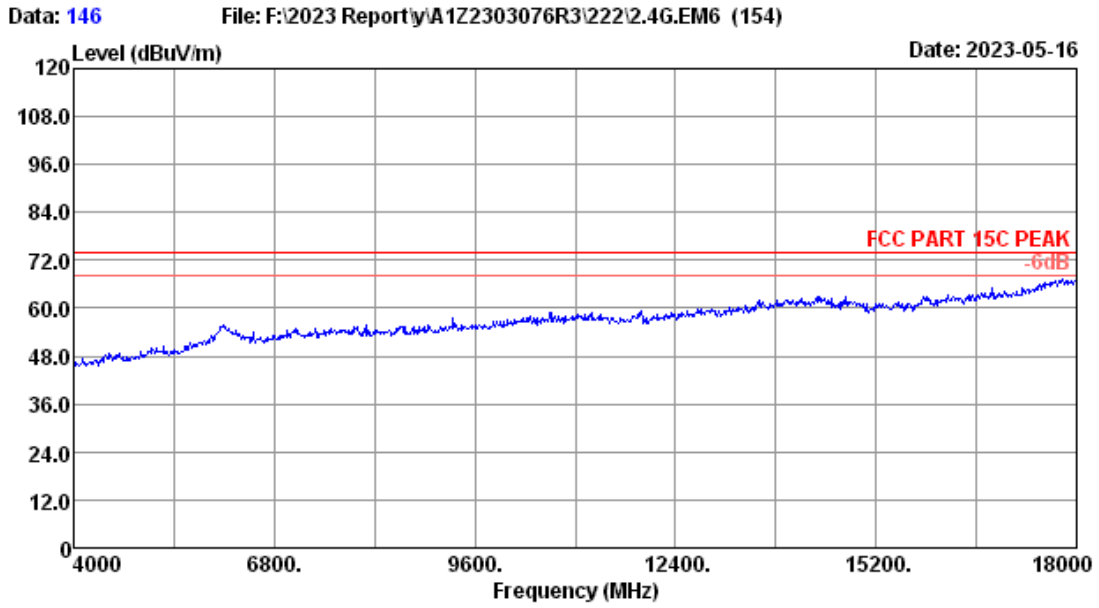


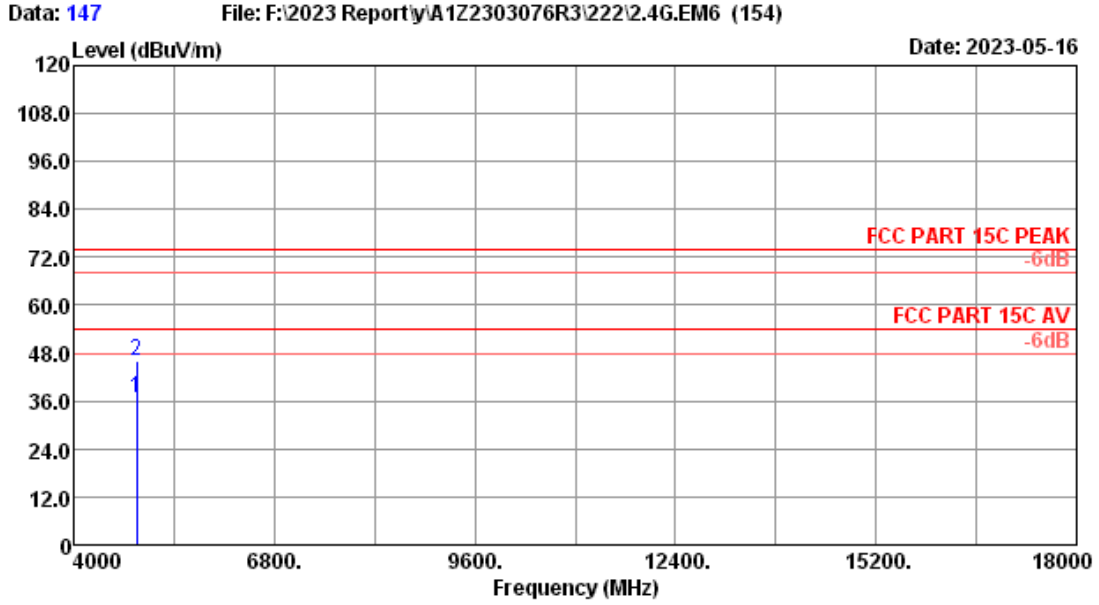
Site no. : 3m Chamber Data no. : 145  
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.2\*C/52.5% Engineer : nier  
 Test Mode : 11ax HE40 2422MHz TX  
 :  
 :

