

FCC PART 15E TEST REPORT FOR CERTIFICATION

On Behalf of

Acer Incorporated

Notebook Computer

N24G4

FCC ID: HLZN24G4

Brand : acer; Gateway

Prepared for : Acer Incorporated
8F., No.88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei
City 221 Taiwan

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

Tel: (0755) 26639496

Report Number : ACS-F25046
Date of Test : Feb.19 ~ Mar.08,2025
Date of Report : Mar.18, 2025

TABLE OF CONTENTS

Description	Page
1. SUMMARY OF STANDARDS AND RESULTS	5
1.1. Description of Standards and Results	5
2. GENERAL INFORMATION.....	6
2.1. Description of Equipment Under Test	6
2.2. Feature of Equipment Under Test	7
2.3. Test Information.....	8
2.4. Tested Supporting System Details	10
2.5. Block diagram of connection between the EUT and simulators.....	11
2.6. Test Equipments.....	12
2.7. Test Facility.....	13
2.8. Measurement Uncertainty (95% confidence levels, k=2).....	13
3. POWER LINE CONDUCTED EMISSION TEST	14
3.1. Block Diagram of Test Setup	14
3.2. Power Line Conducted Emission Test Limits.....	14
3.3. Configuration of EUT on Test	14
3.4. Operating Condition of EUT.....	15
3.5. Test Procedure.....	15
3.6. Power Line Conducted Emission Test Results	15
4. RADIATED EMISSION TEST	17
4.1. Block Diagram of Test Setup	17
4.2. Radiated Emission Limit.....	18
4.3. EUT Configuration on Test.....	19
4.4. Operating Condition of EUT.....	19
4.5. Test Procedure.....	19
4.6. Radiated Emission Test Results	21
5. BAND EDGE COMPLIANCE TEST	107
5.1. Limit	107
5.2. Test Procedure.....	107
5.3. Test Results	107
6. 6dB & 26dB & 99% Occupied Bandwidth Test	158
6.1. Limit	158
6.2. Test Procedure.....	158
6.3. Test Results	159
7. OUTPUT POWER TEST	171
7.1. Limit	171
7.2. Test Procedure.....	171
7.3. Test Results	172
8. SPECTRAL DENSITY TEST.....	181
8.1. Limit	181
8.2. Test Procedure.....	181
8.3. Test Results	182
9. FREQUENCY STABILITY MEASUREMENT	191
9.1. Limit	191
9.2. Test Procedure.....	191
9.3. Test Result.....	192
10. ANTENNA REQUIREMENT.....	200
10.1. Standard Applicable	200
10.2. Antenna Connected Construction	200
11. DEVIATION TO TEST SPECIFICATIONS	201

Appendix A. Photograph of Test
Appendix B. Photo of the EUT

TEST REPORT

Applicant : Acer Incorporated
Manufacturer : Acer Incorporated
Product : Notebook Computer
FCC ID : HLZN24G4
(A) Model No. : N24G4
(B) Brand : acer; Gateway
(C) Test Voltage : AC 120V/60Hz

Tested for comply with:
FCC CFR47 Part 15 Subpart E

Test procedure used:
ANSI C63.10:2020+Cor1:2023
KDB 789033 D02 General UNII Test Procedures New Rules v02r01

The device described above is tested by Audix Technology (Shenzhen) Co., Ltd. to confirm comply with all the FCC Part 15 Subpart E 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 requirements. This report contains data that are not covered by the NVLAP accreditation.

This Report is made under FCC Part 2.1074. No modifications were required during testing to bring this product into compliance.

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.

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.

Date of Test : Feb.19 ~ Mar.08,2025 Date of Report: Mar.18, 2025

Prepared by : Jasmine Ning Reviewed by : Thomas Chen
Jasmine Ning / Assistant Thomas Chen / Assistant Manager



Approved & Authorized Signer : Sunny Lu / Manager

1. SUMMARY OF STANDARDS AND RESULTS

1.1. Description of Standards and Results

The EUT have 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 FCC Part 15: 15.407(b)(9)	PASS
Radiated Emission	FCC Part 15: 15.209 FCC Part 15: 15.205 FCC Part 15.407(b)	PASS
Band Edge Compliance	FCC Part 15: 15.407(b) FCC Part 15.205	PASS
6dB&26dB&99% Bandwidth Test	FCC Part 15: 15.407(e)	PASS
Output Power Test	FCC Part 15: 15.407(a)	PASS
Equivalent Isotropic Radiated Power Test	FCC Part 15: 15.407	PASS
Power Spectral Density Test	FCC Part 15: 15.407(a)	PASS
Frequency Stability	FCC Part 15: 15.407(g)	PASS
Antenna requirement	FCC Part 15: 15.203	PASS

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

2. GENERAL INFORMATION

2.1. Description of Equipment Under Test

Applicant	Acer Incorporated
Applicant Address	8F., No.88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221 Taiwan
Manufacturer	Acer Incorporated
Manufacturer Address	8F., No.88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei City 221 Taiwan
Product	Notebook Computer
Model No.	N24G4
Brand	acer; Gateway
FCC ID	HLZN24G4
Sample Type	Prototype production
Date of Receipt	Feb.13, 2025
Date of Test	Feb.19 ~ Mar.08,2025
Remark: This report only for WIFI 5GHz.	

2.2.Feature of Equipment Under Test

Product Feature & Specification		
Product	Notebook Computer	
Model No.	N24G4	
Power Source	☒ Commercial Power	AC 100-240V,50/60Hz ,1.5A
	☒ External Power Source	DC 19V, 2.7A
	☐ Li-ion Battery	DC V
	☐ UM battery	DC V
5GHz Wi-Fi		
Support Modes	802.11a/n20/n40/ac20/ac40/ac80	
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	
Data Rate	802.11a: 6/9/12/18/24/36/48/54 Mbps; 802.11n: up to 300Mbps; 802.11ac: up to 867Mbps;	
Channel Separation	5MHz	
Antenna System		
Type of Antenna	PIFA Antenna	
Antenna Number	1	
Antenna Peak Gain	U-NII Band Peak Gain: 2.38dBi	
Remark: This report is for WiFi 5GHz radio specification only. EUT also supports other radio specification as below listed: BDR+EDR (Test report No. ACS-F25043) BLE (Test report No. ACS-F25044) WiFi 2.4GHz (Test report No. ACS-F25045) WiFi 5GHz (Test report No. ACS-F25046) SAR (Test report No. ACS-SF25004) DFS (Test report No. ACS-F25047)		

2.3.Test Information

A special test software (Realtek 1Iac B821C PCIE WLAN MP Diagnostic Program 0,0007,00,20190801) 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 802.11a	6	CH36	5180
	6	CH40	5200
	6	CH48	5240
	6	CH52	5260
	6	CH60	5300
	6	CH64	5320
	6	CH100	5500
	6	CH120	5600
	6	CH140	5700
	6	CH149	5745
	6	CH157	5785
	6	CH165	5825
IEEE 802.11n HT20	MCS0	CH36	5180
	MCS0	CH40	5200
	MCS0	CH48	5240
	MCS0	CH52	5260
	MCS0	CH60	5300
	MCS0	CH64	5320
	MCS0	CH100	5500
	MCS0	CH120	5600
	MCS0	CH140	5700
	MCS0	CH149	5745
	MCS0	CH157	5785
	MCS0	CH165	5825
IEEE 802.11n HT40	MCS0	CH38	5190
	MCS0	CH46	5230
	MCS0	CH54	5270
	MCS0	CH62	5310
	MCS0	CH102	5510
	MCS0	CH118	5590
	MCS0	CH134	5670
	MCS0	CH151	5755
	MCS0	CH159	5795

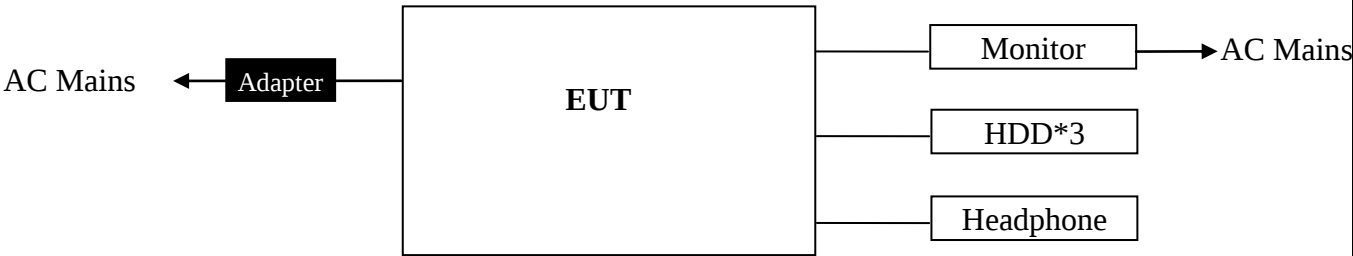
IEEE 802.11ac VHT20	MCS0	CH36	5180
	MCS0	CH40	5200
	MCS0	CH48	5240
	MCS0	CH52	5260
	MCS0	CH60	5300
	MCS0	CH64	5320
	MCS0	CH100	5500
	MCS0	CH140	5700
	MCS0	CH149	5745
	MCS0	CH157	5785
	MCS0	CH165	5825
IEEE 802.11ac VHT40	MCS0	CH38	5190
	MCS0	CH46	5230
	MCS0	CH54	5270
	MCS0	CH62	5310
	MCS0	CH102	5510
	MCS0	CH118	5590
	MCS0	CH134	5670
	MCS0	CH151	5755
	MCS0	CH159	5795
IEEE 802.11ac VHT80	MCS0	CH42	5210
	MCS0	CH58	5290
	MCS0	CH106	5530
	MCS0	CH122	5610
	MCS0	CH155	5775

Note : According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.

2.4. Tested Supporting System Details

No.	Description	ACS No.	Manufacturer	Model	Serial Number
1.	Monitor	---	ASUS	PB287	---
		HDMI Cable: Shielded, Detachable, 1.8m Power Cord: Unshielded, Detachable, 1.8m			
2.	HDD#1	ACS-EMC-HDD42	WD	WD Elements	WXA1A7396898
		Data Cable: Shielded, Detachable, 0.4m			
3.	HDD#2	ACS-EMC-HDD43	WD	WD Elements	WX31E63TU717
		Data Cable: Shielded, Detachable, 0.4m			
4.	HDD#3	ACS-EMC-HDD34	WD	WD Elements	WCAV4302542
		Data Cable: Shielded, Detachable, 0.4m			
5.	Headphone	ACS-EMC-EP01	OVANN	0V-T880V	---
		Data Cable: Shielded, Detachable, 4.0m			
6.	Notebook	N/A	ACER	ZOW	N/A
		Power Cord(3C): Unshielded, Detachable, 1.8m Power Adapter: Manufacturer: Lite-On, M/N: PA-1900-32 Data Cable: Shielded, Undetectable, 4.0m(Bond one ferrite core)			

2.5. Block diagram of connection between the EUT and simulators
for power line conducted emission and radiated emission test:



for the other test items:



(EUT: Notebook Computer)

2.6.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.	Signal Analyzer	Rohde & Schwarz	FSV40	101608	Nov.07,24	1 Year
6.	L.I.S.N.#1	Rohde & Schwarz	ENV216	102160	Jun.19,24	1 Year
7.	RF Cable	Eastsheep	RG223	190424	Sep.13,24	1Year
8.	Tri-log-Broadband Antenna	SCHWARZBECK	VULB 9168	01313	Sep.26,24	1 Year
9.	NSA Cable	HUBER+SUHNER	CFD400NL-LW	No.3+190411	Sep.13,24	1 Year
10.	Coaxial Switch	Anritsu	MP59B	6201397223	Mar.17,24	1 Year
11.	RF Cable	TIMES MICROWAVE	SFT205-NMSM-1 0.00M	689241	Aug.13,24	1 Year
12.	EMI Test Receiver	Rohde & Schwarz	ESR3	101931	Mar.17,24	1 Year
13.	Amplifier	EMCI	EMC0518A45SE	980965	Aug.13,24	1 Year
14.	Amplifier	KEYSIGHT	83017A	39500711	Mar.16,24	1 Year
15.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Mar.16,24	1 Year
16.	RF Cable	HUBER+SUHNER	SUCOFLEX-106	190423	Mar.16,24	1 Year
17.	Attenuator(10dB)	eastsheep	2W-SMA-JK-6G-1 0dB	No. 4	Sep.15,24	1 Year
18.	Signal Analyzer	Rohde & Schwarz	FSV30	104050	Mar.17,24	1 Year
19.	Horn Antenna	ETC	MCTD 1209	DRH15F03006	Sep.08,24	1 Year

Note: N/A means Not applicable.

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

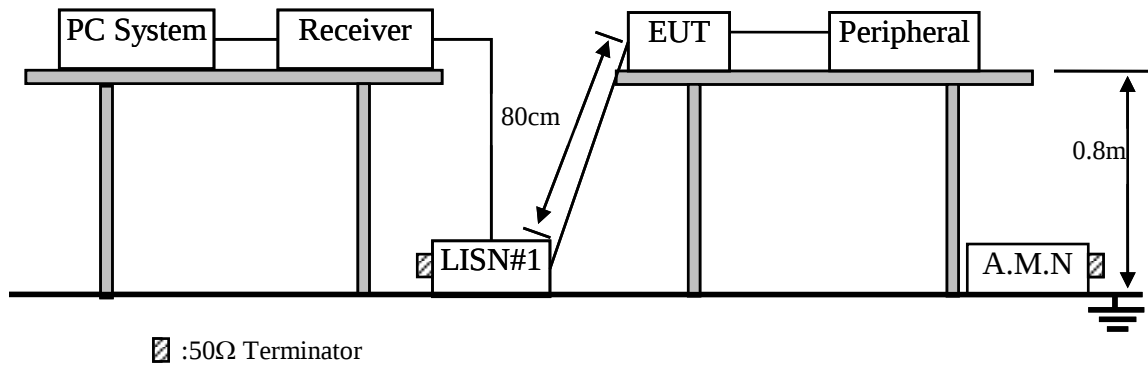
: Certificated by FCC, USA
Designation No: CN5022
Valid Date: Mar.31, 2025

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 S _{VSWR} in 3m chamber	± 2.8dB(1~6GHz, Distance: 3m)
	± 2.8dB(6~25GHz, Distance: 3m)
Uncertainty for Radiated Spurious Emission test in RF chamber	± 3.7dB(30MHz~1000MHz)
	± 3.3dB(1~26.5GHz)
Uncertainty for Conduction Spurious emission 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



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. Notebook Computer (EUT)

Model No. : N24G4
 Serial No. : N/A

3.3.2. Support Equipment: As Tested Supporting System Details, in Section 2.4.

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.

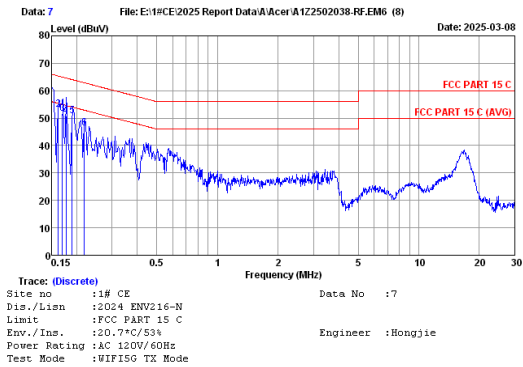
The frequency range from 150kHz to 30MHz is checked.

3.6. Power Line Conducted Emission Test Results

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

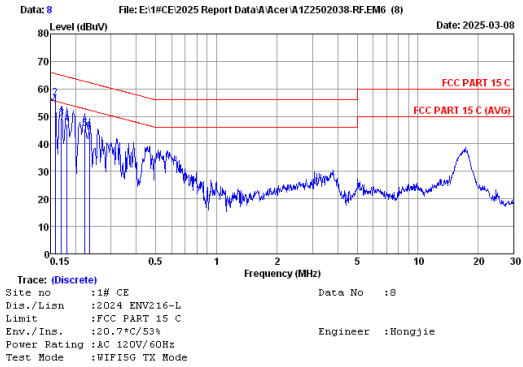
Note: The emissions reported worst case of four bands.

FCC ID: HLZN24G4



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	49.00	58.77	66.00	7.23	QP
2	0.162	9.76	0.01	43.30	53.07	65.36	12.29	QP
3	0.170	9.77	0.01	42.00	51.78	64.96	13.18	QP
4	0.177	9.77	0.01	40.90	50.68	64.63	13.95	QP
5	0.190	9.78	0.01	40.90	50.69	64.04	13.35	QP
6	0.218	9.78	0.01	36.70	46.49	62.89	16.40	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.



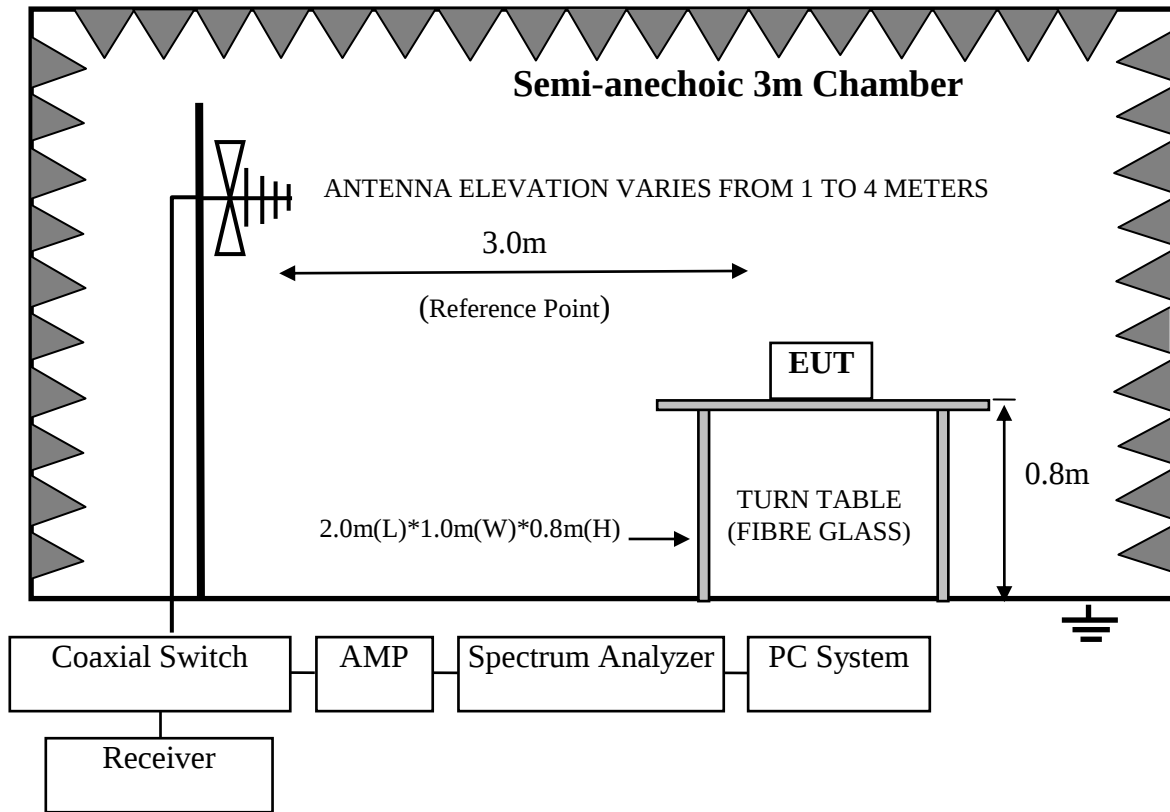
No	Freq (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.150	9.77	0.01	47.80	57.58	66.00	8.42	QP
2	0.158	9.77	0.01	46.80	56.58	65.57	8.99	QP
3	0.170	9.77	0.01	39.40	49.18	64.96	15.78	QP
4	0.181	9.76	0.01	37.60	47.37	64.44	17.07	QP
5	0.222	9.76	0.01	35.70	45.47	62.74	17.27	QP
6	0.234	9.76	0.01	34.60	44.37	62.31	17.94	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.

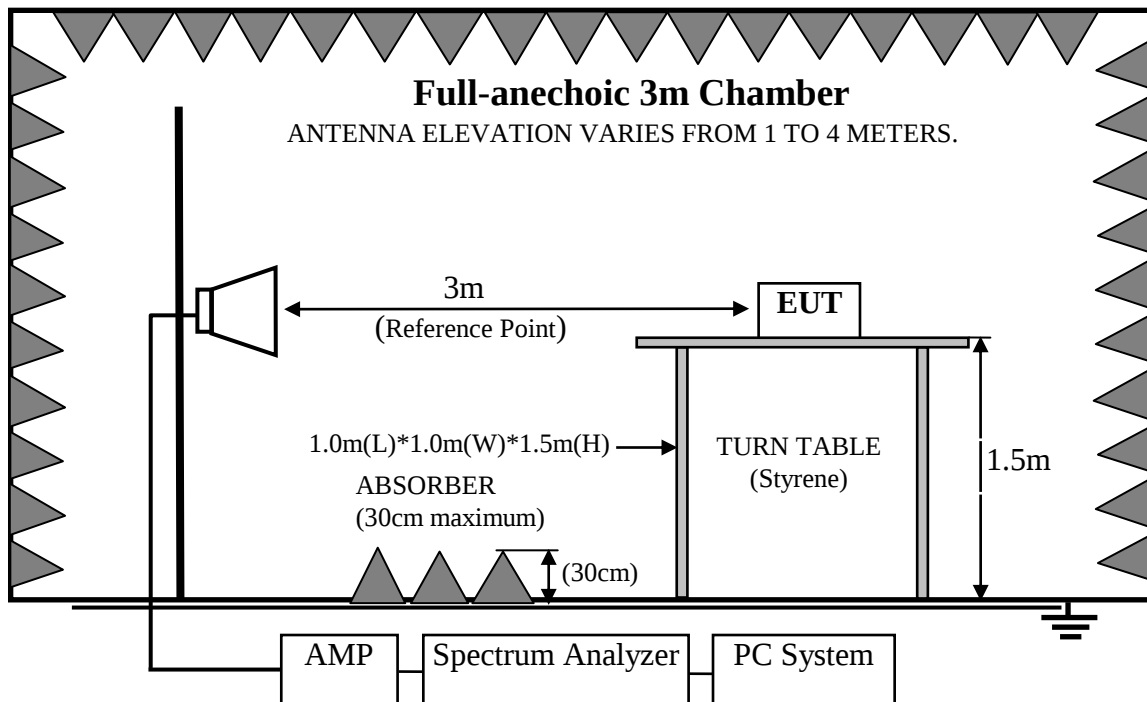
4. RADIATED EMISSION TEST

4.1. Block Diagram of Test Setup

For frequency range 30MHz-1000MHz



For frequency range 1GHz-40GHz



4.2. Radiated Emission Limit

For transmitters operating in the 5.15-5.25GHz; 5.25-5.35GHz; 5.47-5.725GHz, 5.725-5.850GHz band: all emissions outside of those band shall not exceed an EIRP of -27 dBm/MHz. Unwanted emissions below 1 GHz and those emissions appearing within 15.205 restricted frequency bands must comply with the general field strength limits set forth in Section 15.209

4.2.1. 15.209 limits

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V})/\text{m}$
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 $\text{dB}(\mu\text{V})/\text{m}$ (Peak) 54.0 $\text{dB}(\mu\text{V})/\text{m}$ (Average)	

Remarks : (1) Emission level $\text{dB}\mu\text{V} = 20 \log$ Emission level $\mu\text{V/m}$

(2) Emission Level ($\text{dB}\mu\text{V/m}$) = Reading (Receiver) ($\text{dB}\mu\text{V}$) + Antenna Factor (dB/m) + Cable Loss (dB) (Below 1000MHz)

Emission Level ($\text{dB}\mu\text{V/m}$) = Reading (Spectrum) ($\text{dB}\mu\text{V}$) + Antenna Factor (dB/m) – Amp Factor (dB) + Cable Loss (dB) (Above 1000MHz)

(3) The smaller limit shall apply at the cross point between two frequency bands.

(4) 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)

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.Notebook Computer (EUT)

Model No. : N24G4

Serial No. : N/A

4.3.2.Support Equipment: As Tested Supporting System Details, in Section 2.4.

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 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 Horn antenna is used as receiving antenna for frequency above 1GHz. Both horizontal and vertical polarization of the antenna is set on Test. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.10 on radiated emission Test.

For emissions below 1GHz and those emissions appearing within 15.205 restricted frequency bands use below procedure:

The bandwidth of the EMI test receiver is set at 120kHz for frequency range from 30MHz to 1000 MHz.

Maximum Peak emission levels are measured by setting the analyzer as follows:

- (a) RBW = 1 MHz.
- (b) VBW $\geq$ 3 MHz.
- (c) Detector = Peak.
- (d) Sweep time = auto.
- (e) Trace mode = max hold.
- (f) Allow sweeps to continue until the trace stabilizes. Note that if the transmission is not continuous, the time required for the trace to stabilize will increase by a factor of approximately $1/x$, where x is the duty cycle. For example, at 50% duty cycle, the measurement time will increase by a factor of two relative to measurement time for continuous transmission.

Maximum Average emission levels are measured by setting the analyzer as follows:

- (a) RBW = 1 MHz.
- (b) VBW $\geq$ 3 MHz.
- (c) Detector = power averaging (rms), if $\text{span}/(\# \text{ of points in sweep}) \leq \text{RBW}/2$. Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If the condition is not satisfied, the detector mode shall be set to peak.
- (d) Averaging type = power averaging (rms)
As an alternative, the detector and averaging type may be set for linear voltage averaging. Some instruments require linear display mode to use linear voltage averaging. Log or dB averaging shall not be used.
- (e) Sweep time = auto.
- (f) Perform a trace average of at least 100 traces if the transmission is continuous. If the transmission is not continuous, the number of traces shall be increased by a factor of $1/x$, where x is the duty cycle. For example, with 50% duty cycle, at least 200 traces shall be averaged. (If a specific emission is demonstrated to be continuous—i.e., 100% duty cycle—rather than turning on and off with the transmit cycle, at least 100 traces shall be averaged.)
- (g) If tests are performed with the EUT transmitting at a duty cycle less than 98%, a correction factor shall be added to the measurement results prior to comparing to the emission limit to compute the emission level that would have been measured had the test been performed at 100% duty cycle. The correction factor is computed as follows:
 - If power averaging (rms) mode was used in step (iv) above, the correction factor is $10 \log (1/x)$, where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 3 dB must be added to the measured emission levels.
 - If linear voltage averaging mode was used in step (iv) above, the correction factor is $20 \log (1/x)$, where x is the duty cycle. For example, if the transmit duty cycle was 50%, then 6 dB must be added to the measured emission levels.
 - If a specific emission is demonstrated to be continuous (100% duty cycle) rather than turning on and off with the transmit cycle, no duty cycle correction is required for that emission.

For the emissions above 1GHz and not appearing within 15.205 restricted frequency bands use below procedure:

- (1).The maximum emission at 3m distance was measured and recorded with receive antenna in both vertical and horizontal by rotating the turntable and by lowering the receive antenna.
- (2).The EUT was then removed and replaced with a substitution antenna in the same position and the substitution antenna must have the same polarization with the receive antenna.
- (3). A signal which have the same frequency obtained in step 2 was fed to the substitution, the receive antenna was raised and lowered to obtain a maximum reading at the test receiver, the level of the signal generator was adjusted until the measured field strength level in step 2 was obtained, recorded the level of the signal generator.
- (4).Repeated step 4 with both antenna polarizations
- (5).The spurious emissions is equal to the power supplied by the signal generator and corrections due to the gain of the substitution antenna and the cable loss between the signal generator and the substitution antenna. or use procedure (6).
- (6). Per KDB789033 clause H 2)d).if the test distance is 3m,the $EIRP(dBm) = E(dB\mu V/m) - 95.2$
Get the result of all unwanted emission outside the restricted band is less than the -27dBm/MHz.

We had checked frequency range that is 30MHz to 10th harmonic (40GHz) and no any emissions were found from 18GHz to 40GHz, so the radiated emission from 18GHz to 40GHz were not record.

4.6.Radiated Emission Test Results

PASS.

All the emissions from 30MHz to 1 GHz were comply with RSS-GEN Table 4 limit.

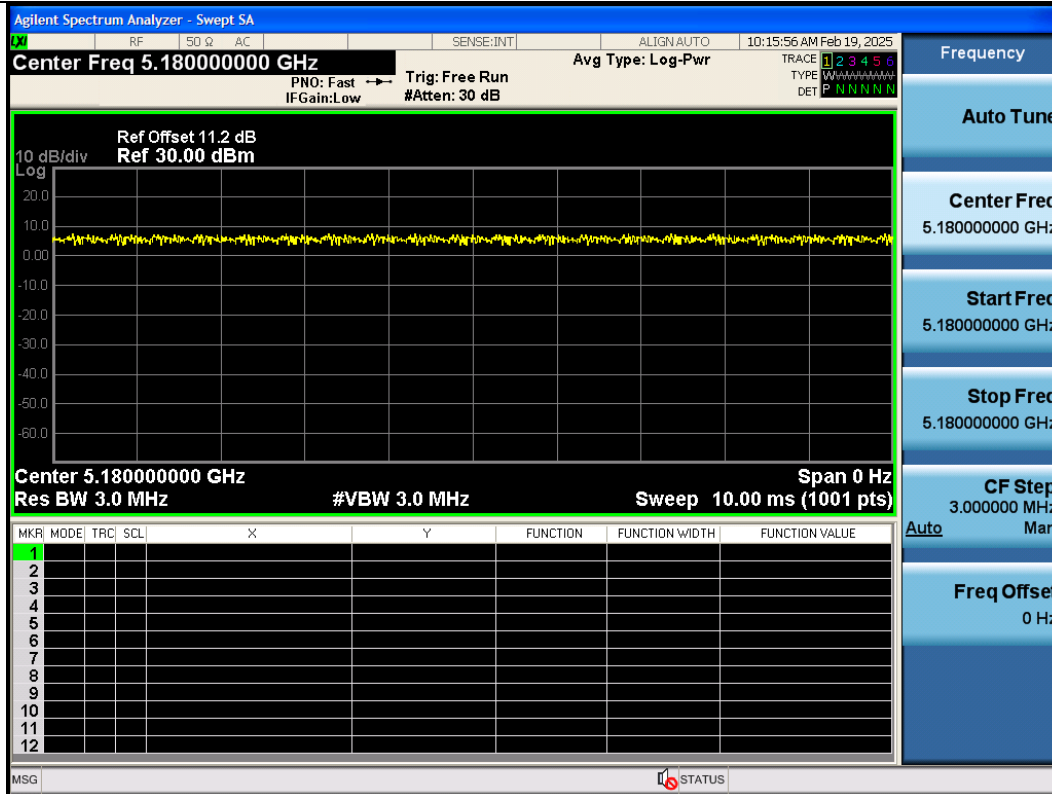
No any emissions were found from 18GHz to 40GHz. So the Radiated emission from 18GHz to 40GHz were not record.

Note 1: The emissions (9kHz~30MHz) not reported for there is no emission be found.

Note 2: The emissions (30-1000MHz) reported worst case of four bands.

