FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

Amino Communications Ltd.

STB

Model No.: H200W; H200zzzzzzzz
(zzzzzzzz can be combination of A-Z,a-z,0-9,“-”,“/”,“blank”for marketing purpose)

FCC ID: XVG500107APBT

amino

Prepared for : Amino Communications Ltd.
1010 Cambourne Business Park Cambourne, Cambridge CB23 6DP

Prepared By : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Kefeng Road, Science & Technology Park,
Nanshan District , Shenzhen, Guangdong, China

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Report Number	:	ACS-F24159
Date of Test	:	Jul.09~Nov.15, 2024
Date of Report	:	Oct.10, 2024

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TEST REPORT

Applicant	:	Amino Communications Ltd.
Manufacturer	:	Amino Communications Ltd.
Product	:	STB
FCC ID	:	XVG500107APBT
(A) Model No.	:	H200W; H200zzzzzzzz (zzzzzzzz can be combination of A-Z,a-z,0-9,"-","/","blank"for marketing purpose)
(B) Brand	:	amino
(C) Test Voltage	:	DC 12V Adapter Input AC 120V/60Hz

Tested for comply with:
FCC CFR 47 Part 15 Subpart C

Test procedure used:
ANSI C63.10: 2020
KDB 558074 D01v05

The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to confirm comply with all the FCC Part 15 Subpart C requirements. The test results are contained in this test report and Audix Technology (Shenzhen) Co., Ltd. is assumed full responsibility for the accuracy and completeness of these tests. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC and IC requirements. This report contains data that are not covered by the NVLAP accreditation.

This Report is made under FCC Part 2.1075. No modifications were required during testing to bring this product into compliance.

This report applies to single evaluation of one sample of above mentioned product and shall not be reproduced in part without written approval of Audix Technology (Shenzhen) Co., Ltd.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U. S. Government.

Date of Test : Jul.09~Nov.15, 2024 Date of Report: Oct.10, 2024

Prepared by : Crush Liu
Crush Liu / Assistant

Reviewed by : Thomas Chen
Thomas Chen / Assistant Manager

AUDIX® 信華科技（深圳）有限公司
Audix Technology (Shenzhen) Co., Ltd.
EMC 部門報告專用章
Stamp only for EMC Dept. Report

Approved & Authorized Signer : Signature:
Sunny Liu / Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1.Description of Standards and Results

The EUT has been tested according to the applicable standards as referenced below.

EMISSION		
Description of Test Item	**Standard**	**Results**
Power Line Conducted Emission	FCC Part 15: 15.207	PASS
Radiated Emission	FCC Part 15: 15.209 FCC Part 15: 15.205	PASS
Band Edge Compliance	FCC Part 15: 15.247(d)	PASS
Conducted spurious emissions	FCC Part 15: 15.247(d)	PASS
6dB Bandwidth	FCC Part 15: 15.247(a)(2)	PASS
Peak Output Power	FCC Part 15: 15.247(b)(3)	PASS
Power Spectral Density	FCC Part 15: 15.247(e)	PASS
Antenna requirement	FCC Part 15: 15.203	PASS

Note 1: Measurement uncertainty affection to the result is not considered, the EUT is technically compliant with standard requirements.

Note 2: This device support MIMO & SISO, after evaluated output power, we found that MIMO power is larger than SISO, so the other test items are reported with MIMO mode.

2. GENERAL INFORMATION

2.1.Description of Equipment Under Test

Applicant	Amino Communications Ltd.
Applicant Address	1010 Cambourne Business Park Cambourne, Cambridge CB23 6DP
Manufacturer	Amino Communications Ltd.
Manufacturer Address	1010 Cambourne Business Park Cambourne, Cambridge CB23 6DP
Product	STB
Model No.	H200W; H200zzzzzzzz (zzzzzzzz can be combination of A-Z,a-z,0-9,“-”,“/”,“blank”for marketing purpose)
Test Model	H200W
Brand	amino
FCC ID	XVG500107APBT
Sample Type	Prototype production
Date of Receipt	Jun.24, 2024
Date of Test	Jul.09~Nov.15, 2024
Remark: This report only for WIFI 2.4GHz.	

2.2.Feature of Equipment Under Test

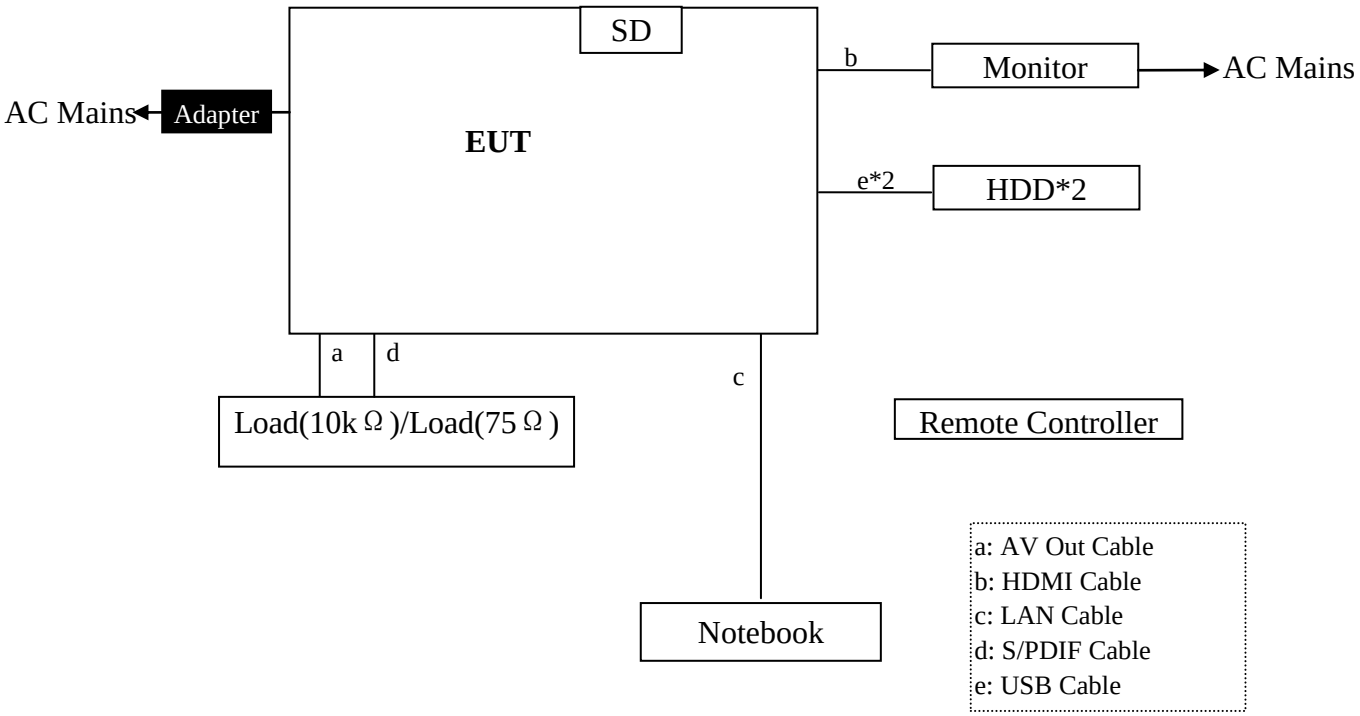
Product Feature & Specification		
Product	STB	
Model No.	H200W	
Power Source	☒ Commercial Power	AC 100-240V,50/60Hz ,0.5A
	☒ External Power Source	DC 12V 1A
	☐ Lithium battery	DC V, mAh
	☐ UM battery	DC V
Bluetooth		
Radio	BDR +EDR; BLE	
Frequency Range	2402-2480MHz	
Type of Modulation	GFSK, π/4DQPSK, 8DPSK	
Data Rate	1Mbps, 2Mbps, 3Mbps	
Quantity of Channels	79/40	
Channel Separation	1MHz/2MHz	
2.4GHz Wi-Fi		
Support Modes	802.11b/g/n20/ax20	
Frequency Range	2412-2462MHz	
Type of Modulation	802.11b(DSSS): CCK, QPSK, BPSK; 802.11g/n(OFDM): 64QAM,16QAM, QPSK, BPSK 802.11ax(OFDM): 64QAM,16QAM, QPSK, BPSK, 1024QAM	
Data Rate	802.11b: 1/2/5.5/11 Mbps; 802.11g: 6/9/12/18/24/36/48/54 Mbps; 802.11n: up to 300Mbps 802.11ax: up to 574Mbps	
Channel Separation	5MHz	
5GHz Wi-Fi		
Support Modes	802.11a/n20/n40/ac20/ac40/ac80 /ax20/ax40/ax80	
Frequency Range	5180-5240MHz, 5500-5700MHz, 5260-5320MHz, 5745-5825MHz	
Type of Modulation	802.11a/n (OFDM): QPSK, BPSK, 16QAM, 64QAM 802.11ac (OFDM): QPSK, BPSK, 16QAM, 64QAM,256QAM 802.11ax (OFDM): QPSK, BPSK, 16QAM, 64QAM,256QAM, 1024QAM	
Data Rate	802.11a: 6/9/12/18/24/36/48/54 Mbps; 802.11n: up to 300Mbps; 802.11ac: up to 867Mbps; 802.11ax: up to 1201Mbps	
Channel Separation	5MHz	
Antenna System		
Type of Antenna	Dipole Antenna	
Antenna Number	2 (ANT0 and ANT1)	
Operation Modes	SISO and MIMO mode supported(11a & 11g supports SISO mode only)	
Antenna Peak Gain	Bluetooth Peak Gain: 3dBi. WIFI 2.4G Band Peak Gain: Ant0:3dBi; Ant1:3.3dBi U-NII-1 Band Peak Gain: Ant0:3.1dBi; Ant1:2.8dBi U-NII-2A Band Peak Gain: Ant0:3.2dBi; Ant1:3.2dBi U-NII-2CBand Peak Gain: Ant0:3.4dBi; Ant1:3.4dBi U-NII-3 Band Peak Gain: Ant0:3dBi; Ant1:3dBi	

2.3.Tested Supporting System Details

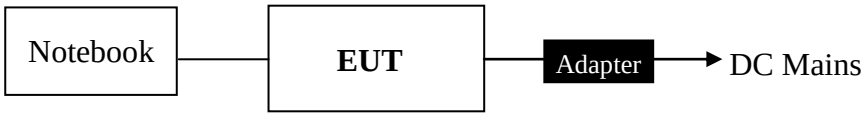
No.	Description	ACS No.	Manufacturer	Model	Serial Number
1.	Monitor	---	BenQ	EW3270-T	---
		Power Cord: Unshielded, Detachable, 1.8m			
2.	---	AV Cable: Unshielded, Detachable, 1.5m			
3.	---	S/PDIF Cable: Unshielded, Detachable, 1.5m			
4.	SD Card: aigo / 2G				
5.	Notebook	N/A	ACER	ZOW	N/A
		Power Cord(3C): Unshielded, Detachabled, 1.8m Power Adapter: Manufacturer: Lite-On, M/N: PA-1900-32 Data Cable: Shielded, Undetectable, 4.0m(Bond one ferrite core)			
6.	HDD#1	ACS-EMC-HDD42	WD	WD Elements	WXA1A7396898
		Data Cable: Shielded, Detachable, 0.4m			
7.	HDD#2	ACS-EMC-HDD43	WD	WD Elements	WX31E63TU717
		Data Cable: Shielded, Detachable, 0.4m			

2.4.Block diagram of connection between the EUT and simulators

for power line conducted emission and radiated emission test:



for the other test items:



(EUT: STB)

2.5.Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	1# Shielding Room(SE)	AUDIX	N/A	N/A	Nov.09,22	3 Year
2.	3m Chamber(NSA)	AUDIX	N/A	N/A	Aug.11,22	3Year
3.	3m Chamber(SE)	AUDIX	N/A	N/A	Sep.16,22	3 Year
4.	EMI Test Receiver	Rohde & Schwarz	ESCI	100842	Mar.16,24	1 Year
5.	EMI Test Receiver	Rohde & Schwarz	ESR3	101931	Mar.17,24	1 Year
6.	L.I.S.N.#1	Rohde & Schwarz	ENV216	102160	Jun.19,24	1 Year
7.	RF Cable	Eastsheep	RG223	190424	Sep.15,23	1Year
8.	RF Cable	Eastsheep	RG223	190424	Sep.12,24	1Year
9.	Coaxial Switch	Anritsu	MP59B	6201397223	Mar.17,24	1 Year
10.	NSA Cable	HUBER+SUHNER	CFD400NL-LW	No.3+190411	Sep.20,23	1 Year
11.	NSA Cable	HUBER+SUHNER	CFD400NL-LW	No.3+190411	Sep.13,24	1 Year
12.	RF Cable	TIMES MICROWAVE	SFT205-NMSM-10.00M	689241	Aug.25,23	1 Year
13.	RF Cable	TIMES MICROWAVE	SFT205-NMSM-10.00M	689241	Aug.13,24	1 Year
14.	RF Cable	HUBER+SUHNER	SUCOFLEX-106	190423	Mar.16,24	1 Year
15.	Signal Analyzer	Rohde & Schwarz	FSV40	101608	Nov.07,23	1 Year
16.	Signal Analyzer	Rohde & Schwarz	FSV30	104050	Mar.17,24	1 Year
17.	Tri-log-Broadband Antenna	SCHWARZBECK	VULB 9168	429	Oct.10,23	1 Year
18.	Horn Antenna	ETC	MCTD 1209	DRH15F03006	Aug.23,23	1 Year
19.	Horn Antenna	ETC	MCTD 1209	DRH15F03006	Sep.08,24	1 Year
20.	Amplifier	KEYSIGHT	83017A	39500711	Mar.16,24	1 Year
21.	Amplifier	EMCI	EMC0518A45SE	980965	Aug.25,23	1 Year
22.	Amplifier	EMCI	EMC0518A45SE	980965	Aug.13,24	1 Year
23.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Mar.16,24	1 Year
24.	Test Software	AUDIX	e3	6.100913a	N/A	N/A
Note: N/A means Not applicable.						

2.6.Test Information

A special test software (adb) was used to control EUT work in Continuous TX mode(The duty cycle of the test signal is 100%), and select test channel, wireless mode and data rate.

Tested mode, channel, and data rate information			
Mode	data rate (Mbps)(see Note)	Channel	Frequency (MHz)
IEEE 802.11b	1	CH1	2412
	1	CH6	2437
	1	CH11	2462
IEEE 802.11g	6	CH1	2412
	6	CH6	2437
	6	CH11	2462
IEEE 802.11n HT20	MCS0	CH1	2412
	MCS0	CH6	2437
	MCS0	CH11	2462
IEEE 802.11ax HE20	MCS0	CH1	2412
	MCS0	CH6	2437
	MCS0	CH11	2462
Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.			

2.7.Test Facility

Site Description

Name of Firm : Audix Technology (Shenzhen) Co., Ltd.
No. 6, Kefeng Road, Science & Technology Park,
Nanshan District , Shenzhen, Guangdong, China

EMC Lab. : Certificated by ISED, Canada
Company Number: 5183A
CAB identifier: CN0034
Valid Date: Mar.31, 2025

: Accredited by NVLAP, USA
NVLAP Code: 200372-0
Valid Date: Mar.31, 2025

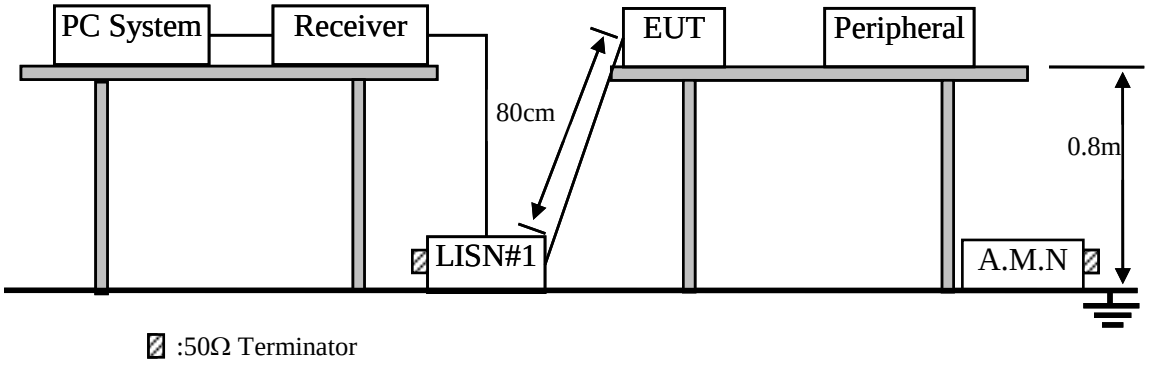
: Certificated by FCC, USA
Designation No: CN5022
Valid Date: Mar.31, 2025

2.8.Measurement Uncertainty (95% confidence levels, k=2)

Test Item	Uncertainty
Uncertainty for Conduction emission test in No. 1 Conduction	±2.6dB(150kHz to 30MHz)
Uncertainty for Radiation Emission test in 3m chamber	±3.8dB(30~200MHz, Polarization: H)
	±3.8dB(30~200MHz, Polarization: V)
	±4.0dB(200M~1GHz, Polarization: H)
	±4.0dB(200M~1GHz, Polarization: V)
Uncertainty for Radiation Emission test in 3m chamber(1GHz-25GHz)	±4.0dB(1~6GHz, Distance: 3m)
	±4.0dB(6~25GHz, Distance: 3m)
Uncertainty for Radiated Spurious Emission test in RF chamber	±3.7dB(30MHz~1000MHz)
	±3.3dB(1~26.5GHz)
Uncertainty for Power density test	±2.0dB
Uncertainty for Output power test	±0.8dB
Uncertainty for Bandwidth test	±83kHz
Uncertainty for DC power test	±1%
Uncertainty for test site temperature and humidity	±0.6℃
	±3%

3. POWER LINE CONDUCTED EMISSION TEST

3.1.Block Diagram of Test Setup



:50Ω Terminator

3.2.Power Line Conducted Emission Test Limits

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.
2. The lower limits shall apply at the transition frequencies.
3. Emission Level (dBμV) = Factor (L.I.S.N.) (dB) + Cable Loss (dB)+Reading (Receiver) (dBμV)

3.3.Configuration of EUT on Test

The following equipment are installed on Power Line Conducted Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

3.3.1. STB (EUT)

Model No. : H200W
Serial No. : N/A

3.3.2. Support Equipment: As Tested Supporting System Details, in Section 2.2.

3.4.Operating Condition of EUT

3.4.1. Setup the EUT as shown as Section 3.1.

3.4.2. Turn on the power of EUT.

3.4.3. PC run test software to control EUT work in Tx mode.

3.5.Test Procedure

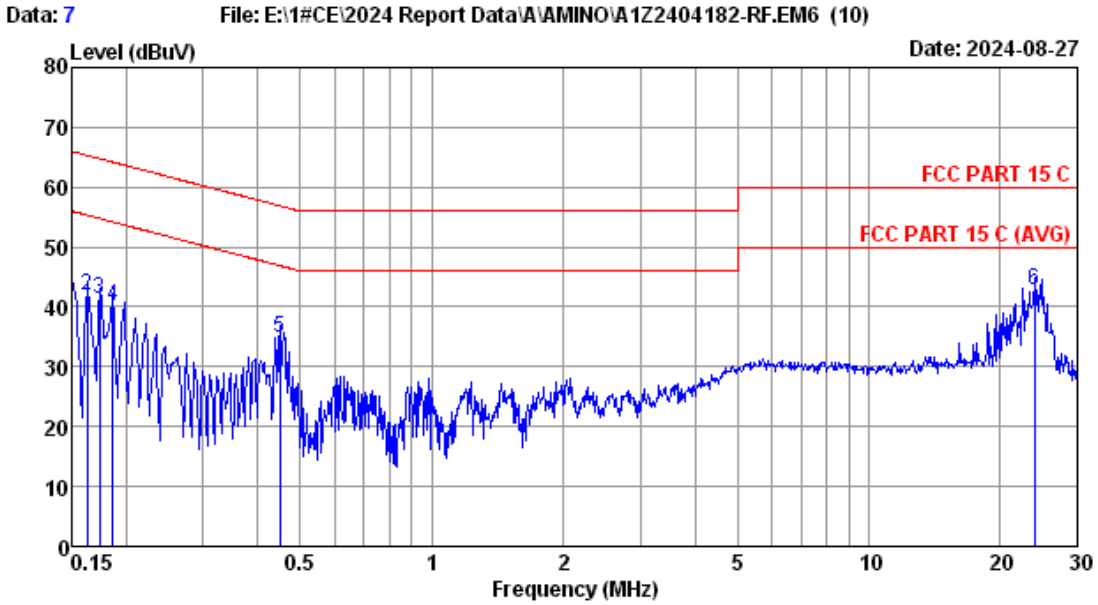
The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power Via Adapter unit connected to the power mains through a line impedance stabilization network (L.I.S.N. #1). This provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs). The AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10 on Conducted Emission Test.