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4844.00	31.30	3.34	33.68	35.96	36.92	54.00	17.08	Average
2	4844.00	31.30	3.34	33.68	46.39	47.35	74.00	26.65	Peak

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



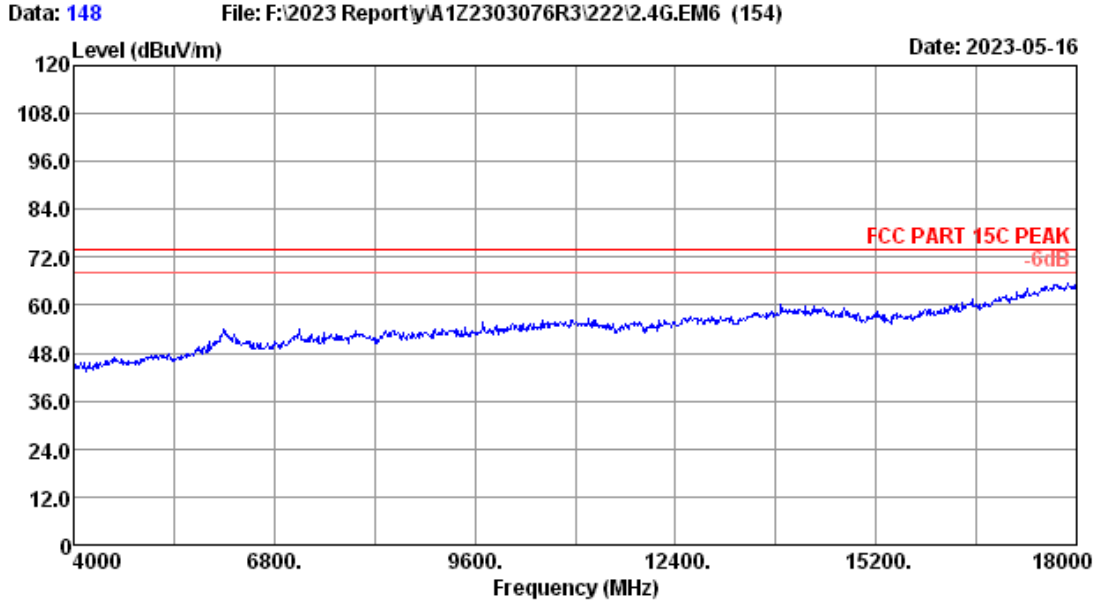
Site no.	: 3m Chamber	Data no.	: 146
Dis. / Ant.	: 3m 2022 MCTD1209-3006	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23.2*C/52.5%	Engineer	: nier
Test Mode	: 11ax HE40 2422MHz TX		
	:		
	:		



