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Dates of Tests: May 03 ,2024 ~ May 24 ,2024  
Test Report S/N: LR500112405G  
Test Site : LTA CO., LTD.

## CERTIFICATION OF COMPLIANCE

FCC ID.

**2BF8ORL-CDE-SC-210**

APPLICANT

**ROBOLINK INC.**

<b>Equipment Class</b>	:	<b>Digital Transmission System (DTS)</b>
<b>Manufacturing Description</b>	:	<b>Drone</b>
<b>Manufacturer</b>	:	<b>Apex Drone(Shenzhen)Co., Ltd</b>
<b>Model name</b>	:	<b>RL-CDE-SC-210</b>
<b>Variant Model name</b>	:	<b>-</b>
<b>Test Device Serial No.:</b>	:	<b>Identical prototype</b>
<b>Rule Part(s)</b>	:	<b>FCC Part 15.247 Subpart C ; ANSI C63.10 - 2013</b>
<b>Frequency Range</b>	:	<b>2403 ~ 2480 MHz</b>
<b>Max. Output Power</b>	:	<b>Max 6.06 dBm - Conducted</b>
<b>Data of issue</b>	:	<b>May 27 ,2024</b>

This test report is issued under the authority of:

The test was supervised by:

Ja-Beom Koo, Manager

Eun-Hwan Jung, Test Engineer

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## 1. General information

### 1-1 Test Performed

Company name : LTA Co., Ltd.  
 Address : 243, Jubug-ri, Yangji-Myeon, Youngin-Si, Kyunggi-Do, Korea. 17159  
 Web site : <http://www.ltalab.com>  
 E-mail : [chahn@ltalab.com](mailto:chahn@ltalab.com)  
 Telephone : +82-31-323-6008  
 Facsimile : +82-31-323-6010

Quality control in the testing laboratory is implemented as per ISO/IEC 17025 which is the “General requirements for the competents of calibration and testing laboratory”.

### 1-2 Accredited agencies

LTA Co., Ltd. is approved to perform EMC testing by the following agencies:

Agency	Country	Accreditation No.	Validity	Reference
RRA	KOREA	KR0049	-	EMC accredited Lab.
FCC	U.S.A	649054	2025-03-29	FCC CAB
VCCI	JAPAN	C-4948,	2026-09-10	VCCI registration
VCCI	JAPAN	T-2416,	2026-09-10	VCCI registration
VCCI	JAPAN	R-4483(10 m),	2026-10-15	VCCI registration
VCCI	JAPAN	G-847	2024-12-13	VCCI registration
IC	CANADA	5799A-1	2024-08-15	IC filing

## 2. Information about test item

### 2-1 Client & Manufacturer

Client Company name : ROBOLINK INC.  
 Address : 5075 Shoreham Pl. Ste 110, San Diego, CA 92122 USA  
 Tel / Fax : +1-858-876-5123 / -  
 Manufacturer : Apex Drone(Shenzhen)Co., Ltd  
 Address : F401/A001 Building, Zhiji Group Industrial Park, No.92 Jinye, Road,  
 Kuichong Dapeng New District, Shenzhen, China  
 Tel / Fax : +1-858-876-5123 / -

### 2-2 Equipment Under Test (EUT)

Model name : ROBOLINK INC.  
 Serial number : Identical prototype  
 Date of receipt : May 03 ,2024  
 EUT condition : Pre-production, not damaged  
 Antenna type : Wire Antenna (Max Gain : 0 dBi)  
 Frequency Range : 2403 ~ 2480 MHz  
 RF output power : Max 6.06 dBm – Conducted  
 Type of Modulation : GFSK  
 Power Source : DC 3.7 V

### 2-3 Tested frequency

	LOW	MID	HIGH
Frequency (MHz)	2403	2440	2480

### 2-4 Ancillary Equipment

Equipment	Model No.	Serial No.	Manufacturer
-	-	-	-

### 3. Test Report

#### 3.1 Summary of tests

FCC Part Section(s)	Parameter	Test Condition	Status (note 1)
15.247(a)	6 dB Bandwidth	Conducted	C
15.247(b)	Transmitter Peak Output Power		C
15.247(e)	Transmitter Power Spectral Density		C
15.247(d)	Band Edge & Conducted Spurious emission		C
15.209	Transmitter emission	Radiated	C
15.207	AC Conducted Emissions	Conducted	N/A
15.203	Antenna requirement	-	C

N/A : This product is only operated with DC voltage.