The bandwidth of test receiver (R & S ESCI) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

3.6.Power Line Conducted Emission Test Results

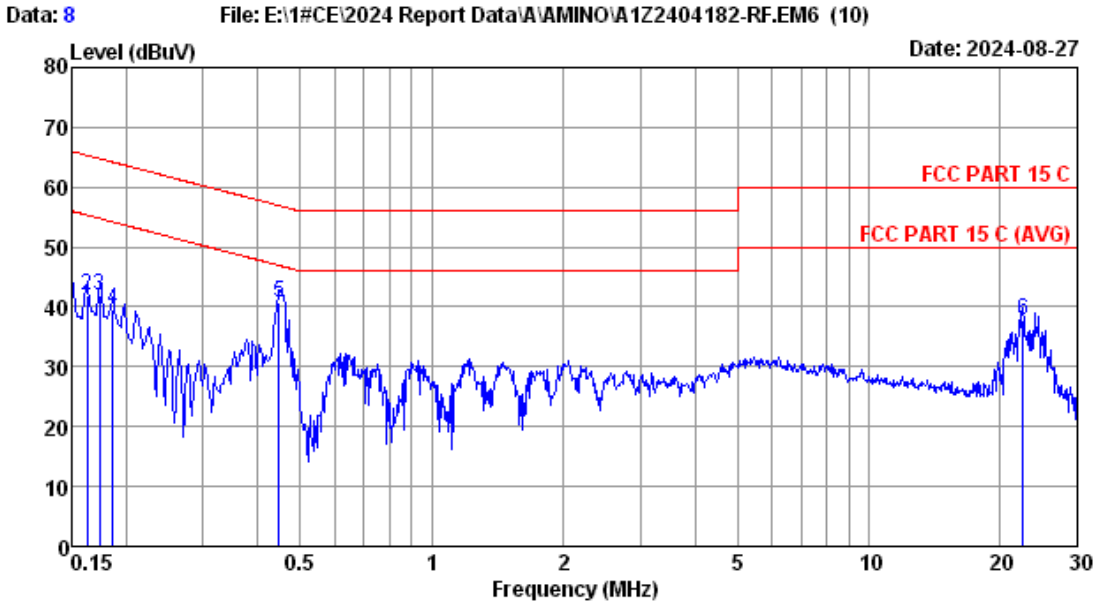
PASS. **(**All emissions not reported below are too low against the prescribed limits.)



Site no :1# CE
Data No :7
Dis./Lisn :2024 ENV216-L
Limit :FCC PART 15 C
Env./Ins. :22.1*C/59%
Engineer :Hongjie
Power Rating :
Test Mode :WIFI2.4G TX Mode

No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.150	9.77	0.01	32.87	42.65	66.00	23.35	QP
2	0.162	9.77	0.01	32.22	42.00	65.34	23.34	QP
3	0.174	9.77	0.01	31.46	41.24	64.77	23.53	QP
4	0.186	9.76	0.01	30.44	40.21	64.20	23.99	QP
5	0.449	9.76	0.02	25.09	34.87	56.89	22.02	QP
6	23.888	9.88	0.14	32.77	42.79	60.00	17.21	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
2.If the average limit is met when using a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.



Site no :1# CE
Data No :8
Dis./Lisn :2024 ENV216-N
Limit :FCC PART 15 C
Env./Ins. :22.1*C/59%
Engineer :Hongjie
Power Rating :
Test Mode :WIFI2.4G TX Mode

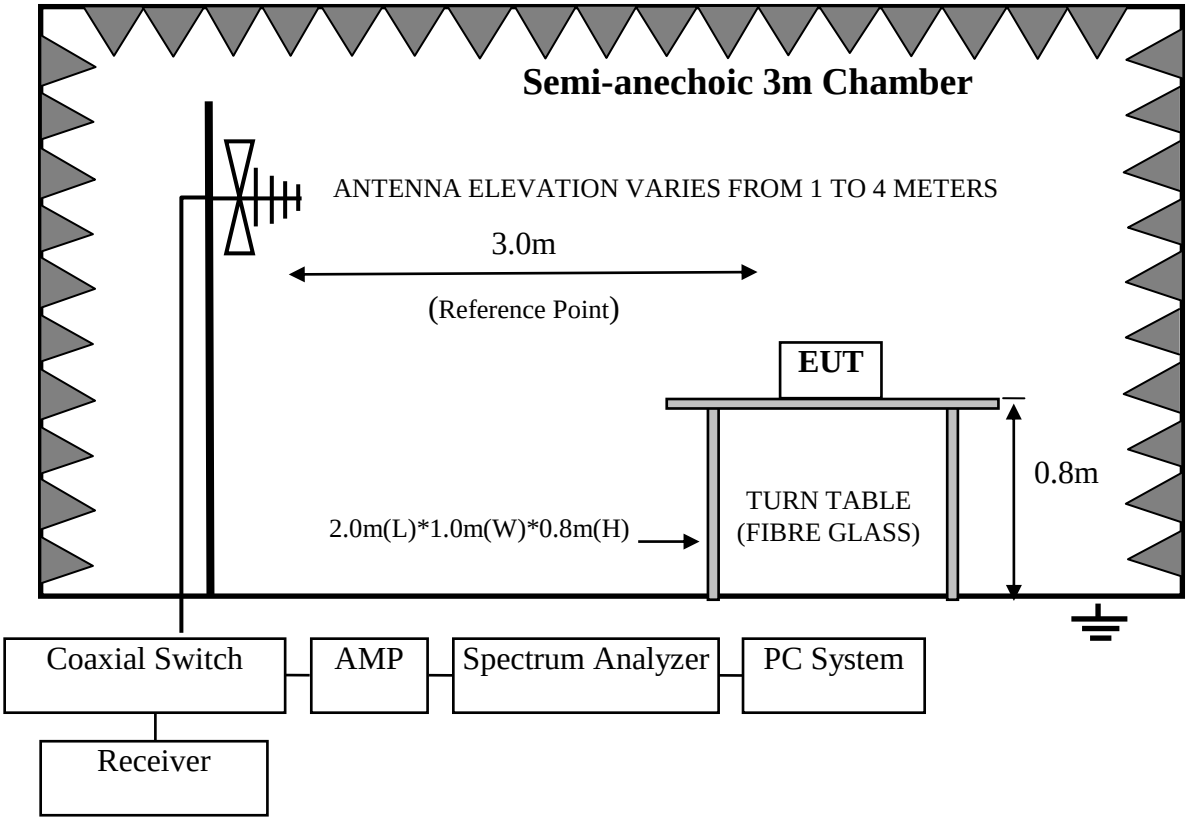
No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.150	9.76	0.01	33.11	42.88	66.00	23.12	QP
2	0.162	9.76	0.01	32.10	41.87	65.34	23.47	QP
3	0.174	9.77	0.01	32.18	41.96	64.77	22.81	QP
4	0.186	9.77	0.01	29.90	39.68	64.20	24.52	QP
5	0.447	9.78	0.02	31.05	40.85	56.93	16.08	QP
6	22.535	9.91	0.13	27.84	37.88	60.00	22.12	QP

Remarks: 1.Emission Level=LISN Factor+Cable Loss+Reading.
2.If the average limit is met when using a quasi-peak detector.
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

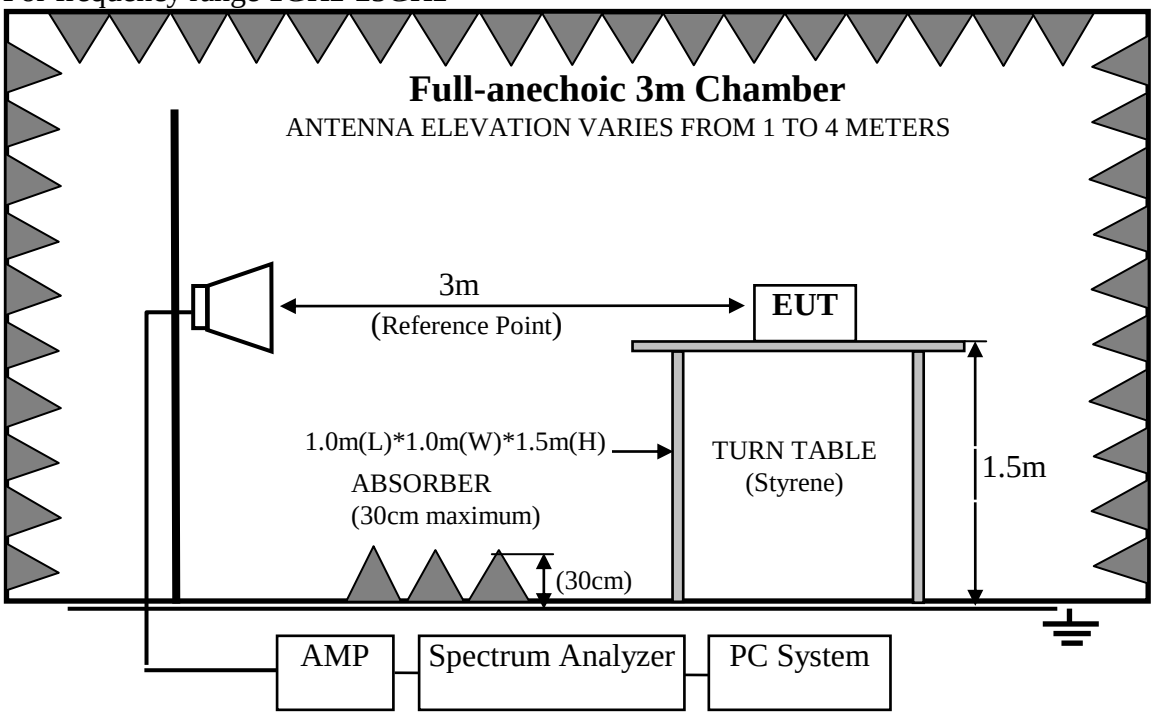
4. RADIATED EMISSION TEST

4.1.Block Diagram of Test Setup

For frequency range 30MHz-1000MHz



For frequency range 1GHz-25GHz



4.2.Radiated Emission Limits

4.2.1. 15.247&209 limits

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Remark： (1) Emission Level (dBμV/m) = Reading (Receiver) (dBμV) + Antenna Factor (dB/m) + Cable Loss (dB)
Emission Level (dBμV/m) = Reading (Spectrum) (dBμV) + Antenna Factor (dB/m) – Amp Factor (dB) + Cable Loss (dB)(above 1000MHz)
(2) The smaller limit shall apply at the cross point between two frequency bands.
(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

4.2.2. 15.205 Restricted bands of operation

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
[1]0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	([2])

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

4.3.EUT Configuration on Test

The following equipment are installed on Radiated Emission Test to meet the commission requirement and operating regulations in a manner which tends to maximize its emission characteristics in a normal application.

4.3.1. STB (EUT)

Model No. : H200W
Serial No. : N/A

4.3.2. Support Equipment: As Tested Supporting System Details, in Section 2.3.

4.4.Operating Condition of EUT

4.4.1. Setup the EUT and simulator as shown as Section 4.1.

4.4.2. Turn on the power of all equipments.

4.4.3. Let EUT work in Tx(WiFi 2.4GHz) mode

4.5.Test Procedure

Frequency below 30MHz:
The EUT setup on the turn table which has 0.8 m height to the ground. The turn table rotated 360 degrees and antenna fixed to 1 m to find the maximum emission level. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10 regulation.

EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground for frequency 30MHz~1000MHz, 1.5 meter high above ground for frequency above 1GHz and put the absorbing with 2.4m(L)*2.4m(W)*0.3m(H) on the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it.EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna for frequency 30MHz~1000MHz, and the Horm antenna is used as receiving antenna for frequency above 1GHz. Both horizontal and vertical polarization of the antenna are set on test.

This test was performed with EUT in X, Y, Z position, and the worse case was found when EUT in X position as test photo indicated.

The bandwidth of the EMI test receiver (R&S ESR7) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 3MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

The frequency range from 30MHz to 10^{th} harmonic (25GHz) are checked. and no any emissions were found from 18GHz to 25GHz, So the radiated emissions from 18GHz to 25GHz were not record.

4.6.Radiated Emission Test Results

PASS.

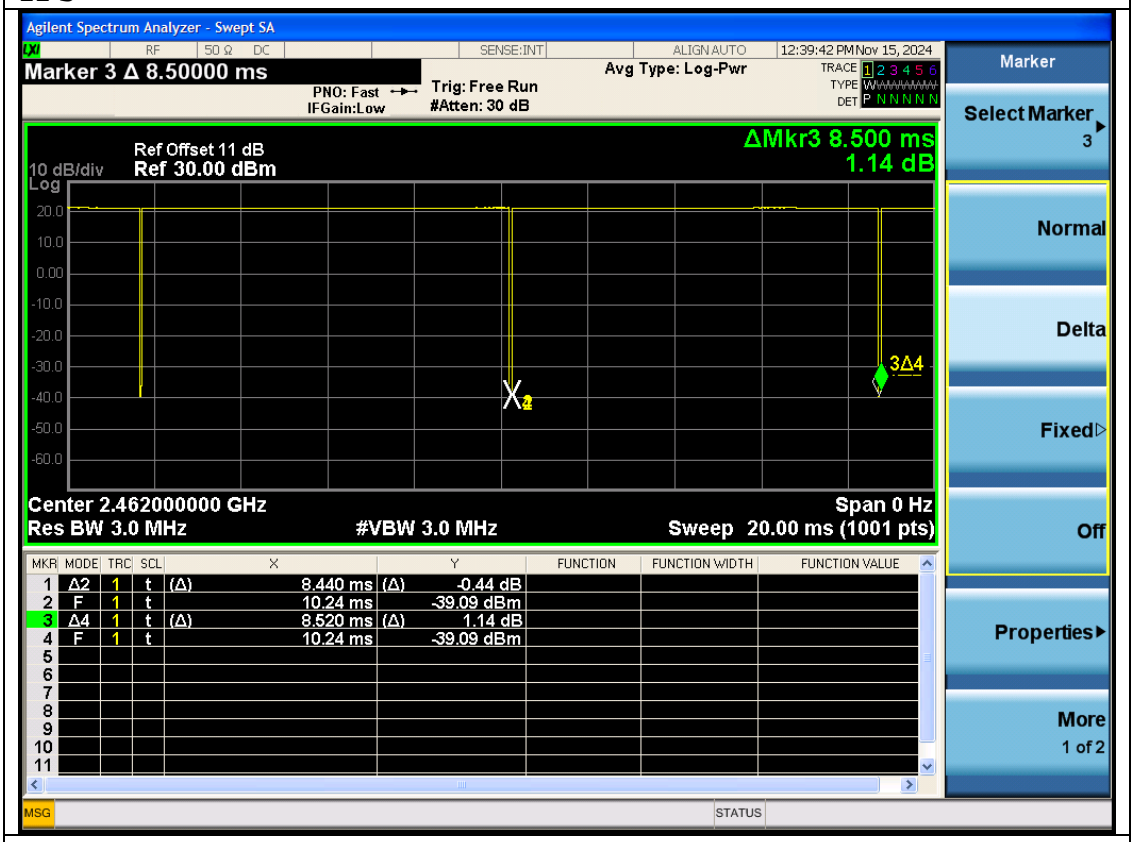
All the emissions from 30MHz to 25 GHz were comply with 15.209 limits.

Note 1: For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.
Note 2: The emissions (9kHz~30MHz) not reported for there is no emission be found.