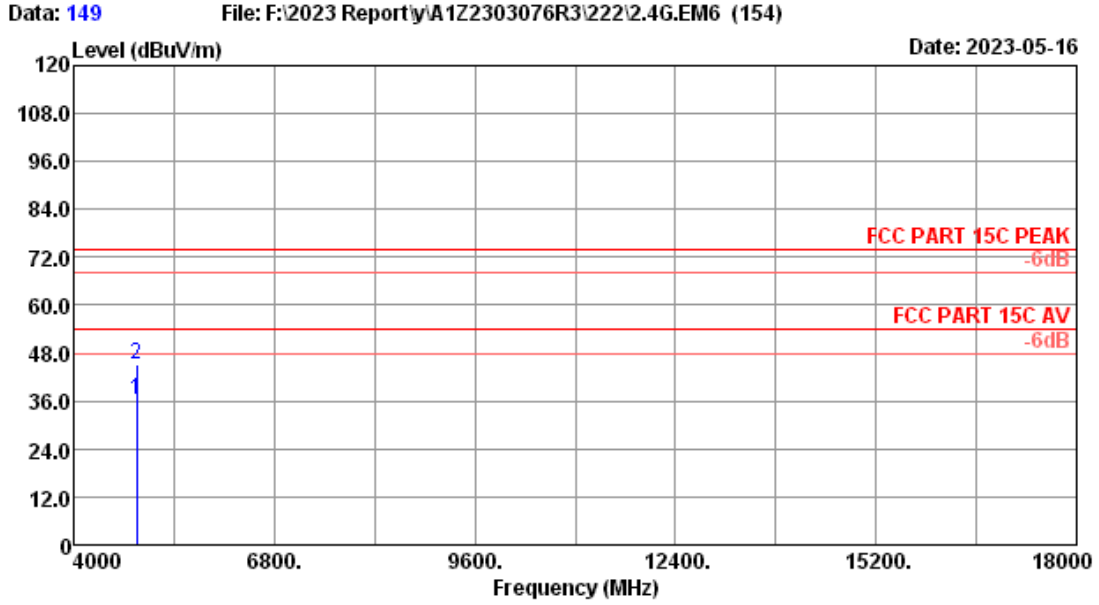
Site no. : 3m Chamber Data no. : 147  
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.2\*C/52.5% Engineer : nier  
 Test Mode : 11ax HE40 2437MHz TX  
 :  
 :

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4874.00	31.43	3.35	33.69	35.79	36.88	54.00	17.12	Average
2	4874.00	31.43	3.35	33.69	45.07	46.16	74.00	27.84	Peak

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



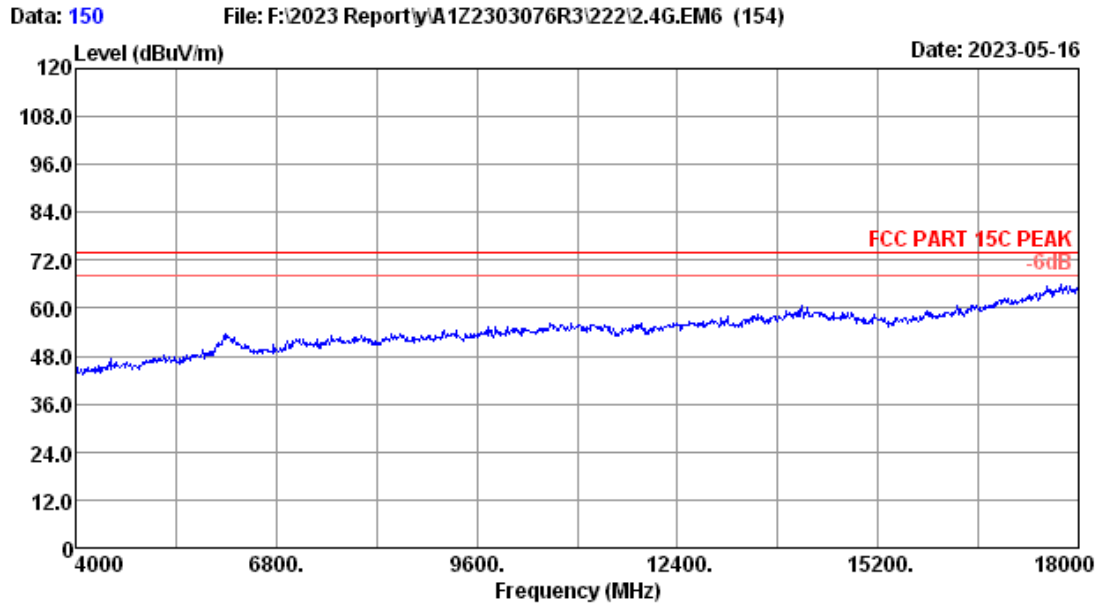
Site no.	: 3m Chamber	Data no.	: 148
Dis. / Ant.	: 3m 2022 MCTD1209-3006	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23.2*C/52.5%	Engineer	: nier
Test Mode	: 11ax HE40 2437MHz TX		
	:		
	:		