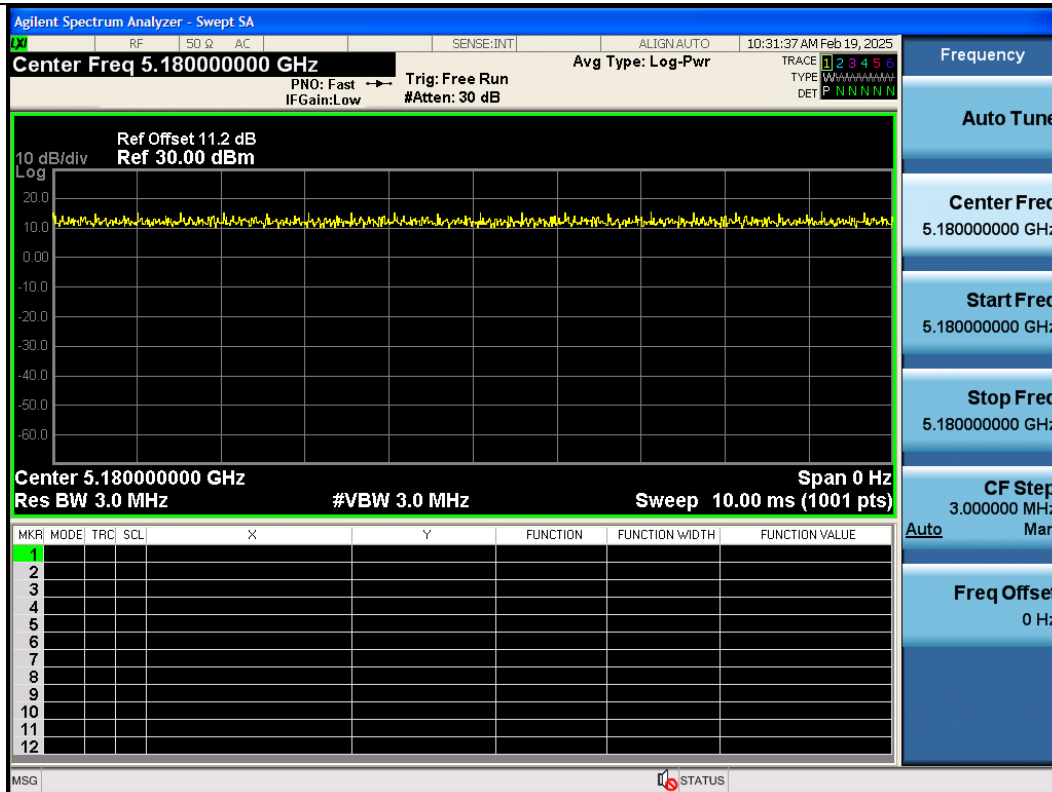
Duty cycle

11 a



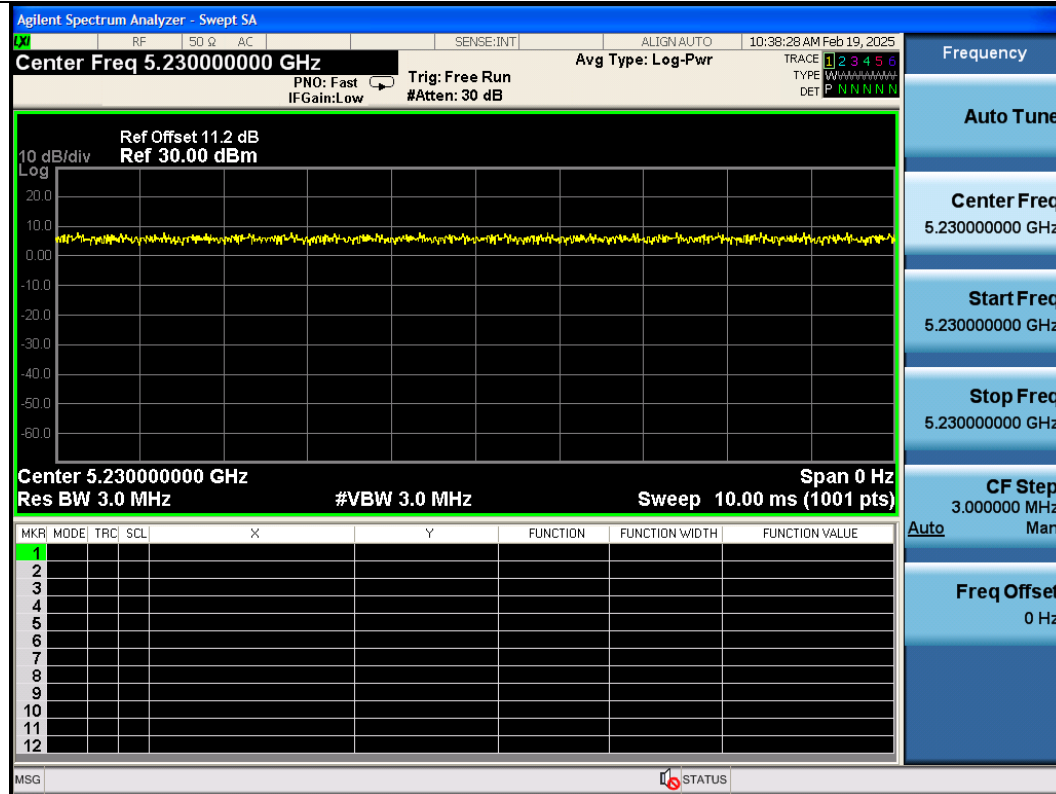
Note: The duty cycle is 100%.

11n HT20



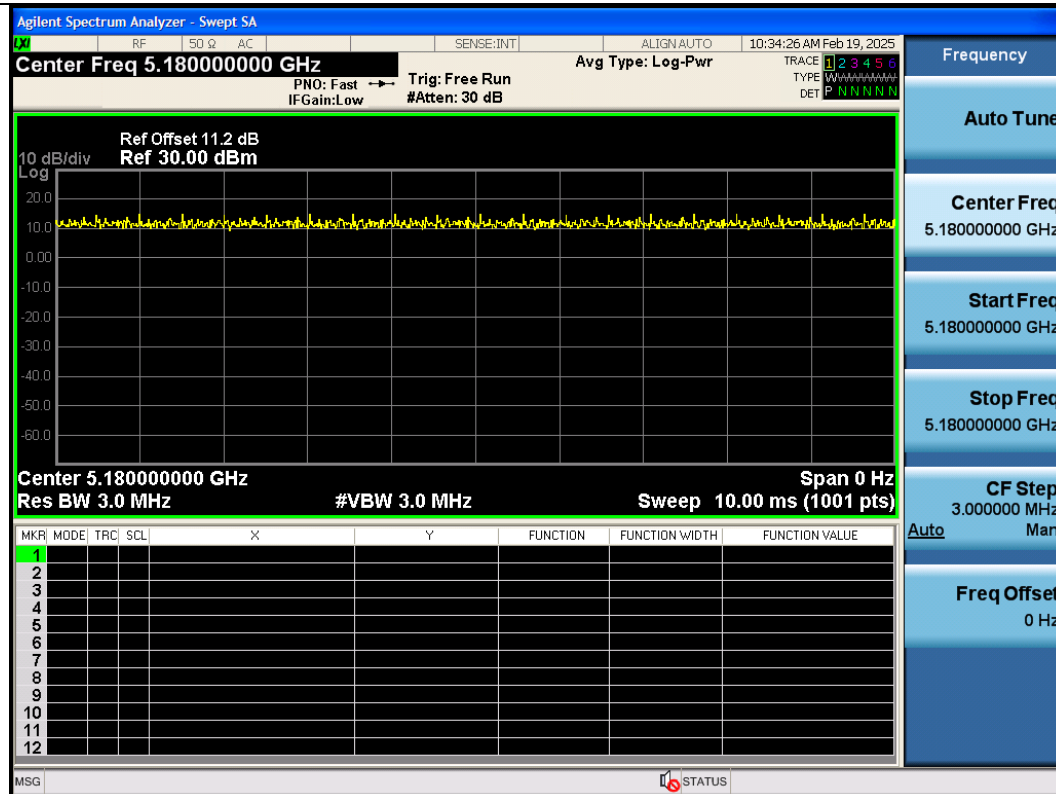
Note: The duty cycle is 100%.

11n HT40



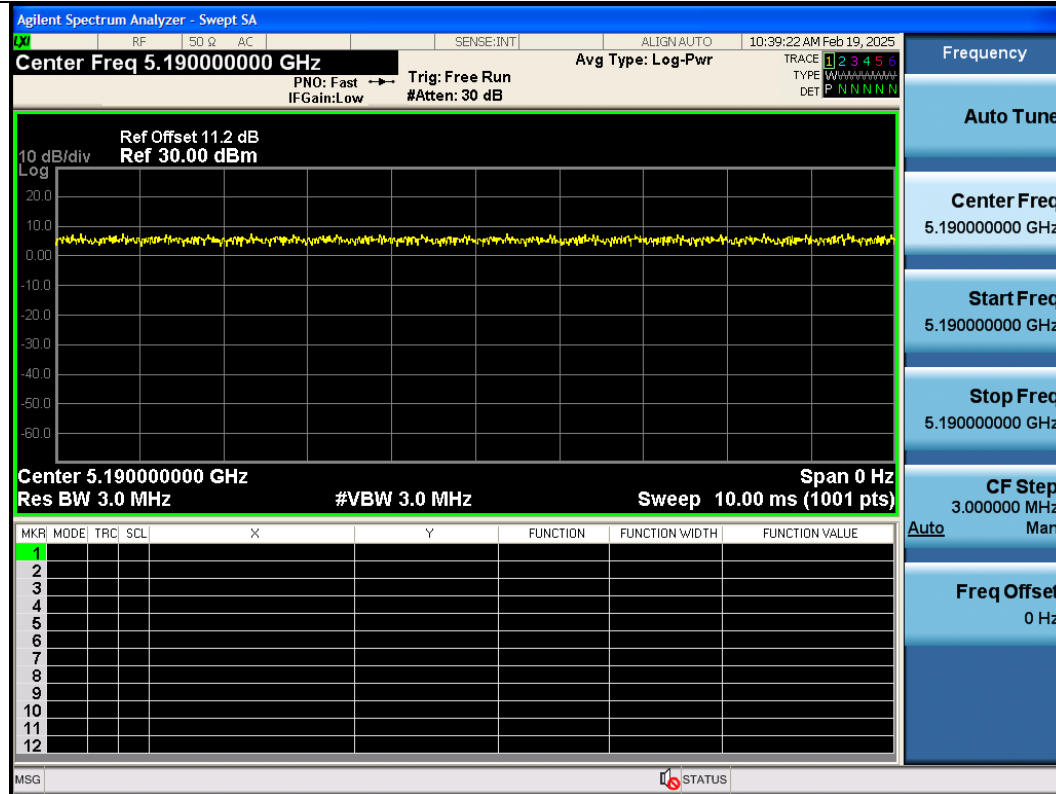
Note: The duty cycle is 100%.

11ac VHT20



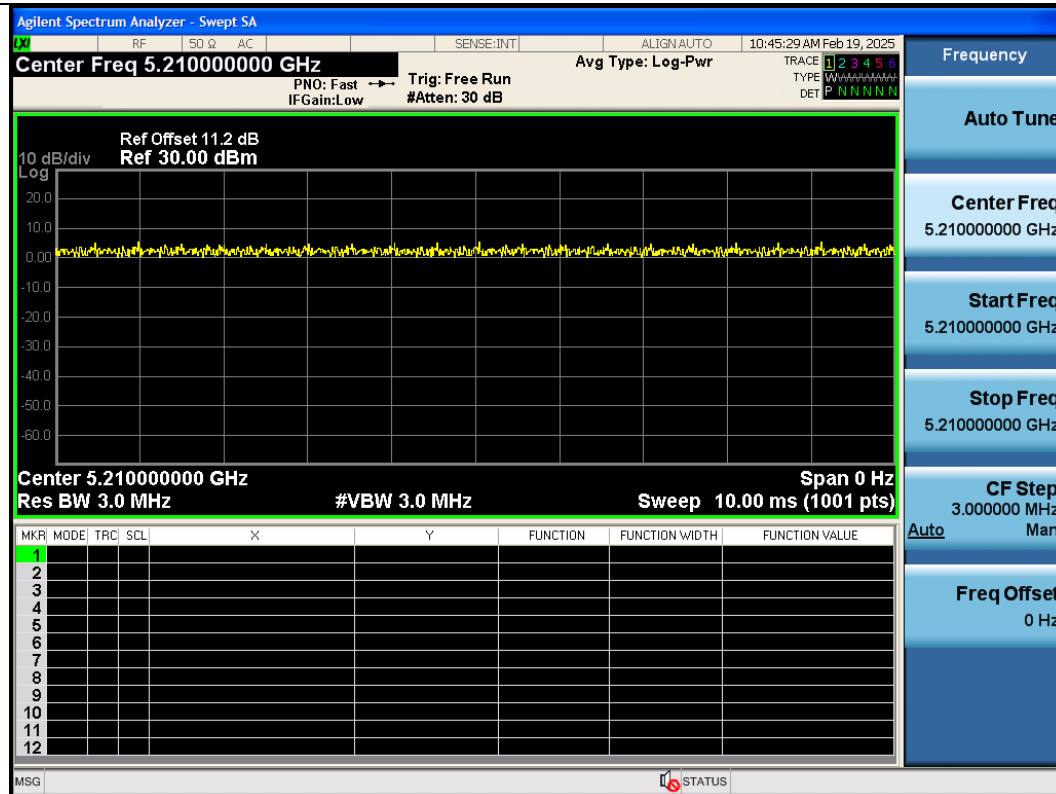
Note: The duty cycle is 100%.

11ac VHT40



Note: The duty cycle is 100%.

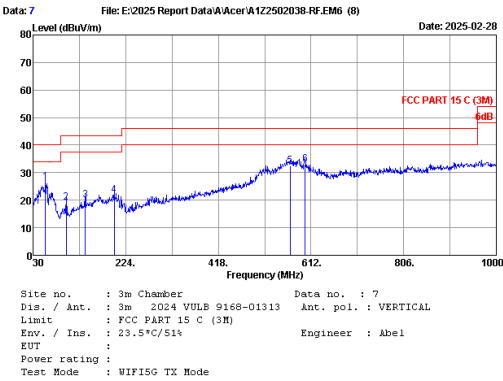
11ac VHT80



Note: The duty cycle is 100%.

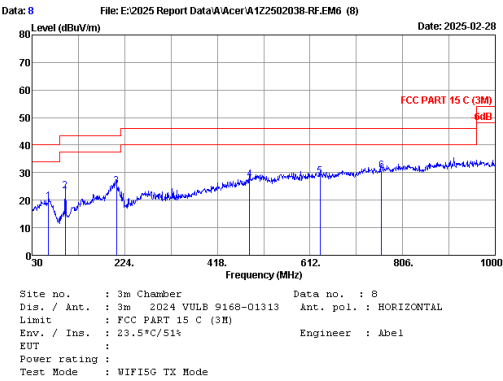
FCC ID: HLZN24G4

Frequency: 30MHz~1GHz



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	56.190	19.60	0.86	6.15	26.61	40.00	13.39	QP
2	99.840	14.98	1.11	3.15	19.24	43.50	24.26	QP
3	139.610	18.66	1.31	0.05	20.02	43.50	23.48	QP
4	199.750	15.92	1.61	4.32	21.85	43.50	21.65	QP
5	568.350	24.73	3.52	4.27	32.52	46.00	13.48	QP
6	599.390	25.68	3.64	3.84	33.16	46.00	12.84	QP

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

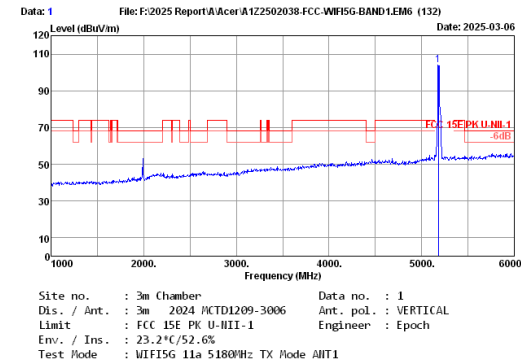


No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	64.920	18.42	0.92	0.08	19.42	40.00	20.58	QP
2	99.840	14.98	1.11	7.10	23.19	43.50	20.31	QP
3	206.540	15.74	1.64	7.65	25.03	43.50	18.47	QP
4	485.900	23.80	3.19	0.43	27.42	46.00	18.58	QP
5	633.340	26.53	3.80	-1.66	28.67	46.00	17.33	QP
6	761.380	28.06	4.21	-1.59	30.68	46.00	15.32	QP

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

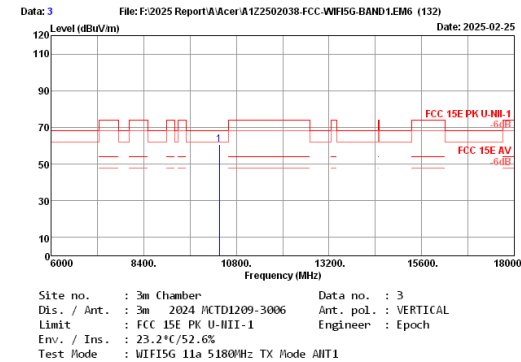
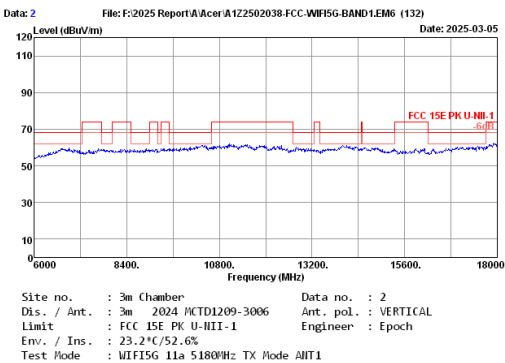
FCC ID: HLZN24G4

Frequency: 1GHz~18GHz
U-NII-1 Band:



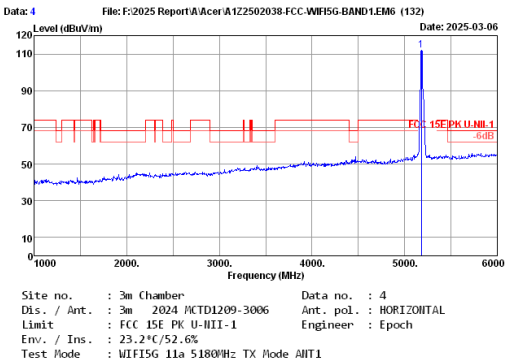
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	5180.00	33.32	7.35	30.63	93.83	103.87			Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	10360.00	38.54	8.18	31.35	45.23	60.60	68.20	7.60	Peak

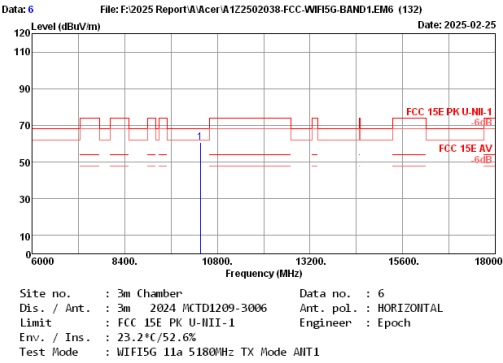
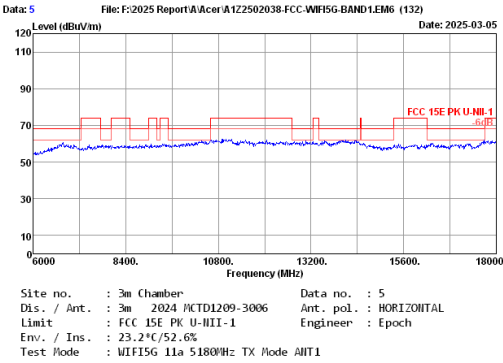
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	5180.00	33.32	7.35	30.63	101.82	111.86			Peak

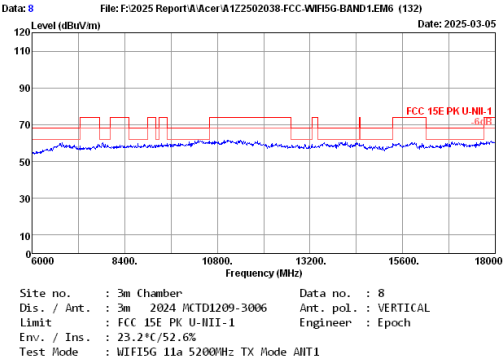
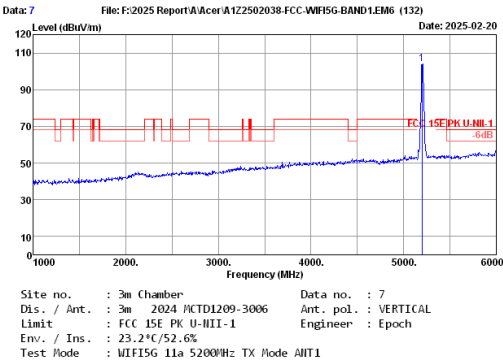
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10360.00	38.54	8.18	31.35	45.46	60.83	68.20	7.37	Peak

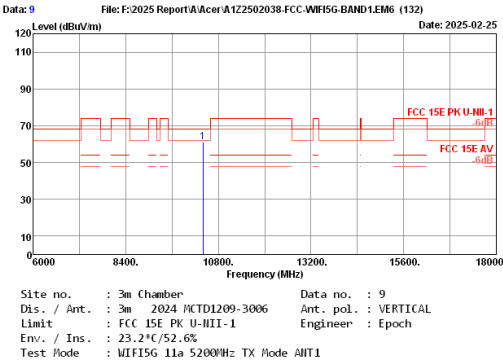
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5200.00	33.40	7.36	30.66	94.08	104.18	-----	-----	Peak

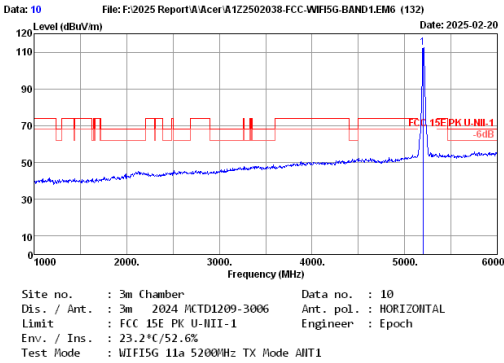
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported

FCC ID: HLZN24G4



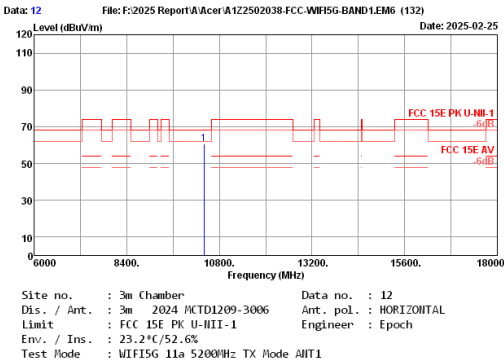
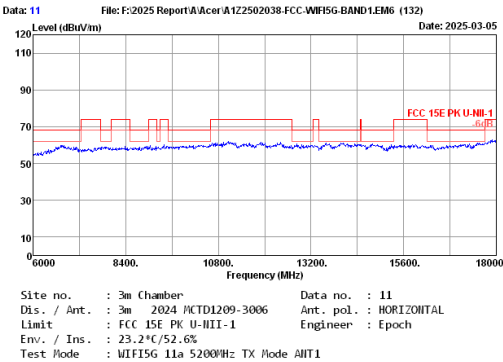
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10400.00	38.50	8.18	31.28	45.54	60.94	68.20	7.26	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5200.00	33.40	7.36	30.66	102.38	112.48	-----	-----	Peak

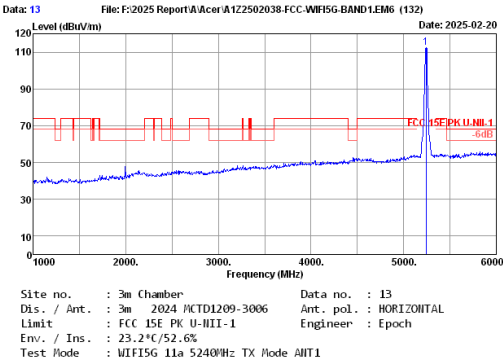
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10400.00	38.50	8.18	31.28	45.21	60.61	68.20	7.59	Peak

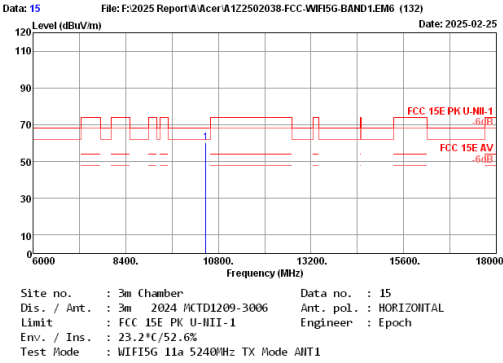
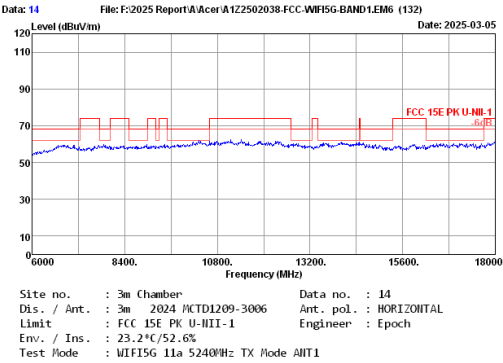
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



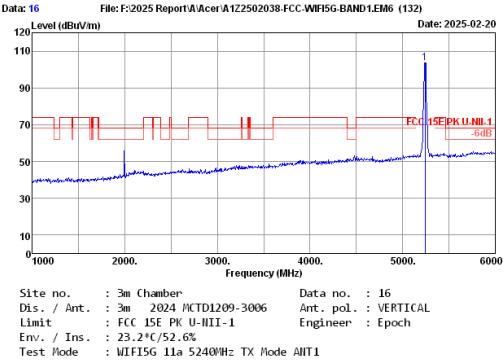
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.00	33.48	7.38	30.71	102.41	112.56	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10480.00	38.50	8.18	31.14	44.59	60.13	68.20	8.07	Peak

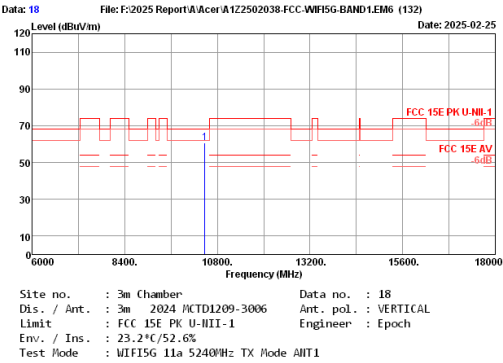
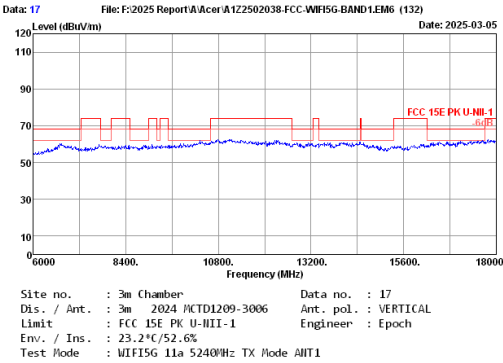
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.00	33.48	7.38	30.71	93.61	103.76	-----	-----	Peak

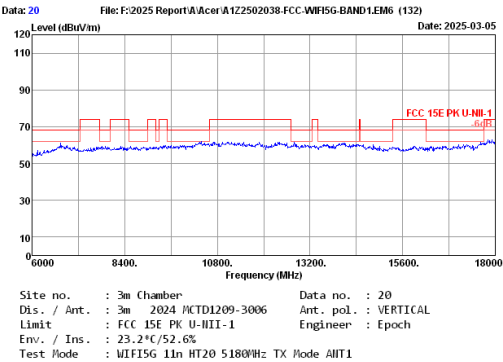
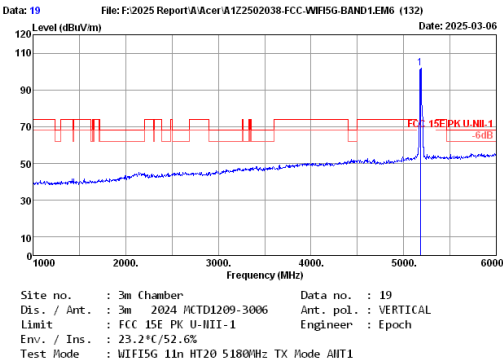
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10480.00	38.50	8.18	31.14	45.14	60.68	68.20	7.52	Peak

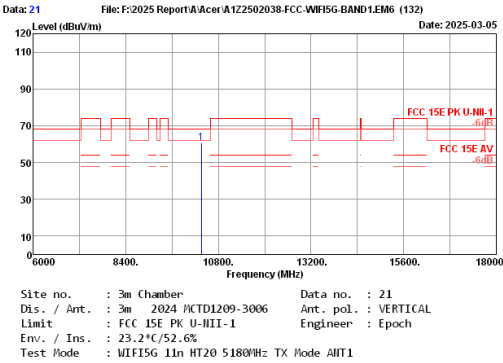
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5180.00	33.32	7.35	30.63	91.68	101.72	-----	-----	Peak

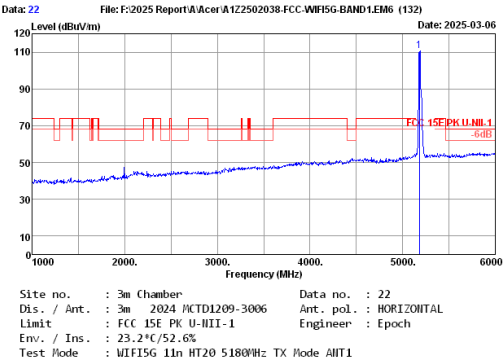
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



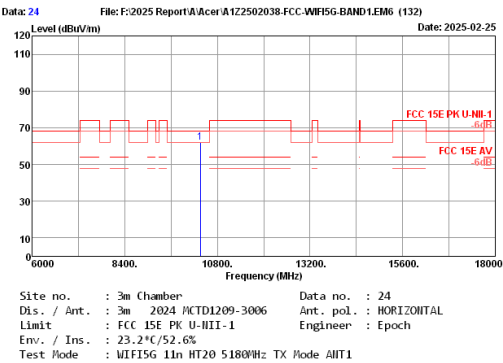
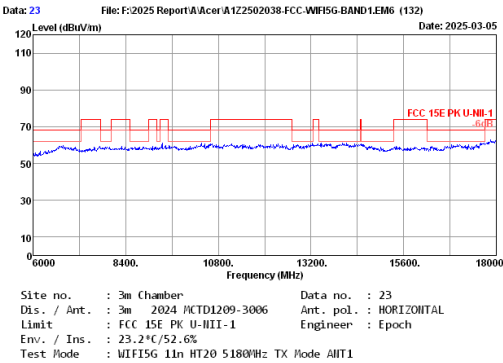
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10360.00	38.54	8.18	31.35	45.47	60.84	68.20	7.36	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5180.00	33.32	7.35	30.63	100.60	110.64	-----	-----	Peak

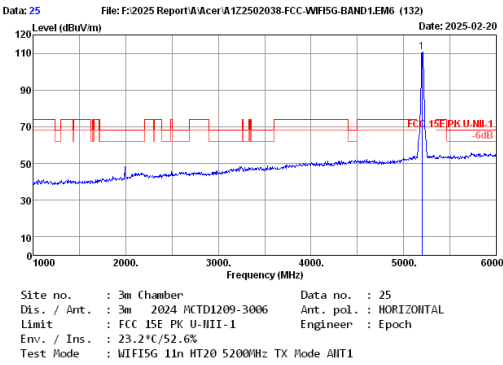
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10360.00	38.54	8.18	31.35	46.53	61.90	68.20	6.30	Peak

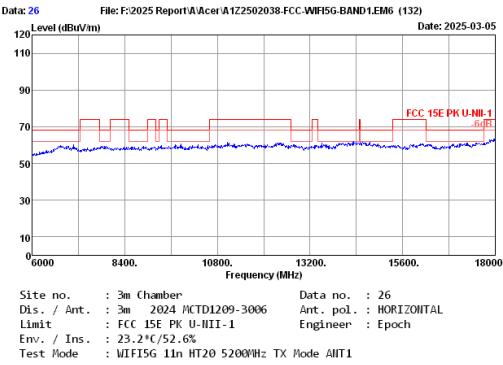
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



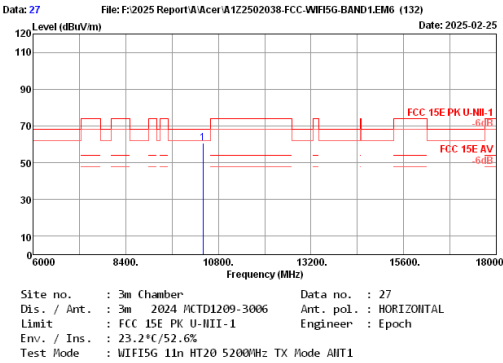
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Margin		Remark
							Limits (dBuV/m)	Limits (dB)	
1	5200.00	33.40	7.36	30.66	100.78	110.88			Peak