Duty cycle

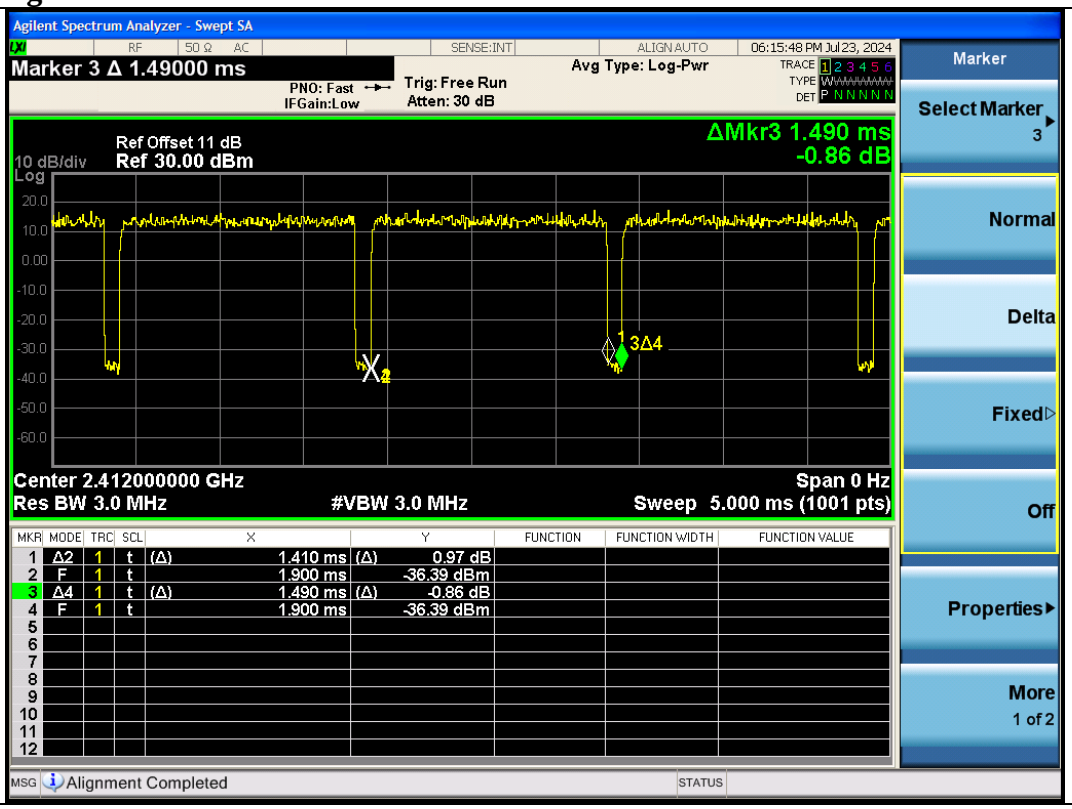
ant 0

11 b



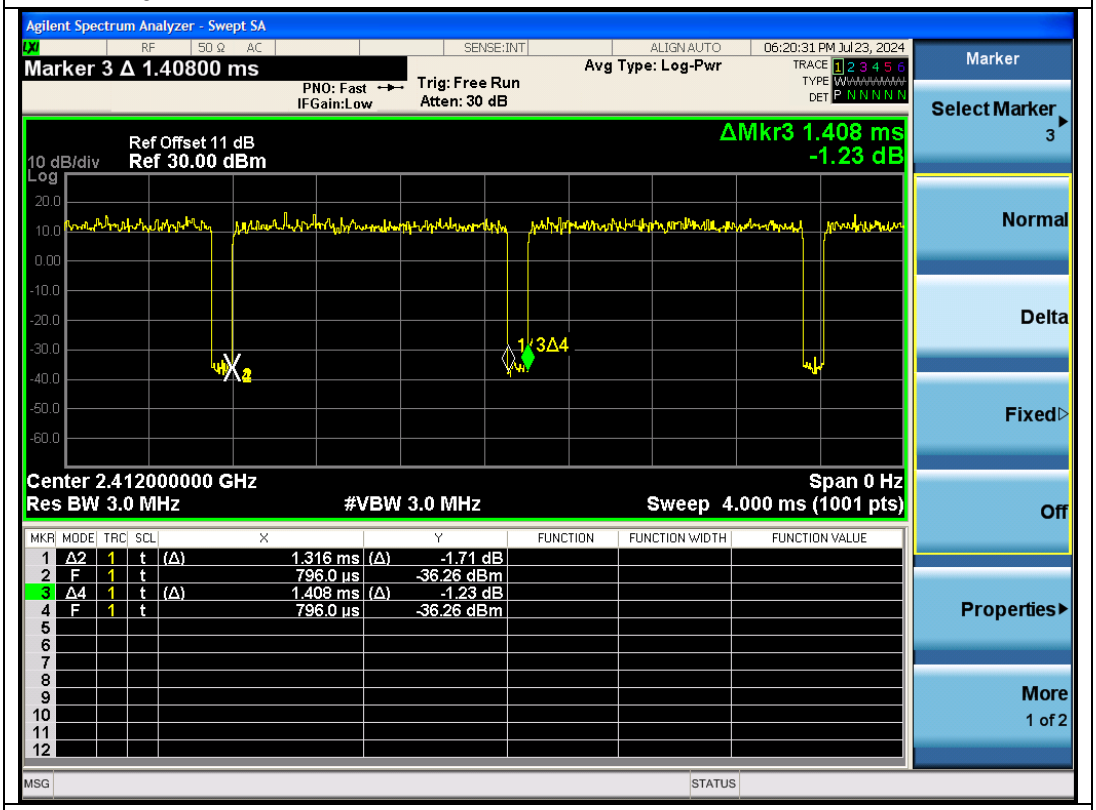
Note: The duty cycle=△2 ÷△4 = 0.991.

11 g



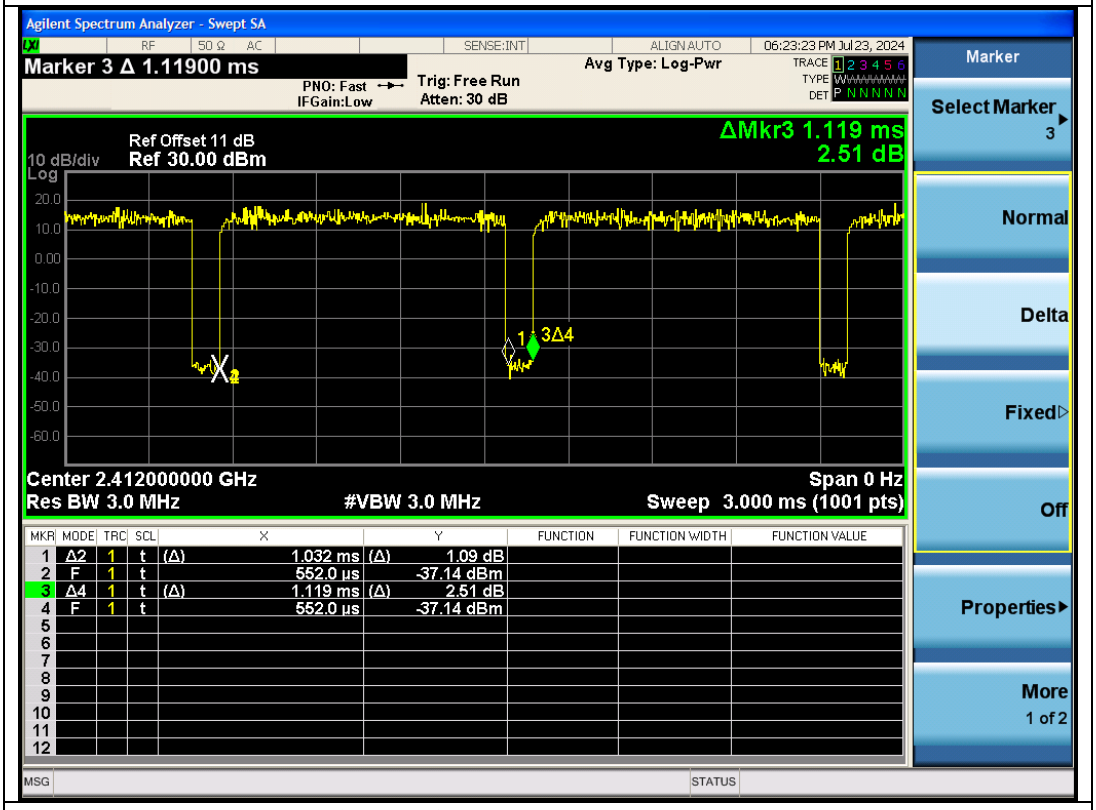
Note: The duty cycle =△2 ÷△4 = 0.946.

11n HT20



Note: The duty cycle =△2 ÷△4 = 0.935.

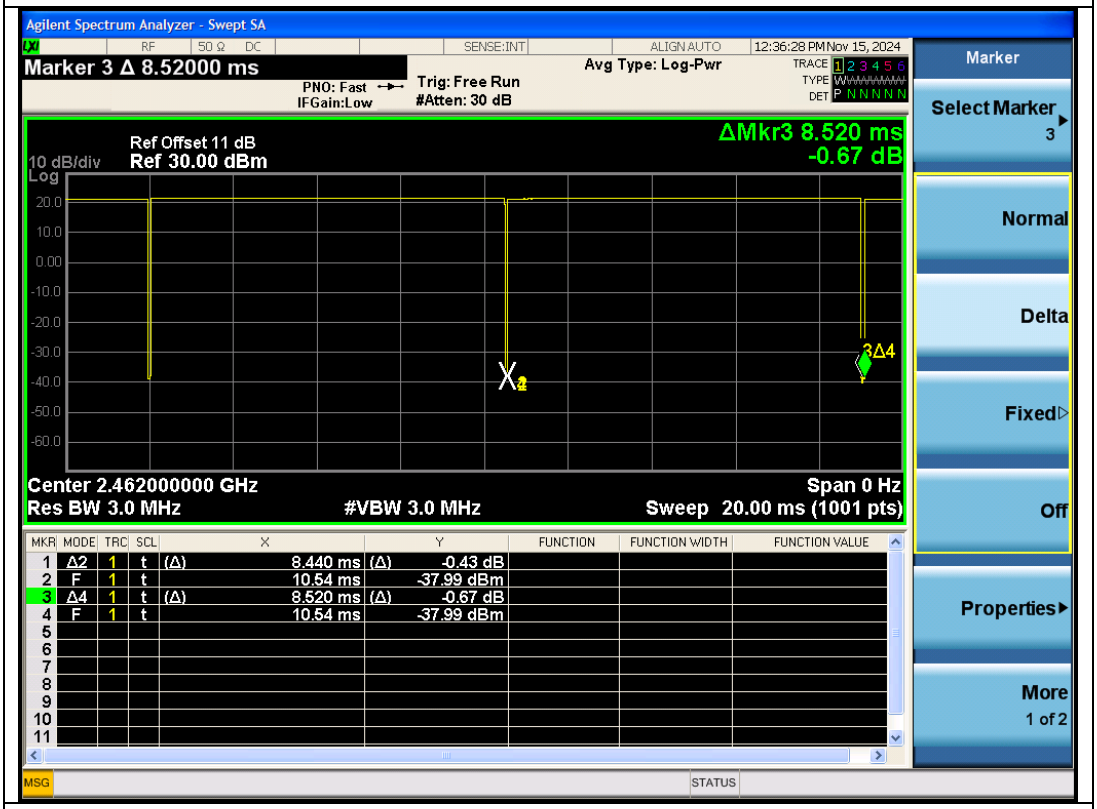
11ax HE20



Note: The duty cycle =△2 ÷△4 = 0.922.

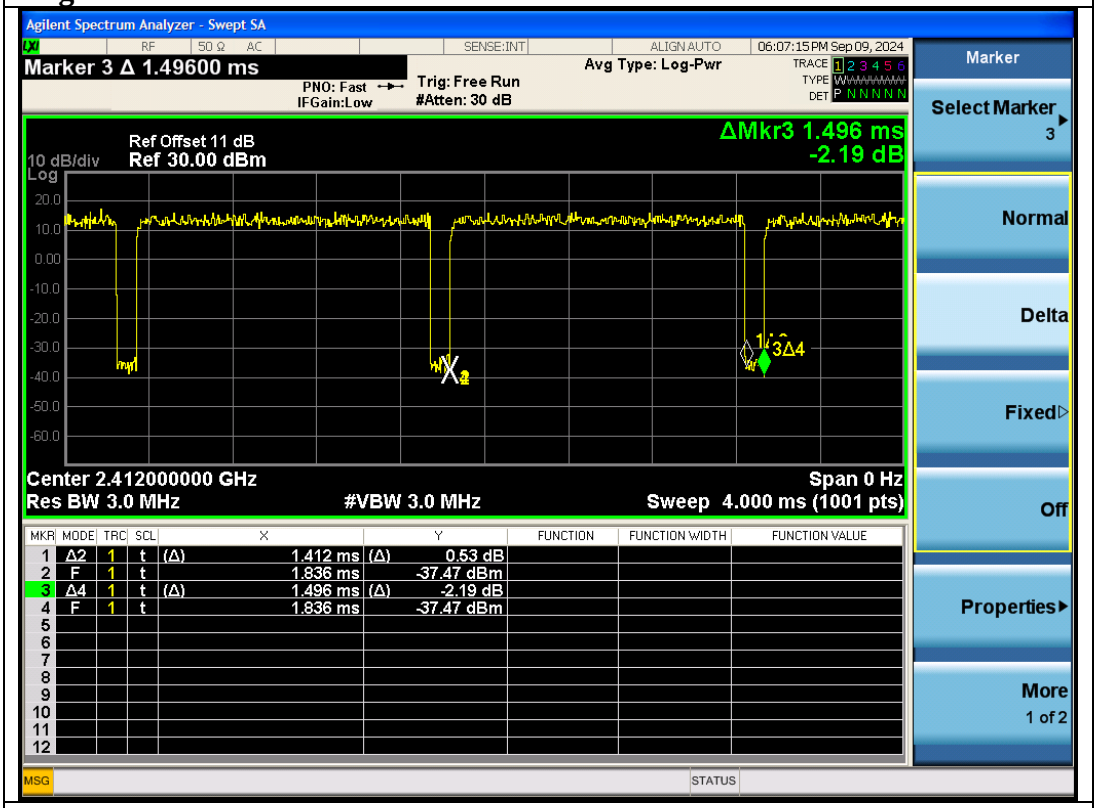
ant 1

11 b



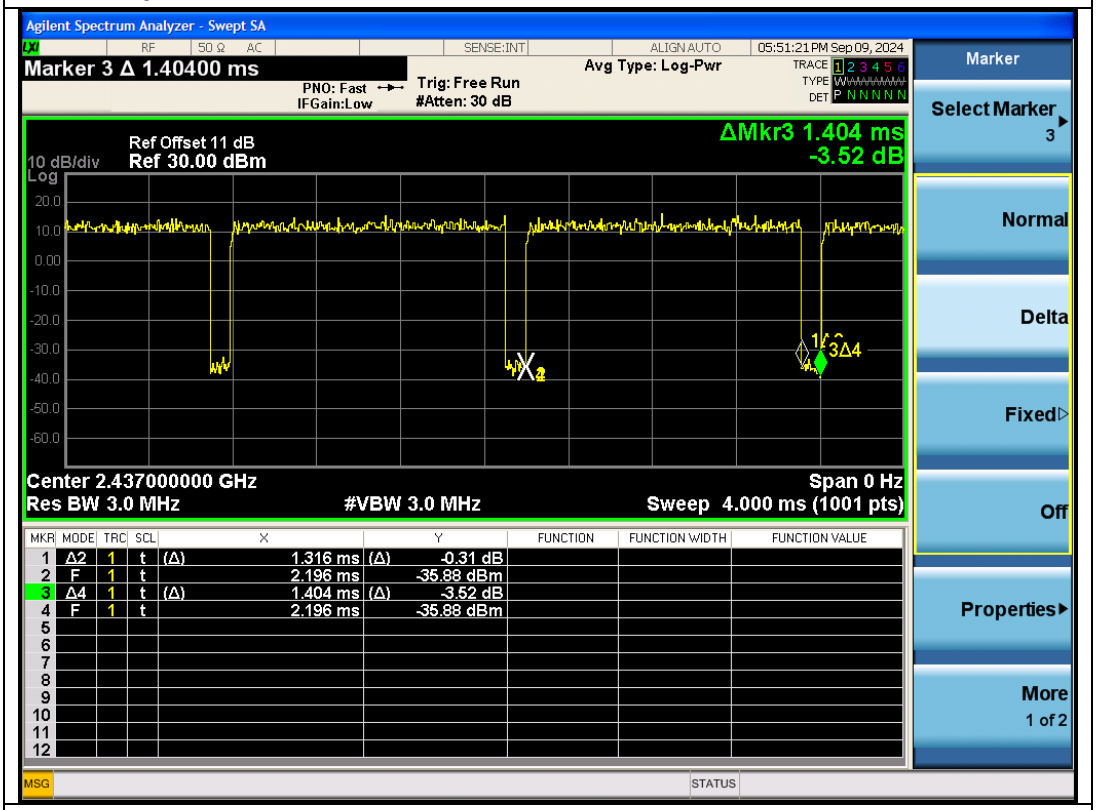
Note: The duty cycle =△2 ÷△4 = 0.991.

11 g



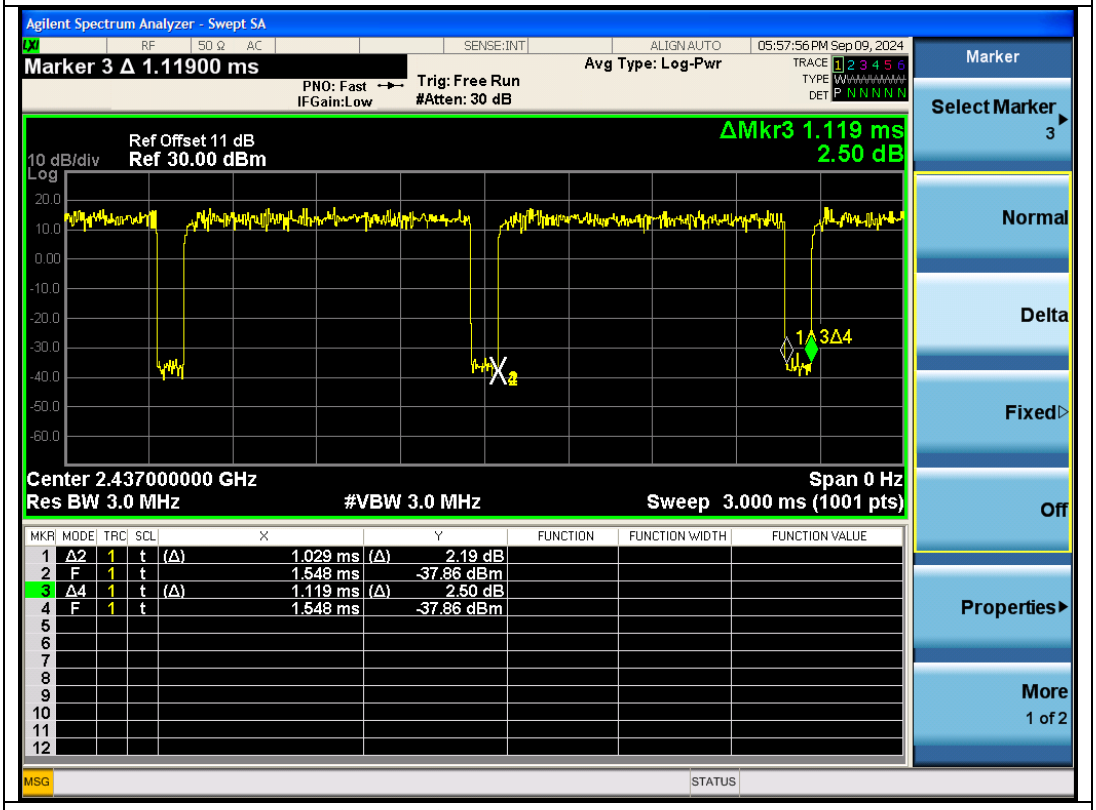
Note: The duty cycle =△2 ÷△4 = 0.943.