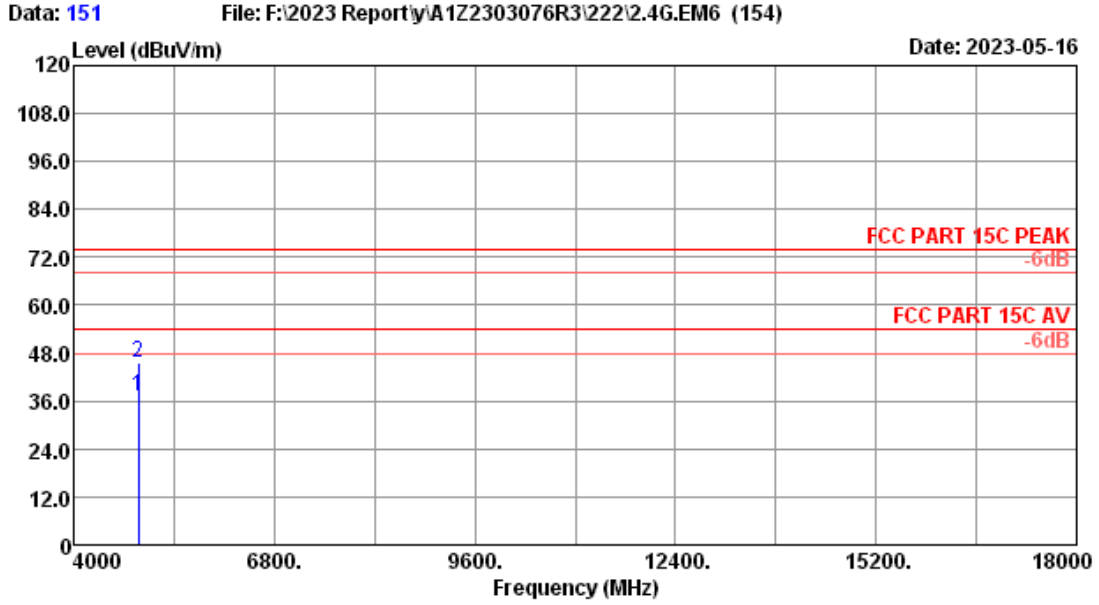
Site no. : 3m Chamber Data no. : 149  
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.2\*C/52.5% Engineer : nier  
 Test Mode : 11ax HE40 2437MHz TX  
 :  
 :

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	4874.00	31.43	3.35	33.69	35.09	36.18	54.00	17.82	Average
2	4874.00	31.43	3.35	33.69	44.03	45.12	74.00	28.88	Peak