The above equipment was tested by LTA Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10-2013 and the energy emitted by the sample EUT tested as described in this report is in compliance with the requirements of FCC Rules Part 2 and Part 15.247 The test results of this report relate only to the tested sample identified in this report.

The tests were performed according to the method of measurements prescribed in KDB No.558074.

→ Antenna Requirement

ROBOLINK INC. FCC ID: 2BF8ORL-CDE-SC-210 unit complies with the requirement of §15.203.

The antenna type is Wire Antenna

### 3.2 Technical Characteristics Test

#### 3.2.1 6 dB Bandwidth

**Procedure:**

The bandwidth at 6 dB below the highest in-band spectral density was measured with a spectrum analyzer connected to the antenna terminal, while EUT is operating in transmission mode at the appropriate frequencies.

After the trace being stable, Use the marker-to-peak function to set the marker to the peak of the emission. Use the marker-delta function to measure 6 dB down one side of the emission. Reset the marker-delta function, and move the marker to the other side of the emission, until it is ( as close as possible to ) even with the reference marker level. The marker-delta reading at this point is the 6 dB bandwidth of the emission.

The spectrum analyzer is set to:

Center frequency = the highest, middle and the lowest channels

RBW = 100 kHz

Span = 3 X RBW

VBW = 3 X RBW

Sweep = auto

Trace = max hold

Detector function = peak

**Measurement Data : Complies**

Frequency (MHz)	Test Results	
	Measured Bandwidth (MHz)	Result
2403	0.673	Complies
2440	0.673	Complies
2480	0.543	Complies

- See next pages for actual measured spectrum plots.