11n HT20



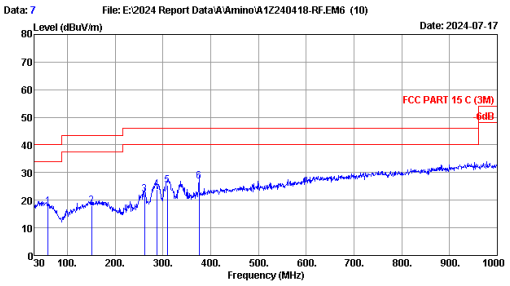
Note: The duty cycle =△2 ÷△4 = 0.937.

11ax HE20



Note: The duty cycle =△2 ÷△4 = 0.919.

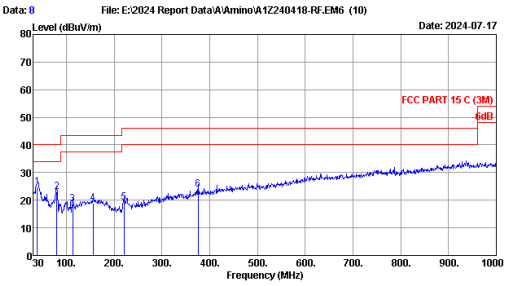
Frequency: 30MHz~1GHz



Site no. : 3m Chamber Data no. : 7
Dis. / Ant. : 3m 2023 VULB 9168-429 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 26.8*C/57% Engineer : Abel
EUT :
Power rating : AC 120V/60Hz
Test Mode : WIFI2.4G TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	59.100	19.30	0.69	-2.23	17.76	40.00	22.24	QP
2	150.280	19.40	1.02	-2.41	18.01	43.50	25.49	QP
3	261.830	18.11	1.35	2.67	22.13	46.00	23.87	QP
4	287.050	19.14	1.40	3.49	24.03	46.00	21.97	QP
5	309.360	19.67	1.44	4.32	25.43	46.00	20.57	QP
6	375.320	21.21	1.58	4.11	26.90	46.00	19.10	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

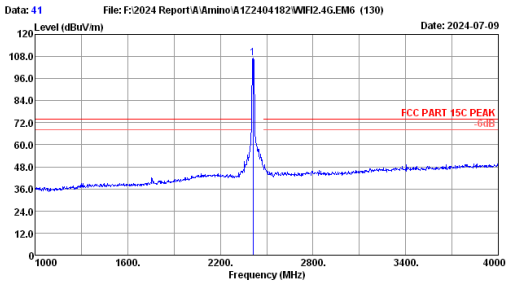


Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2023 VULB 9168-429 Ant. pol. : VERTICAL
Limit : FCC PART 15 C (3M)
Env. / Ins. : 26.8*C/57% Engineer : Abel
EUT :
Power rating : AC 120V/60Hz
Test Mode : WIFI2.4G TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	38.730	19.20	0.56	4.95	24.71	40.00	15.29	QP
2	79.470	15.11	0.78	7.09	22.98	40.00	17.02	QP
3	113.420	16.80	0.91	1.01	18.72	43.50	24.78	QP
4	156.100	19.30	1.03	-1.49	18.84	43.50	24.66	QP
5	220.120	15.70	1.25	2.36	19.31	46.00	26.69	QP
6	375.320	21.21	1.58	1.04	23.83	46.00	22.17	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

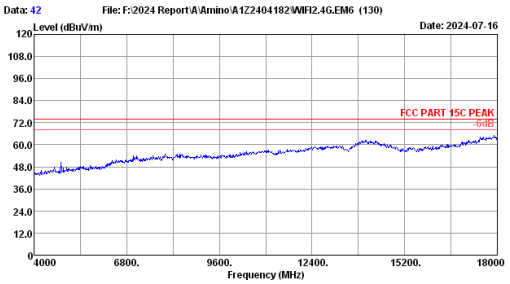
Frequency: 1GHz~18GHz
SISO Mode ANT 0 11b



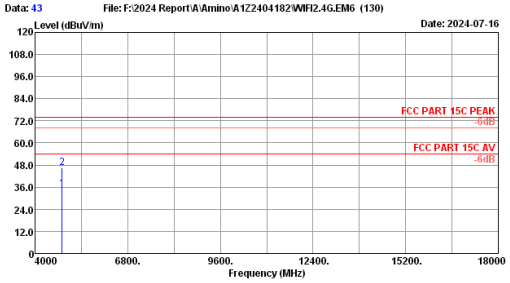
Site no. : 3m Chamber Data no. : 41
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz ANT0 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	106.25	32.21	107.01	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



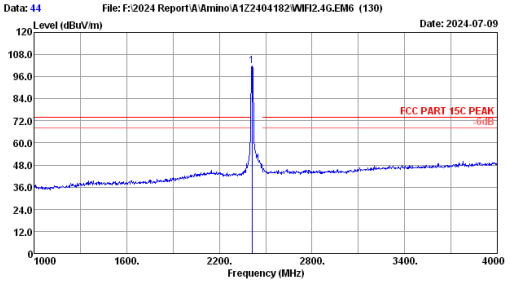
Site no. : 3m Chamber Data no. : 42
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz Ant0 TX Mode



Site no. : 3m Chamber Data no. : 43
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz Ant0 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	7.42	26.59	30.42	34.79	54.00	19.21	Average
2	4824.00	31.20	7.42	38.34	30.42	46.54	74.00	27.46	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

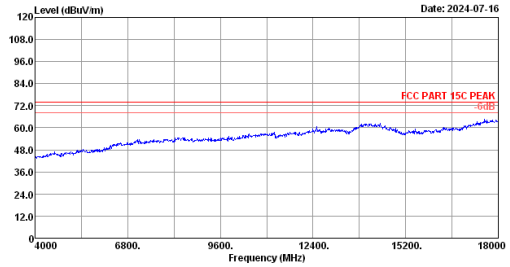


Site no. : 3m Chamber Data no. : 44
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz ANT0 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	101.06	32.21	101.82	------	------	Peak

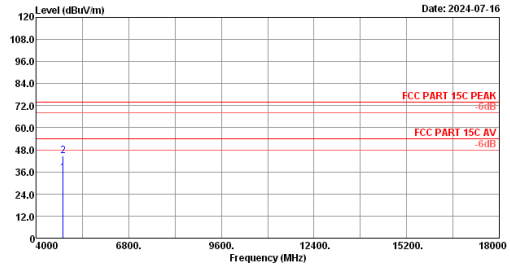
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 45 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)



Site no. : 3m Chamber Data no. : 45
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz Ant0 TX Mode

Data: 46 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

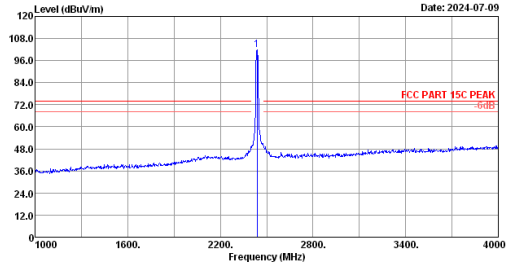


Site no. : 3m Chamber Data no. : 46
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz Ant0 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	7.42	27.19	30.42	35.39	54.00	18.61	Average
2	4824.00	31.20	7.42	36.61	30.42	44.81	74.00	29.19	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 47 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

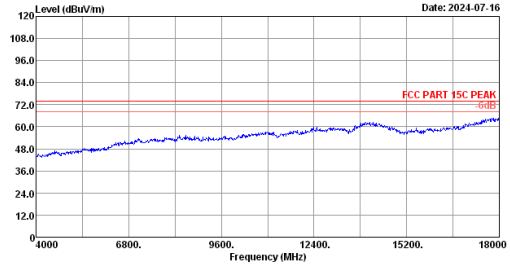


Site no. : 3m Chamber Data no. : 47
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz ANT0 TX Mode

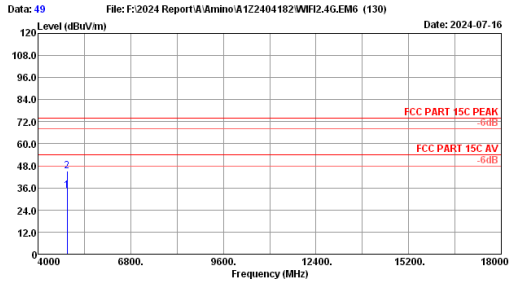
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	101.11	32.19	102.04	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 48 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)



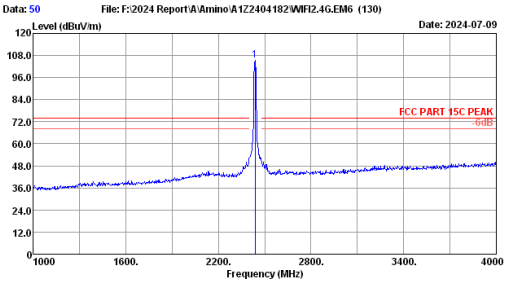
Site no. : 3m Chamber Data no. : 48
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz Ant0 TX Mode



Site no. : 3m Chamber Data no. : 49
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz Ant0 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	7.45	26.19	30.41	34.62	54.00	19.38	Average
2	4874.00	31.39	7.45	36.75	30.41	45.18	74.00	28.82	Peak

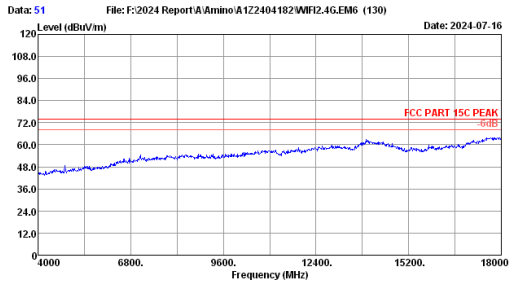
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



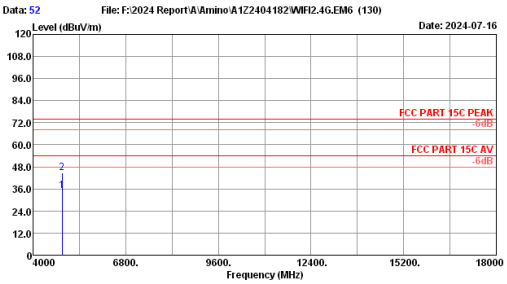
Site no. : 3m Chamber Data no. : 50
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz ANT0 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	104.64	32.19	105.57	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 51
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz Ant0 TX Mode

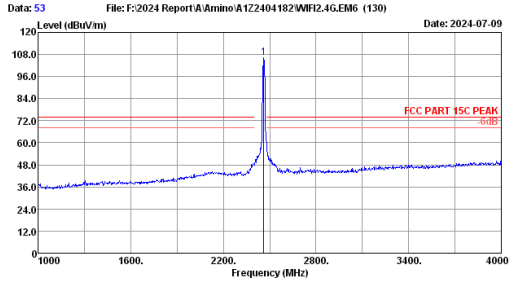


Site no. : 3m Chamber Data no. : 52
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz Ant0 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	7.45	26.49	30.41	34.92	54.00	19.08	Average
2	4874.00	31.39	7.45	36.46	30.41	44.89	74.00	29.11	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 53 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

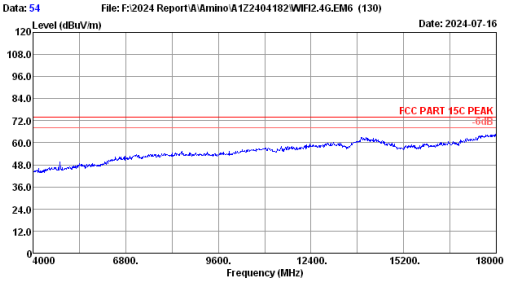


Site no. : 3m Chamber Data no. : 53
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz ANT0 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	105.31	32.18	106.32	------	------	Peak

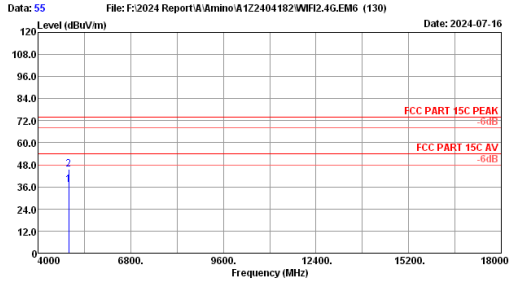
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 54 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)



Site no. : 3m Chamber Data no. : 54
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz Ant0 TX Mode

Data: 55 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

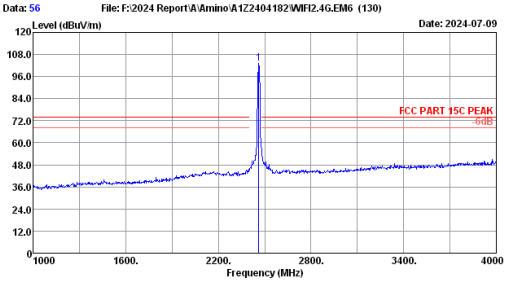


Site no. : 3m Chamber Data no. : 55
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz Ant0 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	7.49	28.43	30.41	37.25	54.00	16.75	Average
2	4924.00	31.74	7.49	36.79	30.41	45.61	74.00	28.39	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

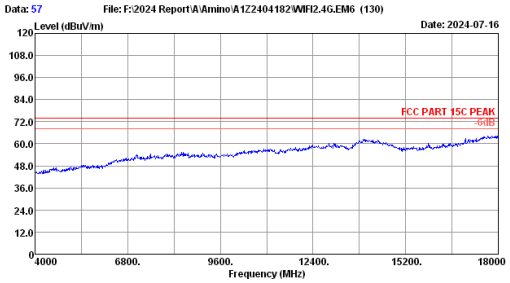
Data: 56 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)



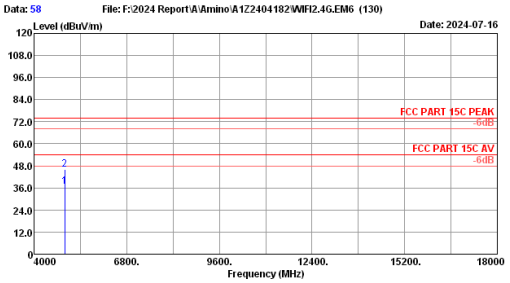
Site no. : 3m Chamber Data no. : 56
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz ANT0 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	102.12	32.18	103.13	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 57
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz Ant0 TX Mode



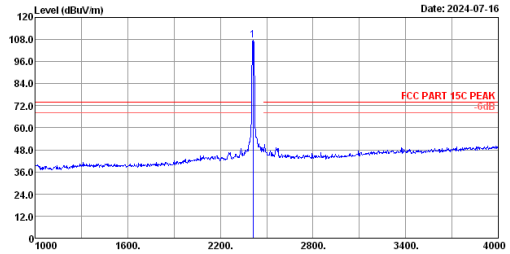
Site no. : 3m Chamber Data no. : 58
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz Ant0 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	7.49	28.13	30.41	36.95	54.00	17.05	Average
2	4924.00	31.74	7.49	37.35	30.41	46.17	74.00	27.83	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

SISO Mode ANT 1 11b

Data: 59 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

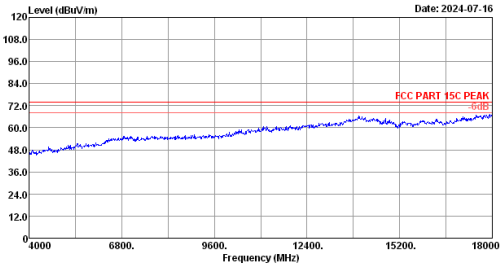


Site no. : 3m Chamber Data no. : 59
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	106.41	31.69	107.69	------	------	Peak

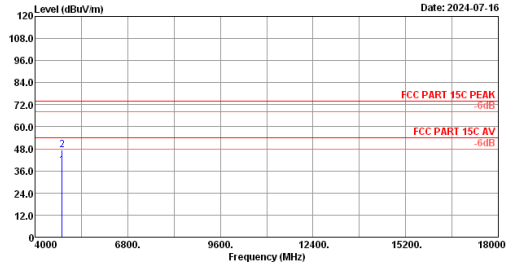
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 60 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)



Site no. : 3m Chamber Data no. : 60
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz Ant1 TX Mode

Data: 61 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

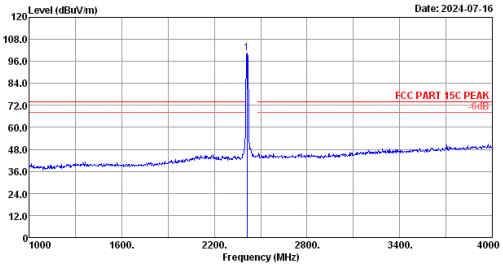


Site no. : 3m Chamber Data no. : 61
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz Ant1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	3.96	34.17	30.42	38.91	54.00	15.09	Average
2	4824.00	31.20	3.96	42.62	30.42	47.36	74.00	26.64	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 62 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

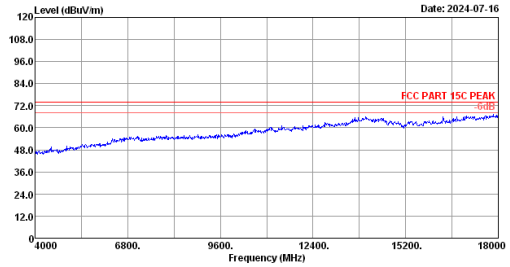


Site no. : 3m Chamber Data no. : 62
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	99.08	31.69	100.36	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 63 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