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



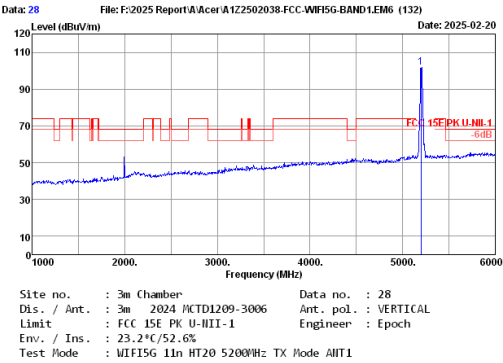
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Margin		Remark
							Limits (dBuV/m)	Limits (dB)	
1	5200.00	33.40	7.36	30.66	100.78	110.88			Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Margin		Remark
							Limits (dBuV/m)	Limits (dB)	
1	10400.00	38.50	8.18	31.28	45.10	60.50	68.20	7.70	Peak

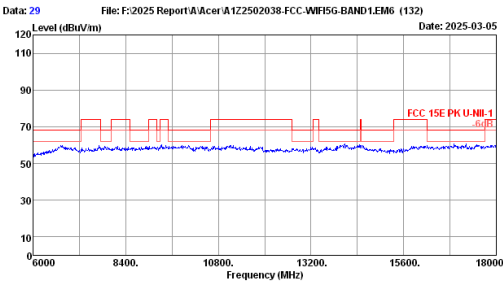
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported



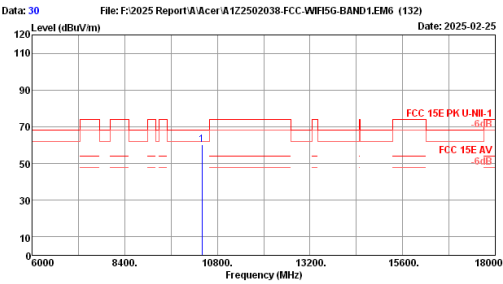
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Margin		Remark
							Limits (dBuV/m)	Limits (dB)	
1	5200.00	33.40	7.36	30.66	91.64	101.74			Peak

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

FCC ID: HLZN24G4



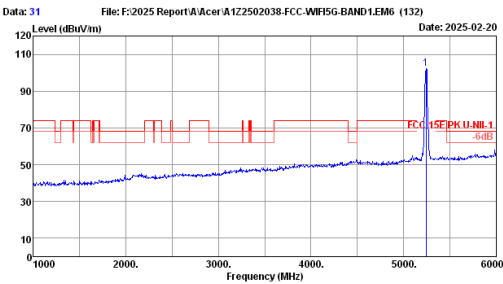
Site no. : 3m Chamber Data no. : 29
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5200MHz TX Mode AHT1



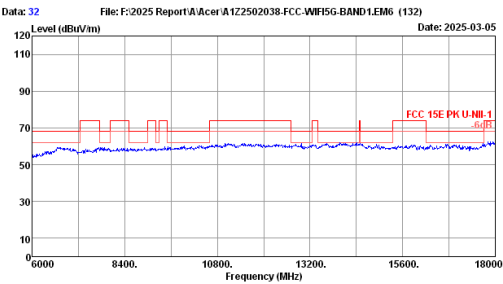
Site no. : 3m Chamber Data no. : 30
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5200MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10400.00	38.50	8.18	31.28	44.82	60.22	68.20	7.98	Peak

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



Site no. : 3m Chamber Data no. : 31
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5240MHz TX Mode AHT1

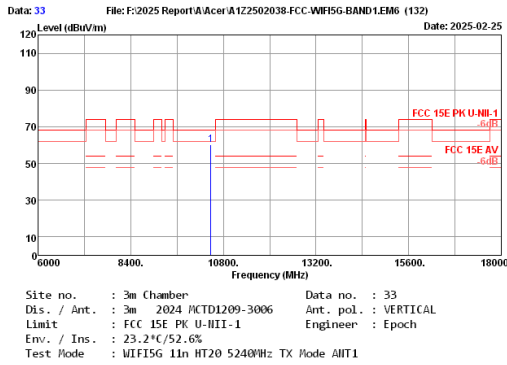


Site no. : 3m Chamber Data no. : 32
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5240MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.00	33.48	7.38	30.71	91.93	102.08	-----	-----	Peak

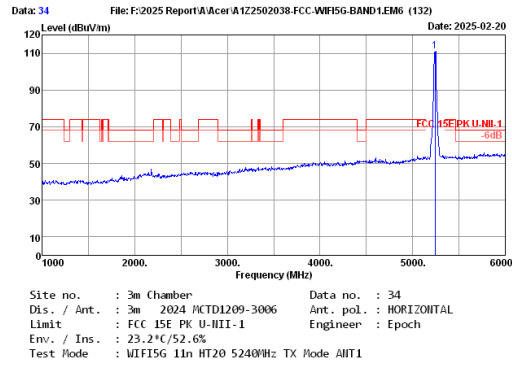
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



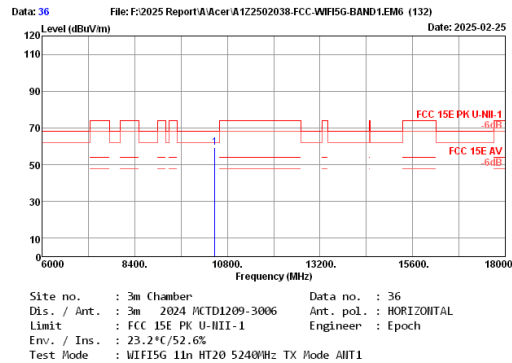
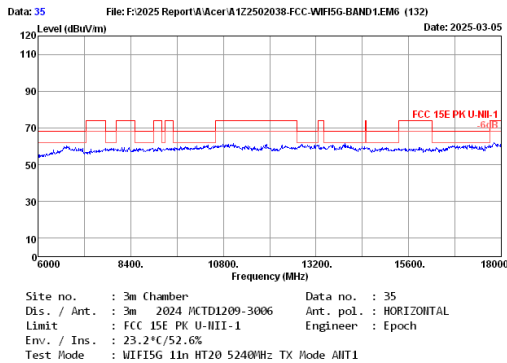
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10480.00	38.50	8.18	31.14	44.47	60.01	68.20	8.19	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.00	33.48	7.38	30.71	100.84	110.99			Peak

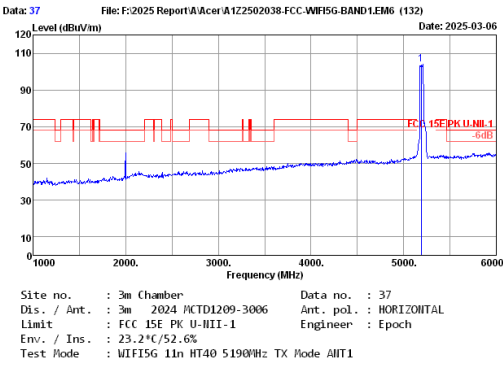
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10480.00	38.50	8.18	31.14	43.98	59.52	68.20	8.68	Peak

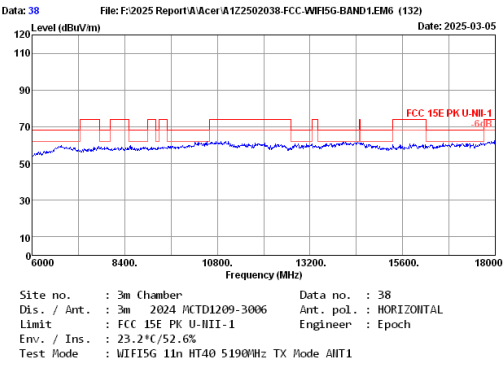
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



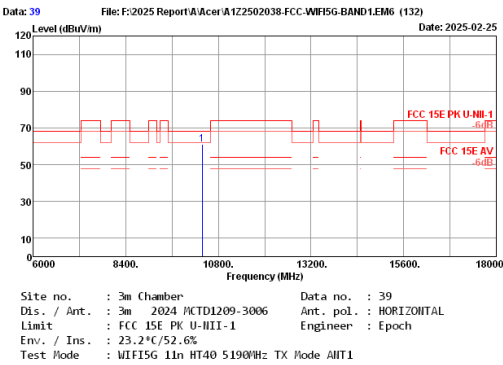
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5190.00	33.36	7.36	30.65	93.83	103.90	-----	-----	Peak

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



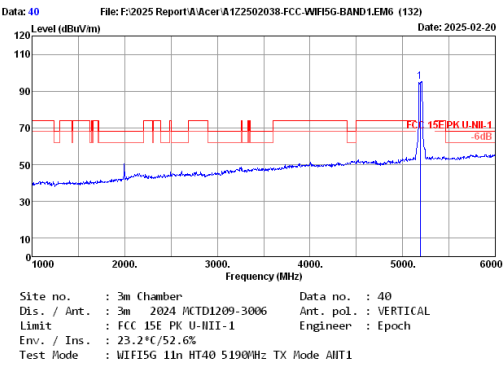
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5190.00	33.36	7.36	30.65	93.83	103.90	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10380.00	38.52	8.18	31.32	45.83	61.21	68.20	6.99	Peak

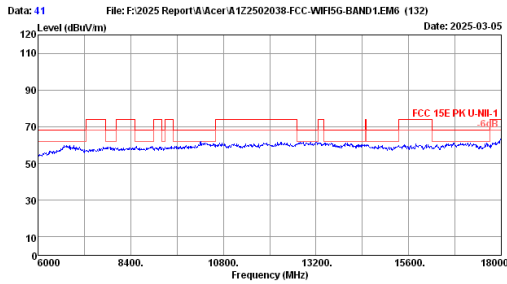
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



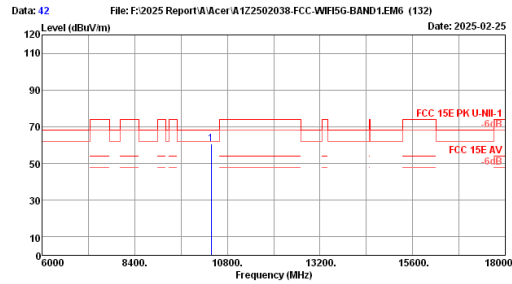
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5190.00	33.36	7.36	30.65	84.99	95.06	-----	-----	Peak

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

FCC ID: HLZN24G4



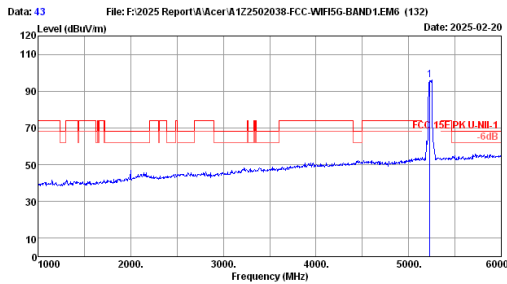
Site no. : 3m Chamber Data no. : 41
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5190MHz TX Mode AHT1



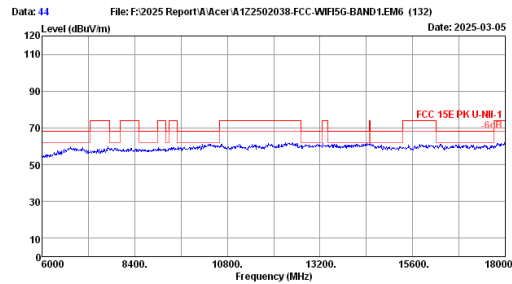
Site no. : 3m Chamber Data no. : 42
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5190MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10380.00	38.52	8.18	31.32	45.45	60.83	68.20	7.37	Peak

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



Site no. : 3m Chamber Data no. : 43
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5230MHz TX Mode AHT1

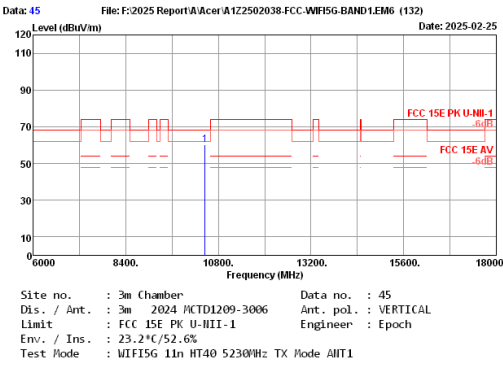


Site no. : 3m Chamber Data no. : 44
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5230MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5230.00	33.46	7.38	30.70	86.03	96.17	-----	-----	Peak

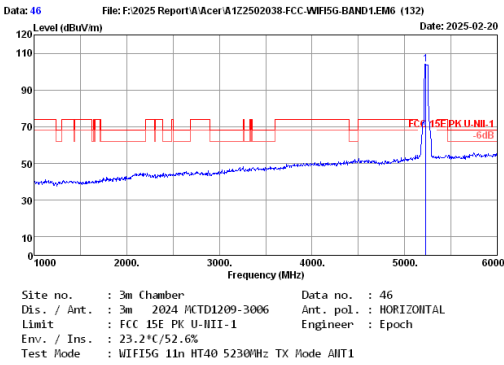
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



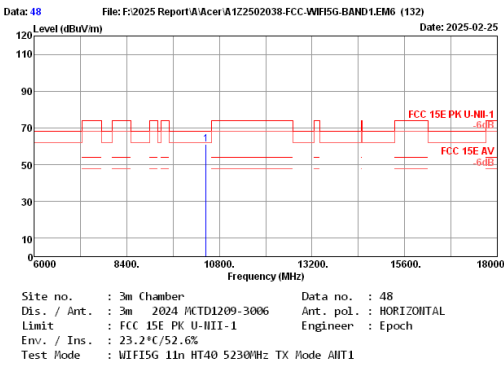
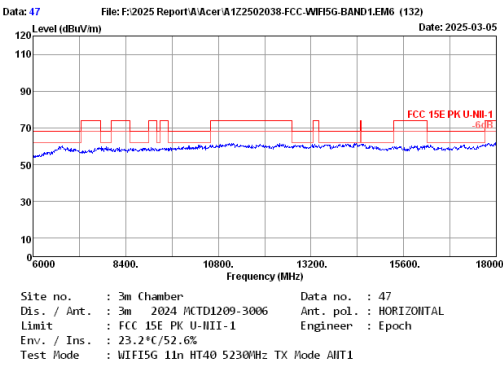
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10460.00	38.50	8.18	31.17	44.89	60.40	68.20	7.80	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5230.00	33.46	7.38	30.70	94.09	104.23			Peak

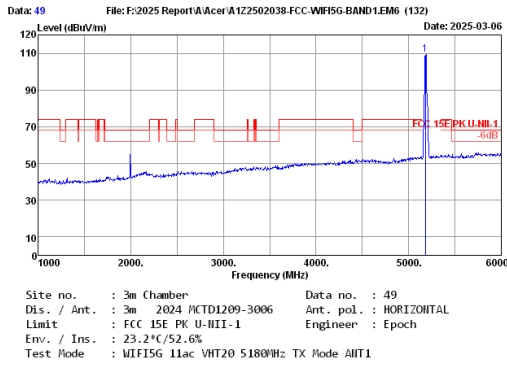
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10460.00	38.50	8.18	31.17	45.66	61.17	68.20	7.03	Peak

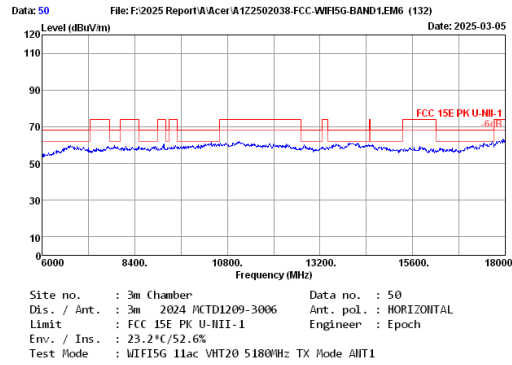
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



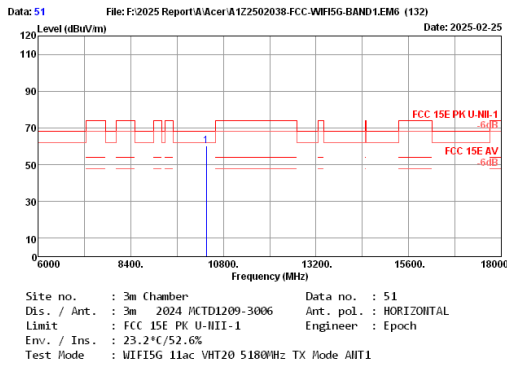
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5180.00	33.32	7.35	30.63	99.19	109.23	-----	-----	Peak

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



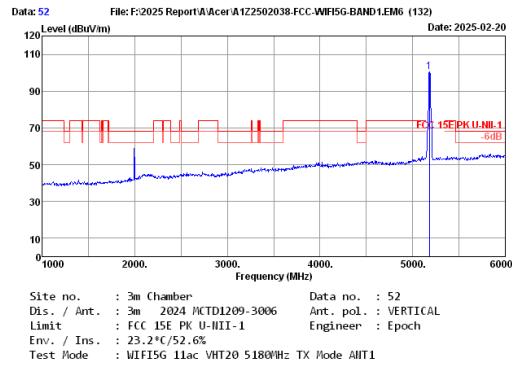
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5180.00	33.32	7.35	30.63	99.19	109.23	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10360.00	38.54	8.18	31.35	45.03	60.40	68.20	7.80	Peak

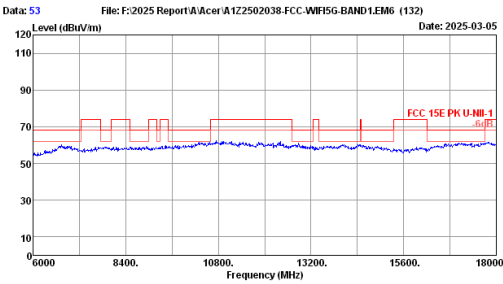
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



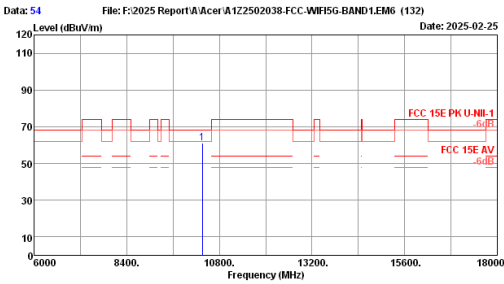
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5180.00	33.32	7.35	30.63	90.64	100.68	-----	-----	Peak

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

FCC ID: HLZN24G4



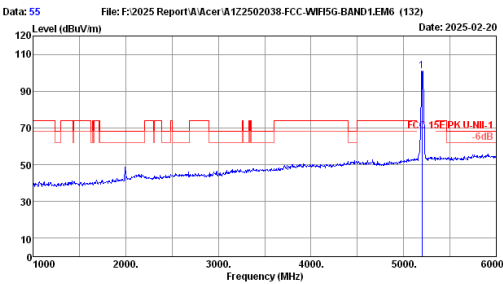
Site no. : 3m Chamber Data no. : 53
 Dis. / Ant. : 3m 2024 #CTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5180MHz TX Mode AHT1



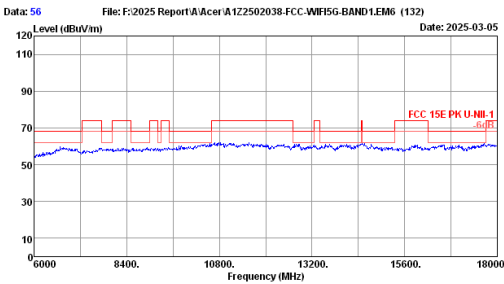
Site no. : 3m Chamber Data no. : 54
 Dis. / Ant. : 3m 2024 #CTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5180MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	10960.00	38.54	8.18	31.35	45.91	61.28	68.20	6.92	Peak

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



Site no. : 3m Chamber Data no. : 55
 Dis. / Ant. : 3m 2024 #CTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5200MHz TX Mode AHT1

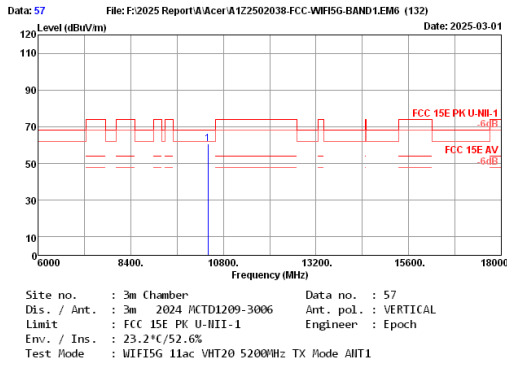


Site no. : 3m Chamber Data no. : 56
 Dis. / Ant. : 3m 2024 #CTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5200MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	5200.00	33.40	7.36	30.66	91.02	101.12	-----	-----	Peak

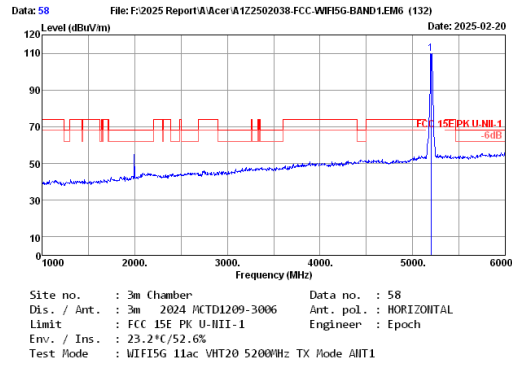
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official
 limit are not reported

FCC ID: HLZN24G4



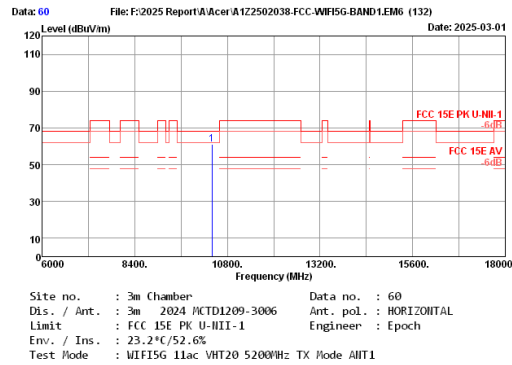
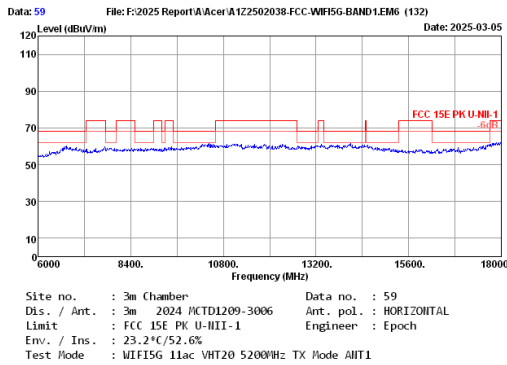
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10400.00	38.50	8.18	31.28	45.32	60.72	68.20	7.48	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5200.00	33.40	7.36	30.66	99.84	109.94			Peak

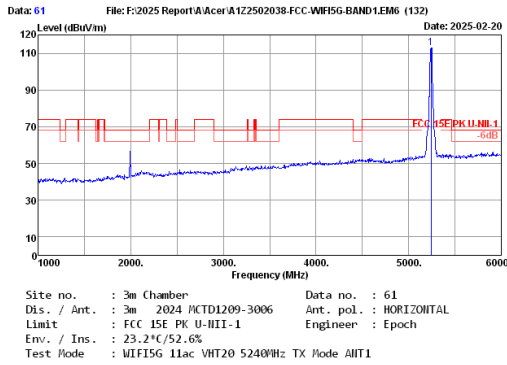
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10400.00	38.50	8.18	31.28	45.54	60.94	68.20	7.26	Peak

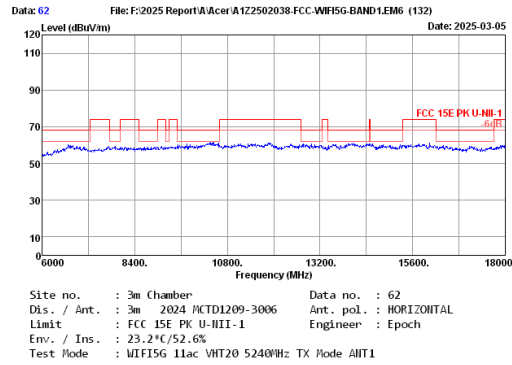
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



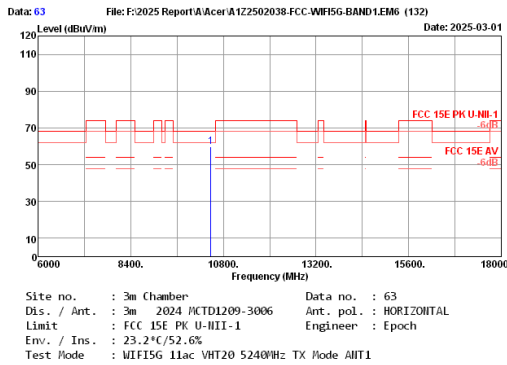
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.00	33.48	7.38	30.71	102.95	113.10	-----	-----	Peak

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



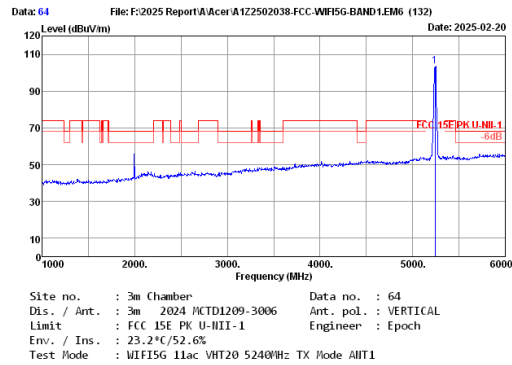
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.00	33.48	7.38	30.71	102.95	113.10	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10480.00	38.50	8.18	31.14	44.39	59.93	68.20	8.27	Peak

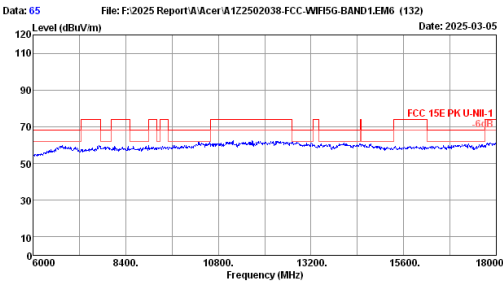
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



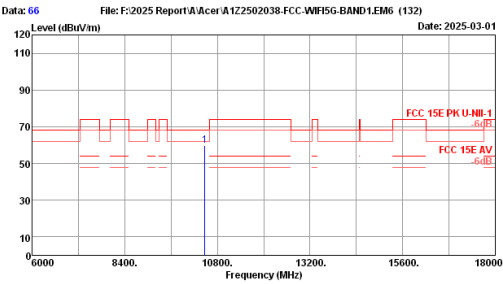
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5240.00	33.48	7.38	30.71	93.50	103.65	-----	-----	Peak

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

FCC ID: HLZN24G4



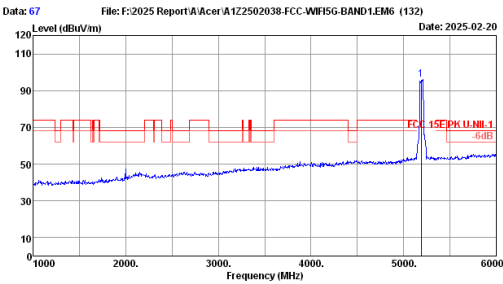
Site no. : 3m Chamber Data no. : 65
Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11ac VHT20 5240MHz TX Mode AHT1



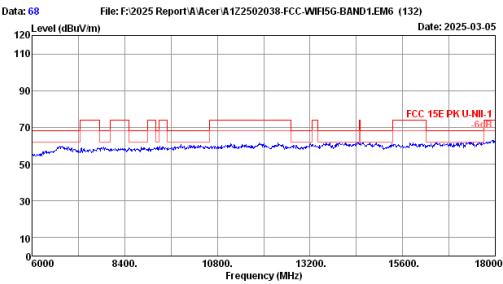
Site no. : 3m Chamber Data no. : 66
Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11ac VHT20 5240MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10480.00	38.50	8.18	31.14	44.30	59.84	68.20	8.36	Peak

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



Site no. : 3m Chamber Data no. : 67
Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11ac VHT40 5190MHz TX Mode AHT1

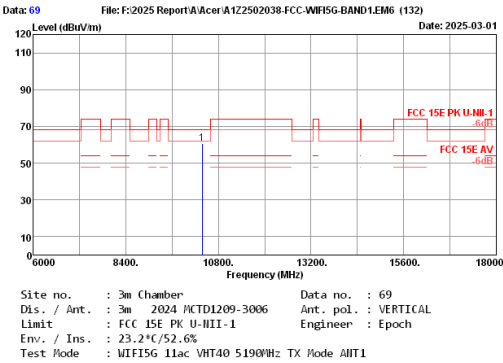


Site no. : 3m Chamber Data no. : 68
Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC 15E PK U-NIL-1 Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11ac VHT40 5190MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5190.00	33.36	7.36	30.65	85.97	96.04			Peak

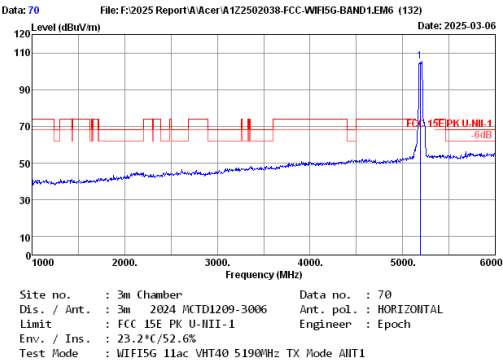
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



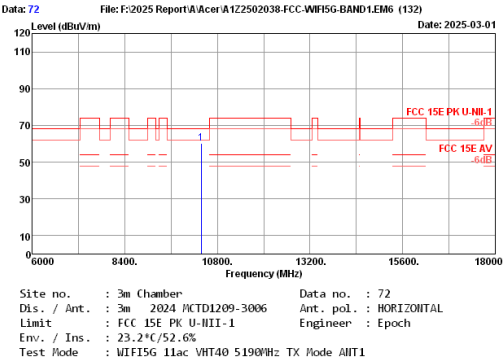
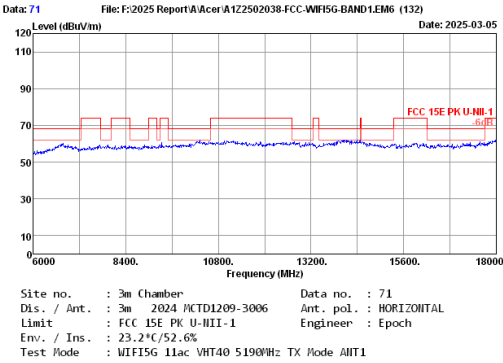
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10380.00	38.52	8.18	31.32	45.23	60.61	68.20	7.59	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5190.00	33.36	7.36	30.65	95.48	105.55	-----	-----	Peak

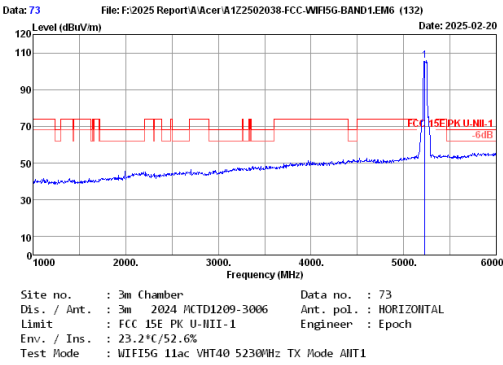
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10380.00	38.52	8.18	31.32	45.06	60.44	68.20	7.76	Peak