**Minimum Standard:**

6 dB Bandwidth ≥ 500 kHz

**Measurement Setup**

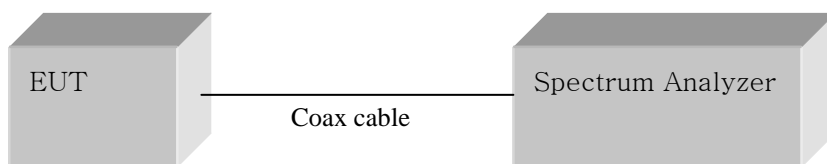
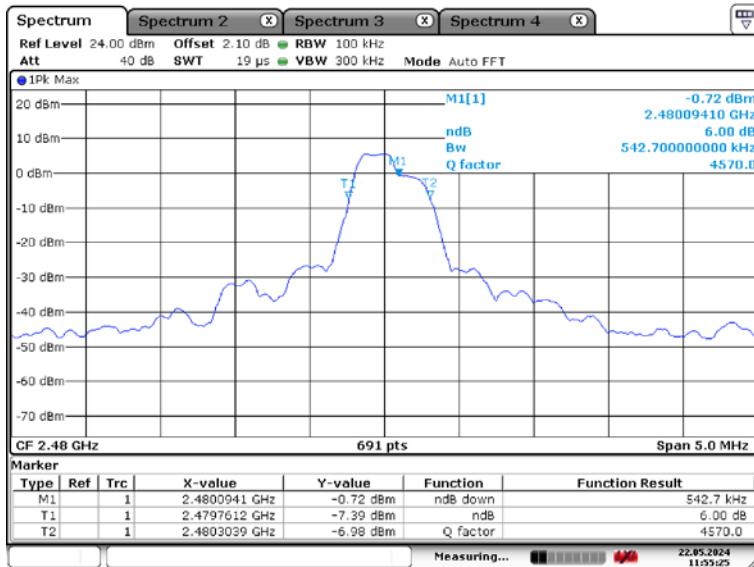
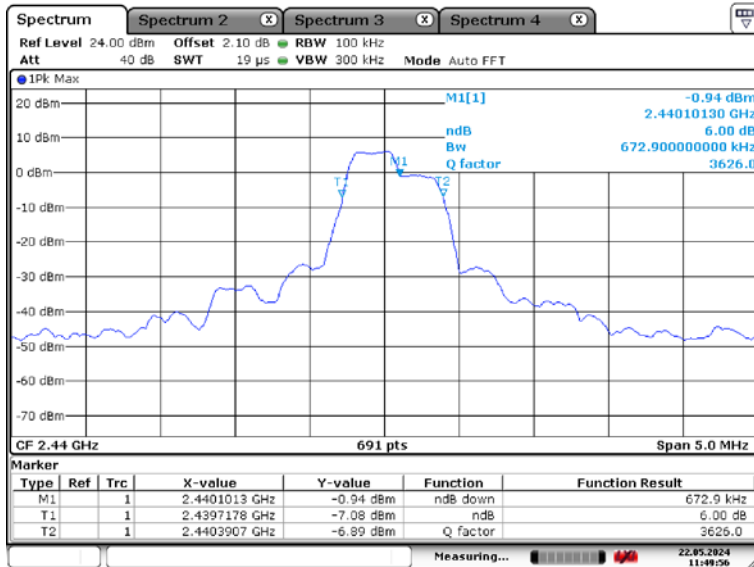
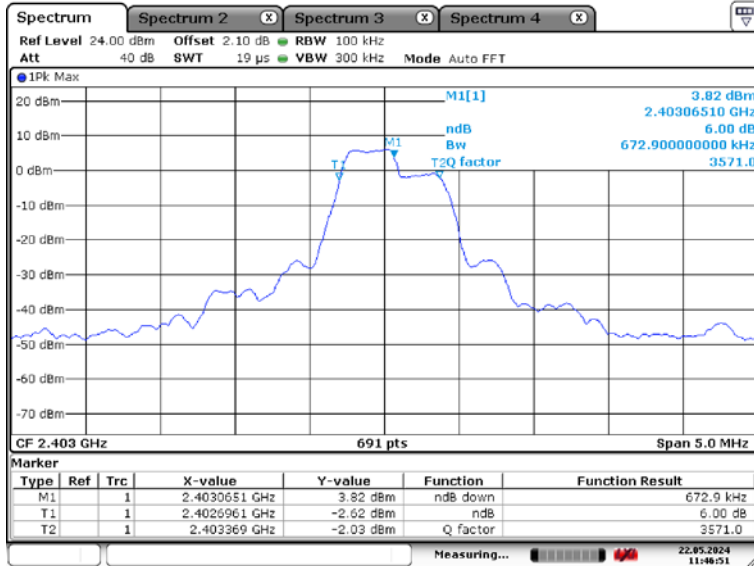


Figure 1: Measurement setup for the carrier frequency separation



**3.2.2 Peak Output Power Measurement**

**Procedure:**

The following procedure can be used when the maximum available RBW of the instrument is less than the DTS bandwidth :

The spectrum analyzer is set to:

Center frequency = the highest, middle and the lowest channels

RBW ≥ DTS Bandwidth Span ≥ 3 X RBW

VBW = 3 X RBW Sweep = auto

Detector function = peak

**Measurement Data : Complies**

Frequency (MHz)	Test Results	
	Measured data (dBm)	Result
2403	6.06	Complies
2440	5.91	Complies
2480	5.50	Complies

- See next pages for actual measured spectrum plots.