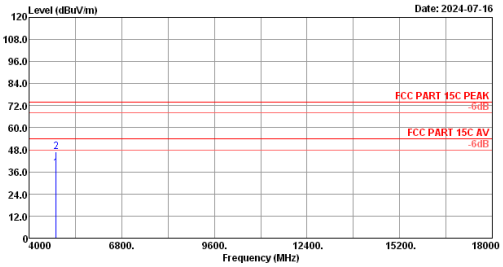


Site no. : 3m Chamber Data no. : 63
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz Ant1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	3.96	33.26	30.42	38.00	54.00	16.00	Average
2	4824.00	31.20	3.96	42.18	30.42	46.92	74.00	27.08	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 64 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

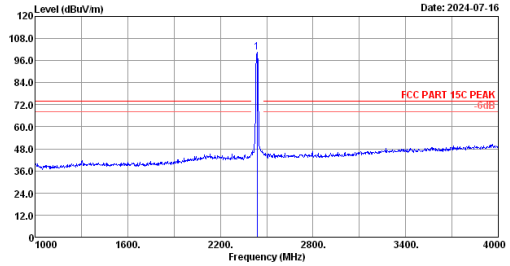


Site no. : 3m Chamber Data no. : 64
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2412MHz Ant1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	3.96	33.26	30.42	38.00	54.00	16.00	Average
2	4824.00	31.20	3.96	42.18	30.42	46.92	74.00	27.08	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 65 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

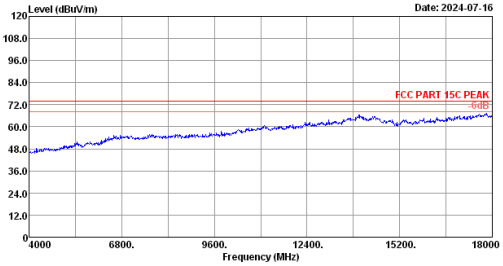


Site no. : 3m Chamber Data no. : 65
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz ANT1 TX Mode

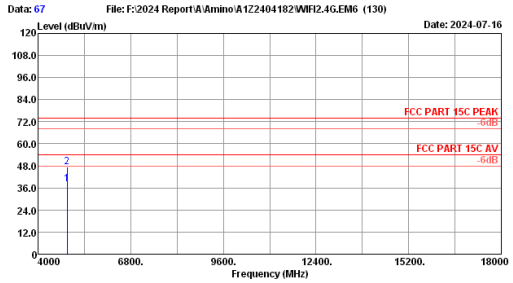
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	98.90	31.68	100.34	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 66 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)



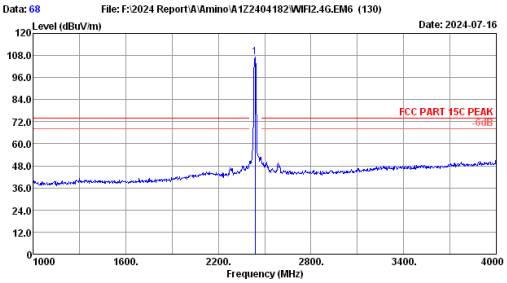
Site no. : 3m Chamber Data no. : 66
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz Ant1 TX Mode



Site no. : 3m Chamber Data no. : 67
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz Ant1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	3.98	33.26	30.41	38.22	54.00	15.78	Average
2	4874.00	31.39	3.98	42.58	30.41	47.54	74.00	26.46	Peak

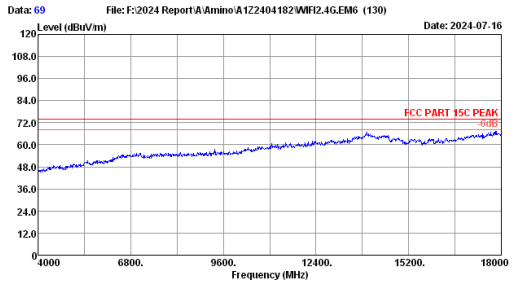
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



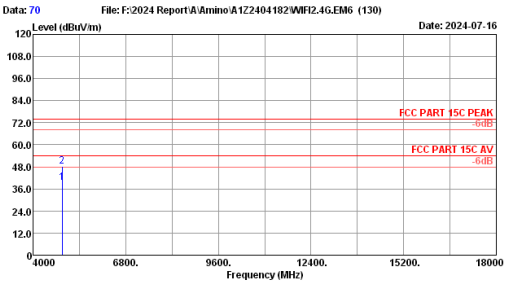
Site no. : 3m Chamber Data no. : 68
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	105.73	31.68	107.17	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



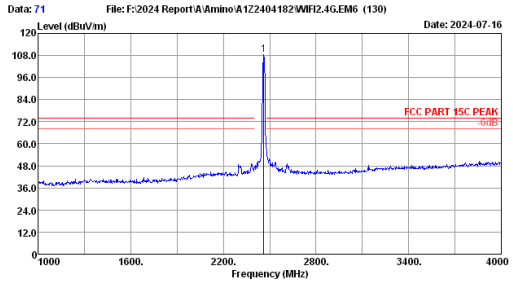
Site no. : 3m Chamber Data no. : 69
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz Ant1 TX Mode



Site no. : 3m Chamber Data no. : 70
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2437MHz Ant1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	3.98	34.51	30.41	39.47	54.00	14.53	Average
2	4874.00	31.39	3.98	43.21	30.41	48.17	74.00	25.83	Peak

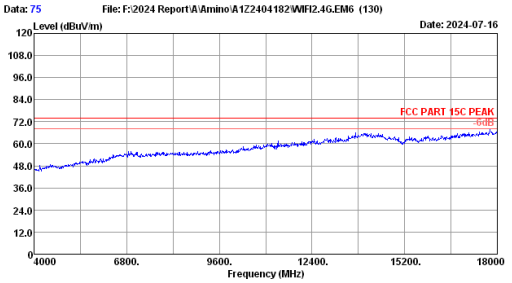
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



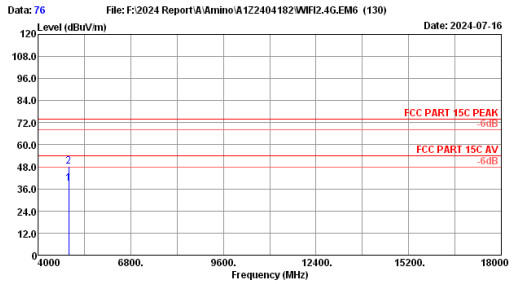
Site no. : 3m Chamber Data no. : 71
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	106.96	31.67	108.48	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



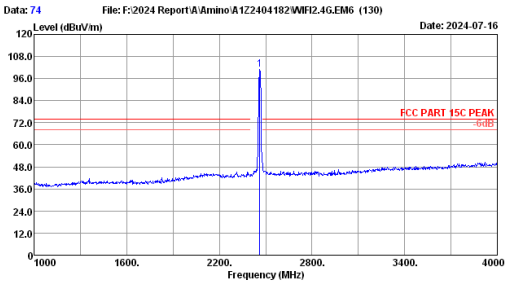
Site no. : 3m Chamber Data no. : 75
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz Ant1 TX Mode



Site no. : 3m Chamber Data no. : 76
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz Ant1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	4.00	33.58	30.41	38.91	54.00	15.09	Average
2	4924.00	31.74	4.00	42.98	30.41	48.31	74.00	25.69	Peak

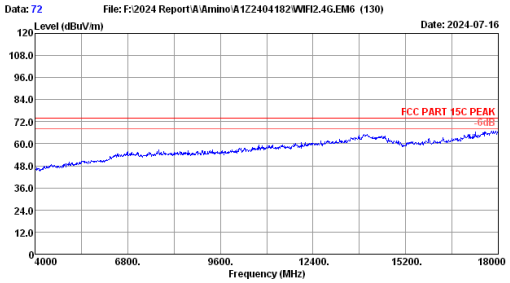
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



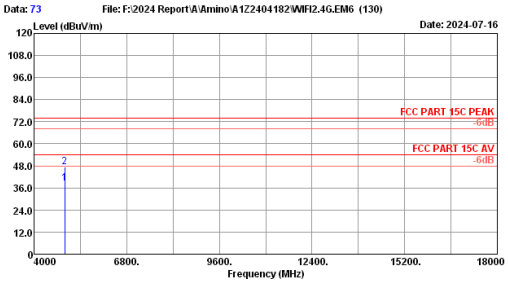
Site no. : 3m Chamber Data no. : 74
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	99.62	31.67	101.14	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 72
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz Ant1 TX Mode



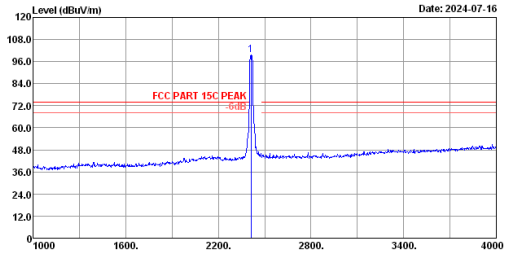
Site no. : 3m Chamber Data no. : 73
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11b 2462MHz Ant1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	4.00	33.17	30.41	38.50	54.00	15.50	Average
2	4924.00	31.74	4.00	42.22	30.41	47.55	74.00	26.45	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

SISO Mode ANT0 11g

Data: 17 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)

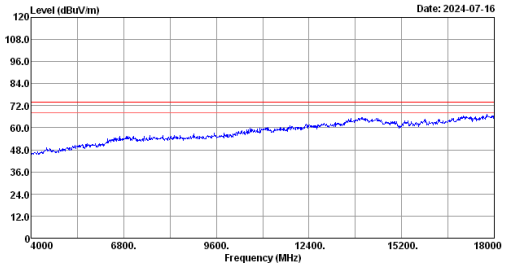


Site no. : 3m Chamber Data no. : 17
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	98.29	31.69	99.57	------	------	Peak

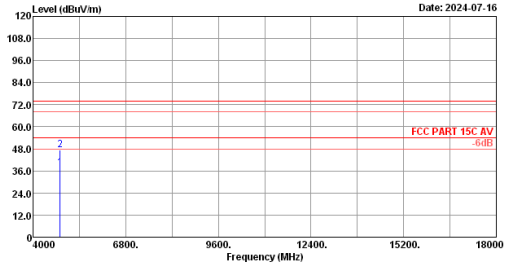
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 18 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)



Site no. : 3m Chamber Data no. : 18
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANTO TX Mode

Data: 19 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)

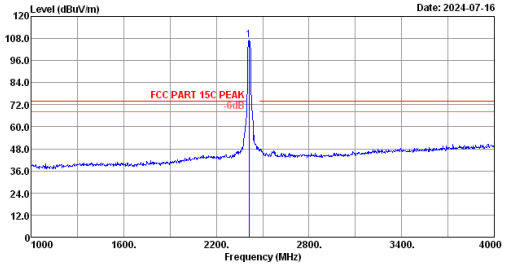


Site no. : 3m Chamber Data no. : 19
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	3.96	33.03	30.42	37.77	54.00	16.23	Average
2	4824.00	31.20	3.96	42.81	30.42	47.55	74.00	26.45	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

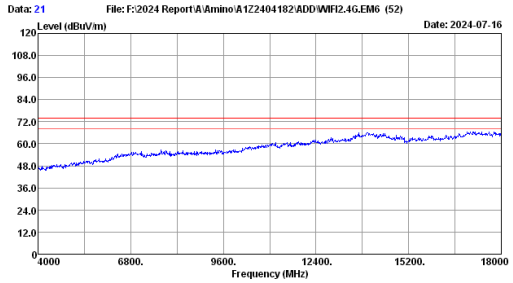
Data: 20 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)



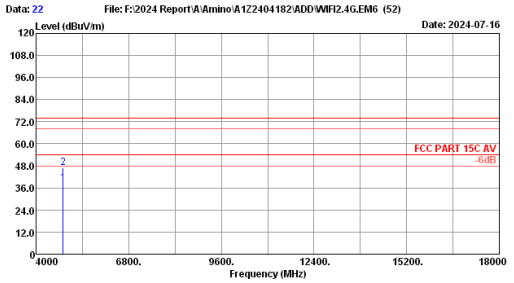
Site no. : 3m Chamber Data no. : 20
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	105.75	31.69	107.03	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



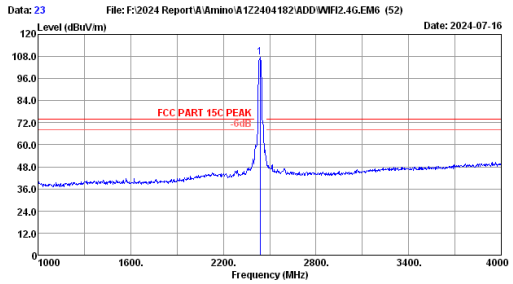
Site no. : 3m Chamber Data no. : 21
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANTO TX Mode



Site no. : 3m Chamber Data no. : 22
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	3.96	33.92	30.42	38.66	54.00	15.34	Average
2	4824.00	31.20	3.96	42.25	30.42	46.99	74.00	27.01	Peak

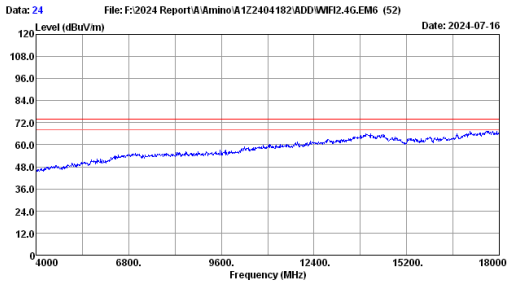
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



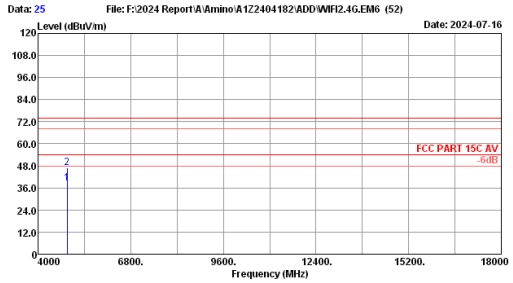
Site no. : 3m Chamber Data no. : 23
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	106.00	31.68	107.44	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



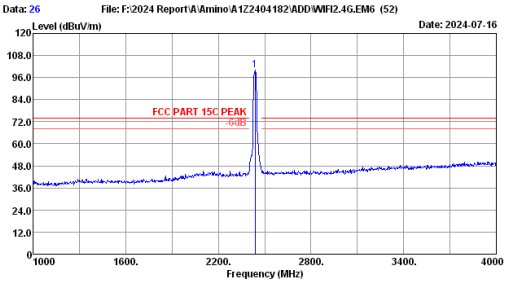
Site no. : 3m Chamber Data no. : 24
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANTO TX Mode



Site no. : 3m Chamber Data no. : 25
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	3.98	33.68	30.41	38.64	54.00	15.36	Average
2	4874.00	31.39	3.98	42.05	30.41	47.01	74.00	26.99	Peak

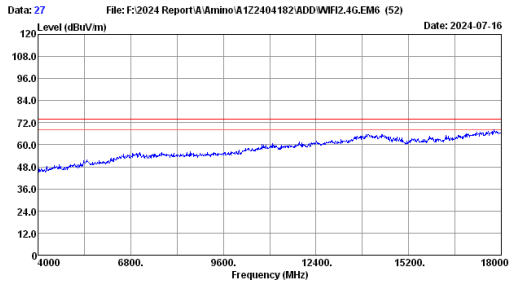
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



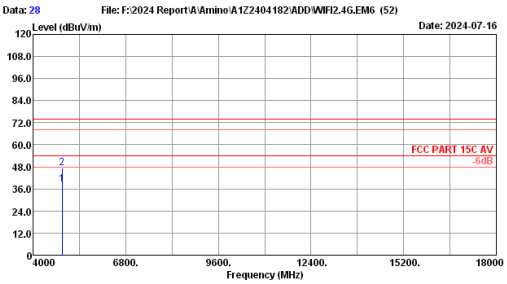
Site no. : 3m Chamber Data no. : 26
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	98.59	31.68	100.03	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



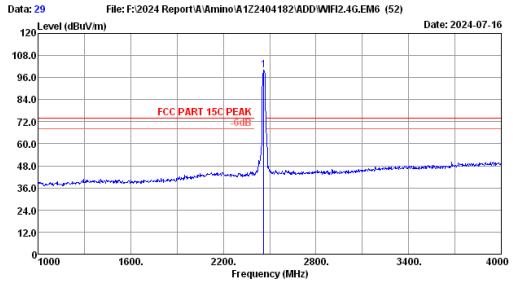
Site no. : 3m Chamber Data no. : 27
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANTO TX Mode



Site no. : 3m Chamber Data no. : 28
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	3.98	33.53	30.41	38.49	54.00	15.51	Average
2	4874.00	31.39	3.98	42.28	30.41	47.24	74.00	26.76	Peak

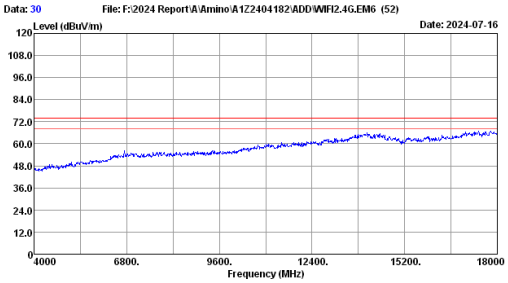
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



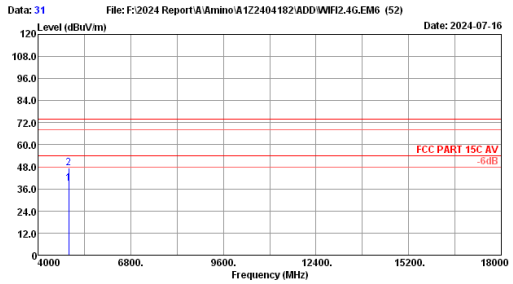
Site no. : 3m Chamber Data no. : 29
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	98.74	31.67	100.26	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



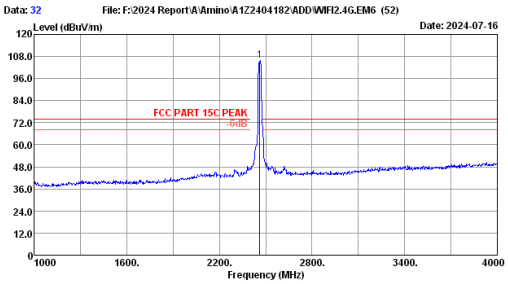
Site no. : 3m Chamber Data no. : 30
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANTO TX Mode