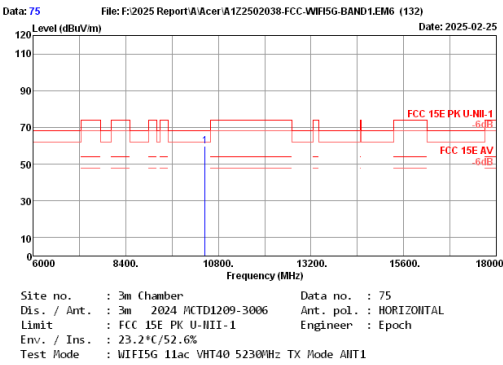
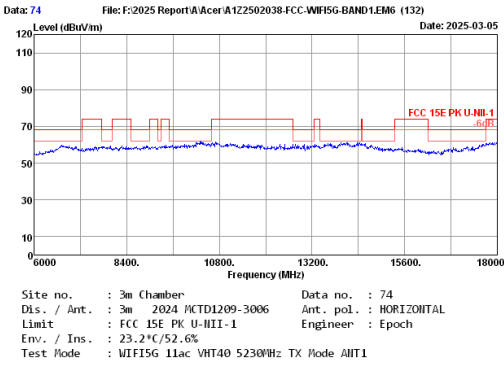
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



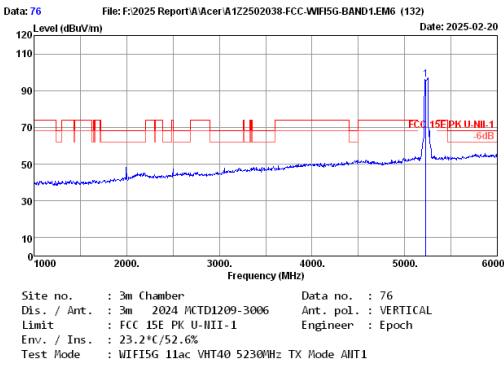
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5230.00	33.46	7.38	30.70	95.90	106.04	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10460.00	38.50	8.18	31.17	44.47	59.98	68.20	8.22	Peak

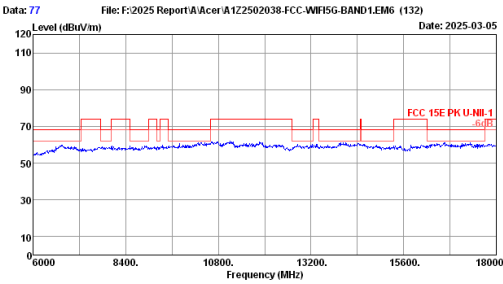
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



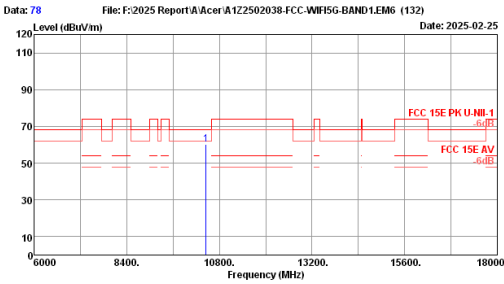
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5230.00	33.46	7.38	30.70	85.79	95.93	-----	-----	Peak

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

FCC ID: HLZN24G4



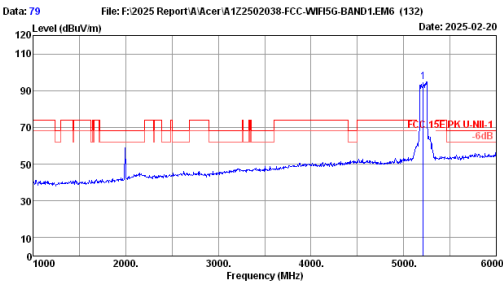
Site no. : 3m Chamber Data no. : 77
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT40 5230MHz TX Mode AHT1



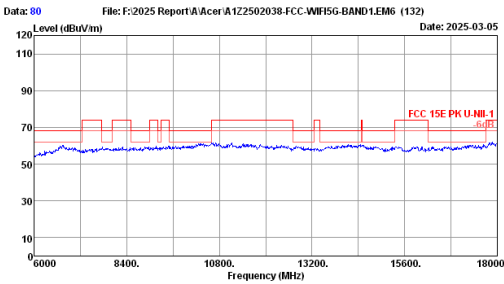
Site no. : 3m Chamber Data no. : 78
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT40 5230MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10460.00	38.50	8.18	31.17	44.67	60.18	68.20	8.02	Peak

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



Site no. : 3m Chamber Data no. : 79
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT80 5210MHz TX Mode AHT1

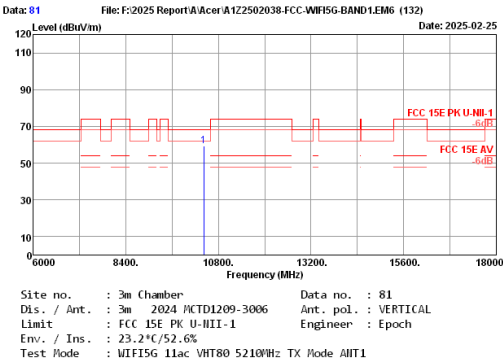


Site no. : 3m Chamber Data no. : 80
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-1 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT80 5210MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5210.00	33.42	7.37	30.67	84.75	94.87	-----	-----	Peak

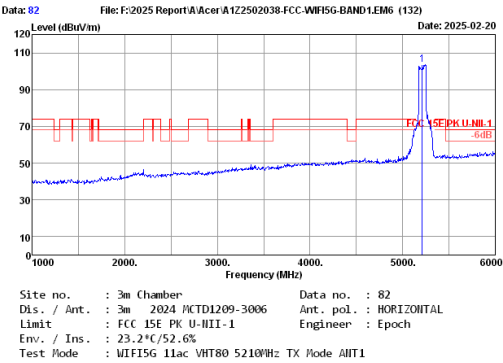
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



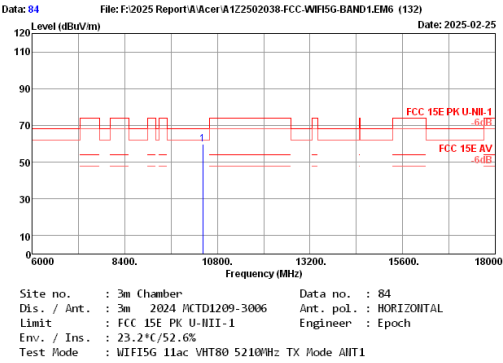
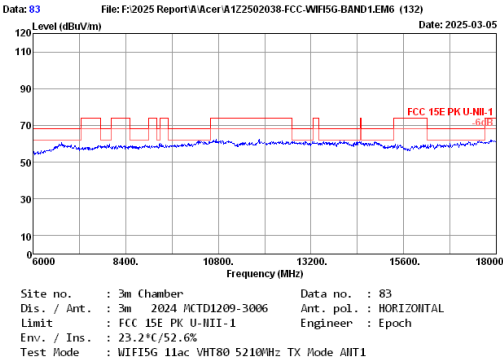
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10420.00	38.50	8.18	31.24	43.93	59.37	68.20	8.83	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5210.00	33.42	7.37	30.67	93.29	103.41	-----	-----	Peak

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

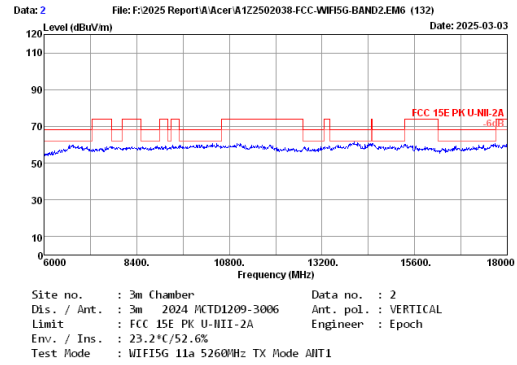
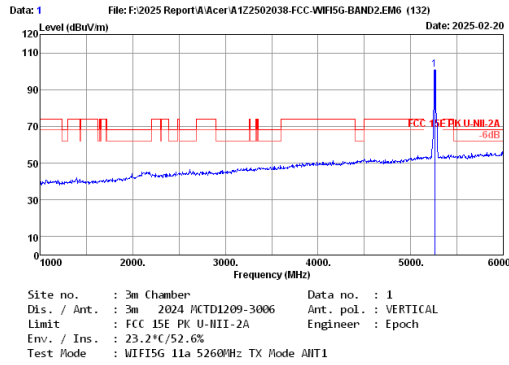


No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10420.00	38.50	8.18	31.24	44.46	59.90	68.20	8.30	Peak

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

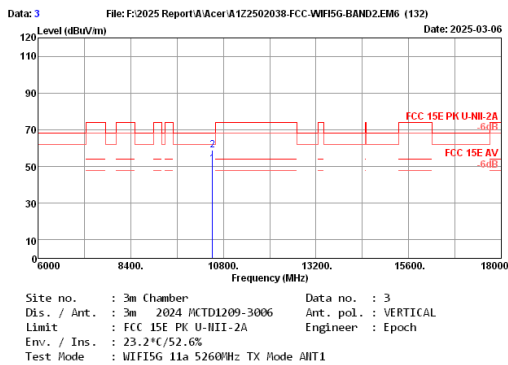
FCC ID: HLZN24G4

U-NII-2A Band:



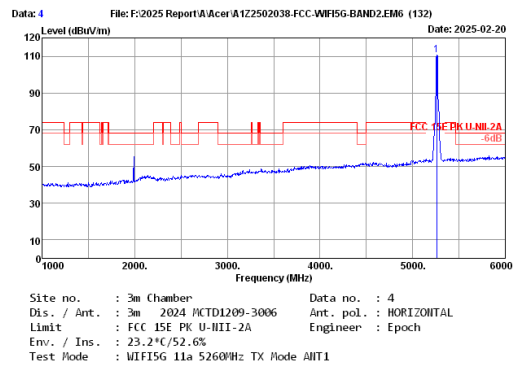
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.00	33.52	7.39	30.74	90.94	101.11	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10520.00	38.50	8.17	31.06	35.70	51.31	-----	-----	Average
2	10520.00	38.50	8.17	31.06	43.38	58.99	68.20	9.21	Peak

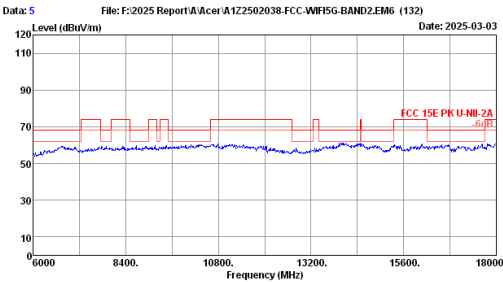
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



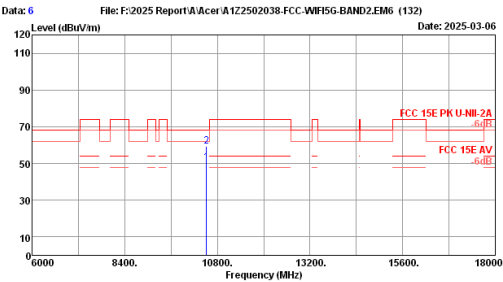
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.00	33.52	7.39	30.74	100.64	110.81	-----	-----	Peak

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

FCC ID: HLZN24G4



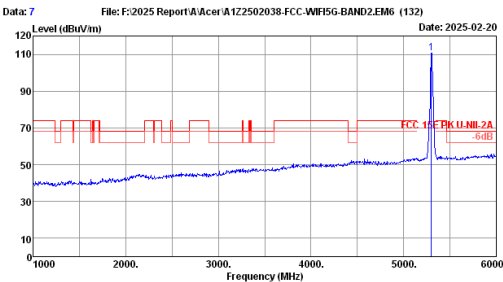
Site no. : 3m Chamber Data no. : 5
Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC 15E PK U-NIL-2A Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11a 5260MHz TX Mode AHT1



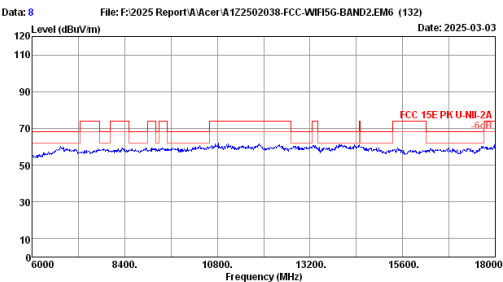
Site no. : 3m Chamber Data no. : 6
Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC 15E PK U-NIL-2A Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11a 5260MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	10520.00	38.50	8.17	31.06	34.99	50.60	-	-	Average
2	10520.00	38.50	8.17	31.06	43.71	59.32	68.20	8.88	Peak

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



Site no. : 3m Chamber Data no. : 7
Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC 15E PK U-NIL-2A Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11a 5300MHz TX Mode AHT1

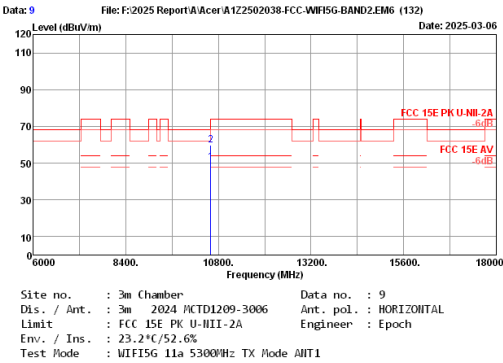


Site no. : 3m Chamber Data no. : 8
Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC 15E PK U-NIL-2A Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11a 5300MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	5300.00	33.60	7.41	30.79	100.62	110.84	-	-	Peak

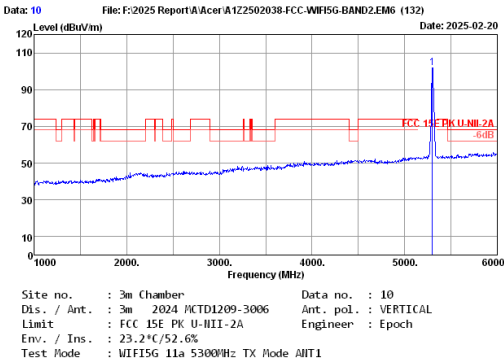
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
- Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported

FCC ID: HLZN24G4



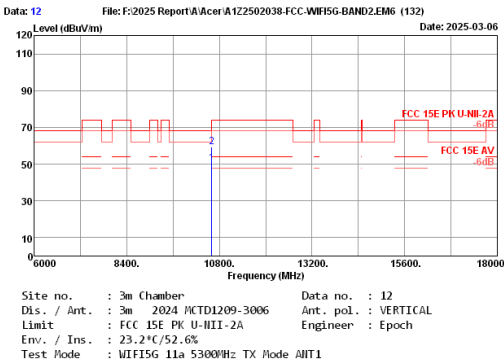
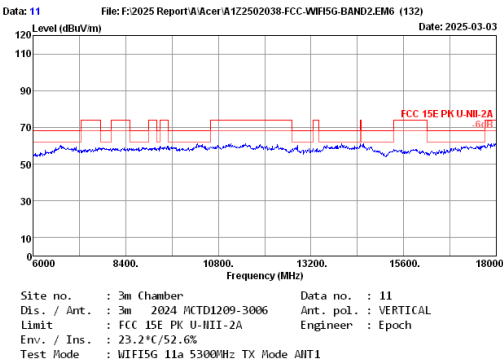
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10600.00	38.50	8.17	30.92	34.68	50.43	54.00	3.57	Average
2	10600.00	38.50	8.17	30.92	44.21	59.96	68.20	8.24	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5300.00	33.60	7.41	30.79	91.63	101.85	-----	-----	Peak

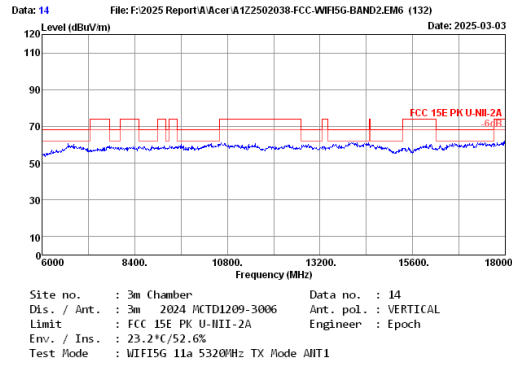
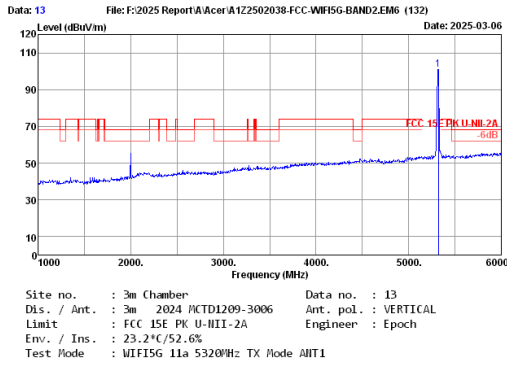
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10600.00	38.50	8.17	30.92	34.55	50.30	54.00	3.70	Average
2	10600.00	38.50	8.17	30.92	43.68	59.43	68.20	8.77	Peak

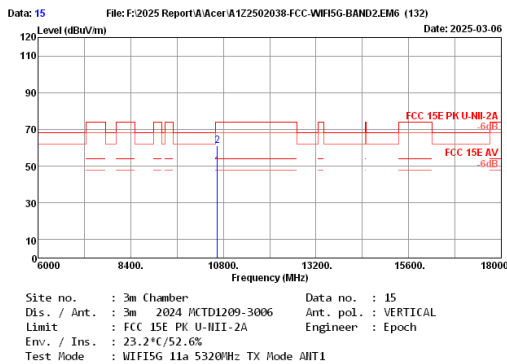
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



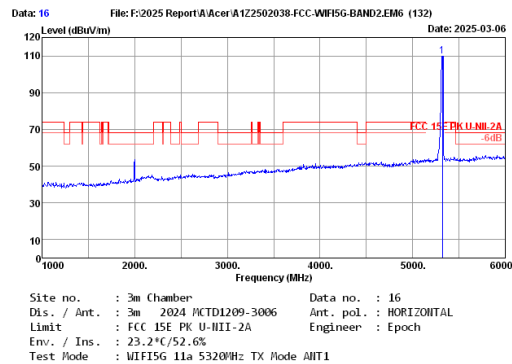
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.00	33.64	7.42	30.82	90.90	101.14	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10640.00	38.54	8.17	30.85	34.31	50.17	54.00	3.83	Average
2	10640.00	38.54	8.17	30.85	45.24	61.10	74.00	12.90	Peak

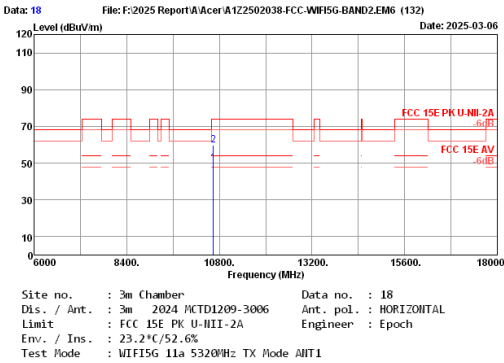
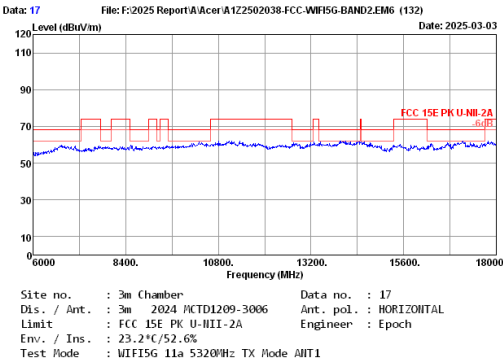
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.00	33.64	7.42	30.82	99.53	109.77	-----	-----	Peak

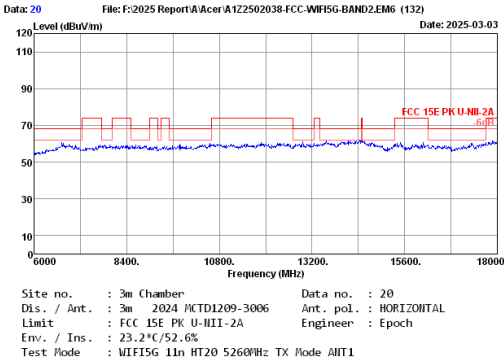
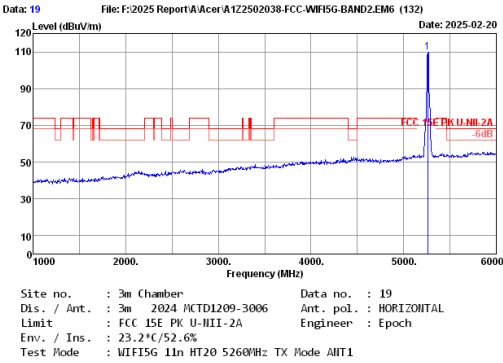
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10640.00	38.54	8.17	30.85	34.33	50.19	54.00	3.81	Average
2	10640.00	38.54	8.17	30.85	44.12	59.98	74.00	14.02	Peak

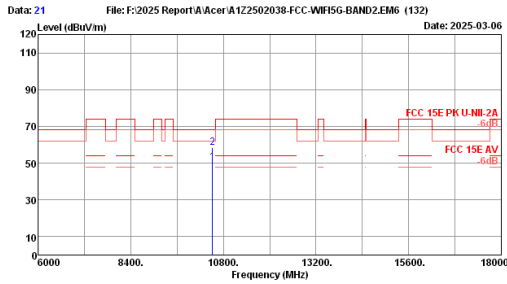
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.00	33.52	7.39	30.74	99.43	109.60	-----	-----	Peak

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

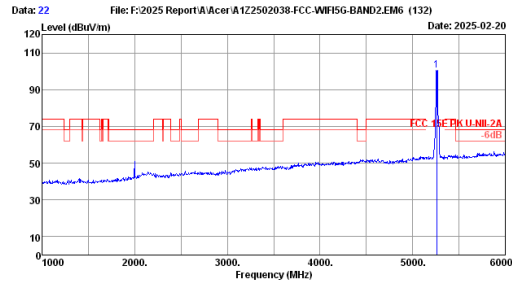
FCC ID: HLZN24G4



Site no. : 3m Chamber Data no. : 21
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5260MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10520.00	38.50	8.17	31.06	34.82	50.43	68.20	9.53	Average
2	10520.00	38.50	8.17	31.06	43.06	58.67	68.20		Peak

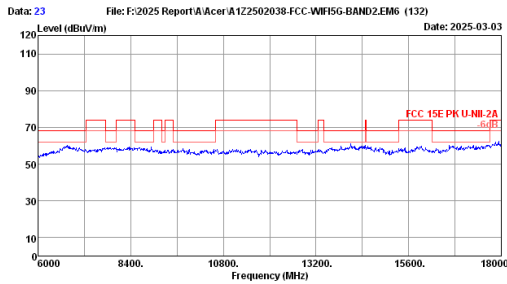
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



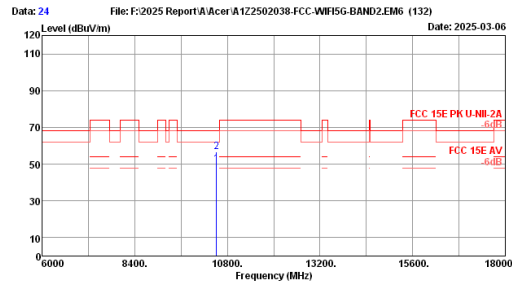
Site no. : 3m Chamber Data no. : 22
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5260MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.00	33.52	7.39	30.74	90.50	100.67			Peak

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



Site no. : 3m Chamber Data no. : 23
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5260MHz TX Mode AHT1

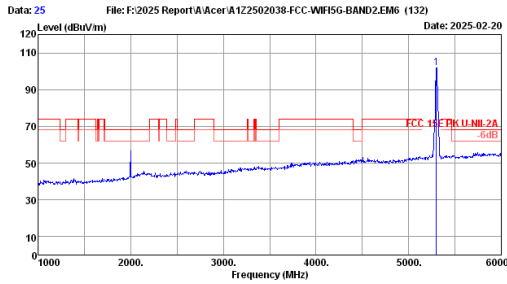


Site no. : 3m Chamber Data no. : 24
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5260MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10520.00	38.50	8.17	31.06	34.62	50.23	68.20	11.53	Average
2	10520.00	38.50	8.17	31.06	41.06	56.67	68.20		Peak

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

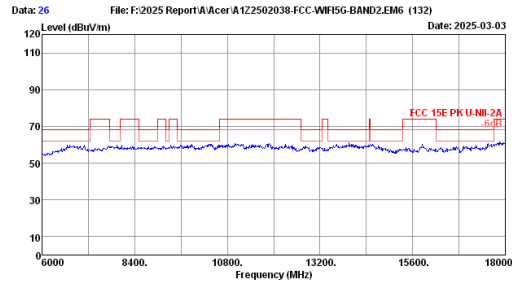
FCC ID: HLZN24G4



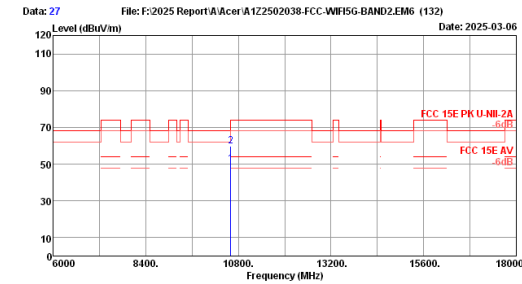
Site no. : 3m Chamber Data no. : 25
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5300MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5300.00	33.60	7.41	30.79	91.72	101.94	-----	-----	Peak

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



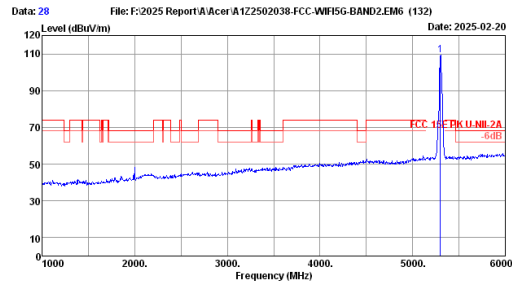
Site no. : 3m Chamber Data no. : 26
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5300MHz TX Mode AHT1



Site no. : 3m Chamber Data no. : 27
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5300MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10600.00	38.50	8.17	30.92	34.10	49.85	54.00	4.15	Average
2	10600.00	38.50	8.17	30.92	43.96	59.71	68.20	8.49	Peak

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

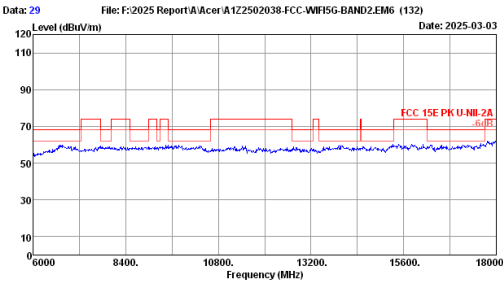


Site no. : 3m Chamber Data no. : 28
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5300MHz TX Mode AHT1

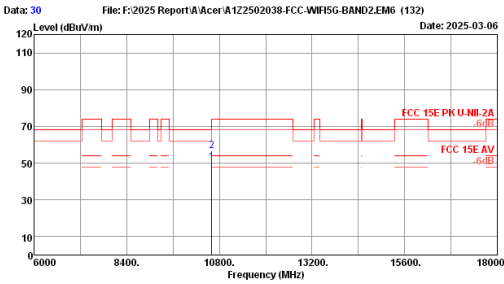
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5300.00	33.60	7.41	30.79	99.02	109.24	-----	-----	Peak

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

FCC ID: HLZN24G4



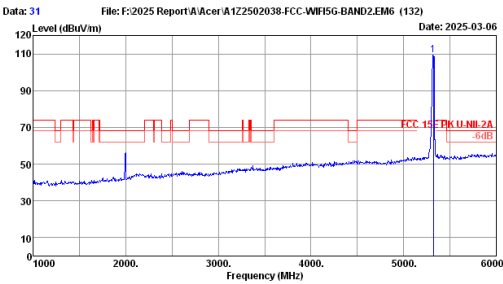
Site no. : 3m Chamber Data no. : 29
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5300MHz TX Mode AHT1



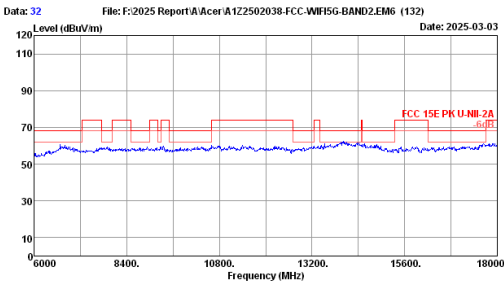
Site no. : 3m Chamber Data no. : 30
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5300MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10600.00	38.50	8.17	30.92	34.60	50.35	54.00	3.65	Average
2	10600.00	38.50	8.17	30.92	40.85	56.60	68.20	11.60	Peak

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



Site no. : 3m Chamber Data no. : 31
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5320MHz TX Mode AHT1

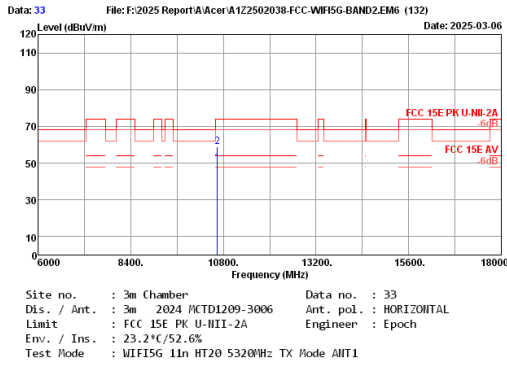


Site no. : 3m Chamber Data no. : 32
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5320MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.00	33.64	7.42	30.82	98.96	109.20	-----	-----	Peak

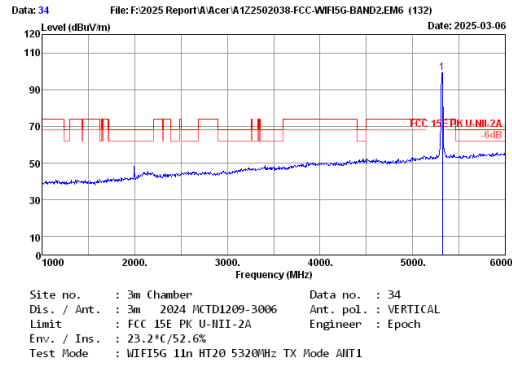
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



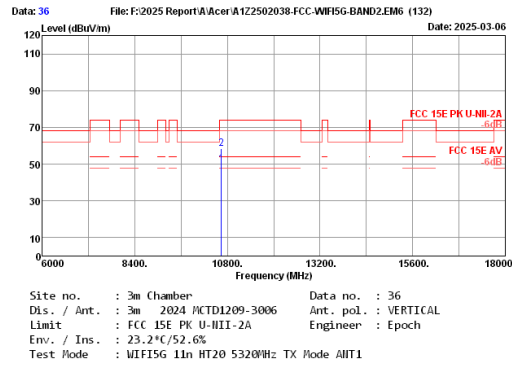
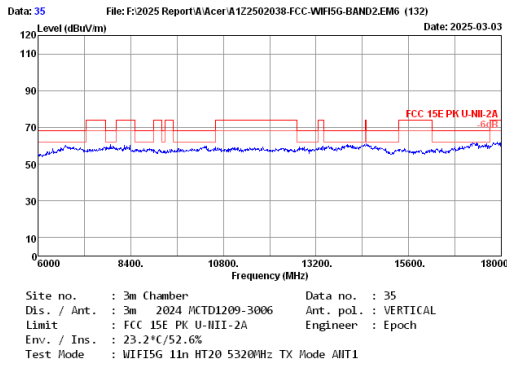
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10640.00	38.54	8.17	30.85	34.39	50.25	54.00	3.75	Average
2	10640.00	38.54	8.17	30.85	43.11	58.97	74.00	15.03	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.00	33.64	7.42	30.82	89.17	99.41	-----	-----	Peak

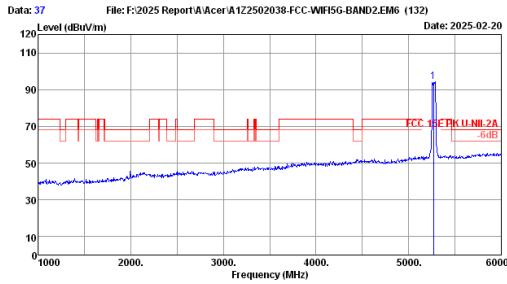
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10640.00	38.54	8.17	30.85	34.27	50.13	54.00	3.87	Average
2	10640.00	38.54	8.17	30.85	42.66	58.52	74.00	15.48	Peak