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



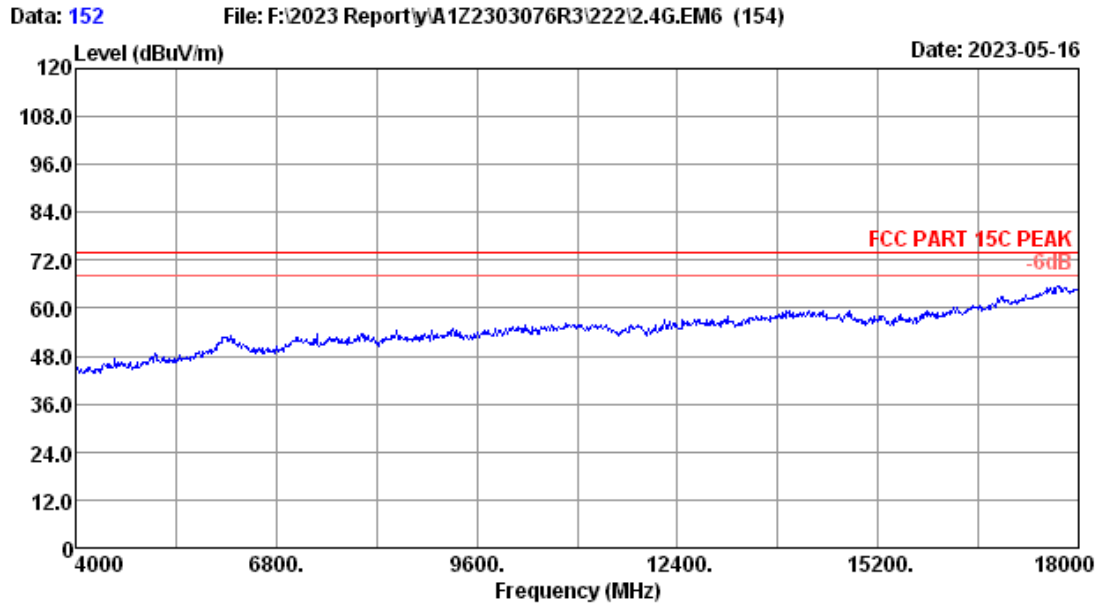
Site no.	: 3m Chamber	Data no.	: 150
Dis. / Ant.	: 3m 2022 MCTD1209-3006	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23.2*C/52.5%	Engineer	: nier
Test Mode	: 11ax HE40 2437MHz TX		
	:		
	:		



Site no. : 3m Chamber Data no. : 151  
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : HORIZONTAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.2\*C/52.5% Engineer : nier  
 Test Mode : 11ax HE40 2452MHz TX  
 :  
 :

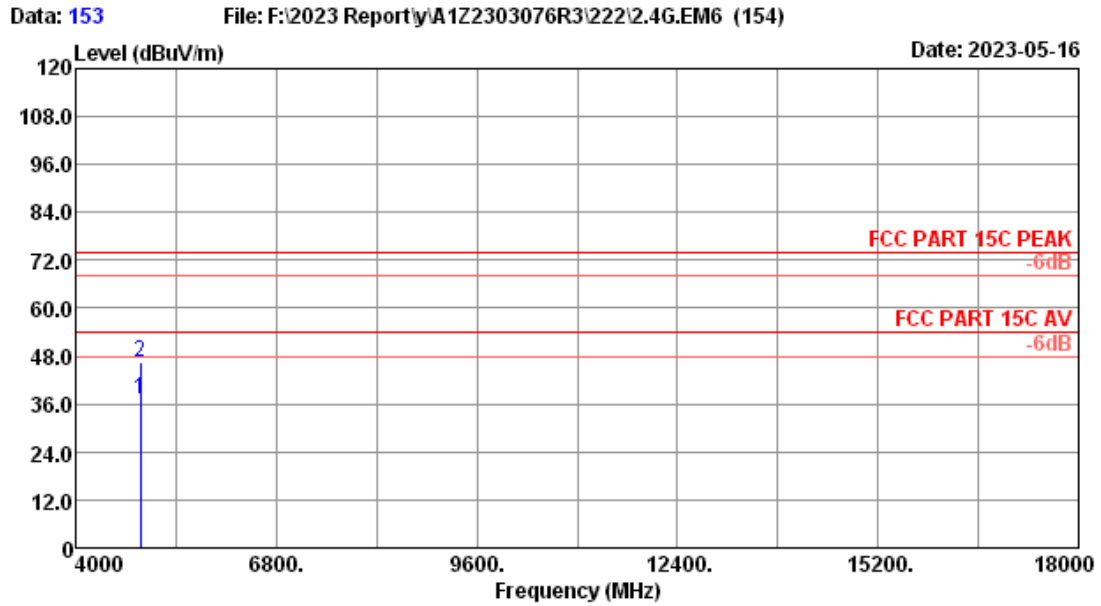
No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4904.00	31.60	3.37	33.69	35.76	37.04	54.00	16.96	Average
2	4904.00	31.60	3.37	33.69	44.50	45.78	74.00	28.22	Peak