Site no. : 3m Chamber Data no. : 31
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	4.00	33.77	30.41	39.10	54.00	14.90	Average
2	4924.00	31.74	4.00	42.10	30.41	47.43	74.00	26.57	Peak

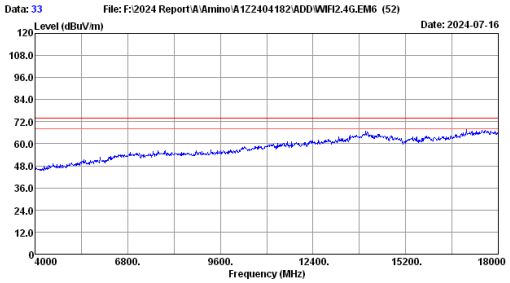
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



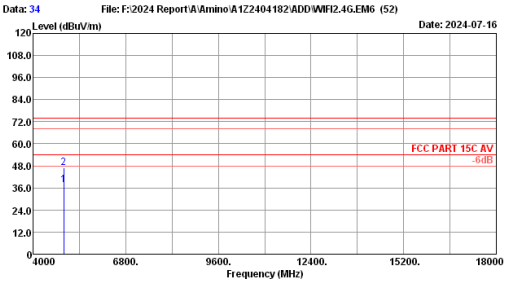
Site no. : 3m Chamber Data no. : 32
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	104.37	31.67	105.89	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 33
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANTO TX Mode



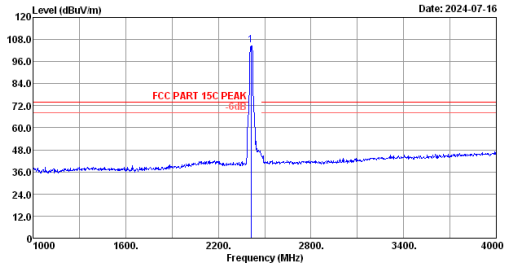
Site no. : 3m Chamber Data no. : 34
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANTO TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	4.00	32.18	30.41	37.51	54.00	16.49	Average
2	4924.00	31.74	4.00	41.74	30.41	47.07	74.00	26.93	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

SISO Mode ANT1 11g

Data: 35 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)

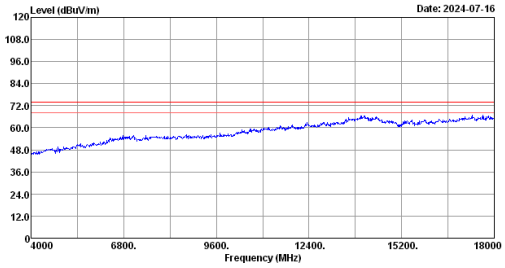


Site no. : 3m Chamber Data no. : 35
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	103.66	31.69	104.94	------	------	Peak

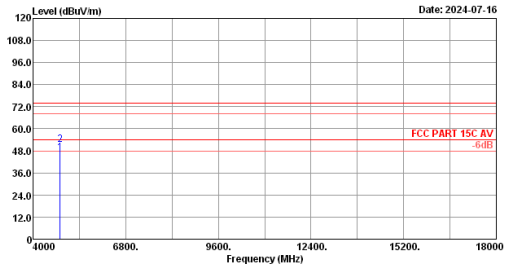
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 36 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)



Site no. : 3m Chamber Data no. : 36
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANT1 TX Mode

Data: 37 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)

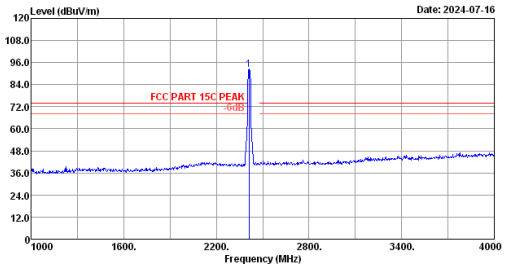


Site no. : 3m Chamber Data no. : 37
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	7.42	36.56	30.42	46.76	54.00	7.24	Average
2	4824.00	31.20	7.42	43.35	30.42	51.55	74.00	22.45	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

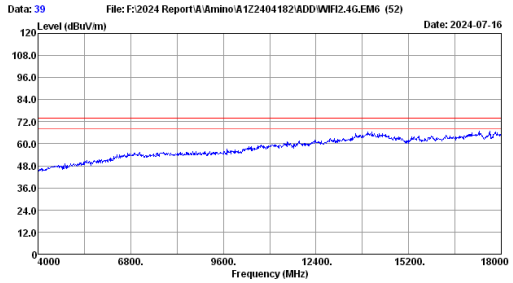
Data: 38 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)



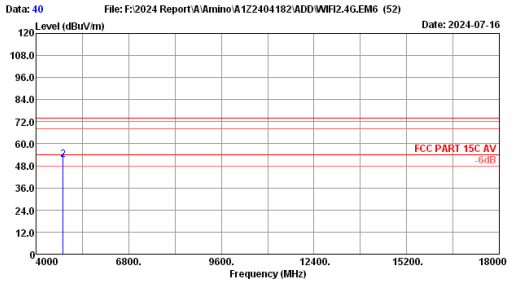
Site no. : 3m Chamber Data no. : 38
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	90.80	31.69	92.08	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



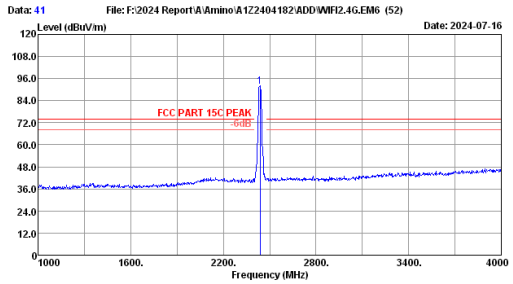
Site no. : 3m Chamber Data no. : 39
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANT1 TX Mode



Site no. : 3m Chamber Data no. : 40
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2412MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	7.42	40.97	30.42	49.17	54.00	4.83	Average
2	4824.00	31.20	7.42	43.35	30.42	51.55	74.00	22.45	Peak

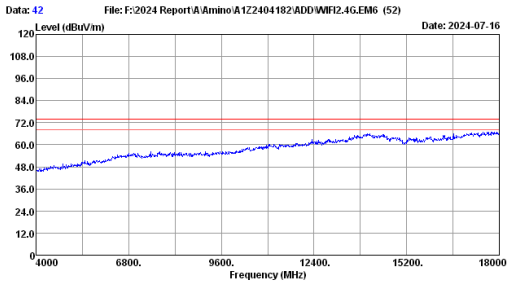
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



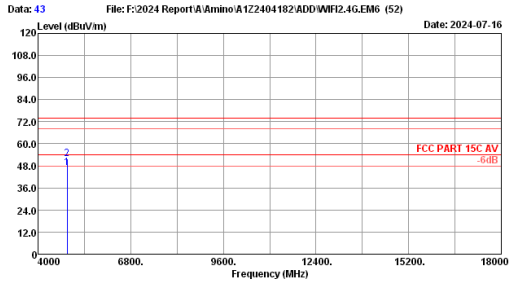
Site no. : 3m Chamber Data no. : 41
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	90.23	31.68	91.67	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



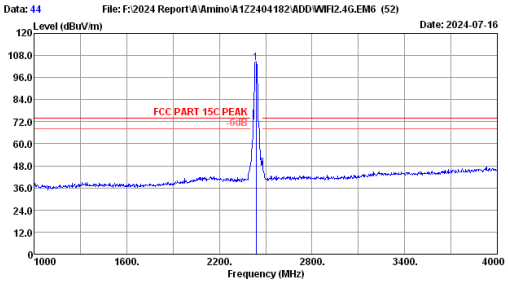
Site no. : 3m Chamber Data no. : 42
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANT1 TX Mode



Site no. : 3m Chamber Data no. : 43
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	7.45	38.48	30.41	46.91	54.00	7.09	Average
2	4874.00	31.39	7.45	43.38	30.41	51.81	74.00	22.19	Peak

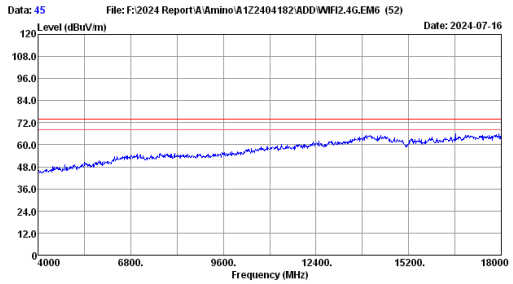
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



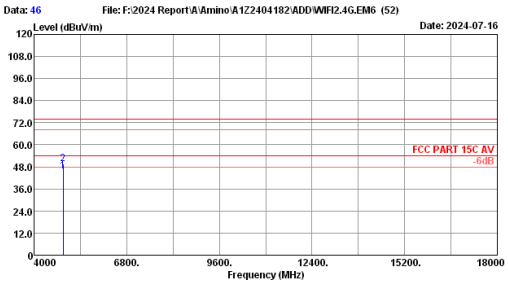
Site no. : 3m Chamber Data no. : 44
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	102.57	31.68	104.01	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 45
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANT1 TX Mode

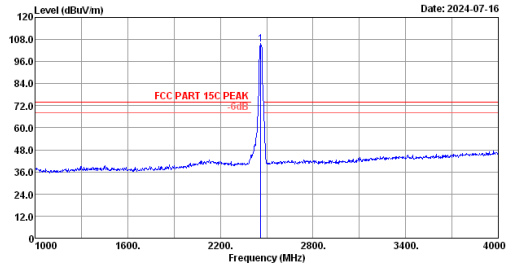


Site no. : 3m Chamber Data no. : 46
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2437MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	7.45	36.97	30.41	45.40	54.00	8.60	Average
2	4874.00	31.39	7.45	41.30	30.41	49.73	74.00	24.27	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 47 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)

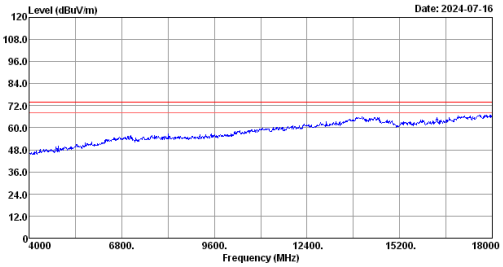


Site no. : 3m Chamber Data no. : 47
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	103.68	31.67	105.20	------	------	Peak

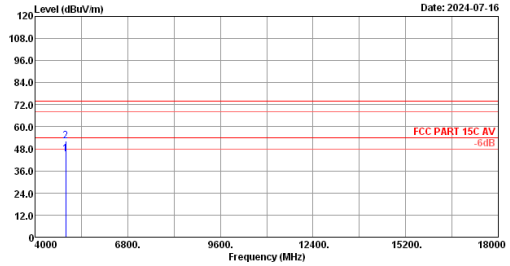
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 48 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)



Site no. : 3m Chamber Data no. : 48
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANT1 TX Mode

Data: 49 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)

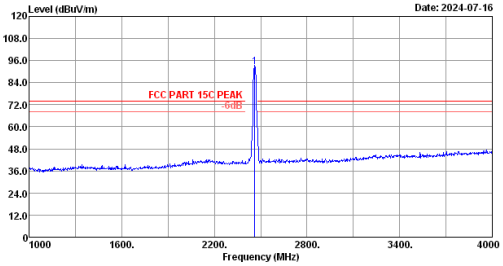


Site no. : 3m Chamber Data no. : 49
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	7.49	36.49	30.41	45.31	54.00	8.69	Average
2	4924.00	31.74	7.49	43.24	30.41	52.06	74.00	21.94	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

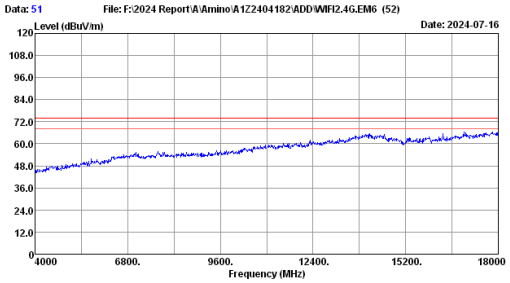
Data: 50 File: F:\2024 Report\A\Amino\A1Z2404182\ADD\WIFI2.4G.EM6 (52)



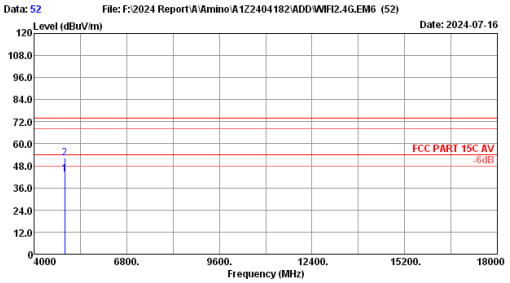
Site no. : 3m Chamber Data no. : 50
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	91.24	31.67	92.76	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 51
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANT1 TX Mode



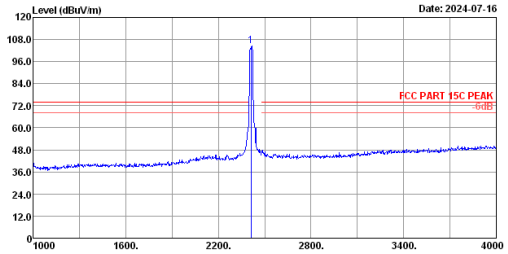
Site no. : 3m Chamber Data no. : 52
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11g 2462MHz ANT1 TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	7.49	34.59	30.41	43.41	54.00	10.59	Average
2	4924.00	31.74	7.49	43.24	30.41	52.06	74.00	21.94	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

MIMO Mode 11n20

Data: 95 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

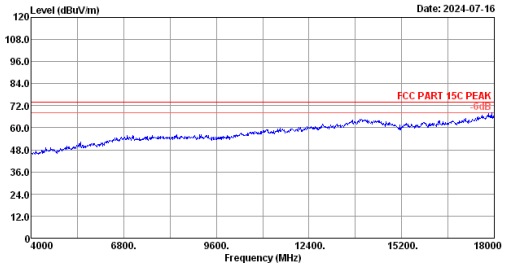


Site no. : 3m Chamber Data no. : 95
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2412MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	103.33	31.69	104.61	------	------	Peak

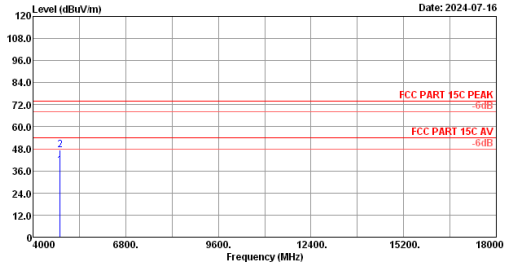
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 96 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)



Site no. : 3m Chamber Data no. : 96
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2412MHz TX Mode

Data: 97 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

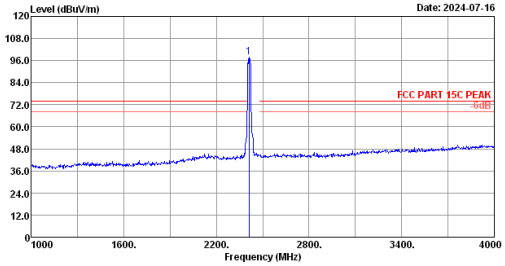


Site no. : 3m Chamber Data no. : 97
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2412MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	3.96	34.11	30.42	38.85	54.00	15.15	Average
2	4824.00	31.20	3.96	42.70	30.42	47.44	74.00	26.56	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

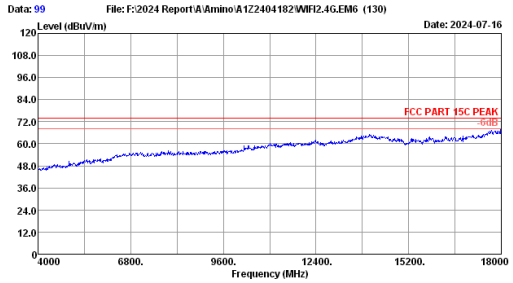
Data: 98 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)



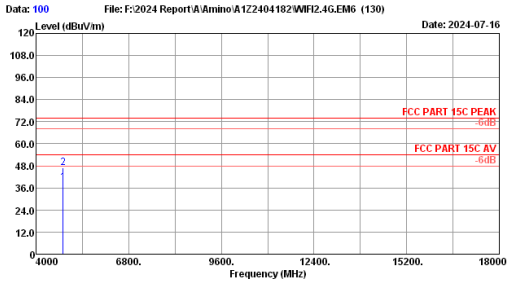
Site no. : 3m Chamber Data no. : 98
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2412MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	96.47	31.69	97.75	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



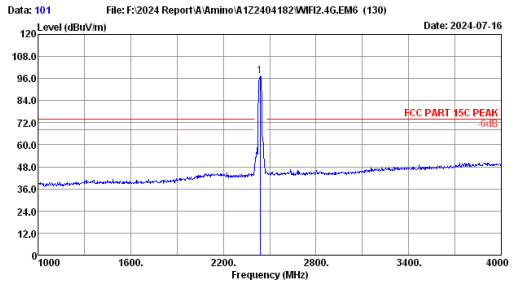
Site no. : 3m Chamber Data no. : 99
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2412MHz TX Mode



Site no. : 3m Chamber Data no. : 100
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2412MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	3.96	34.25	30.42	38.99	54.00	15.01	Average
2	4824.00	31.20	3.96	42.32	30.42	47.06	74.00	26.94	Peak

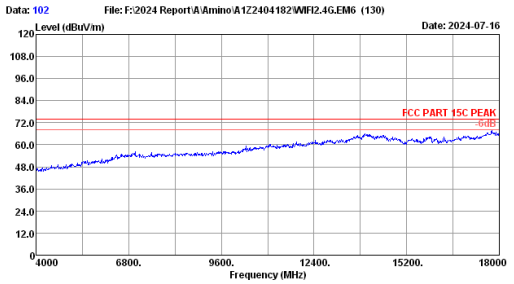
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