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

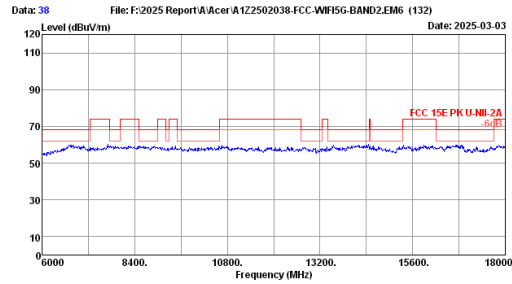
FCC ID: HLZN24G4



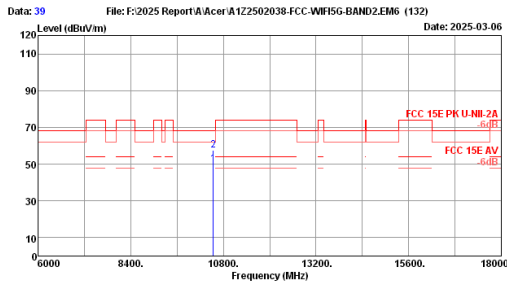
Site no. : 3m Chamber Data no. : 37
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5270MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5270.00	33.54	7.40	30.75	84.16	94.35	-----	-----	Peak

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



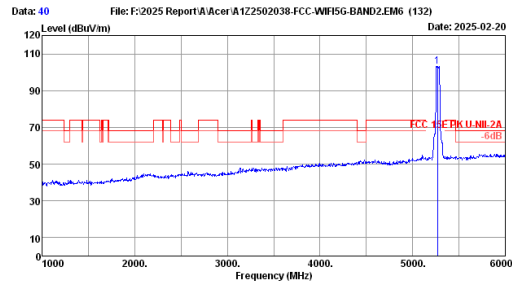
Site no. : 3m Chamber Data no. : 38
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5270MHz TX Mode AHT1



Site no. : 3m Chamber Data no. : 39
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5270MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10540.00	38.50	8.17	31.03	34.47	50.11	-----	-----	Average
2	10540.00	38.50	8.17	31.03	42.08	57.72	68.20	10.48	Peak

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

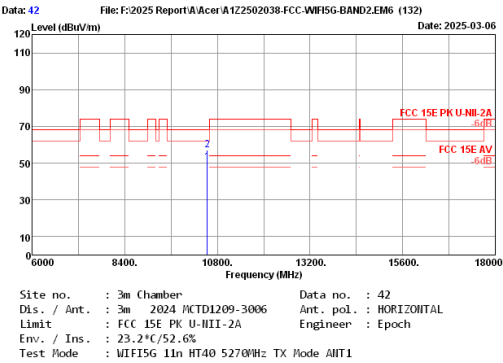
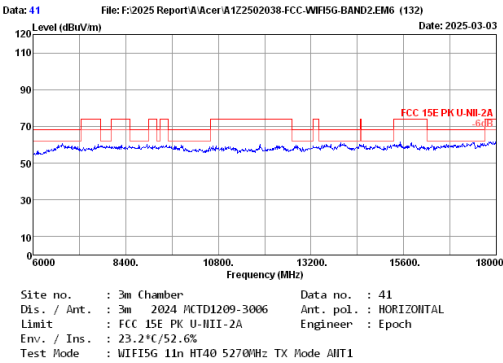


Site no. : 3m Chamber Data no. : 40
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5270MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5270.00	33.54	7.40	30.75	93.15	103.34	-----	-----	Peak

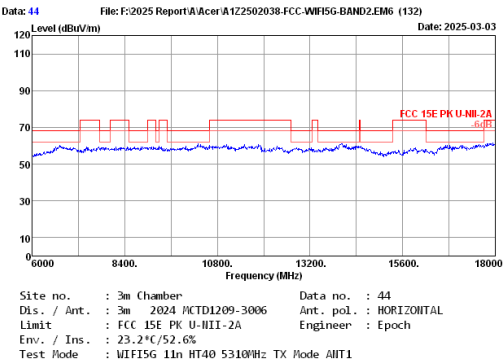
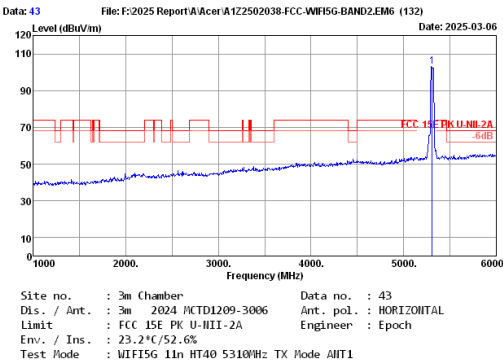
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	10540.00	38.50	8.17	31.03	34.68	50.32	-----	-----	Average
2	10540.00	38.50	8.17	31.03	41.27	56.91	68.20	11.29	Peak

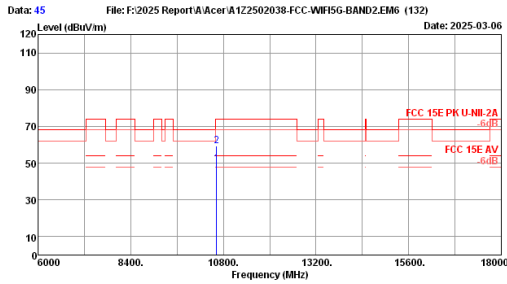
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	5310.00	33.62	7.42	30.80	92.80	103.04	-----	-----	Peak

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

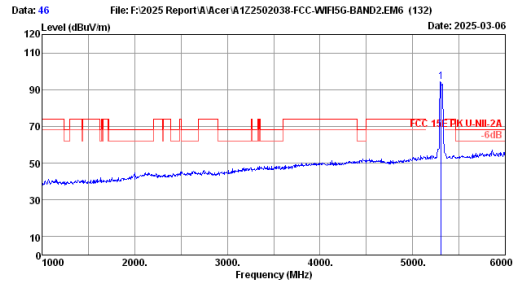
FCC ID: HLZN24G4



Site no. : 3m Chamber Data no. : 45
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5310MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10620.00	38.52	8.17	30.88	33.99	49.80	54.00	4.20	Average
2	10620.00	38.52	8.17	30.88	43.36	59.17	74.00	14.83	Peak

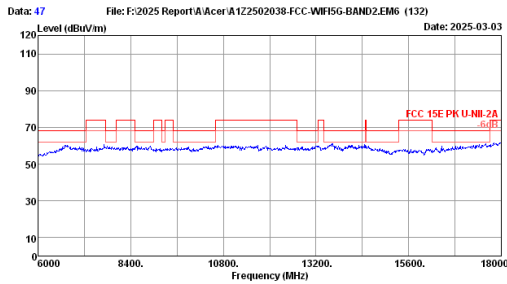
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



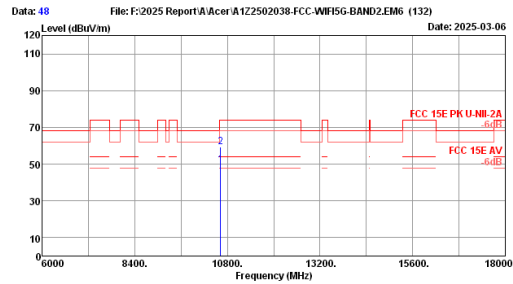
Site no. : 3m Chamber Data no. : 46
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5310MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5310.00	33.62	7.42	30.80	84.26	94.50	-----	-----	Peak

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



Site no. : 3m Chamber Data no. : 47
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5310MHz TX Mode AHT1

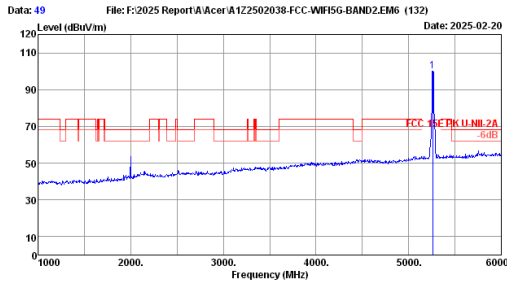


Site no. : 3m Chamber Data no. : 48
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5310MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10620.00	38.52	8.17	30.88	33.99	49.80	54.00	4.20	Average
2	10620.00	38.52	8.17	30.88	43.32	59.13	74.00	14.87	Peak

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

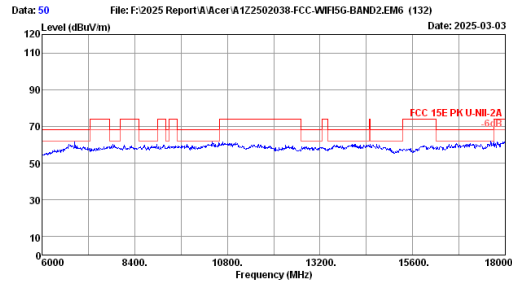
FCC ID: HLZN24G4



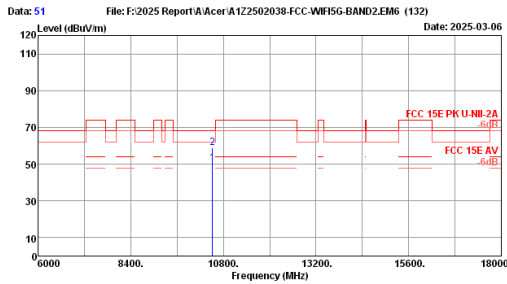
Site no. : 3m Chamber Data no. : 49
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5260MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.00	33.52	7.39	30.74	89.79	99.96	-----	-----	Peak

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



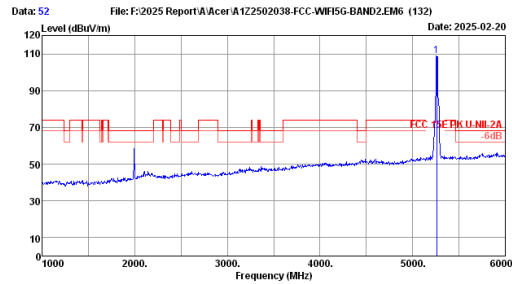
Site no. : 3m Chamber Data no. : 50
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5260MHz TX Mode AHT1



Site no. : 3m Chamber Data no. : 51
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5260MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10520.00	38.50	8.17	31.06	35.00	50.61	-----	-----	Average
2	10520.00	38.50	8.17	31.06	43.46	59.07	68.20	9.13	Peak

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

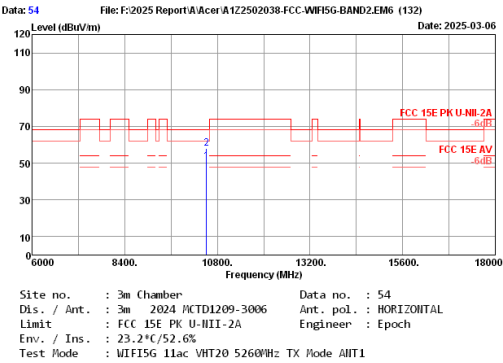
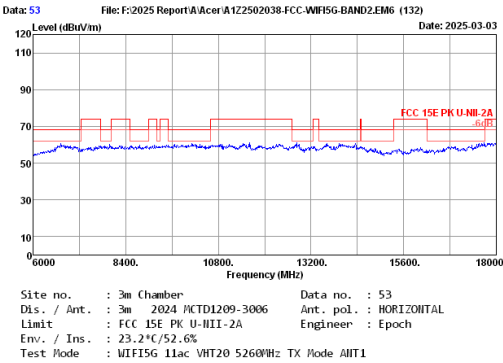


Site no. : 3m Chamber Data no. : 52
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5260MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5260.00	33.52	7.39	30.74	98.71	108.88	-----	-----	Peak

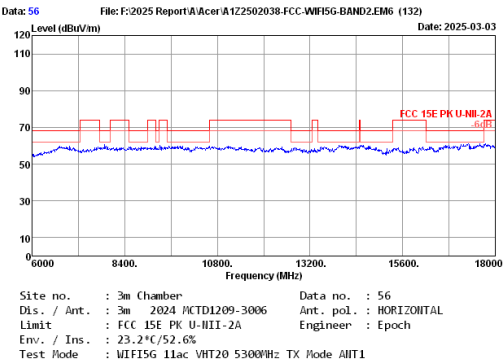
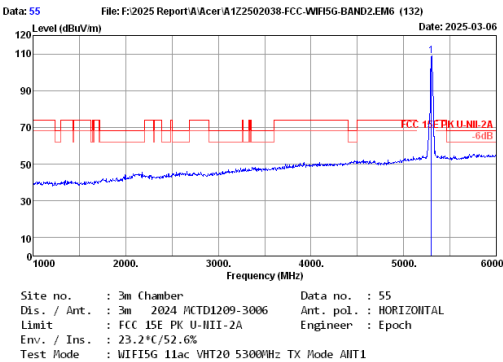
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	10520.00	38.50	8.17	31.06	35.13	50.74	-----	-----	Average
2	10520.00	38.50	8.17	31.06	42.38	57.99	68.20	10.21	Peak

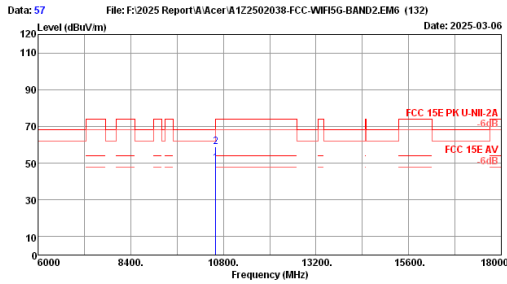
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	5300.00	33.60	7.41	30.79	98.91	109.13	-----	-----	Peak

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

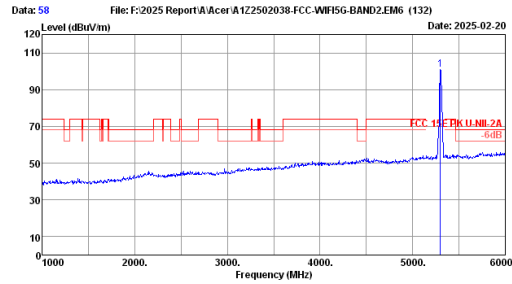
FCC ID: HLZN24G4



Site no. : 3m Chamber Data no. : 57
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5300MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10600.00	38.50	8.17	30.92	34.20	49.95	54.00	4.05	Average
2	10600.00	38.50	8.17	30.92	43.15	58.90	68.20	9.30	Peak

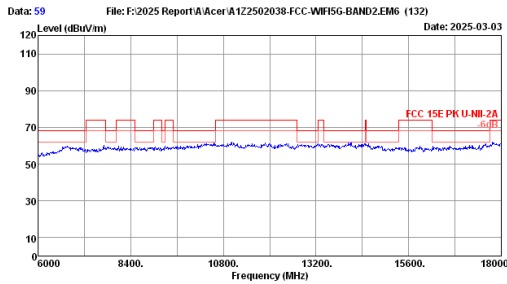
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



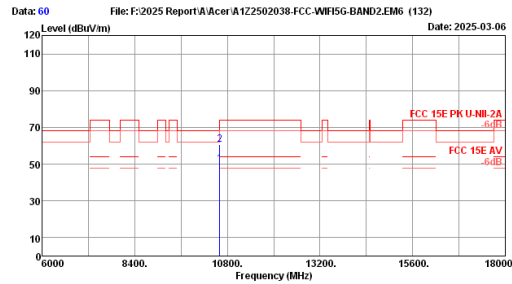
Site no. : 3m Chamber Data no. : 58
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5300MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5300.00	33.60	7.41	30.79	90.68	100.90	-----	-----	Peak

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



Site no. : 3m Chamber Data no. : 59
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5300MHz TX Mode AHT1

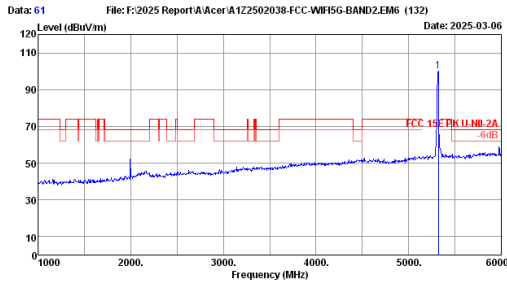


Site no. : 3m Chamber Data no. : 60
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5300MHz TX Mode AHT1

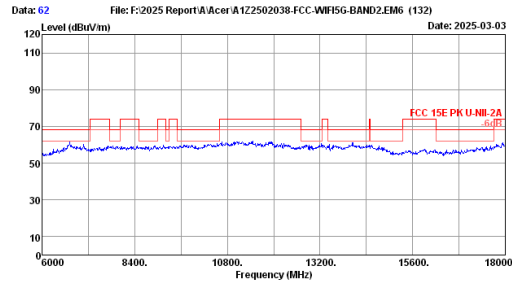
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10600.00	38.50	8.17	30.92	34.40	50.15	54.00	3.85	Average
2	10600.00	38.50	8.17	30.92	44.85	60.60	68.20	7.60	Peak

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

FCC ID: HLZN24G4



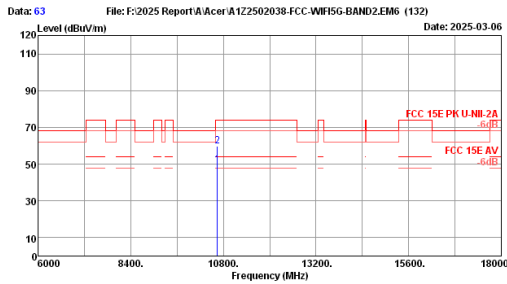
Site no. : 3m Chamber Data no. : 61
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5320MHz TX Mode AHT1



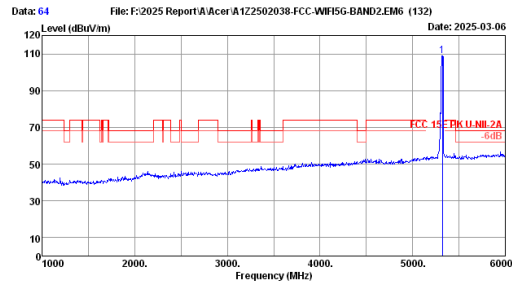
Site no. : 3m Chamber Data no. : 62
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5320MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.00	33.64	7.42	30.82	89.87	100.11	-----	-----	Peak

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



Site no. : 3m Chamber Data no. : 63
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5320MHz TX Mode AHT1



Site no. : 3m Chamber Data no. : 64
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NII-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5320MHz TX Mode AHT1

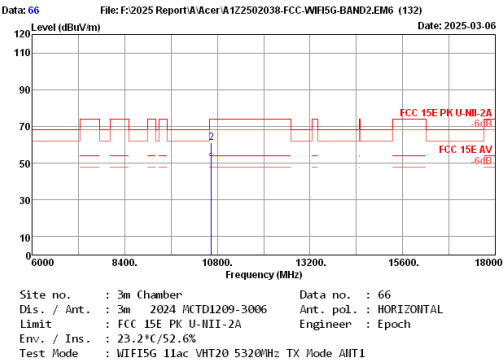
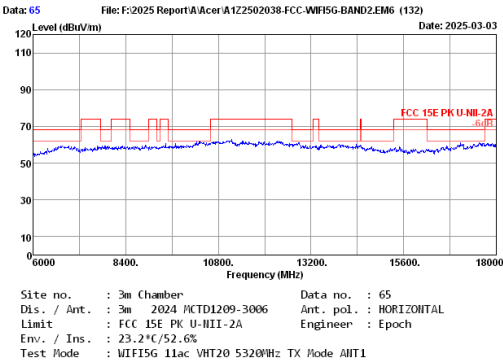
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10640.00	38.54	8.17	30.85	33.91	49.77	54.00	4.23	Average
2	10640.00	38.54	8.17	30.85	43.88	59.74	74.00	14.26	Peak

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

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5320.00	33.64	7.42	30.82	98.84	109.08	-----	-----	Peak

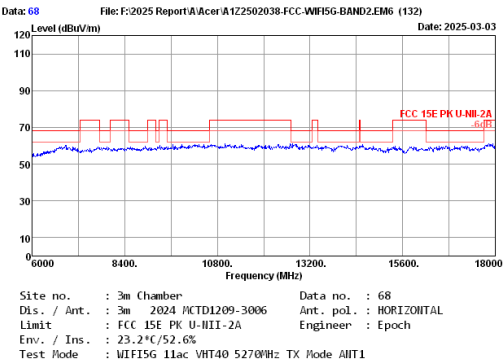
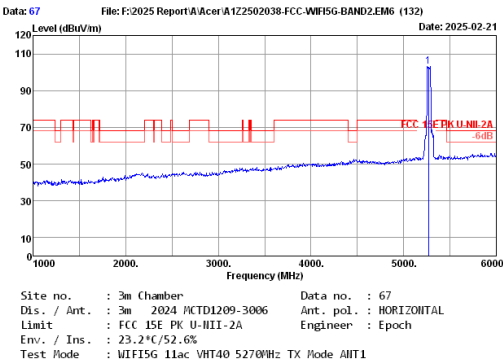
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission		Margin		Remark
						Level (dBuV/m)	Limits (dBuV/m)	Limits (dB)	Limits (dB)	
1	10640.00	38.54	8.17	30.85	34.55	50.41	54.00	3.59		Average
2	10640.00	38.54	8.17	30.85	45.47	61.33	74.00	12.67		Peak

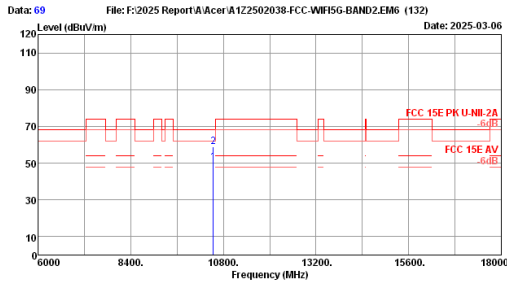
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission		Margin		Remark
						Level (dBuV/m)	Limits (dBuV/m)	Limits (dB)	Limits (dB)	
1	5270.00	33.54	7.40	30.75	92.81	103.00	-----	-----	-----	Peak

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

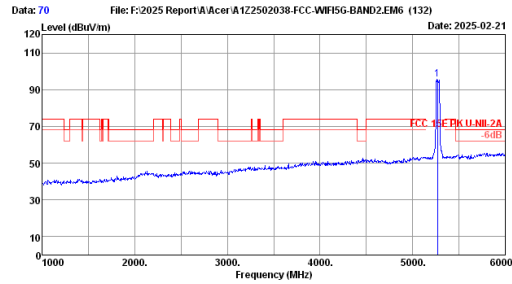
FCC ID: HLZN24G4



Site no. : 3m Chamber Data no. : 69
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT40 5270MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10540.00	38.50	8.17	31.03	34.66	50.30	68.20	9.32	Average
2	10540.00	38.50	8.17	31.03	43.24	58.88	68.20		Peak

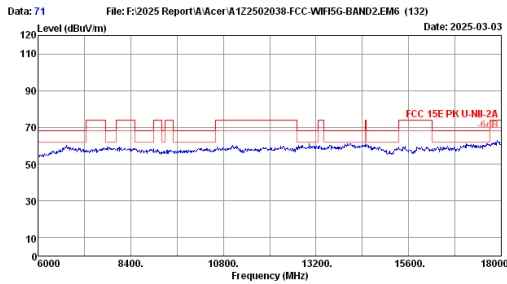
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



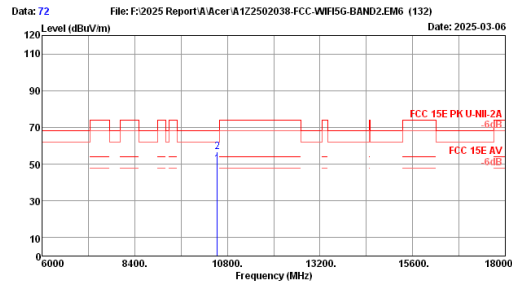
Site no. : 3m Chamber Data no. : 70
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT40 5270MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5270.00	33.54	7.40	30.75	85.41	95.60			Peak

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



Site no. : 3m Chamber Data no. : 71
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT40 5270MHz TX Mode AHT1

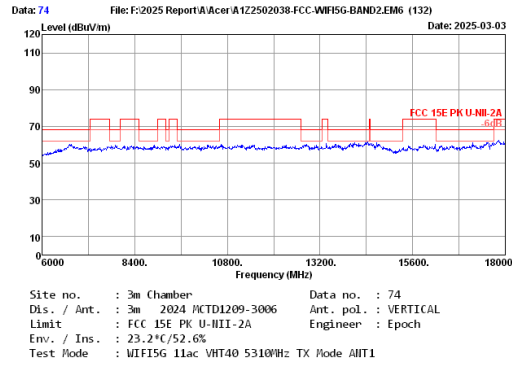
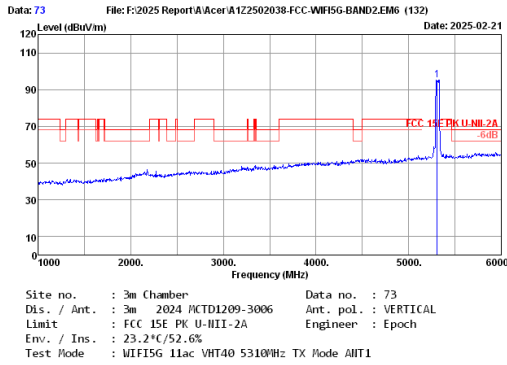


Site no. : 3m Chamber Data no. : 72
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-2A Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT40 5270MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10540.00	38.50	8.17	31.03	34.20	49.84	68.20	11.65	Average
2	10540.00	38.50	8.17	31.03	40.91	56.55	68.20		Peak

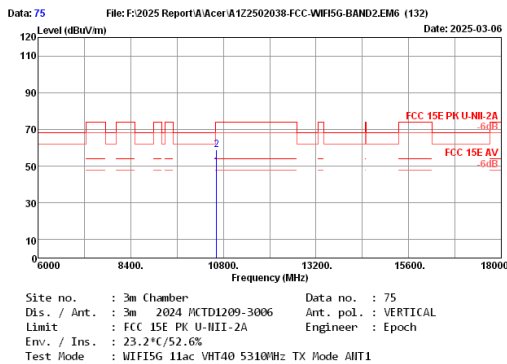
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



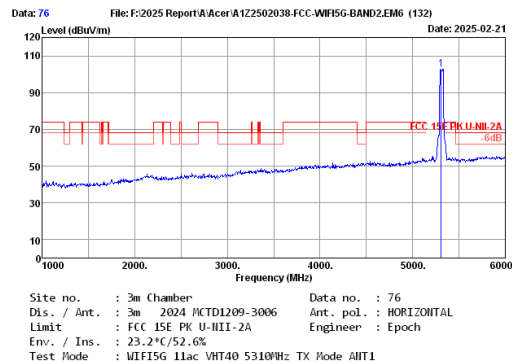
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5310.00	33.62	7.42	30.80	84.90	95.14	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10620.00	38.52	8.17	30.88	33.99	49.80	54.00	4.20	Average
2	10620.00	38.52	8.17	30.88	42.90	58.71	74.00	15.29	Peak

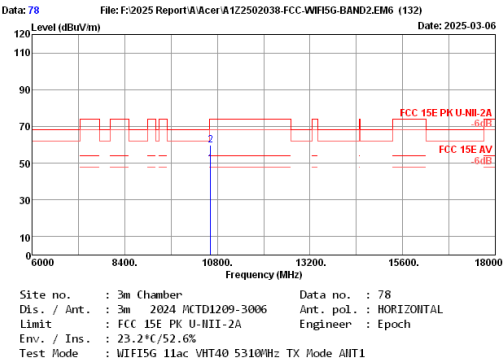
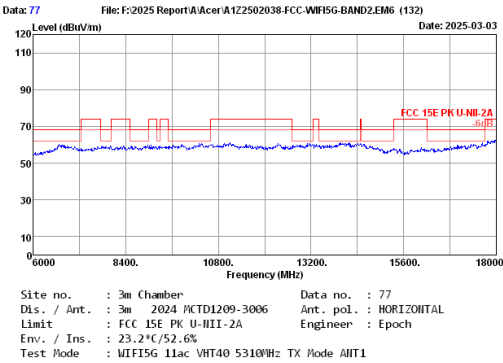
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5310.00	33.62	7.42	30.80	92.61	102.85	-----	-----	Peak

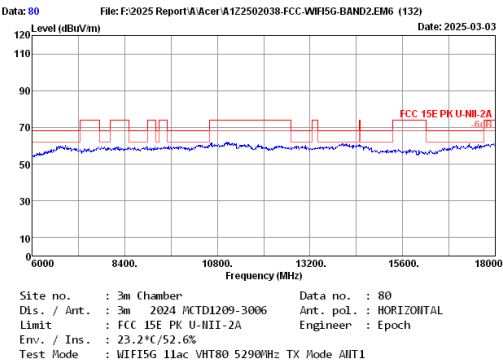
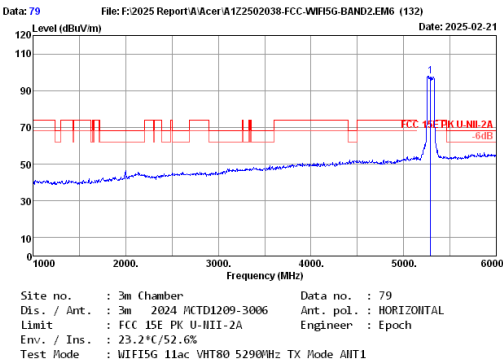
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10620.00	38.52	8.17	30.88	34.00	49.81	54.00	4.19	Average
2	10620.00	38.52	8.17	30.88	44.16	59.97	74.00	14.03	Peak

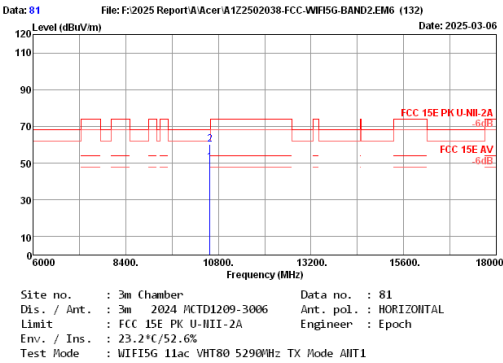
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5290.00	33.58	7.41	30.78	87.74	97.95	-----	-----	Peak

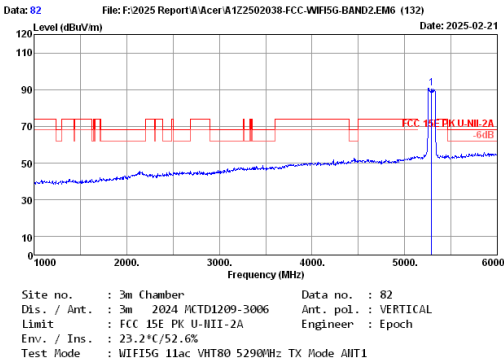
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



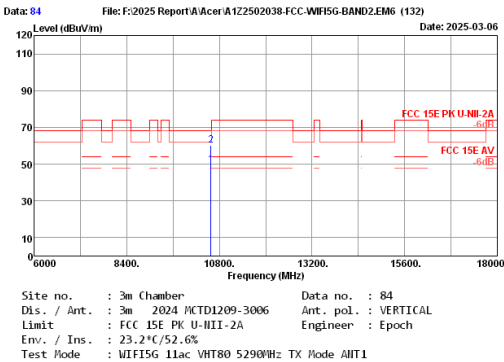
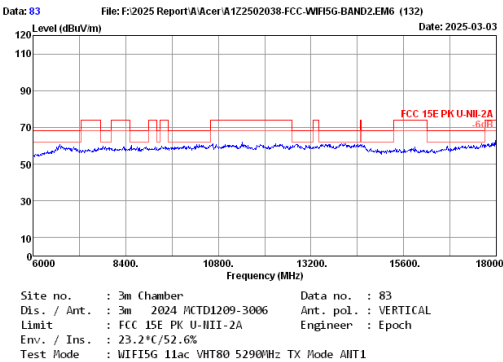
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10580.00	38.50	8.17	30.96	34.80	50.51	68.20	7.79	Average
2	10580.00	38.50	8.17	30.96	44.70	60.41	68.20		Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5290.00	33.58	7.41	30.78	80.71	90.92			Peak

