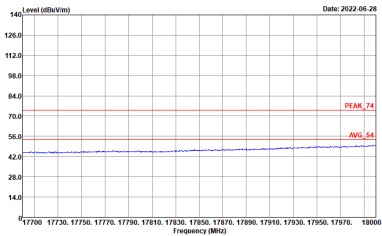
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak
Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL

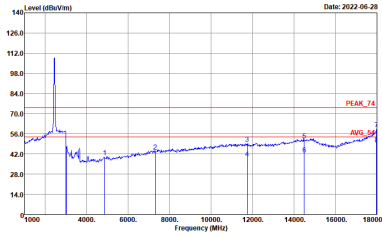
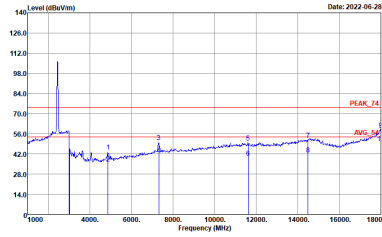
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

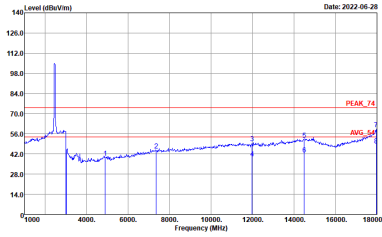
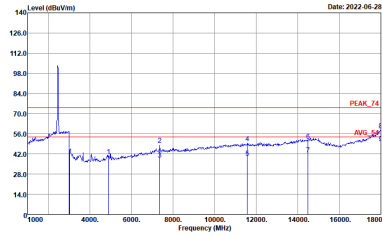


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

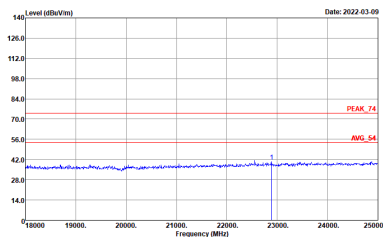
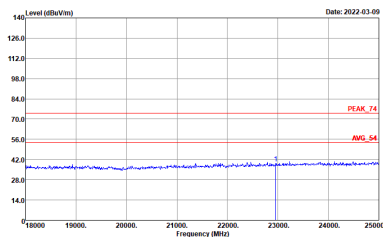
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak
	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak

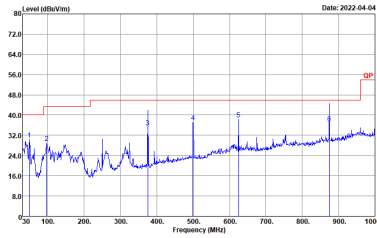
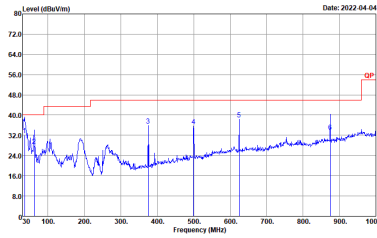
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 3m HORN-HF_01895_2021 VERTICAL Detector : Peak



Emission above 18GHz
2.4GHz WIFI 802.11n HT20 (SHF @ 1m)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 SHF	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH02-CA Condition : PEAK_74 1m SHF_HORN_00842_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : PEAK_74 1m SHF_HORN_00842_2021 VERTICAL Detector : Peak

Emission below 1GHz
2.4GHz WIFI 802.11n HT20 (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH02-CA Condition : QP 5m BIL06_54683_2021 HORIZONTAL Detector : Peak	 Site : 03CH02-CA Condition : QP 5m BIL06_54683_2021 VERTICAL Detector : Peak



Appendix C. Duty Cycle Plots

<Sample 1>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1+2	802.11b	90.53	2237	0.45	1kHz
1+2	802.11g	40.63	2080	0.48	1kHz
1+2	2.4GHz 802.11n HT20	90.28	1300	0.77	1kHz
1+2	2.4GHz 802.11n HT40	90.97	1410	0.71	1kHz

MIMO <Ant. 1+2>





<Sample 2>

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
1+2	802.11b	90.53	2237	0.45	1kHz
1+2	802.11g	39.26	2055	0.49	1kHz
1+2	2.4GHz 802.11n HT20	90.28	1300	0.77	1kHz
1+2	2.4GHz 802.11n HT40	90.65	1405	0.71	1kHz

MIMO <Ant. 1+2>