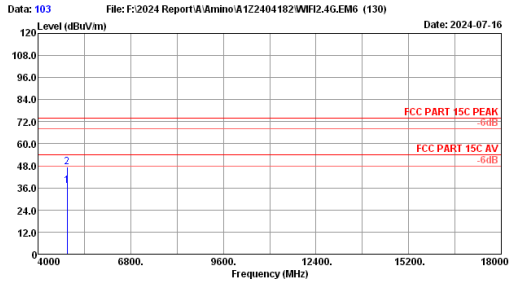
Site no. : 3m Chamber Data no. : 101
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2437MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	95.89	31.68	97.33	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



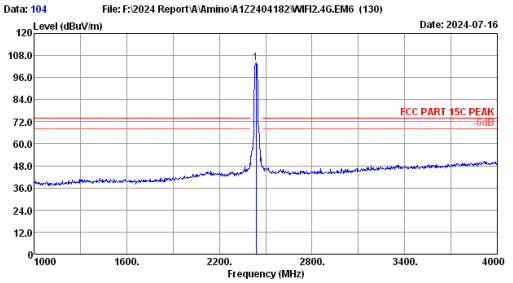
Site no. : 3m Chamber Data no. : 102
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2437MHz TX Mode



Site no. : 3m Chamber Data no. : 103
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2437MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	3.98	32.16	30.41	37.12	54.00	16.88	Average
2	4874.00	31.39	3.98	42.32	30.41	47.28	74.00	26.72	Peak

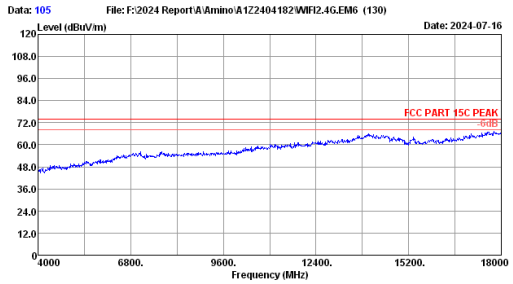
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



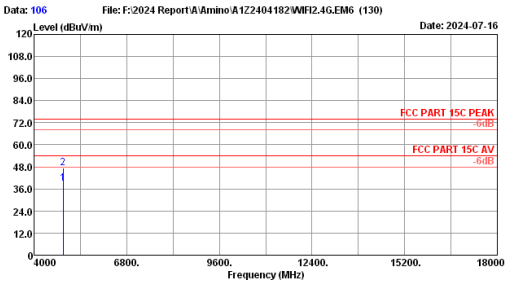
Site no. : 3m Chamber Data no. : 104
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2437MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	102.76	31.68	104.20	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



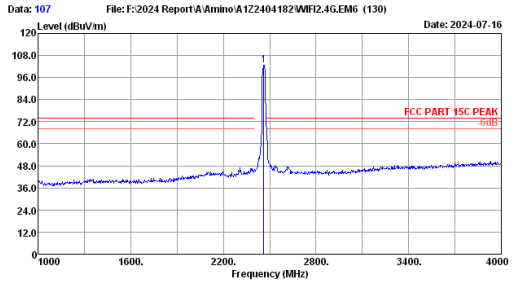
Site no. : 3m Chamber Data no. : 105
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2437MHz TX Mode



Site no. : 3m Chamber Data no. : 106
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2437MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	3.98	33.82	30.41	38.78	54.00	15.22	Average
2	4874.00	31.39	3.98	42.52	30.41	47.48	74.00	26.52	Peak

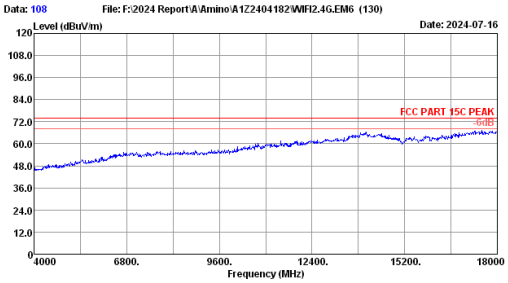
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



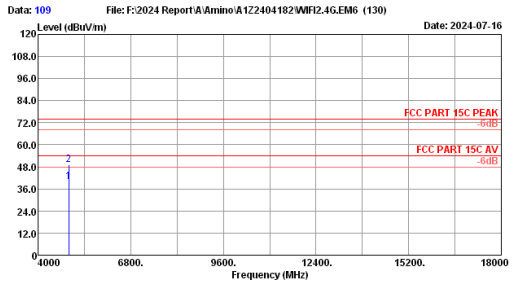
Site no. : 3m Chamber Data no. : 107
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2462MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	101.40	31.67	102.92	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



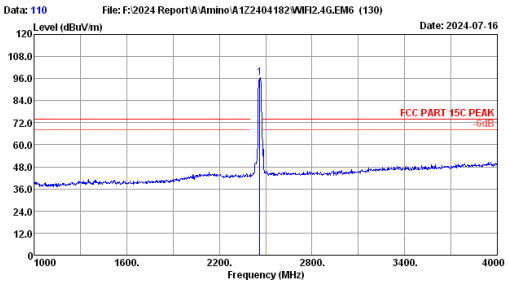
Site no. : 3m Chamber Data no. : 108
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2462MHz TX Mode



Site no. : 3m Chamber Data no. : 109
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2462MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	4.00	34.68	30.41	40.01	54.00	13.99	Average
2	4924.00	31.74	4.00	43.74	30.41	49.07	74.00	24.93	Peak

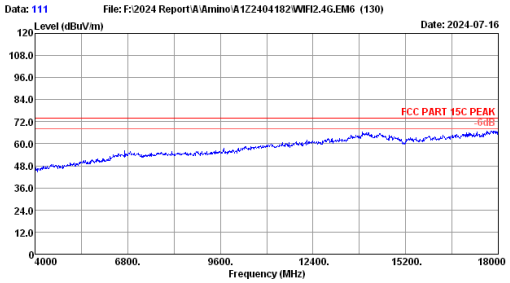
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



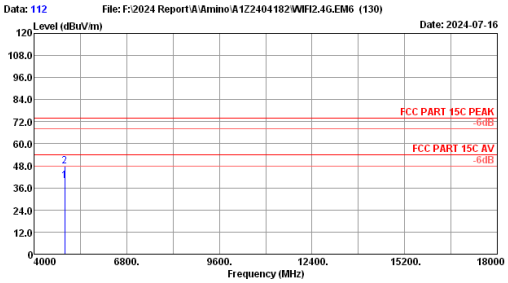
Site no. : 3m Chamber Data no. : 110
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2462MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	95.08	31.67	96.60	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 111
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2462MHz TX Mode



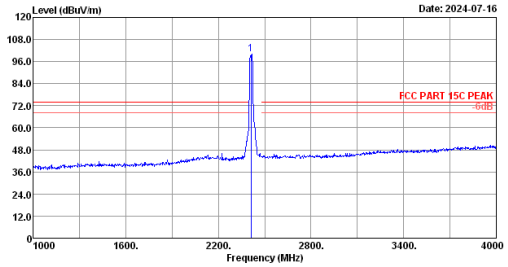
Site no. : 3m Chamber Data no. : 112
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11n20 2462MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	4.00	34.56	30.41	39.89	54.00	14.11	Average
2	4924.00	31.74	4.00	42.63	30.41	47.96	74.00	26.04	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

MIMO Mode 11ax 20

Data: 113 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

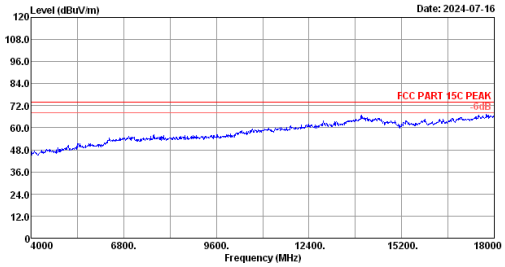


Site no. : 3m Chamber Data no. : 113
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2412MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	98.83	31.69	100.11	------	------	Peak

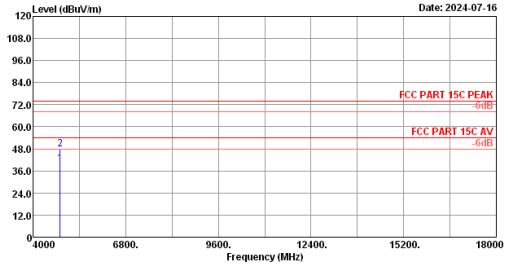
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 114 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)



Site no. : 3m Chamber Data no. : 114
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2412MHz TX Mode

Data: 115 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

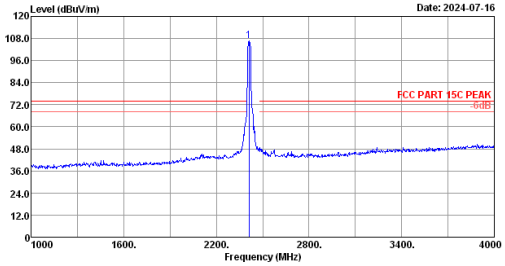


Site no. : 3m Chamber Data no. : 115
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2412MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	3.96	35.17	30.42	39.91	54.00	14.09	Average
2	4824.00	31.20	3.96	43.25	30.42	47.99	74.00	26.01	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 116 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

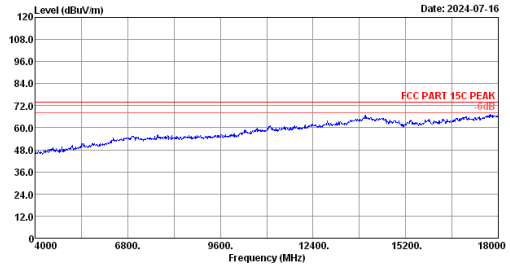


Site no. : 3m Chamber Data no. : 116
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5*C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2412MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2412.00	27.65	5.32	105.42	31.69	106.70	------	------	Peak

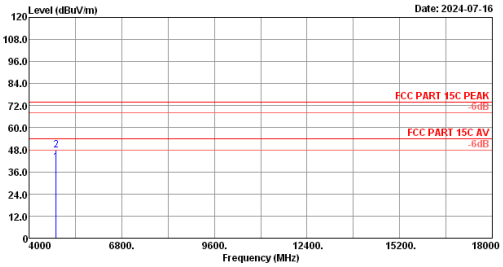
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 117 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)



Site no. : 3m Chamber Data no. : 117
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2412MHz TX Mode

Data: 118 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

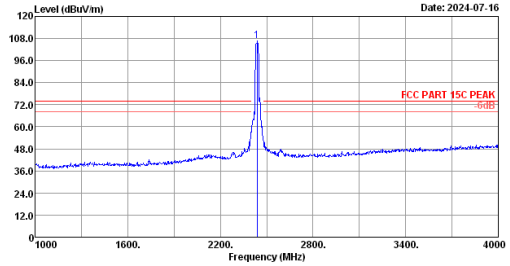


Site no. : 3m Chamber Data no. : 118
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2412MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4824.00	31.20	3.96	36.29	30.42	41.03	54.00	12.97	Average
2	4824.00	31.20	3.96	43.25	30.42	47.99	74.00	26.01	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 119 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)

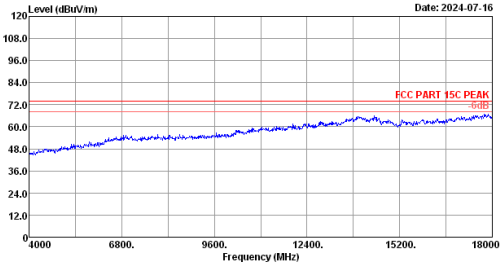


Site no. : 3m Chamber Data no. : 119
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2437MHz TX Mode

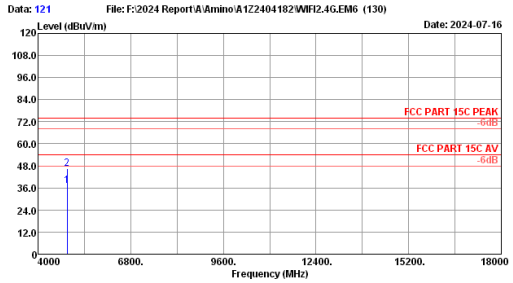
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	105.33	31.68	106.77	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

Data: 120 File: F:\2024 Report\A\Amino\A1Z2404182\WIFI2.4G.EM6 (130)



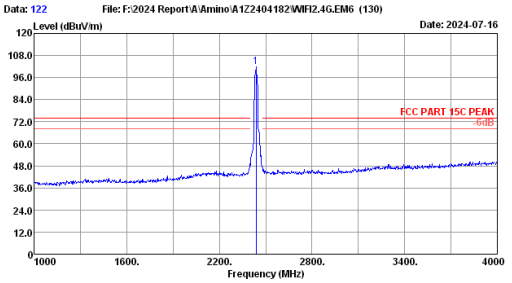
Site no. : 3m Chamber Data no. : 120
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2437MHz TX Mode



Site no. : 3m Chamber Data no. : 121
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2437MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	3.98	32.16	30.41	37.12	54.00	16.88	Average
2	4874.00	31.39	3.98	41.46	30.41	46.42	74.00	27.58	Peak

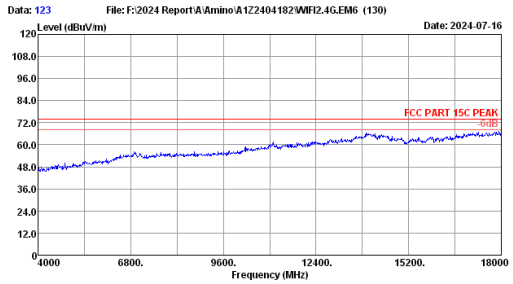
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



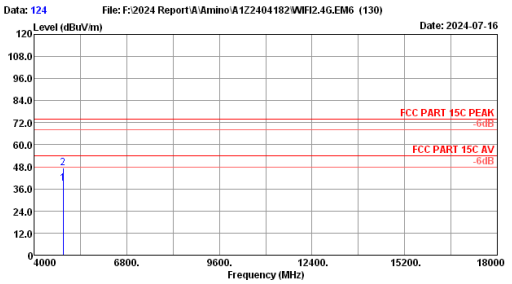
Site no. : 3m Chamber Data no. : 122
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2437MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2437.00	27.75	5.37	100.26	31.68	101.70	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



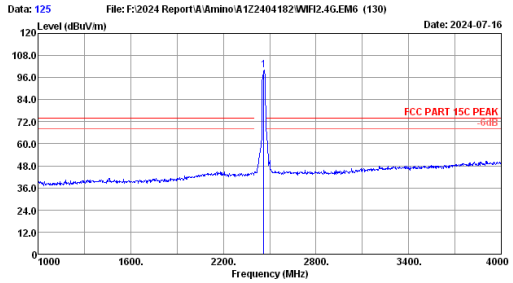
Site no. : 3m Chamber Data no. : 123
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2437MHz TX Mode



Site no. : 3m Chamber Data no. : 124
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2437MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.39	3.98	34.16	30.41	39.12	54.00	14.88	Average
2	4874.00	31.39	3.98	42.36	30.41	47.32	74.00	26.68	Peak

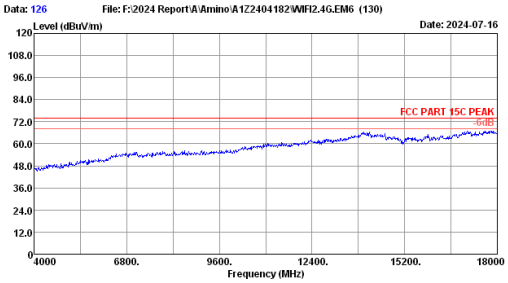
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



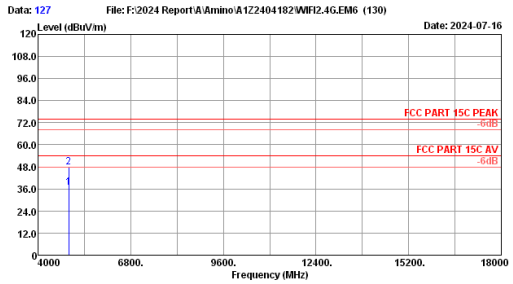
Site no. : 3m Chamber Data no. : 125
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2462MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	98.41	31.67	99.93	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



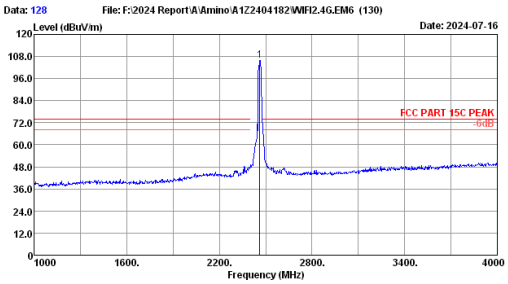
Site no. : 3m Chamber Data no. : 126
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2462MHz TX Mode



Site no. : 3m Chamber Data no. : 127
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2462MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	4.00	31.27	30.41	36.60	54.00	17.40	Average
2	4924.00	31.74	4.00	42.69	30.41	48.02	74.00	25.98	Peak

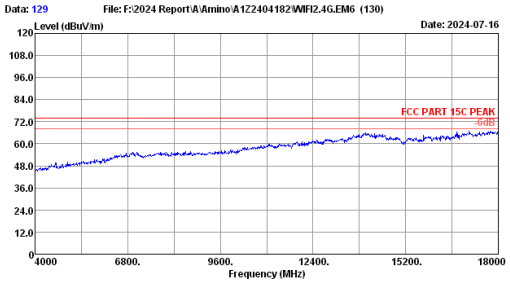
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



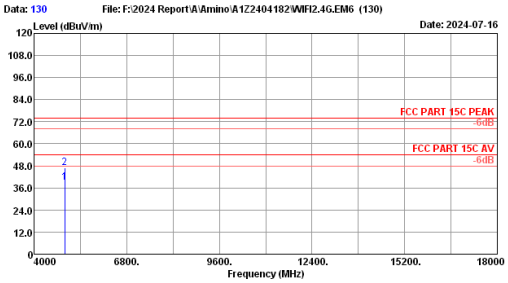
Site no. : 3m Chamber Data no. : 128
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2462MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2462.00	27.80	5.39	104.21	31.67	105.73	------	------	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.



Site no. : 3m Chamber Data no. : 129
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2462MHz TX Mode



Site no. : 3m Chamber Data no. : 130
Dis. / Ant. : 3m 2023 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC PART 15C PEAK
Env. / Ins. : 21.5°C/53.1% Engineer : WINTER
Test Mode : WIFI2.4G 11ax20 2462MHz TX Mode

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Amp factor (dB)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4924.00	31.74	4.00	33.57	30.41	38.90	54.00	15.10	Average
2	4924.00	31.74	4.00	41.76	30.41	47.09	74.00	26.91	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor.
2. The emission levels that are 20dB below the official limit are not reported.