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

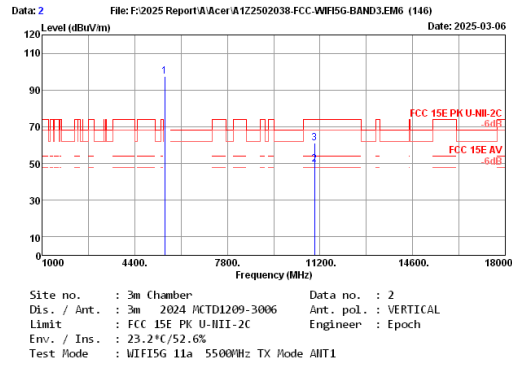
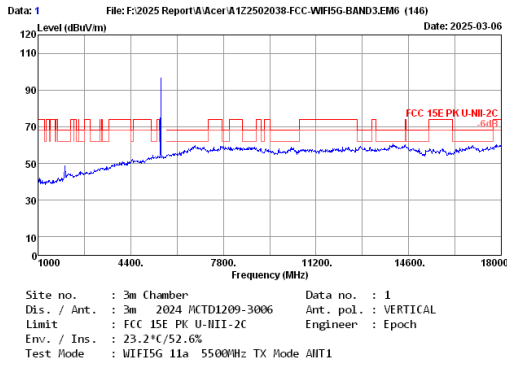


No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	10580.00	38.50	8.17	30.96	34.10	49.81	68.20	8.07	Average
2	10580.00	38.50	8.17	30.96	44.42	60.13	68.20		Peak

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

FCC ID: HLZN24G4

U-NII-2C Band:

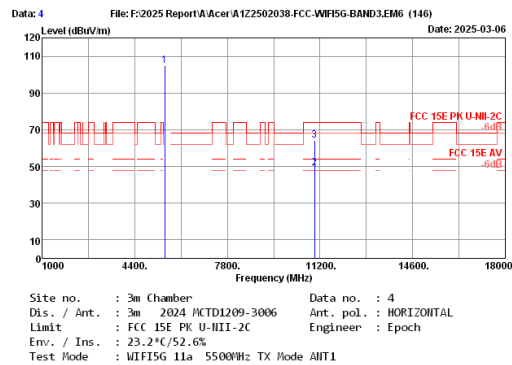
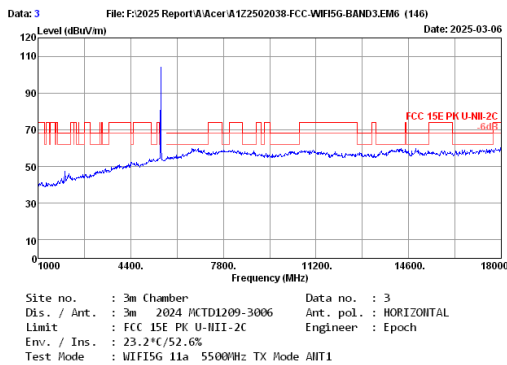


No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin Limits (dB)	Remark
1	5500.00	33.40	7.53	31.05	87.43	97.31	-----	-----	Peak
2	11000.00	38.80	8.15	30.20	33.00	49.75	54.00	4.25	Average
3	11000.00	38.80	8.15	30.20	44.25	61.00	74.00	13.00	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading

-Ant factor(Peak)

2. The emission levels that are 20dB below the official limit are not reported



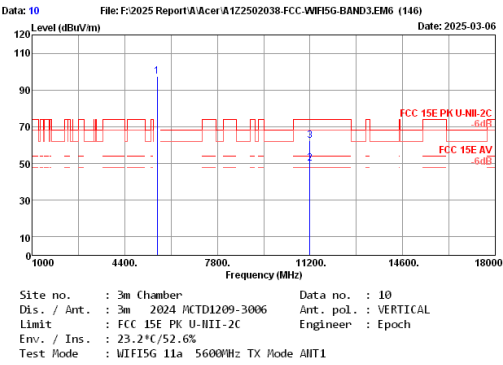
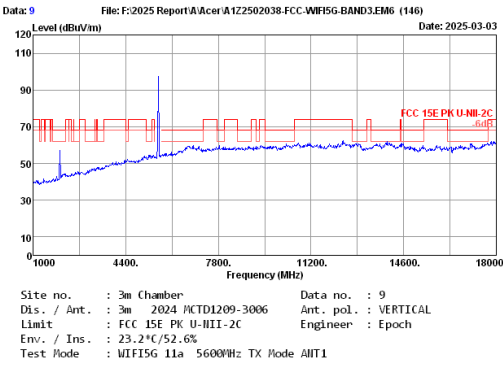
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin Limits (dB)	Remark
1	5500.00	33.40	7.53	31.05	95.10	104.98	-----	-----	Peak
2	11000.00	38.80	8.15	30.20	32.48	49.23	54.00	4.77	Average
3	11000.00	38.80	8.15	30.20	47.49	64.24	74.00	9.76	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading

-Ant factor(Peak)

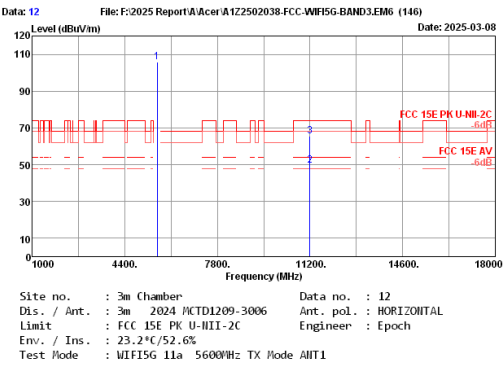
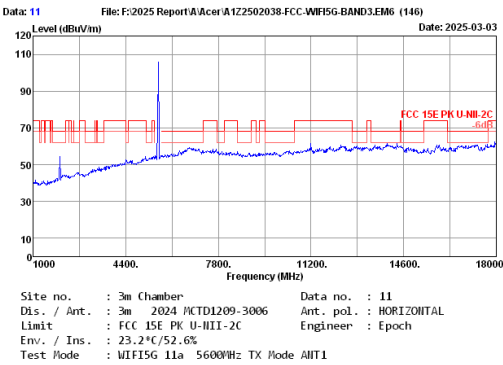
2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Margin		Remark
							Limits	Limits	
1	5600.00	33.40	7.58	31.18	87.52	97.32	-	-	Peak
2	11200.00	38.70	8.18	30.00	32.99	49.87	54.00	4.13	Average
3	11200.00	38.70	8.18	30.00	45.75	62.63	74.00	11.37	Peak

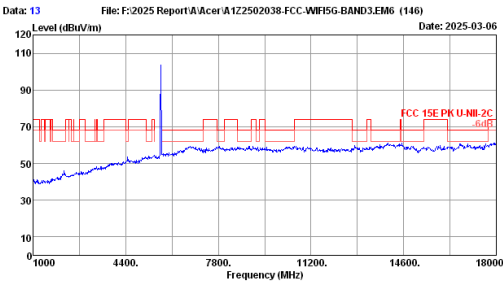
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported



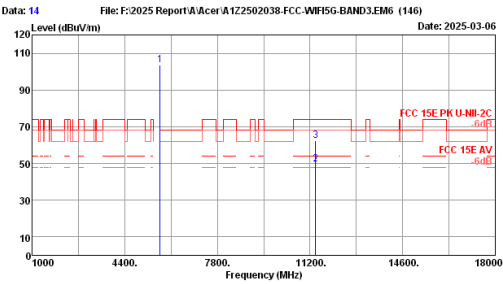
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Margin		Remark
							Limits	Limits	
1	5600.00	33.40	7.58	31.18	96.03	106.83	-	-	Peak
2	11200.00	38.70	8.18	30.00	32.89	49.77	54.00	4.23	Average
3	11200.00	38.70	8.18	30.00	48.63	65.51	74.00	8.49	Peak

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

FCC ID: HLZN24G4



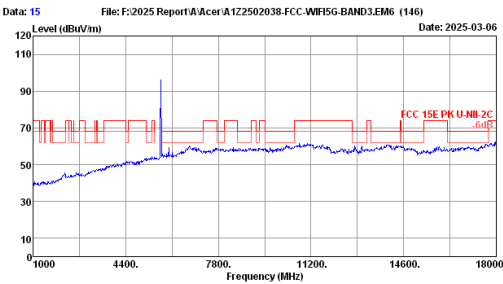
Site no. : 3m Chamber Data no. : 13
Dis. / Ant. : 3m 2024 #CTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC 15E PK U-NIL-2C Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11a 5700MHz TX Mode AHT1



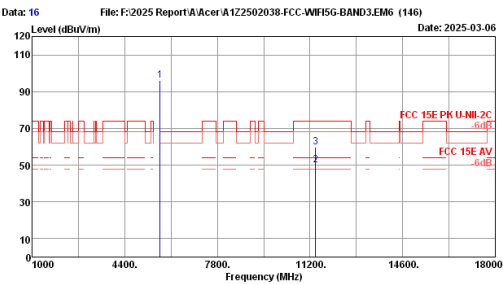
Site no. : 3m Chamber Data no. : 14
Dis. / Ant. : 3m 2024 #CTD1209-3006 Ant. pol. : HORIZONTAL
Limit : FCC 15E PK U-NIL-2C Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11a 5700MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Margin		Remark
							Limits	Limits	
						(dBuV/m)	(dBuV/m)	(dB)	
1	5700.00	33.60	7.63	31.31	93.78	103.70	-	-	Peak
2	11400.00	38.50	8.21	29.80	32.89	49.80	54.00	4.20	Average
3	11400.00	38.50	8.21	29.80	45.61	62.52	74.00	11.48	Peak

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



Site no. : 3m Chamber Data no. : 15
Dis. / Ant. : 3m 2024 #CTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC 15E PK U-NIL-2C Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11a 5700MHz TX Mode AHT1

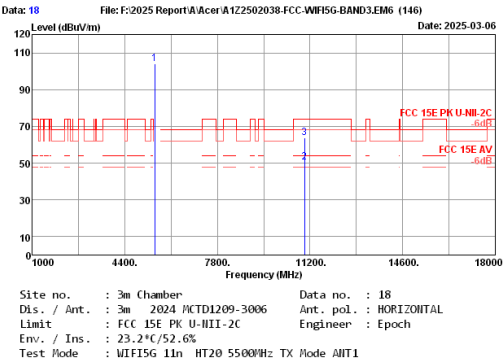
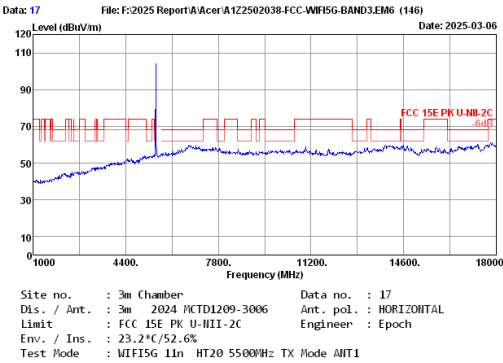


Site no. : 3m Chamber Data no. : 16
Dis. / Ant. : 3m 2024 #CTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC 15E PK U-NIL-2C Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11a 5700MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Margin		Remark
							Limits	Limits	
						(dBuV/m)	(dBuV/m)	(dB)	
1	5700.00	33.60	7.63	31.31	86.32	96.24	-	-	Peak
2	11400.00	38.50	8.21	29.80	32.99	49.90	54.00	4.10	Average
3	11400.00	38.50	8.21	29.80	42.89	59.80	74.00	14.20	Peak

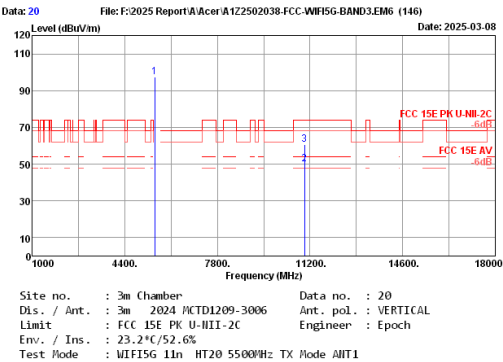
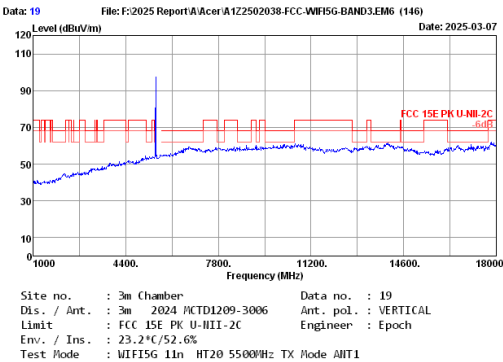
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Margin		Remark
							Limits	Limits	
1	5500.00	33.40	7.53	31.05	94.38	104.26	-----	-----	Peak
2	11000.00	38.80	8.15	30.20	33.88	50.63	54.00	3.37	Average
3	11000.00	38.80	8.15	30.20	47.03	63.78	74.00	10.22	Peak

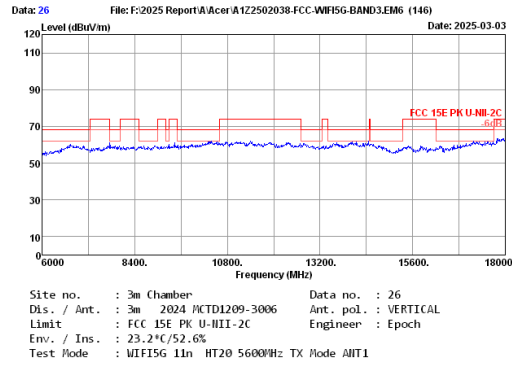
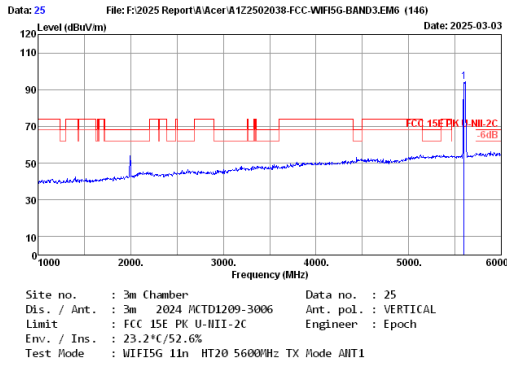
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Margin		Remark
							Limits	Limits	
1	5500.00	33.40	7.53	31.05	87.40	97.28	-----	-----	Peak
2	11000.00	38.80	8.15	30.20	33.44	50.19	54.00	3.81	Average
3	11000.00	38.80	8.15	30.20	43.95	60.70	74.00	13.30	Peak

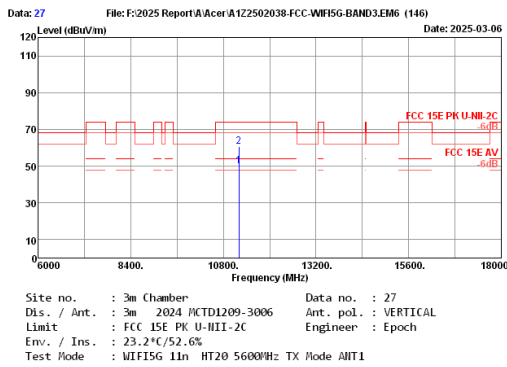
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported

FCC ID: HLZN24G4



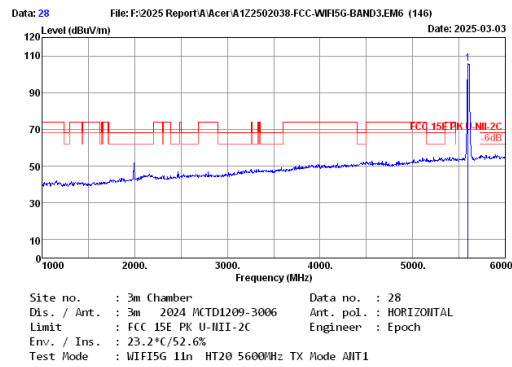
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5600.00	33.40	7.58	31.18	84.34	94.14	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11200.00	38.70	8.18	30.00	33.10	49.98	54.00	4.02	Average
2	11200.00	38.70	8.18	30.00	43.59	60.47	74.00	13.53	Peak

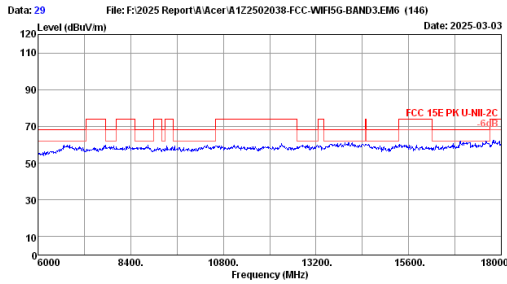
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported



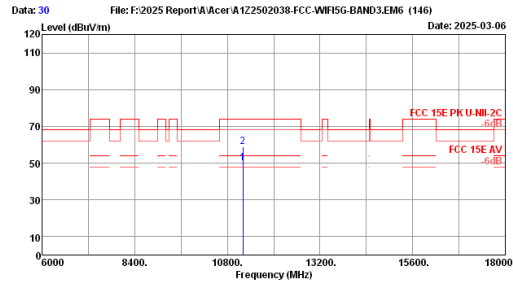
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5600.00	33.40	7.58	31.18	96.22	106.02	-----	-----	Peak

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

FCC ID: HLZN24G4



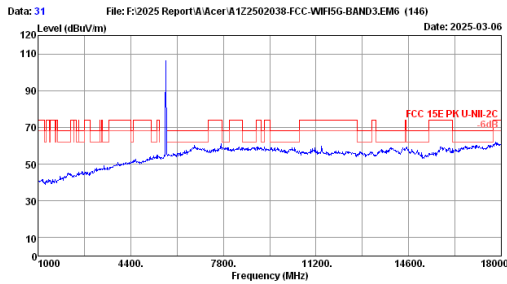
Site no. : 3m Chamber Data no. : 29
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-2C Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5600MHz TX Mode AHT1



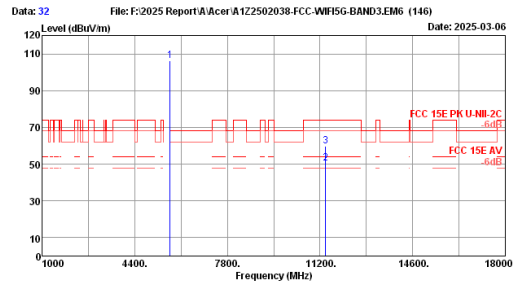
Site no. : 3m Chamber Data no. : 30
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-2C Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5600MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11200.00	38.70	8.18	30.00	33.20	50.08	54.00	3.92	Average
2	11200.00	38.70	8.18	30.00	41.82	58.70	74.00	15.30	Peak

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



Site no. : 3m Chamber Data no. : 31
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-2C Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5700MHz TX Mode AHT1

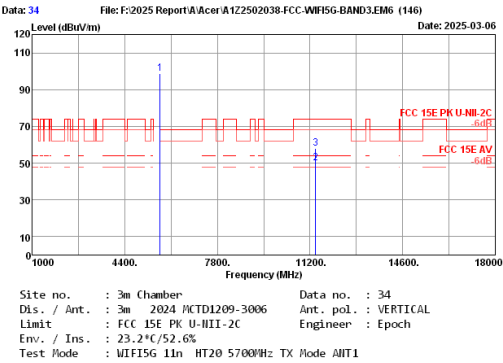
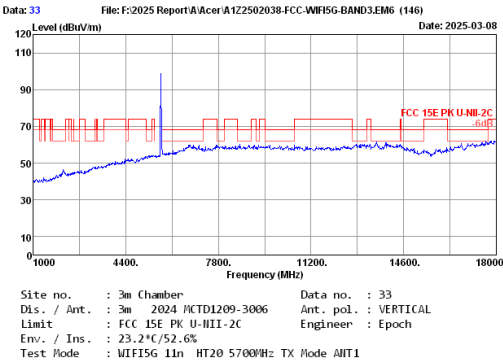


Site no. : 3m Chamber Data no. : 32
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-2C Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT20 5700MHz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5700.00	33.60	7.63	31.31	96.19	106.11	-----	-----	Peak
2	11400.00	38.50	8.21	29.80	33.50	50.41	54.00	3.59	Average
3	11400.00	38.50	8.21	29.80	42.72	59.63	74.00	14.37	Peak

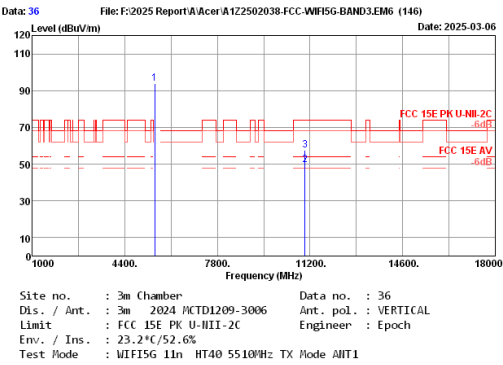
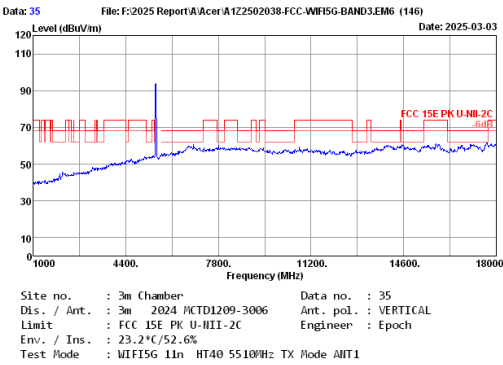
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5700.00	33.60	7.63	31.31	88.81	98.73	-----	-----	Peak
2	11400.00	38.50	8.21	29.80	33.10	50.01	54.00	3.99	Average
3	11400.00	38.50	8.21	29.80	41.26	58.17	74.00	15.83	Peak

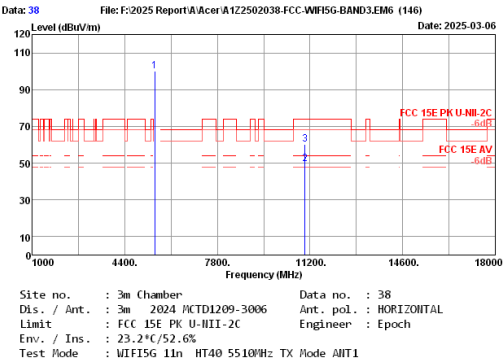
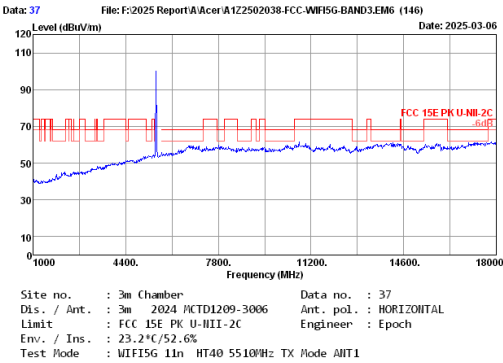
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5510.00	33.40	7.53	31.06	84.03	93.90	-----	-----	Peak
2	11020.00	38.80	8.15	30.18	32.87	49.64	54.00	4.36	Average
3	11020.00	38.80	8.15	30.18	41.01	57.78	74.00	16.22	Peak

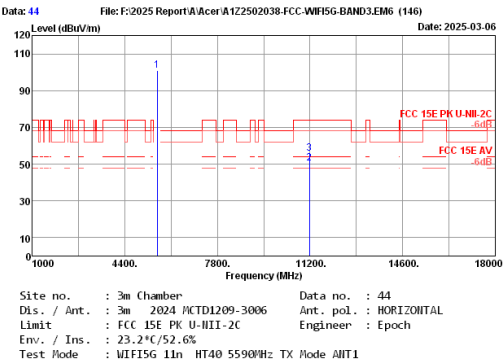
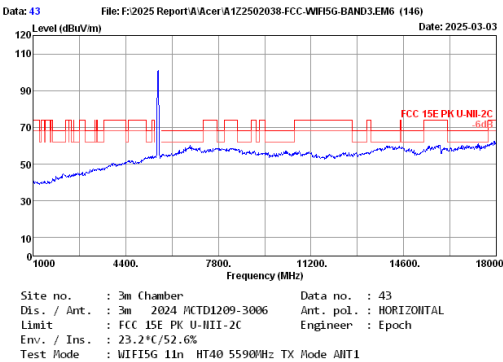
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	5510.00	33.40	7.53	31.06	90.26	100.13	-----	-----	Peak
2	11020.00	38.80	8.15	30.18	33.01	49.78	54.00	4.22	Average
3	11020.00	38.80	8.15	30.18	43.64	60.41	74.00	13.59	Peak

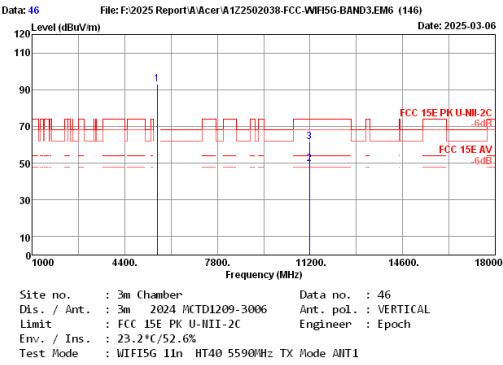
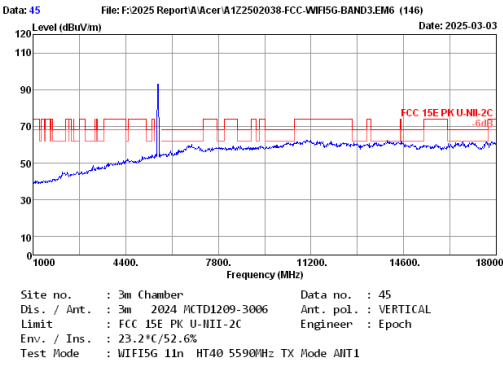
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	5590.00	33.40	7.58	31.17	91.29	101.10	-----	-----	Peak
2	11180.00	38.72	8.18	30.02	33.70	50.58	54.00	3.42	Average
3	11180.00	38.72	8.18	30.02	38.88	55.76	74.00	18.24	Peak

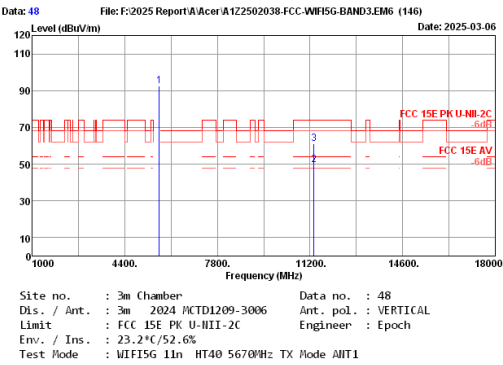
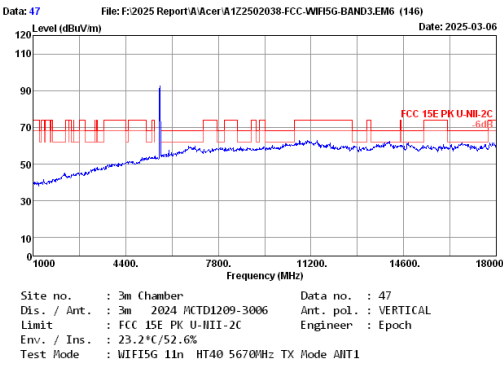
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5590.00	33.40	7.58	31.17	83.14	92.95	-----	-----	Peak
2	11180.00	38.72	8.18	30.02	32.80	49.68	54.00	4.32	Average
3	11180.00	38.72	8.18	30.02	44.60	61.48	74.00	12.52	Peak

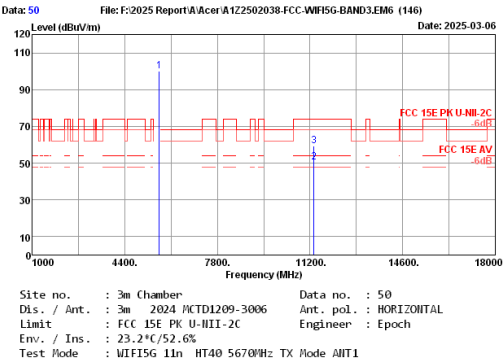
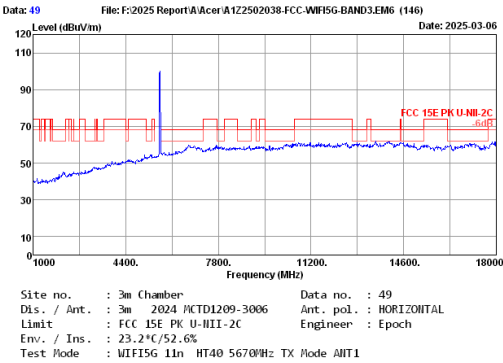
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5670.00	33.54	7.62	31.27	82.68	92.57	-----	-----	Peak
2	11340.00	38.56	8.20	29.86	32.90	49.80	54.00	4.20	Average
3	11340.00	38.56	8.20	29.86	44.09	60.99	74.00	13.01	Peak

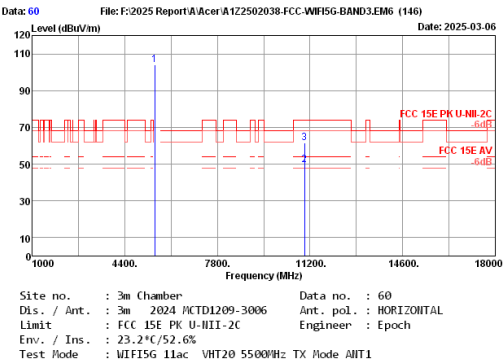
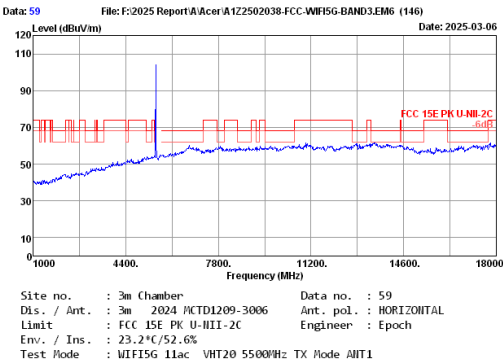
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5670.00	33.54	7.62	31.27	90.31	100.20	-----	-----	Peak
2	11340.00	38.56	8.20	29.86	33.40	50.30	54.00	3.70	Average
3	11340.00	38.56	8.20	29.86	42.48	59.38	74.00	14.62	Peak

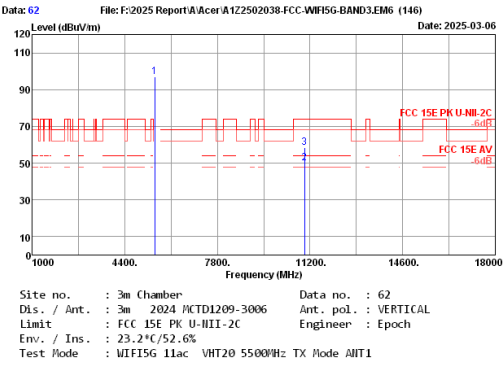
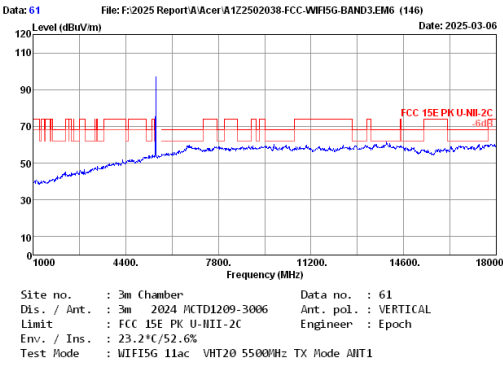
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5500.00	33.40	7.53	31.05	94.28	104.16	-----	-----	Peak
2	11000.00	38.80	8.15	30.20	32.66	49.41	54.00	4.59	Average
3	11000.00	38.80	8.15	30.20	44.95	61.70	74.00	12.30	Peak