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



Site no.	: 3m Chamber	Data no.	: 152
Dis. / Ant.	: 3m 2022 MCTD1209-3006	Ant. pol.	: HORIZONTAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23.2*C/52.5%	Engineer	: nier
Test Mode	: 11ax HE40 2452MHz TX		
	:		
	:		

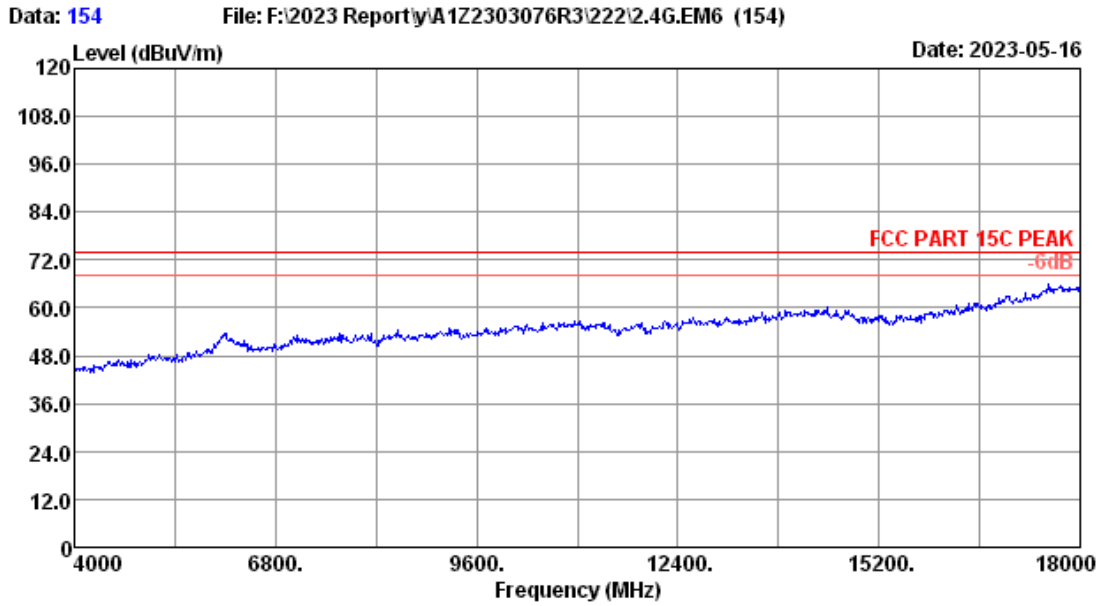




Site no. : 3m Chamber Data no. : 153  
 Dis. / Ant. : 3m 2022 MCTD1209-3006 Ant. pol. : VERTICAL  
 Limit : FCC PART 15C PEAK  
 Env. / Ins. : 23.2\*C/52.5% Engineer : nier  
 Test Mode : 11ax HE40 2452MHz TX  
 :  
 :

No.	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	4904.00	31.60	3.37	33.69	35.99	37.27	54.00	16.73	Average
2	4904.00	31.60	3.37	33.69	45.11	46.39	74.00	27.61	Peak

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



Site no.	: 3m Chamber	Data no.	: 154
Dis. / Ant.	: 3m 2022 MCTD1209-3006	Ant. pol.	: VERTICAL
Limit	: FCC PART 15C PEAK		
Env. / Ins.	: 23.2*C/52.5%	Engineer	: nier
Test Mode	: 11ax HE40 2452MHz TX		
	:		
	:		