5. CONDUCTED SPURIOUS EMISSIONS

5.1.Limit

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator in operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30dB instead of 20dB.

5.2.Test Procedure

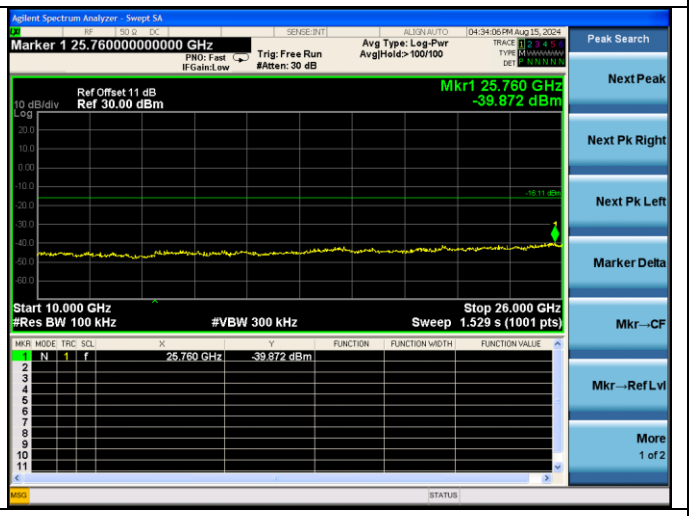
The transmitter output was connected to a spectrum analyzer, The resolution bandwidth is set to 100 kHz, The video bandwidth is set to 300 kHz and measure all the emissions with peak detector.

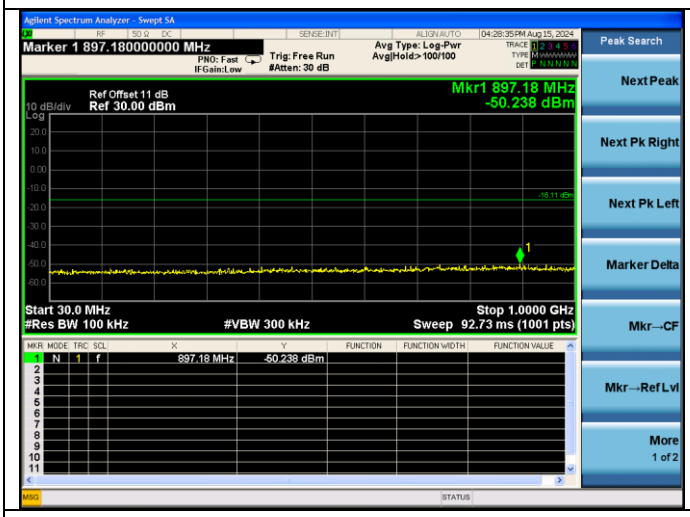
5.3.Test result

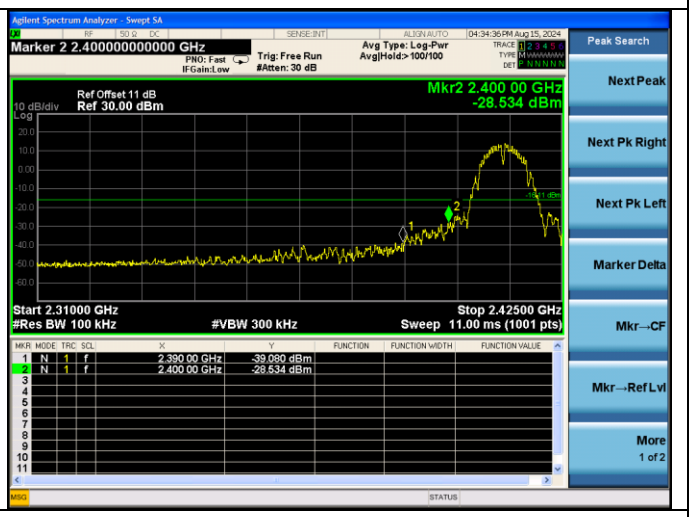
PASS (The testing data was attached in the next pages.)

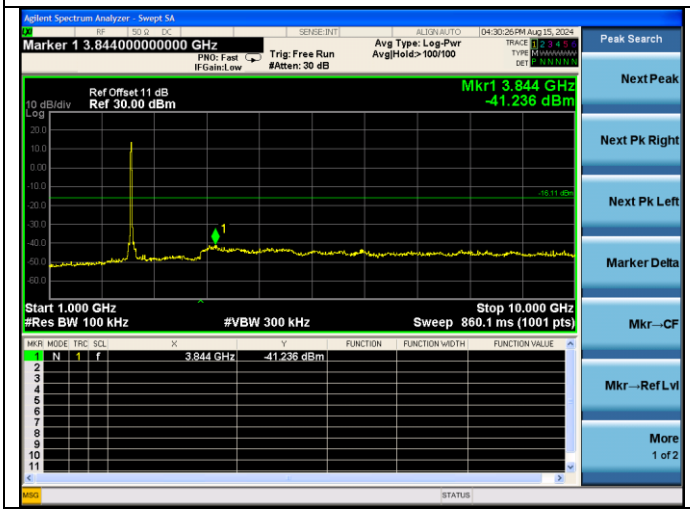
EUT: STB		
M/N: H200W		
Test date: 2024-08-15~09-08	Pressure: 103.1±1.0 kpa	Humidity: 51.5±3.0%
Tested by: Epoch	Test site: RF site	Temperature:22.5±0.1℃

ANT0:
Test Mode: IEEE 802.11b
Test CH1: 2412MHz

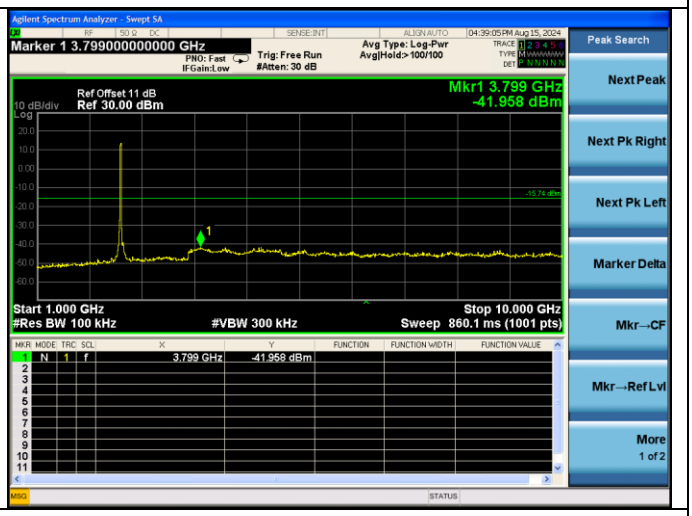


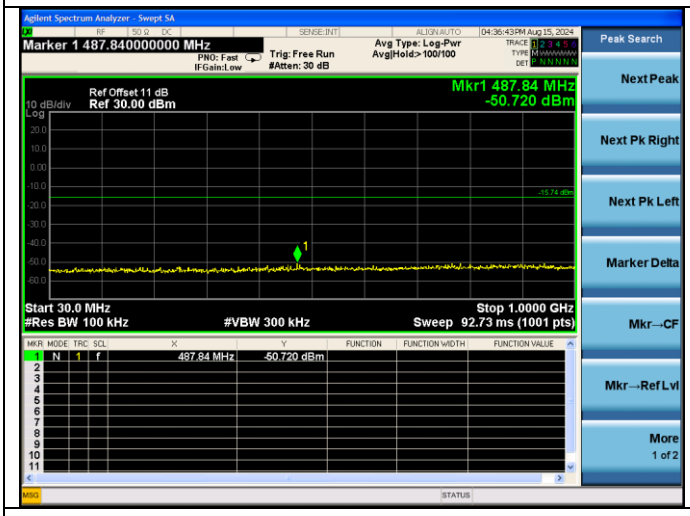


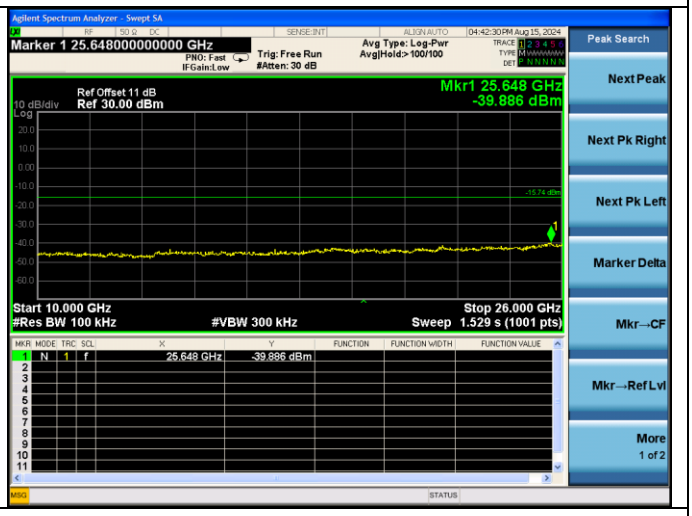


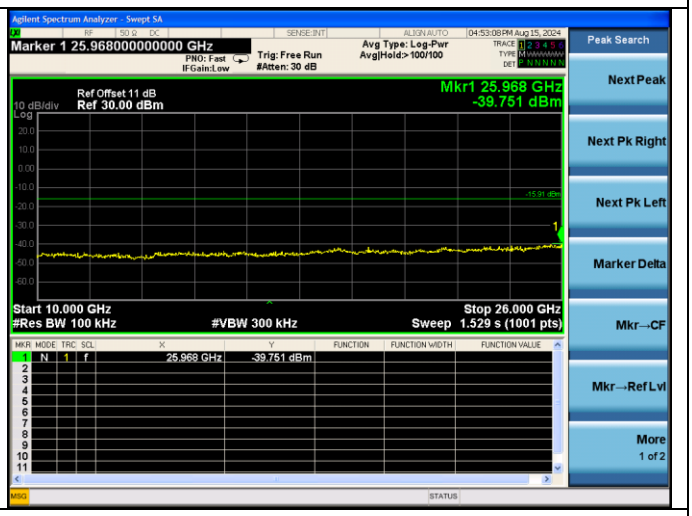
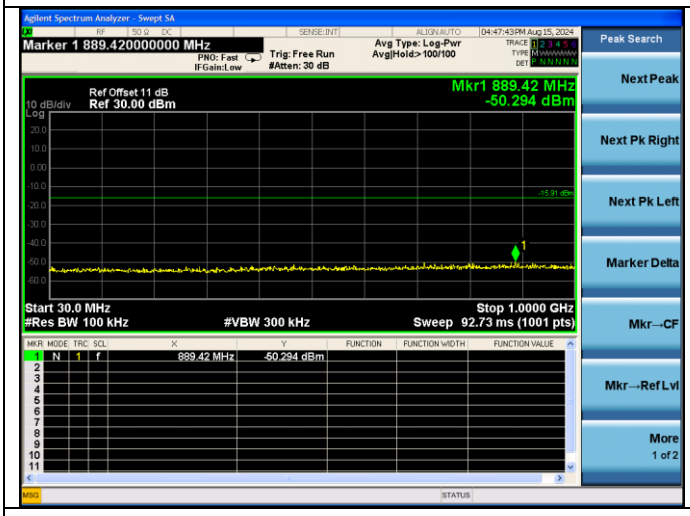
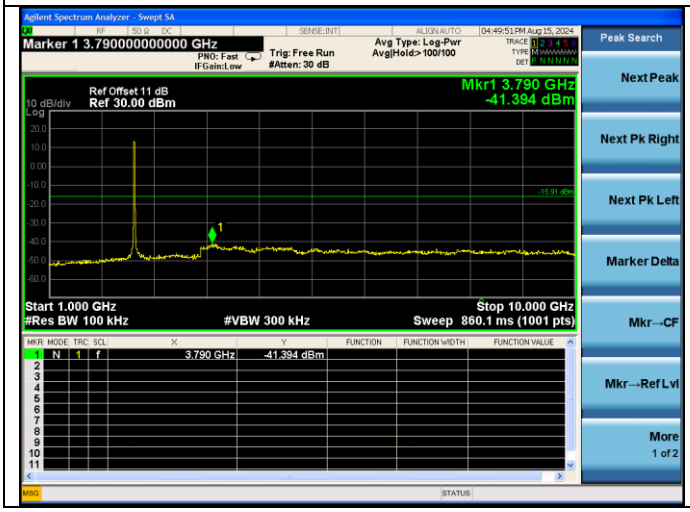


Test CH6: 2437MHz







Test CH11: 2462MHz	
	
	
	---
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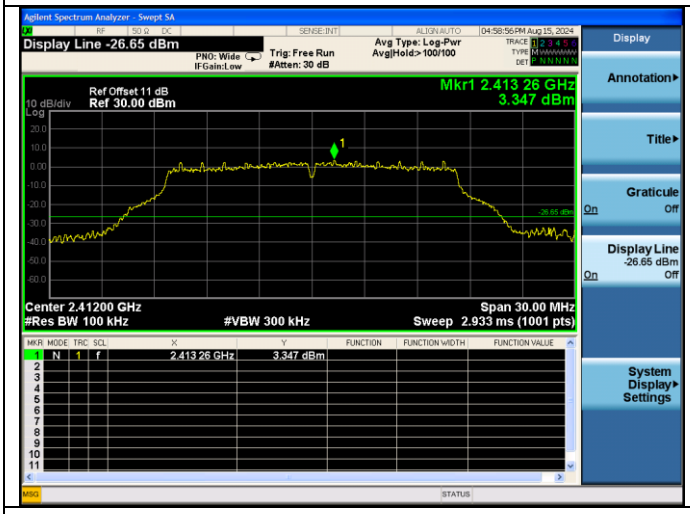
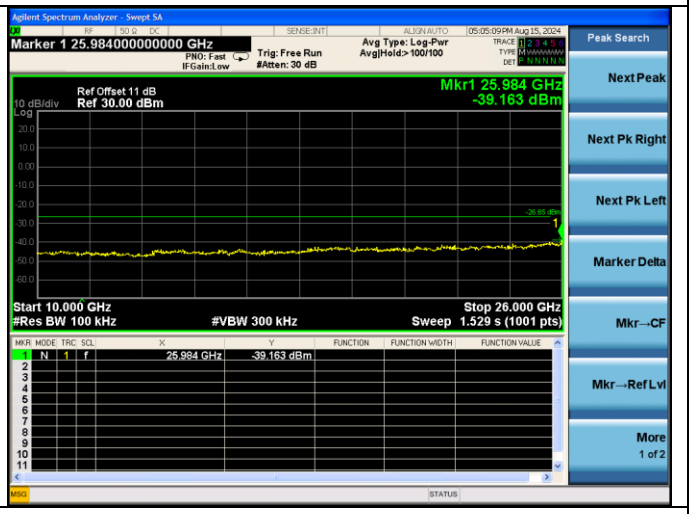
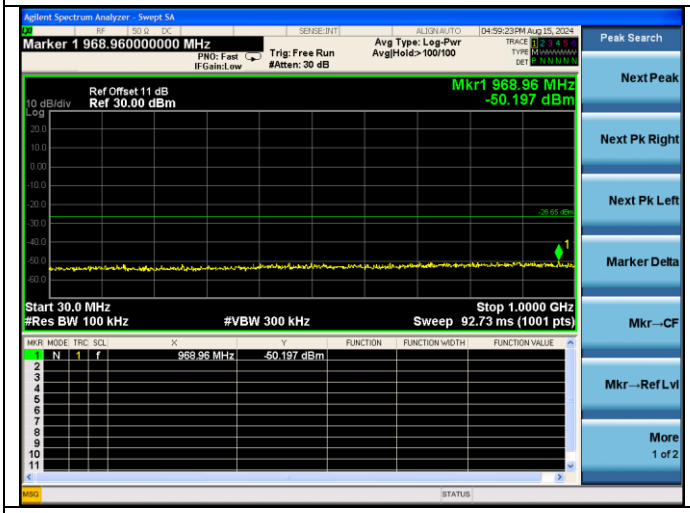
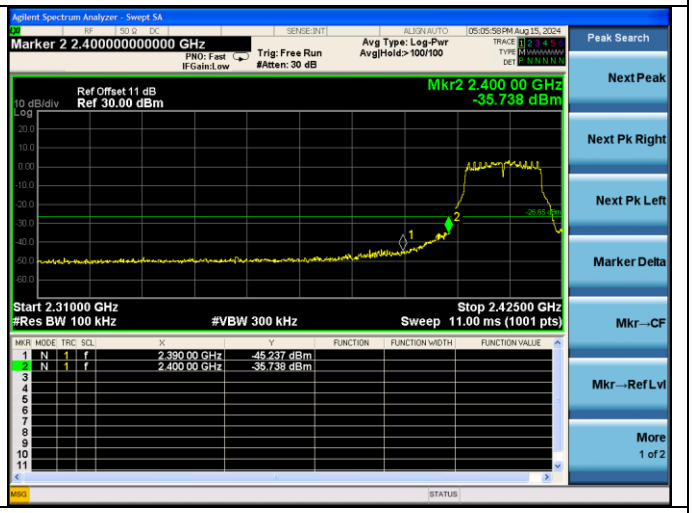
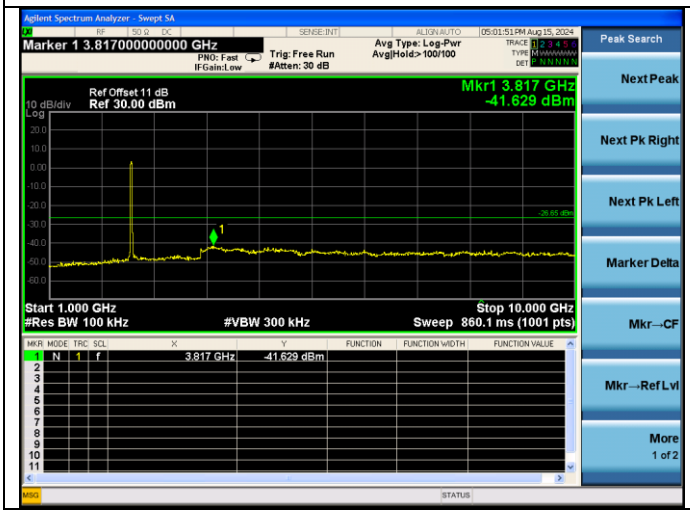
Test Mode: IEEE 802.11g Test CH1: 2412MHz	
	
	

	---

Test CH6: 2437MHz