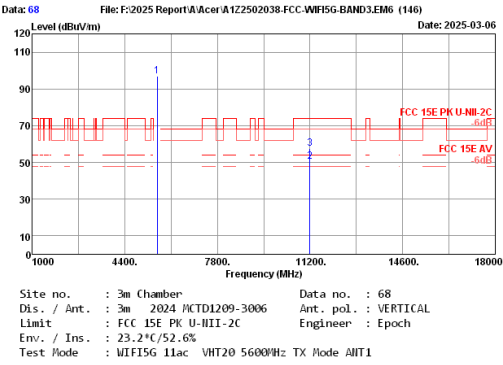
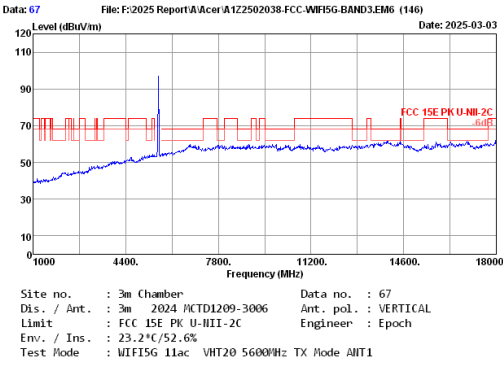
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5500.00	33.40	7.53	31.05	87.18	97.06	-----	-----	Peak
2	11000.00	38.80	8.15	30.20	33.46	50.21	54.00	3.79	Average
3	11000.00	38.80	8.15	30.20	41.69	58.44	74.00	15.56	Peak

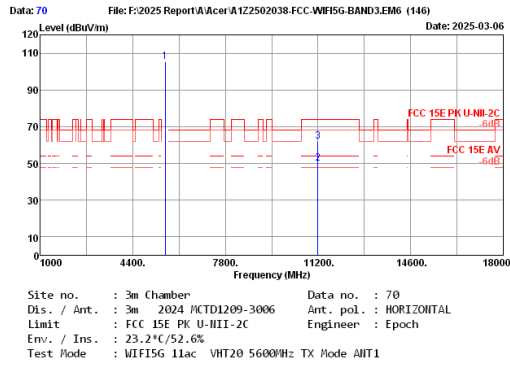
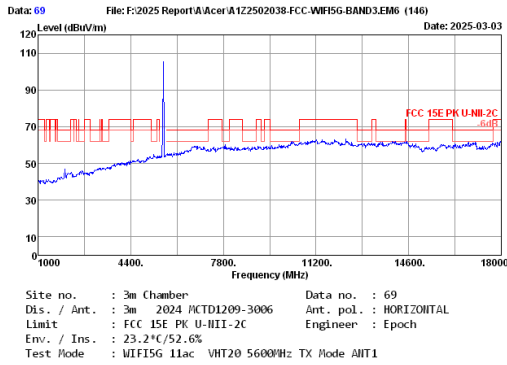
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5600.00	33.40	7.58	31.18	87.07	96.87	-----	-----	Peak
2	11200.00	38.70	8.18	30.00	33.39	50.27	54.00	3.73	Average
3	11200.00	38.70	8.18	30.00	40.65	57.53	74.00	16.47	Peak

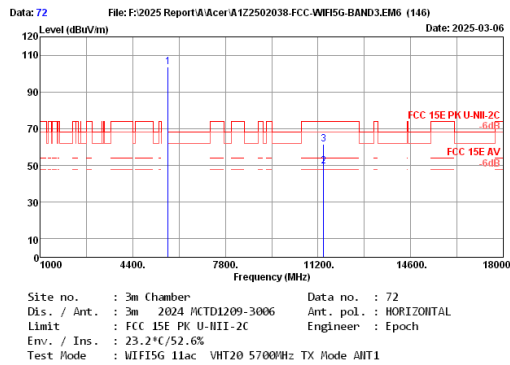
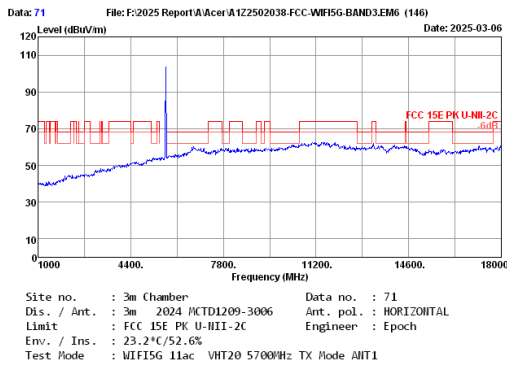
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5600.00	33.40	7.58	31.18	95.46	105.26	-----	-----	Peak
2	11200.00	38.70	8.18	30.00	33.11	49.99	54.00	4.01	Average
3	11200.00	38.70	8.18	30.00	45.23	62.11	74.00	11.89	Peak

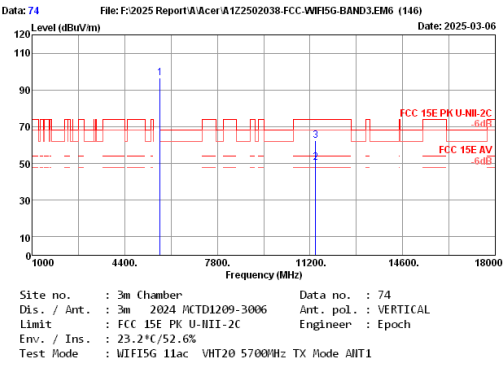
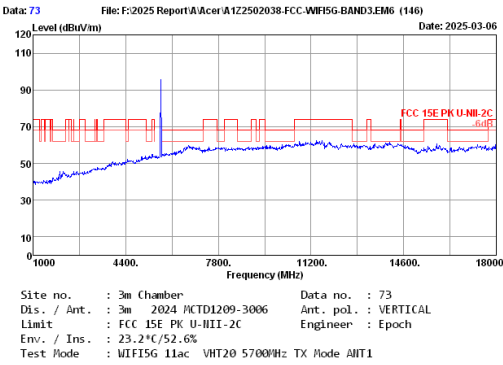
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5700.00	33.60	7.63	31.31	93.60	103.52	-----	-----	Peak
2	11400.00	38.50	8.21	29.80	32.78	49.69	54.00	4.31	Average
3	11400.00	38.50	8.21	29.80	44.59	61.50	74.00	12.50	Peak

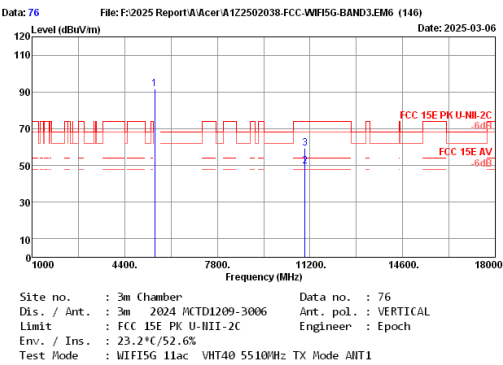
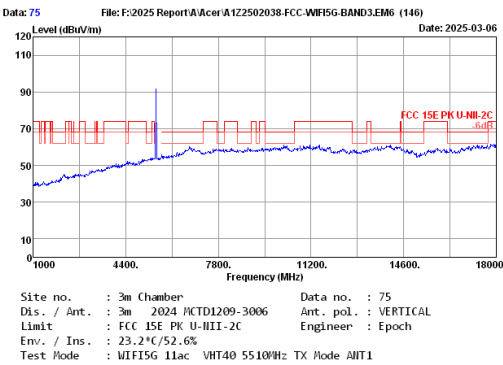
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5700.00	33.60	7.63	31.31	86.75	96.67	-----	-----	Peak
2	11400.00	38.50	8.21	29.80	33.39	50.30	54.00	3.70	Average
3	11400.00	38.50	8.21	29.80	45.32	62.23	74.00	11.77	Peak

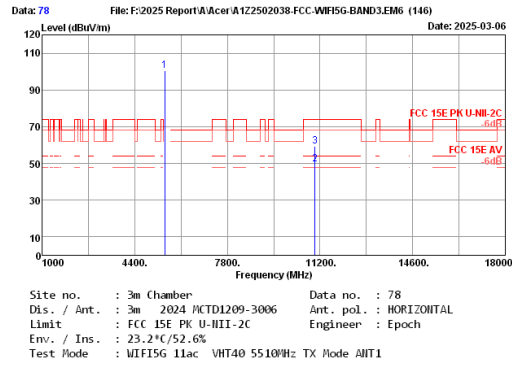
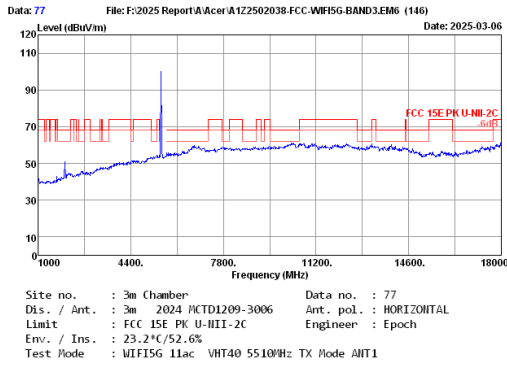
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5510.00	33.40	7.53	31.06	81.89	91.76	-----	-----	Peak
2	11020.00	38.80	8.15	30.18	32.87	49.64	54.00	4.36	Average
3	11020.00	38.80	8.15	30.18	42.59	59.36	74.00	14.64	Peak

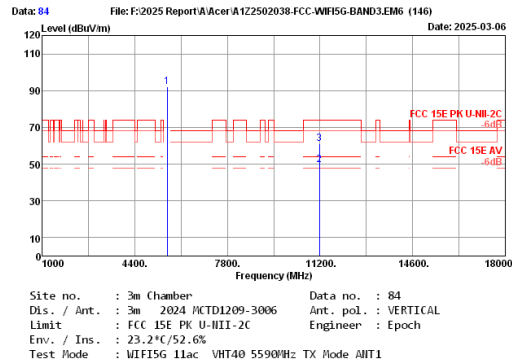
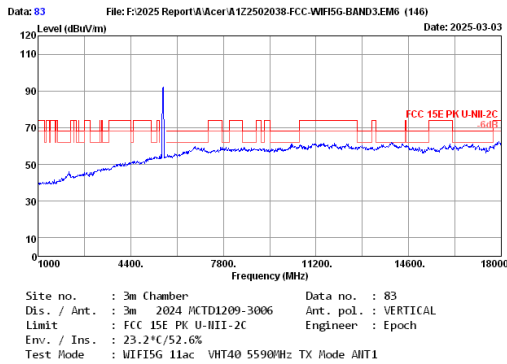
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5510.00	33.40	7.53	31.06	90.83	100.70	-----	-----	Peak
2	11020.00	38.80	8.15	30.18	33.02	49.79	54.00	4.21	Average
3	11020.00	38.80	8.15	30.18	42.42	59.19	74.00	14.81	Peak

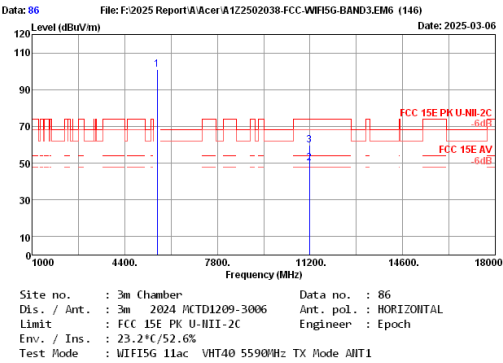
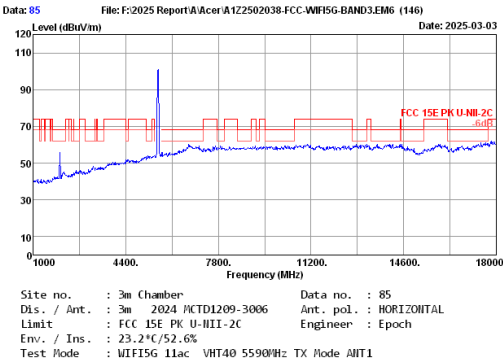
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5590.00	33.40	7.58	31.17	82.51	92.32	-----	-----	Peak
2	11180.00	38.72	8.18	30.02	32.89	49.77	54.00	4.23	Average
3	11180.00	38.72	8.18	30.02	44.16	61.04	74.00	12.96	Peak

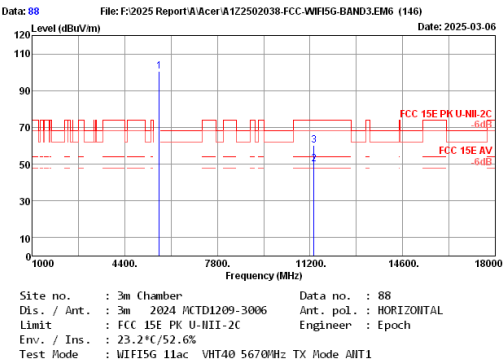
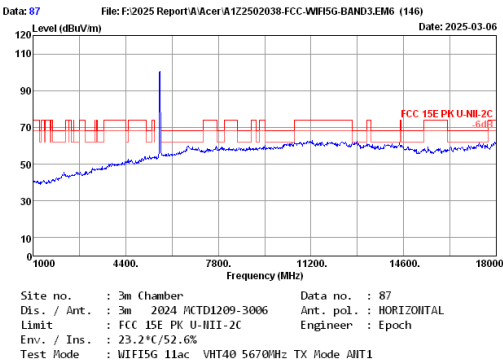
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5590.00	33.40	7.58	31.17	91.21	101.02	-----	-----	Peak
2	11180.00	38.72	8.18	30.02	33.31	50.19	54.00	3.81	Average
3	11180.00	38.72	8.18	30.02	42.68	59.56	74.00	14.44	Peak

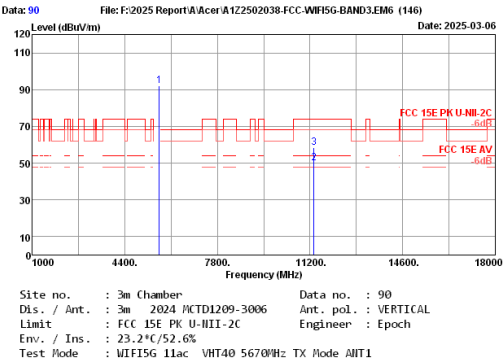
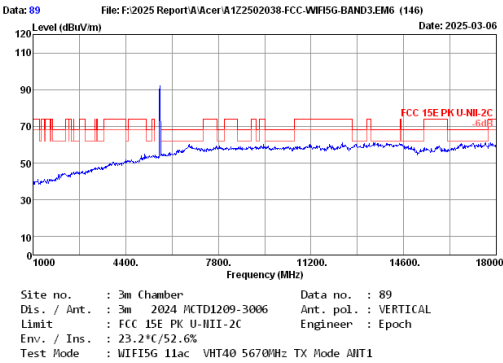
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5670.00	33.54	7.62	31.27	90.69	100.58	-----	-----	Peak
2	11340.00	38.56	8.20	29.86	33.00	49.90	54.00	4.10	Average
3	11340.00	38.56	8.20	29.86	43.54	60.44	74.00	13.56	Peak

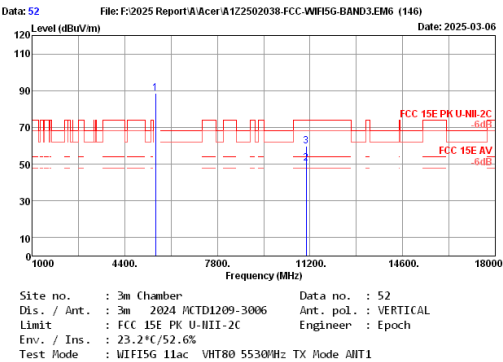
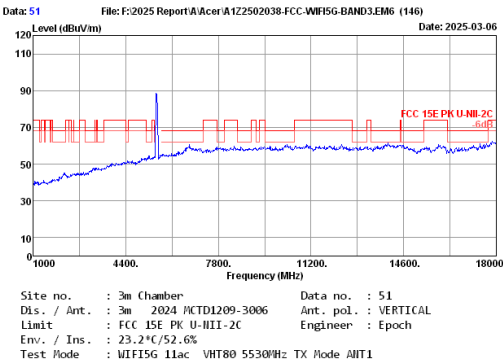
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5670.00	33.54	7.62	31.27	82.24	92.13	-----	-----	Peak
2	11340.00	38.56	8.20	29.86	33.31	50.21	54.00	3.79	Average
3	11340.00	38.56	8.20	29.86	41.45	58.35	74.00	15.65	Peak

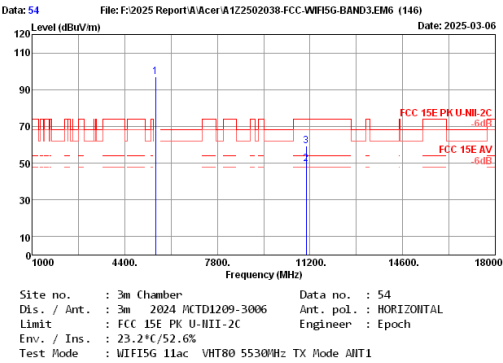
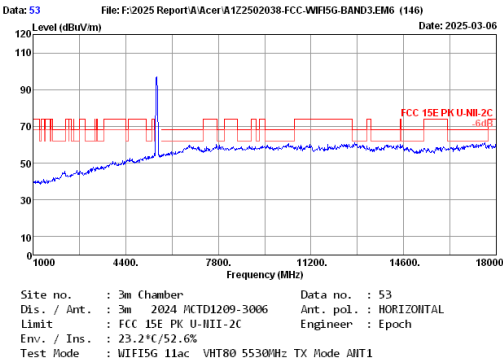
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5530.00	33.40	7.54	31.09	78.53	88.38	-----	-----	Peak
2	11060.00	38.80	8.16	30.14	33.45	50.27	54.00	3.73	Average
3	11060.00	38.80	8.16	30.14	42.93	59.75	74.00	14.25	Peak

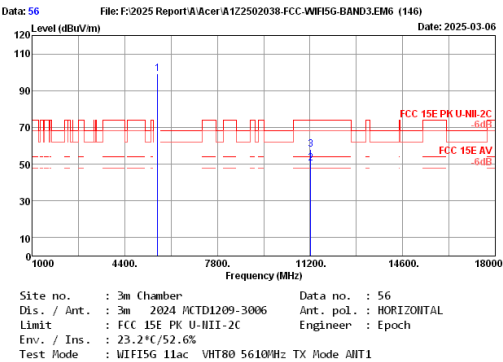
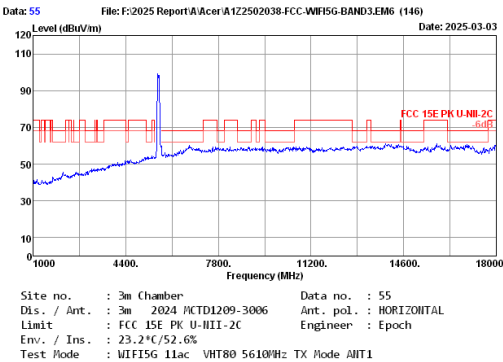
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5530.00	33.40	7.54	31.09	87.22	97.07	-----	-----	Peak
2	11060.00	38.80	8.16	30.14	32.77	49.59	54.00	4.41	Average
3	11060.00	38.80	8.16	30.14	42.36	59.18	74.00	14.82	Peak

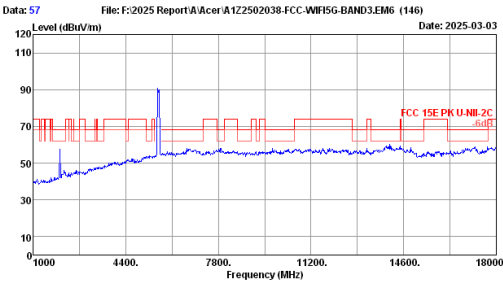
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



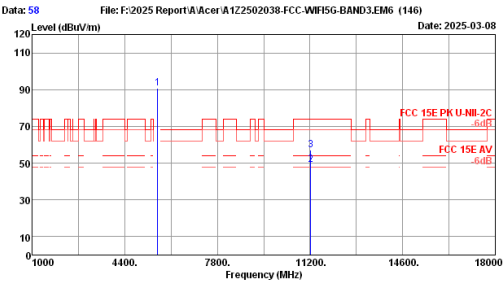
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5610.00	33.42	7.59	31.19	89.38	99.20	-----	-----	Peak
2	11220.00	38.68	8.18	29.98	33.62	50.50	54.00	3.50	Average
3	11220.00	38.68	8.18	29.98	41.04	57.92	74.00	16.08	Peak

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

FCC ID: HLZN24G4



Site no. : 3m Chamber Data no. : 57
Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC 15E PK U-NII-2C Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11ac VHT80 5610MHz TX Mode AMT1



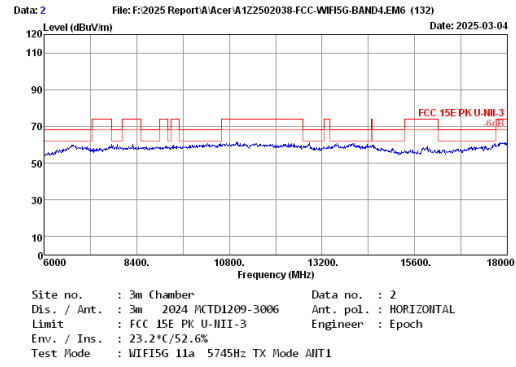
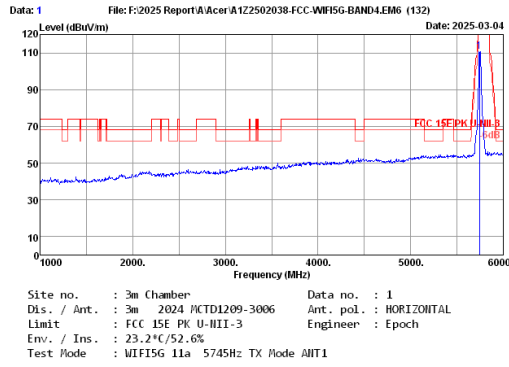
Site no. : 3m Chamber Data no. : 58
Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
Limit : FCC 15E PK U-NII-2C Engineer : Epoch
Env. / Ins. : 23.2°C/52.6%
Test Mode : WIFI5G 11ac VHT80 5610MHz TX Mode AMT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission		Margin	Remark
						Level (dBuV/m)	Limits (dBuV/m)		
1	5610.00	33.42	7.59	31.19	80.79	90.61	-----	-----	Peak
2	11220.00	38.68	8.18	29.98	32.44	49.32	54.00	4.68	Average
3	11220.00	38.68	8.18	29.98	40.05	56.93	74.00	17.07	Peak

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

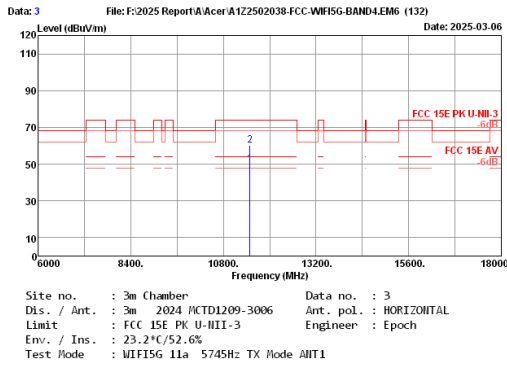
FCC ID: HLZN24G4

U-NII-3 Band:



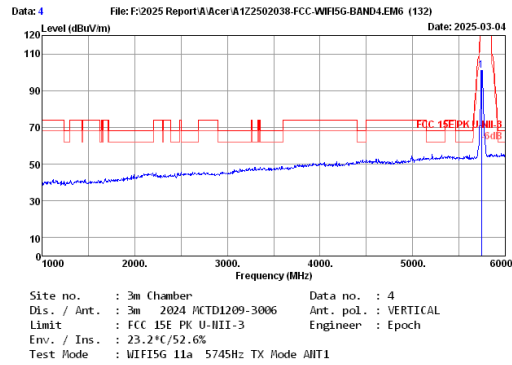
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	34.14	7.66	31.37	100.33	110.76	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11490.00	38.59	8.22	29.71	33.00	50.10	54.00	3.90	Average
2	11490.00	38.59	8.22	29.71	43.14	60.24	74.00	13.76	Peak

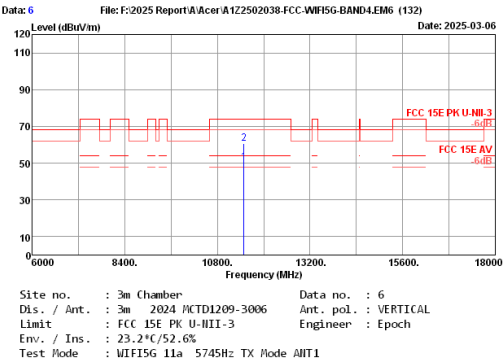
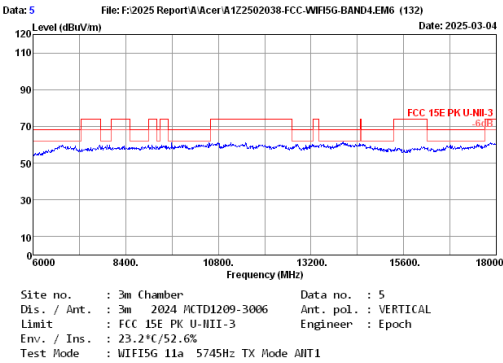
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	34.14	7.66	31.37	90.71	101.14	-----	-----	Peak

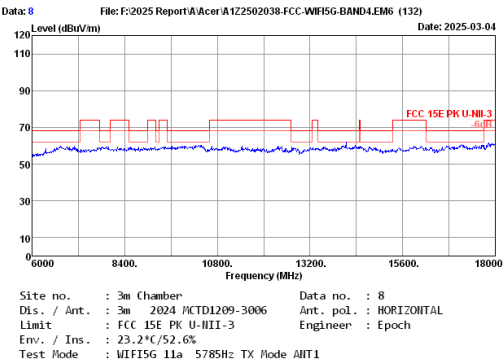
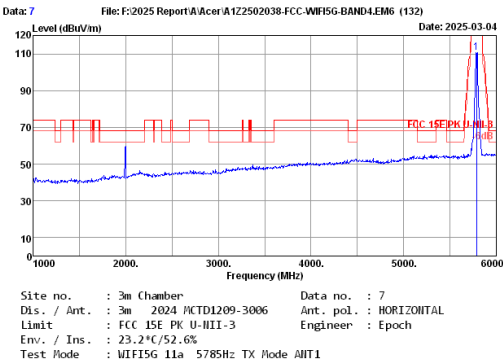
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	11490.00	38.59	8.22	29.71	33.36	50.46	54.00	3.54	Average
2	11490.00	38.59	8.22	29.71	43.67	60.77	74.00	13.23	Peak

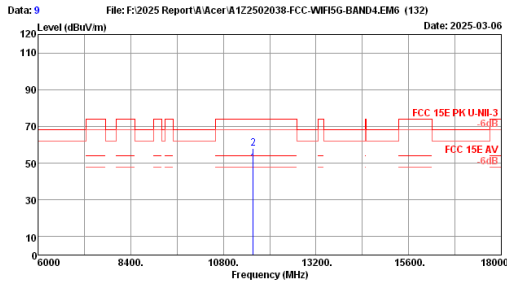
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	5785.00	34.20	7.68	31.42	100.30	110.76	-----	-----	Peak

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

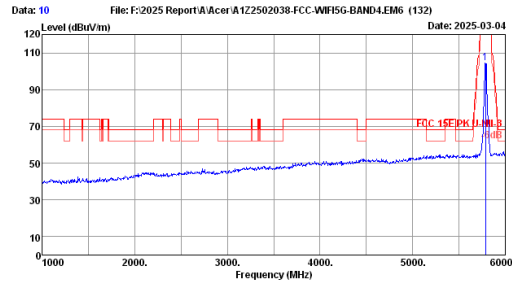
FCC ID: HLZN24G4



Site no. : 3m Chamber Data no. : 9
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11a 5785Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11570.00	38.46	8.23	29.63	33.00	50.06	54.00	3.94	Average
2	11570.00	38.46	8.23	29.63	41.08	58.14	74.00	15.86	Peak

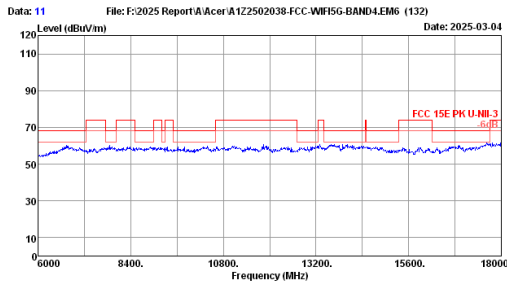
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



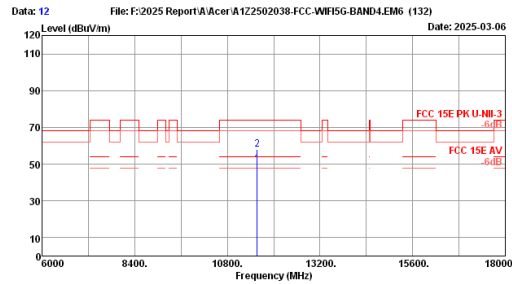
Site no. : 3m Chamber Data no. : 10
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11a 5785Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5785.00	34.20	7.68	31.42	93.84	104.30	-----	-----	Peak

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



Site no. : 3m Chamber Data no. : 11
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11a 5785Hz TX Mode AHT1

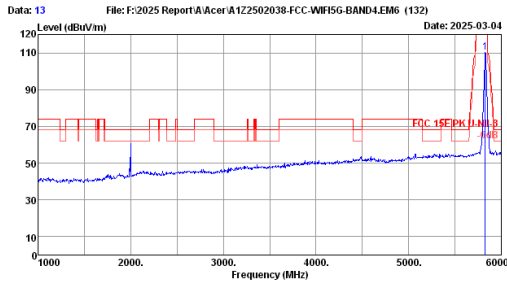


Site no. : 3m Chamber Data no. : 12
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11a 5785Hz TX Mode AHT1

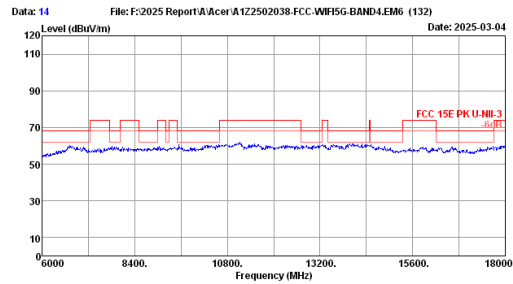
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11570.00	38.46	8.23	29.63	33.00	50.06	54.00	3.94	Average
2	11570.00	38.46	8.23	29.63	40.90	57.96	74.00	16.04	Peak

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

FCC ID: HLZN24G4



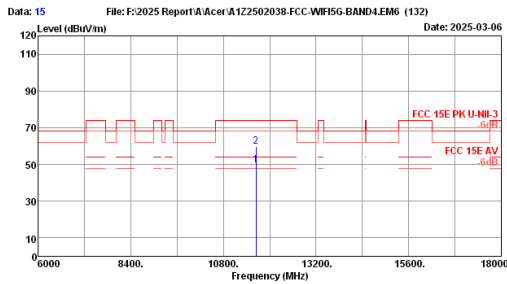
Site no. : 3m Chamber Data no. : 13
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11a 5825Hz TX Mode AHT1



Site no. : 3m Chamber Data no. : 14
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11a 5825Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5825.00	34.00	7.71	31.47	99.86	110.10	-----	-----	Peak

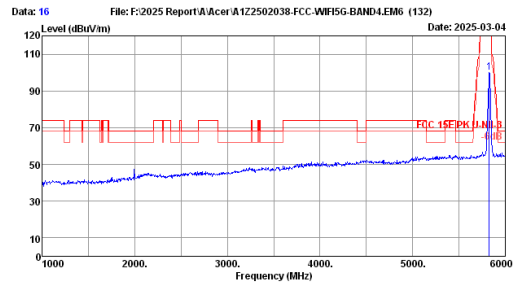
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