## 5. CONDUCTED SPURIOUS EMISSIONS

### 5.1. Test Equipments

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	PXA Signal Analyzer	Agilent	N9030A	MY51380221	Apr.02,23	1 Year
2.	RF Cable	eastsheep	141-SMA-JJ-1000	NO.6	Jul.01,22	1 Year

### 5.2. Limit

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

### 5.3. Test Procedure

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

### 5.4. Test result

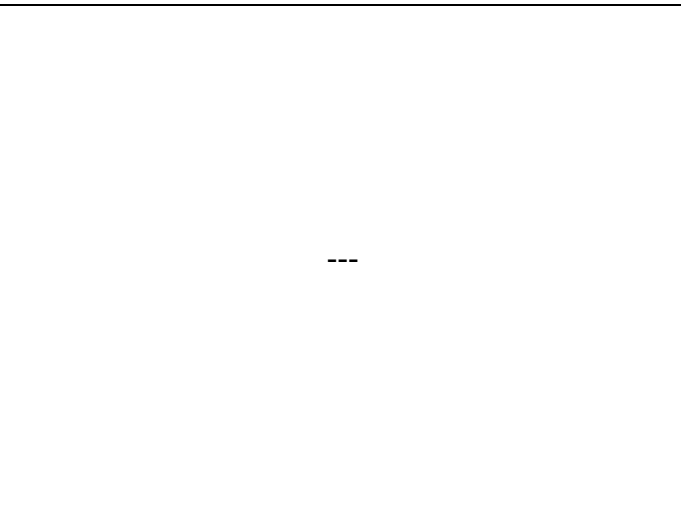