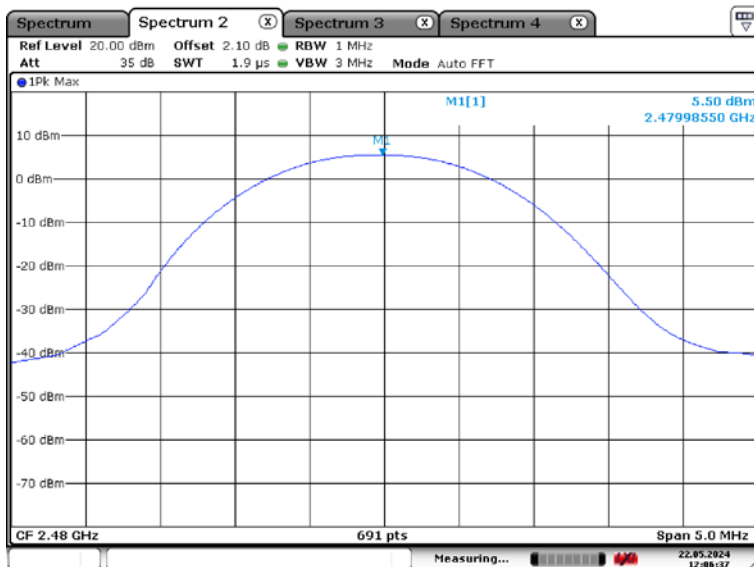
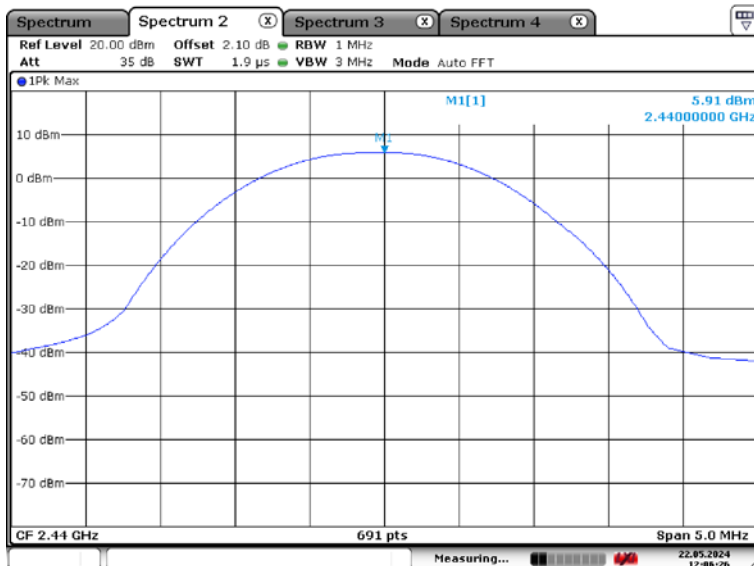
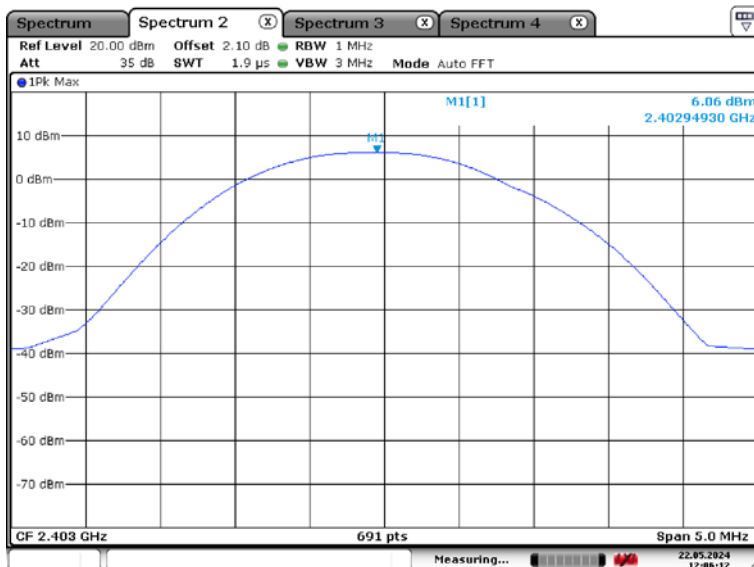
**Minimum Standard:**