Site no. : 3m Chamber Data no. : 15
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11a 5825Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11650.00	38.40	8.25	29.55	32.30	49.40	54.00	4.60	Average
2	11650.00	38.40	8.25	29.55	42.84	59.94	74.00	14.06	Peak

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

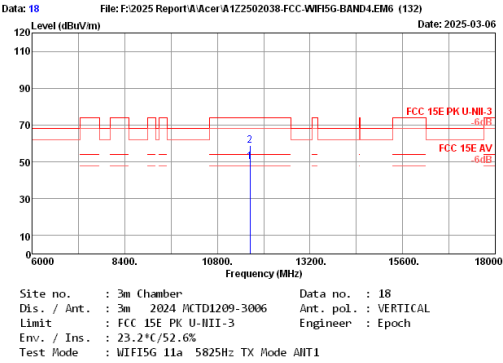
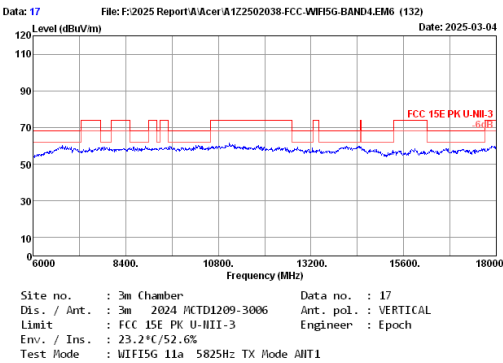


Site no. : 3m Chamber Data no. : 16
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11a 5825Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5825.00	34.00	7.71	31.47	89.74	99.98	-----	-----	Peak

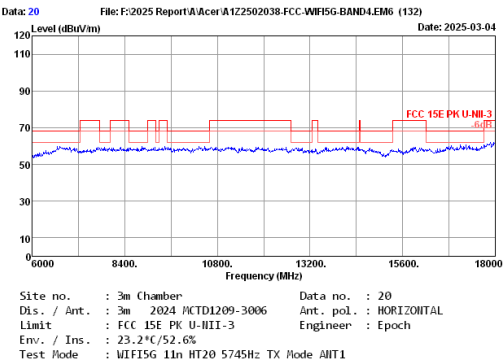
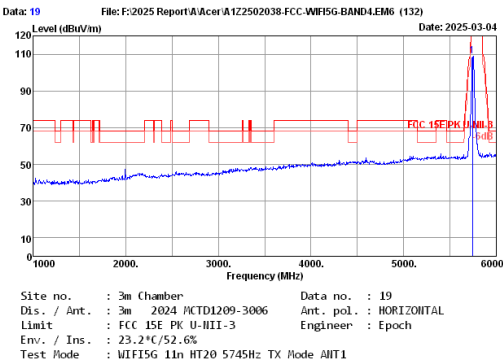
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11650.00	38.40	8.25	29.55	32.82	49.92	54.00	4.08	Average
2	11650.00	38.40	8.25	29.55	41.86	58.96	74.00	15.04	Peak

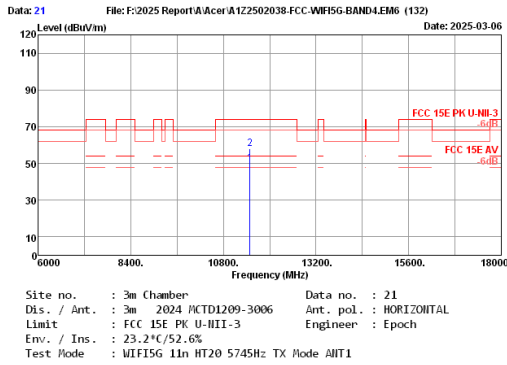
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	34.14	7.66	31.37	98.35	108.78	-----	-----	Peak

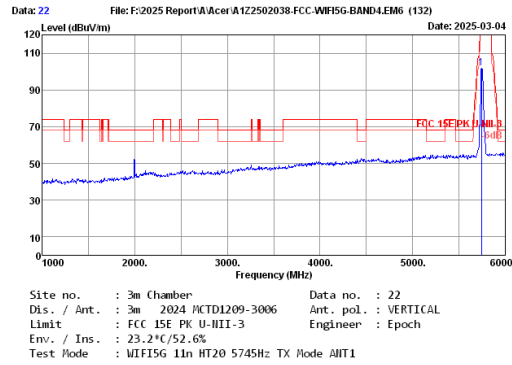
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
 -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



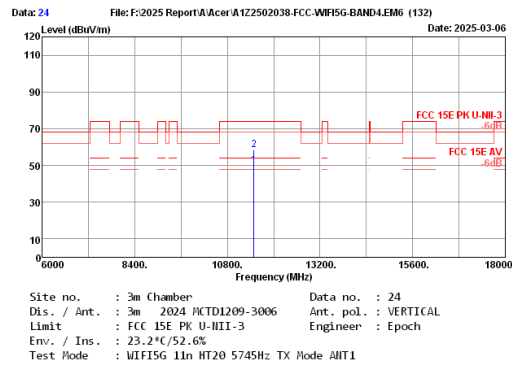
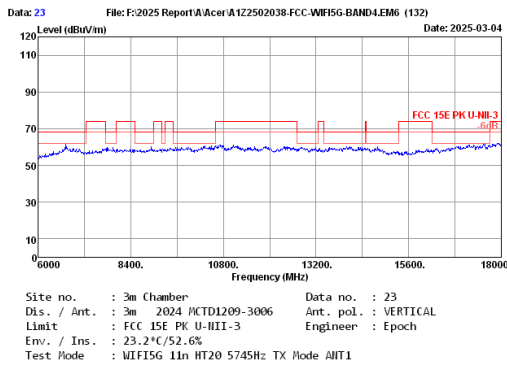
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11490.00	38.59	8.22	29.71	33.00	50.10	54.00	3.90	Average
2	11490.00	38.59	8.22	29.71	40.76	57.86	74.00	16.14	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	34.14	7.66	31.37	91.36	101.79	-----	-----	Peak

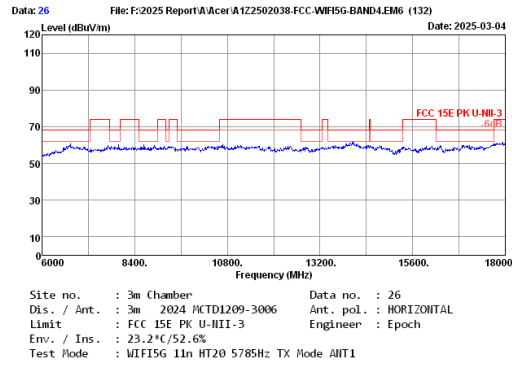
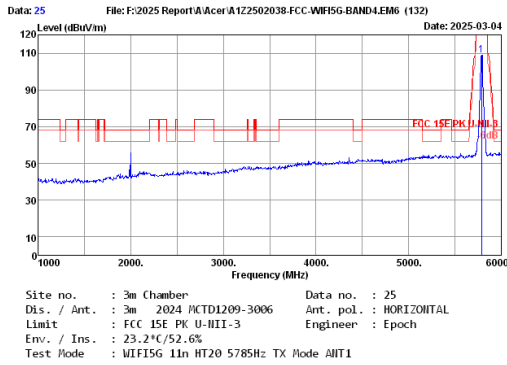
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11490.00	38.59	8.22	29.71	33.01	50.11	54.00	3.89	Average
2	11490.00	38.59	8.22	29.71	41.25	58.35	74.00	15.65	Peak

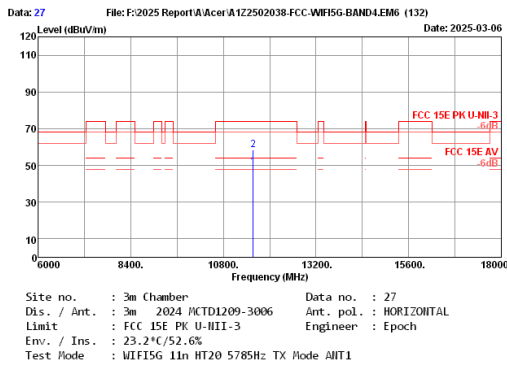
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



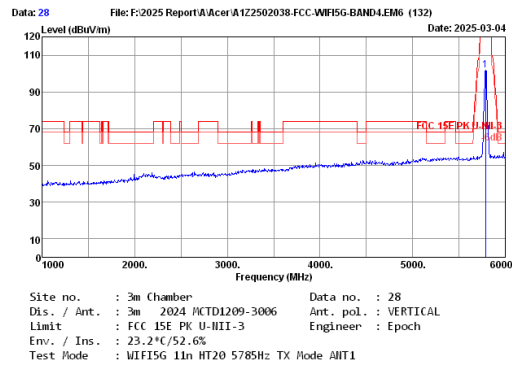
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5785.00	34.20	7.68	31.42	98.68	109.14	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11570.00	38.46	8.23	29.63	32.30	49.36	54.00	4.64	Average
2	11570.00	38.46	8.23	29.63	41.28	58.34	74.00	15.66	Peak

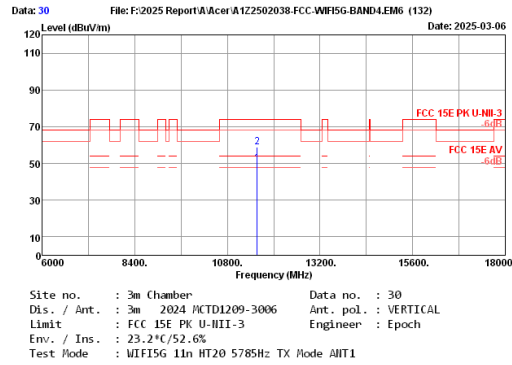
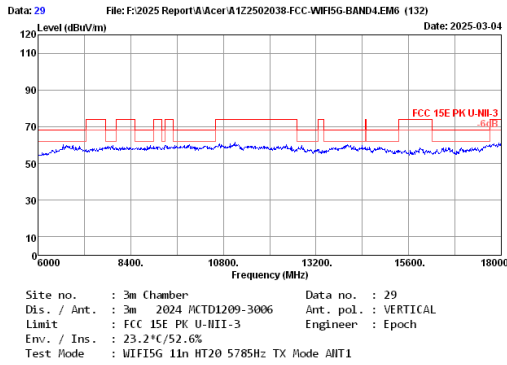
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5785.00	34.20	7.68	31.42	91.46	101.92	-----	-----	Peak

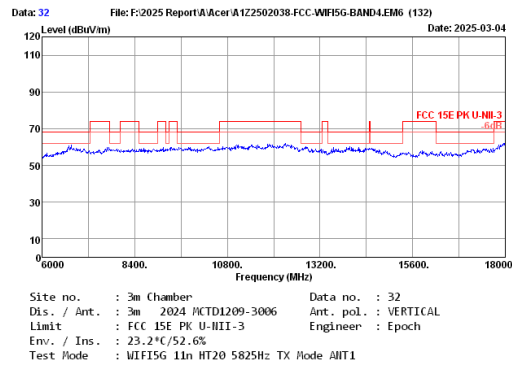
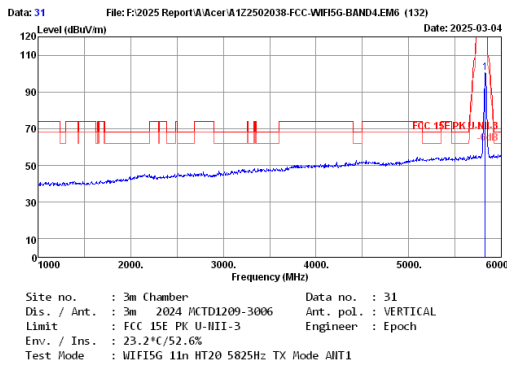
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11570.00	38.46	8.23	29.63	32.78	49.84	54.00	4.16	Average
2	11570.00	38.46	8.23	29.63	41.74	58.80	74.00	15.20	Peak

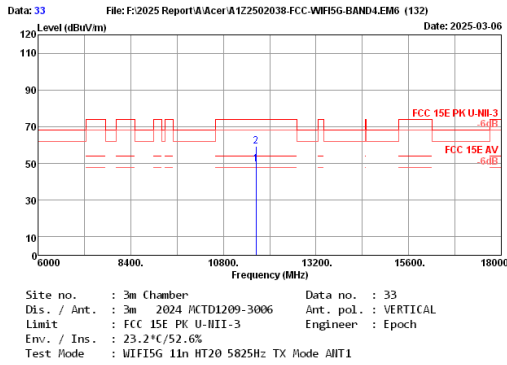
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5825.00	34.00	7.71	31.47	90.07	100.31	-----	-----	Peak

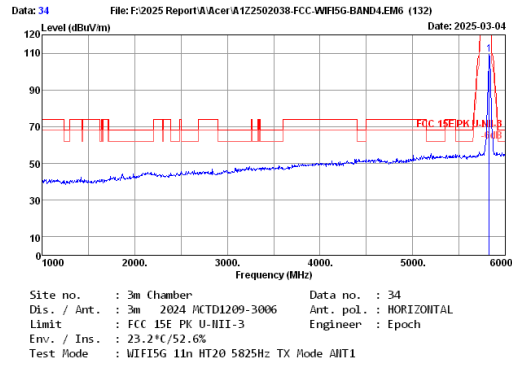
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



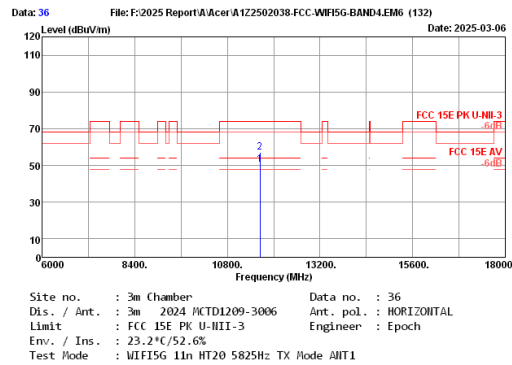
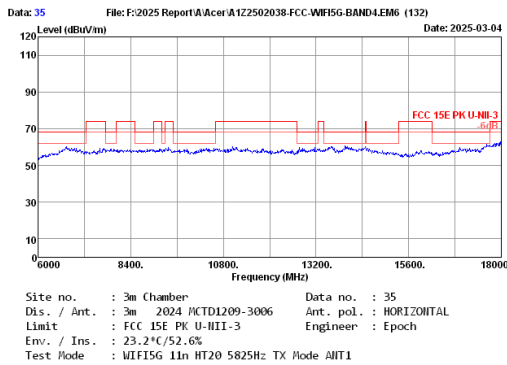
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11650.00	38.40	8.25	29.55	32.55	49.65	54.00	4.35	Average
2	11650.00	38.40	8.25	29.55	42.23	59.33	74.00	14.67	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5825.00	34.00	7.71	31.47	98.91	109.15	-----	-----	Peak

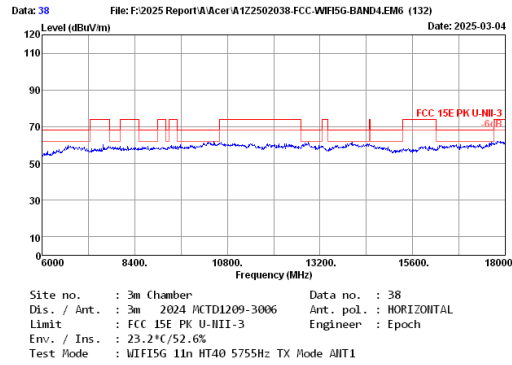
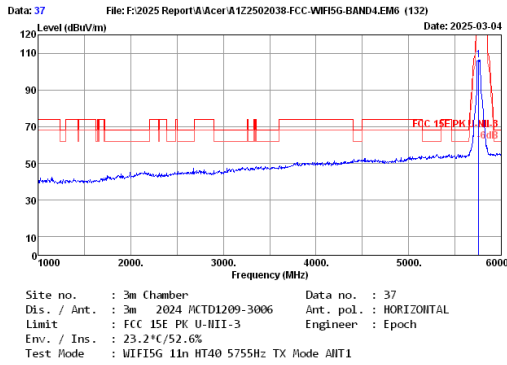
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11650.00	38.40	8.25	29.55	33.33	50.43	54.00	3.57	Average
2	11650.00	38.40	8.25	29.55	40.11	57.21	74.00	16.79	Peak

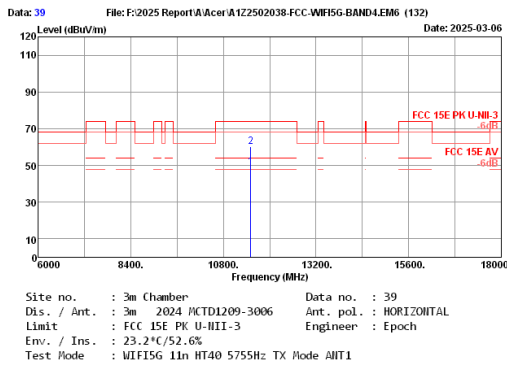
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



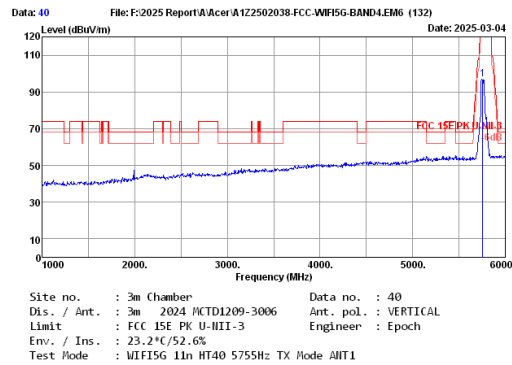
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5755.00	34.20	7.66	31.38	95.87	106.35	-----	-----	Peak

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



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11510.00	38.58	8.23	29.69	31.93	49.05	54.00	4.95	Average
2	11510.00	38.58	8.23	29.69	43.10	60.22	74.00	13.78	Peak

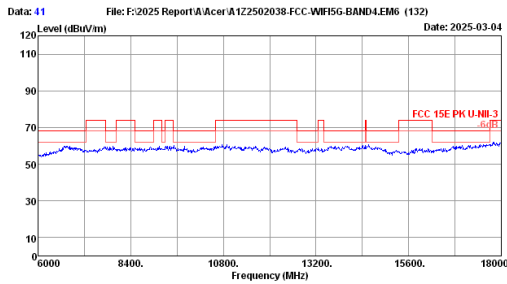
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



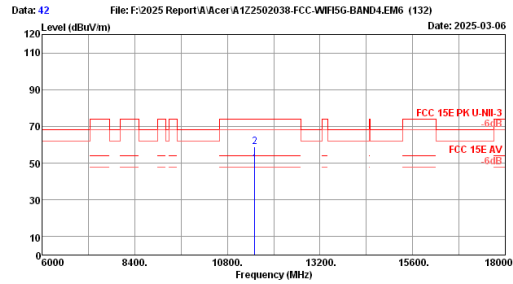
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5755.00	34.20	7.66	31.38	86.35	96.83	-----	-----	Peak

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

FCC ID: HLZN24G4



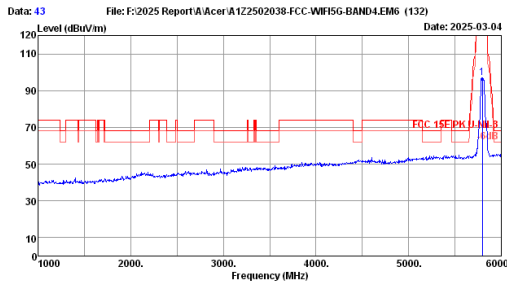
Site no. : 3m Chamber Data no. : 41
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5755Hz TX Mode AHT1



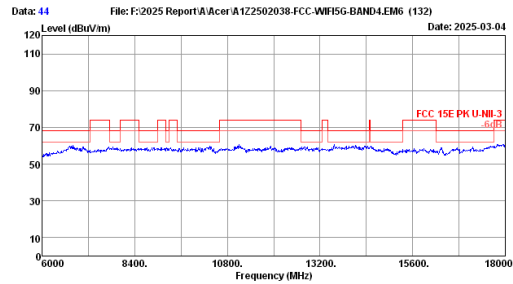
Site no. : 3m Chamber Data no. : 42
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5755Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11510.00	38.58	8.23	29.69	32.66	49.78	54.00	4.22	Average
2	11510.00	38.58	8.23	29.69	41.67	58.79	74.00	15.21	Peak

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



Site no. : 3m Chamber Data no. : 43
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5795Hz TX Mode AHT1

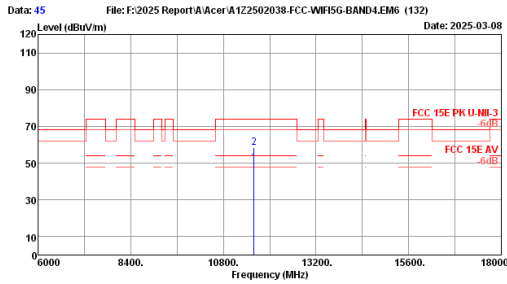


Site no. : 3m Chamber Data no. : 44
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5795Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5795.00	34.20	7.68	31.43	86.55	97.00	-----	-----	Peak

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

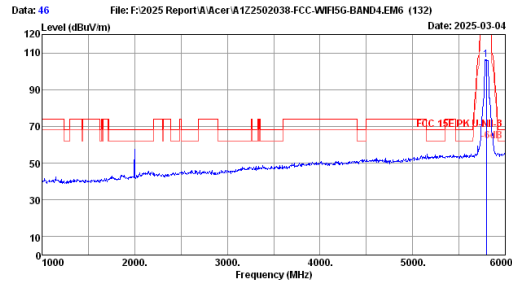
FCC ID: HLZN24G4



Site no. : 3m Chamber Data no. : 45
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5795Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11590.00	38.42	8.24	29.61	33.04	50.09	54.00	3.91	Average
2	11590.00	38.42	8.24	29.61	41.56	58.61	74.00	15.39	Peak

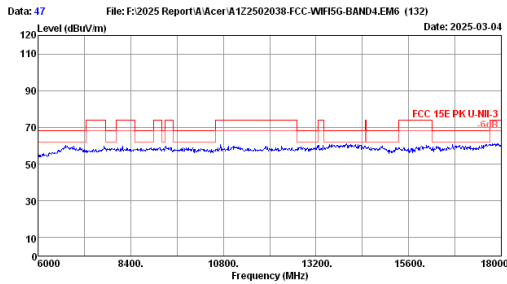
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



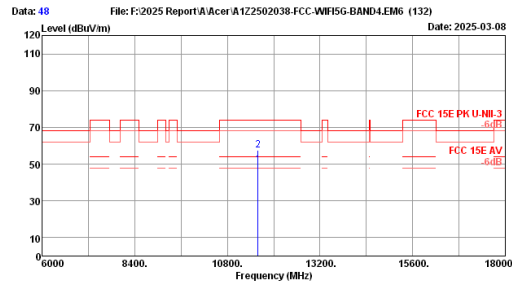
Site no. : 3m Chamber Data no. : 46
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5795Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5795.00	34.20	7.68	31.43	95.85	106.30	-----	-----	Peak

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



Site no. : 3m Chamber Data no. : 47
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5795Hz TX Mode AHT1

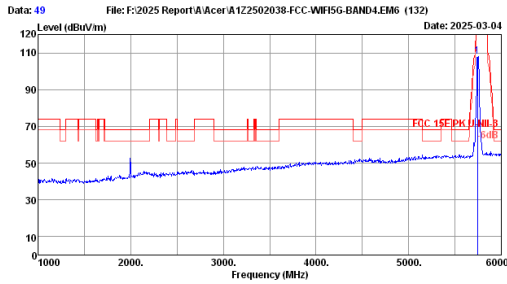


Site no. : 3m Chamber Data no. : 48
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11n HT40 5795Hz TX Mode AHT1

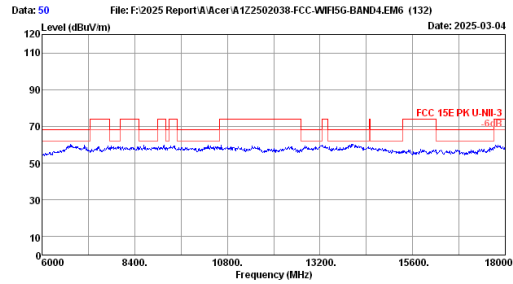
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11590.00	38.42	8.24	29.61	32.53	49.58	54.00	4.42	Average
2	11590.00	38.42	8.24	29.61	40.48	57.53	74.00	16.47	Peak

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

FCC ID: HLZN24G4



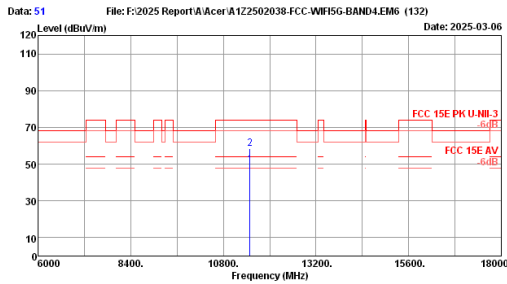
Site no. : 3m Chamber Data no. : 49
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-III-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5745Hz TX Mode AHT1



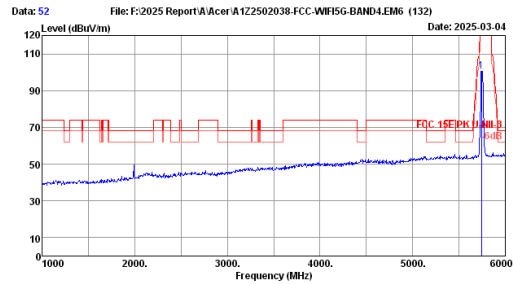
Site no. : 3m Chamber Data no. : 50
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-III-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5745Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	34.14	7.66	31.37	97.58	108.01	-----	-----	Peak

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



Site no. : 3m Chamber Data no. : 51
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-III-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5745Hz TX Mode AHT1



Site no. : 3m Chamber Data no. : 52
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-III-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5745Hz TX Mode AHT1

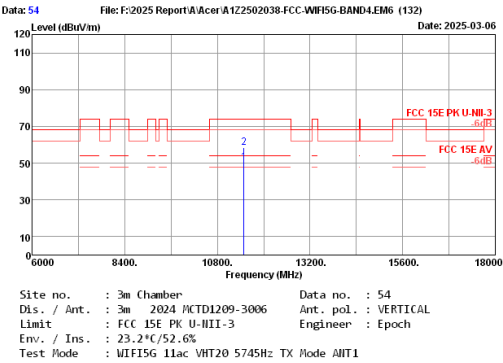
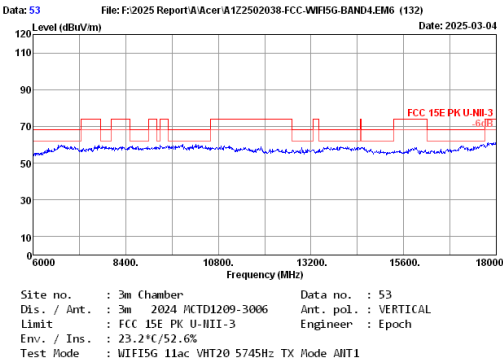
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11490.00	38.59	8.22	29.71	32.69	49.79	54.00	4.21	Average
2	11490.00	38.59	8.22	29.71	41.21	58.31	74.00	15.69	Peak

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

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5745.00	34.14	7.66	31.37	90.25	100.68	-----	-----	Peak

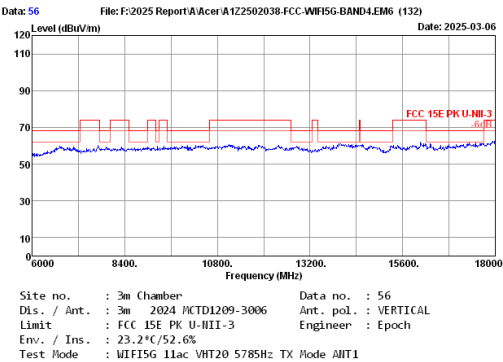
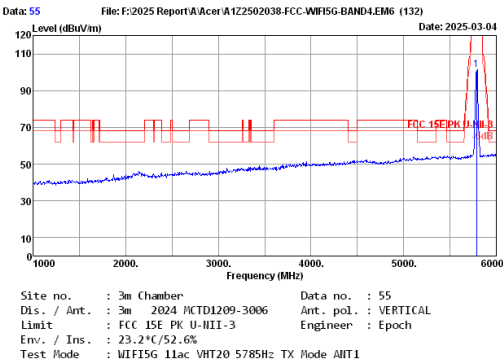
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading - Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported

FCC ID: HLZN24G4



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	11490.00	38.59	8.22	29.71	33.37	50.47	54.00	3.53	Average
2	11490.00	38.59	8.22	29.71	41.34	58.44	74.00	15.56	Peak

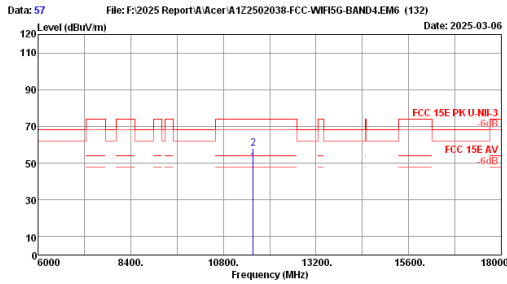
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading
-Amp factor(Peak)
2. The emission levels that are 20dB below the official
limit are not reported



No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin Limits (dB)	Remark
1	5785.00	34.20	7.68	31.42	90.75	101.21	-----	-----	Peak

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

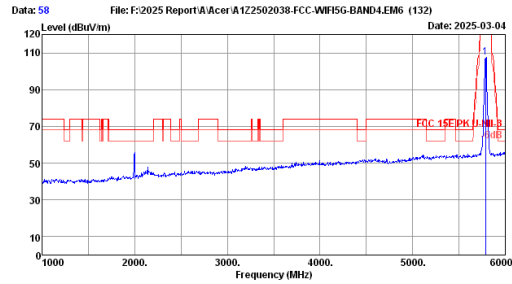
FCC ID: HLZN24G4



Site no. : 3m Chamber Data no. : 57
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : VERTICAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5785Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11570.00	38.46	8.23	29.63	33.20	50.26	54.00	3.74	Average
2	11570.00	38.46	8.23	29.63	41.01	58.07	74.00	15.93	Peak

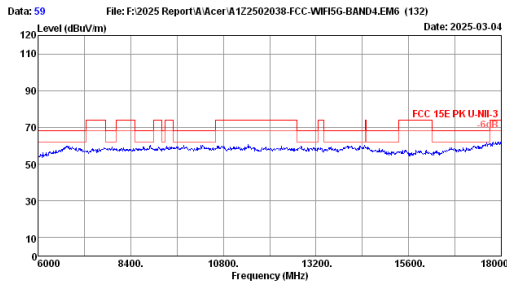
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading -Amp factor(Peak)
 2. The emission levels that are 20dB below the official limit are not reported



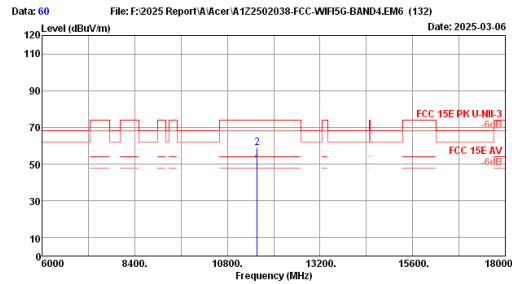
Site no. : 3m Chamber Data no. : 58
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5785Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	5785.00	34.20	7.68	31.42	97.12	107.58	-----	-----	Peak

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



Site no. : 3m Chamber Data no. : 59
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5785Hz TX Mode AHT1



Site no. : 3m Chamber Data no. : 60
 Dis. / Ant. : 3m 2024 MCTD1209-3006 Ant. pol. : HORIZONTAL
 Limit : FCC 15E PK U-NIL-3 Engineer : Epoch
 Env. / Ins. : 23.2°C/52.6%
 Test Mode : WIFI5G 11ac VHT20 5785Hz TX Mode AHT1

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	A/P Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	11570.00	38.46	8.23	29.63	33.13	50.19	54.00	3.81	Average
2	11570.00	38.46	8.23	29.63	41.77	58.83	74.00	15.17	Peak

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