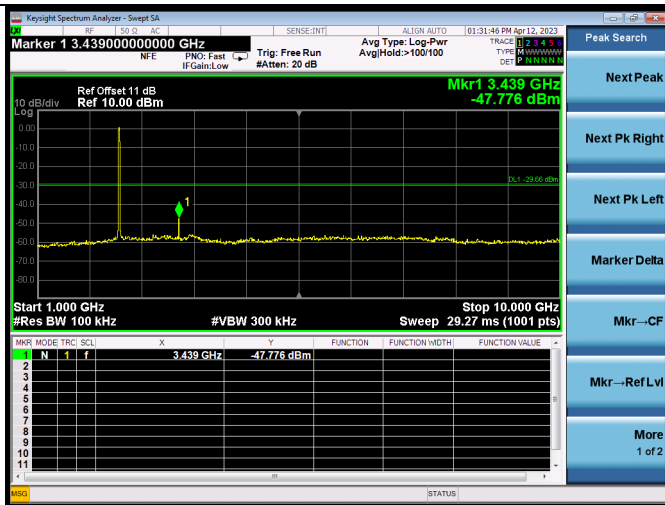
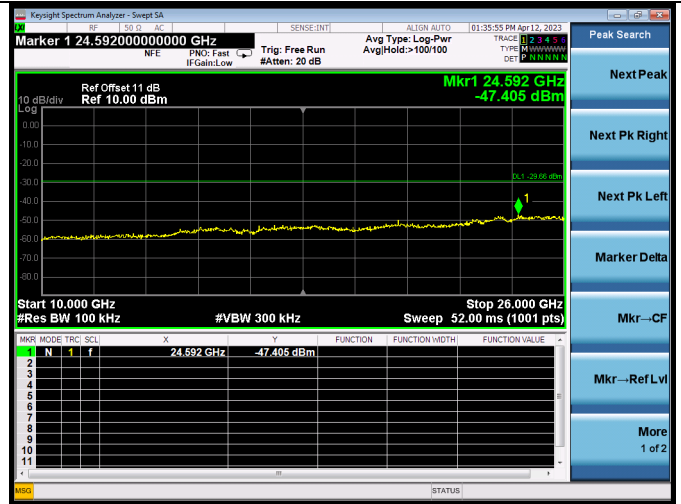
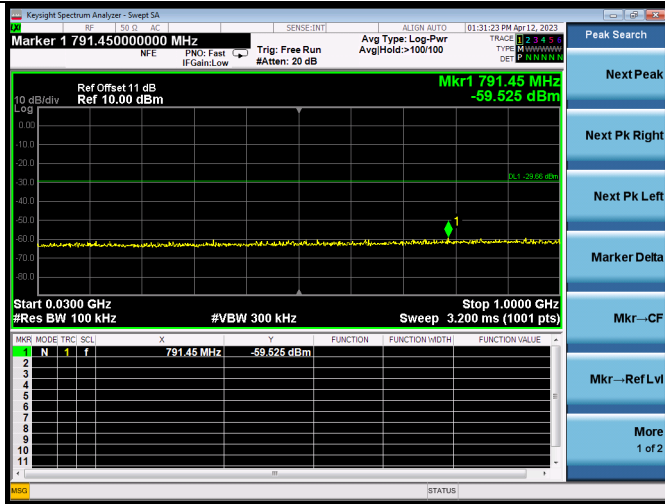
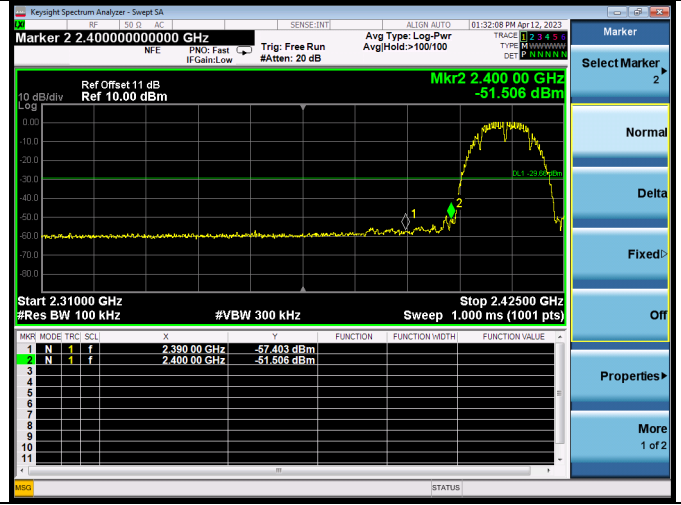
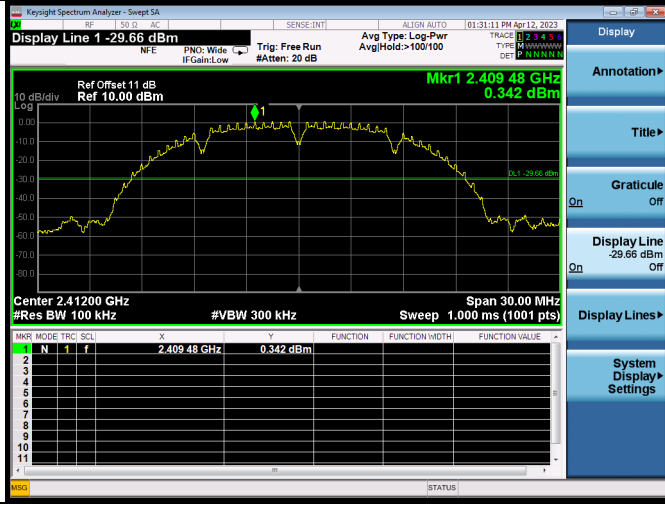
**PASS** (The testing data was attached in the next pages.)

EUT: Mini PC		
M/N: A Series		
Test date: 2023-04-12	Pressure: 102.1±1.0 kpa	Humidity: 53.2±3.0%
Tested by: Nier	Test site: RF site	Temperature: 22.3±0.1 °C

ANT0

Test Mode: IEEE 802.11b

Test CH1: 2412MHz



Test CH6: 2437MHz