Peak output power	≤ 1 W(30 dBm)
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**Measurement Setup**

Same as the Chapter 3.2.1 (Figure 1)





**3.2.3 Power Spectral Density**

**Procedure:**

This procedure shall be used if maximum peak conducted output power was used to demonstrate compliance.

The spectrum analyzer is set to:

- RBW = 3 kHz (3 kHz ≤ RBW ≤ 100 kHz)      Span ≥ 1.5 times the DTS bandwidth
- VBW = 3 X RBW      Sweep = auto
- Detector function = peak      Trace = max hold

**Measurement Data : Complies**

Frequency (MHz)	Test Results	
	dBm / 3 kHz BW	Result
2403	6.02	Complies
2440	0.62	Complies
2480	4.50	Complies

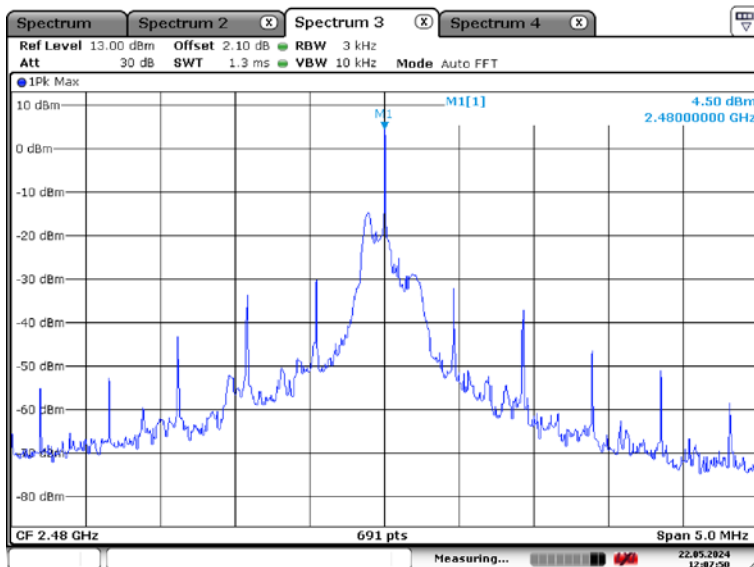
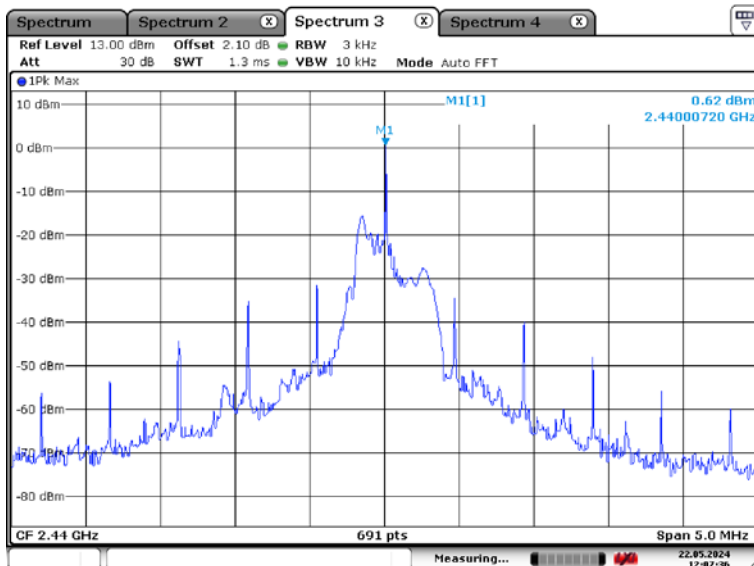
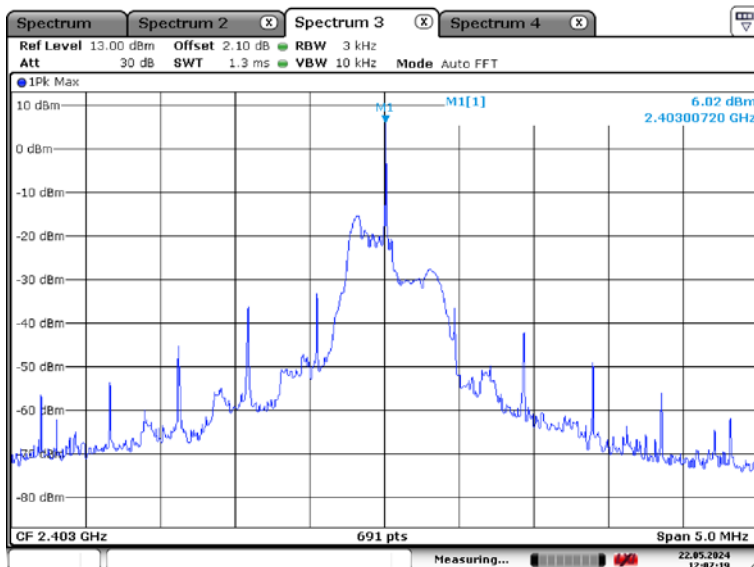
- See next pages for actual measured spectrum plots.

**Minimum Standard:**

Power Spectral Density	≤ 8 dBm @ 3 kHz BW
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**Measurement Setup**

Same as the Chapter 3.2.1 (Figure 1)







### 3.2.5 Conducted Spurious Emissions

**Procedure:**

The test follows KDB558074. The conducted spurious emissions were measured with a spectrum analyzer connected to the antenna terminal, while EUT had its hopping function disabled at the highest, middle and the lowest available channels.

After the trace being stable, set the marker on the peak of any spurious emission recorded.

The spectrum analyzer is set to:

Span = wide enough to capture the peak level of the in-band emission and all spurious emissions

RBW = 100 kHz

Sweep = auto

VBW = 100 kHz

Detector function = peak

Trace = max hold

**Measurement Data: Complies**

Frequency (MHz)	Test Results	
	dBc	Result
2403	50.37	Complies
2440	52.02	Complies
2480	50.72	Complies

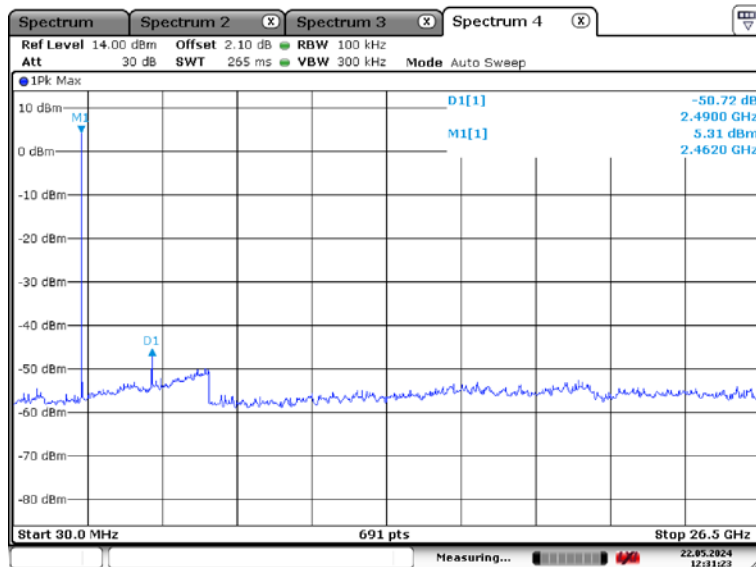
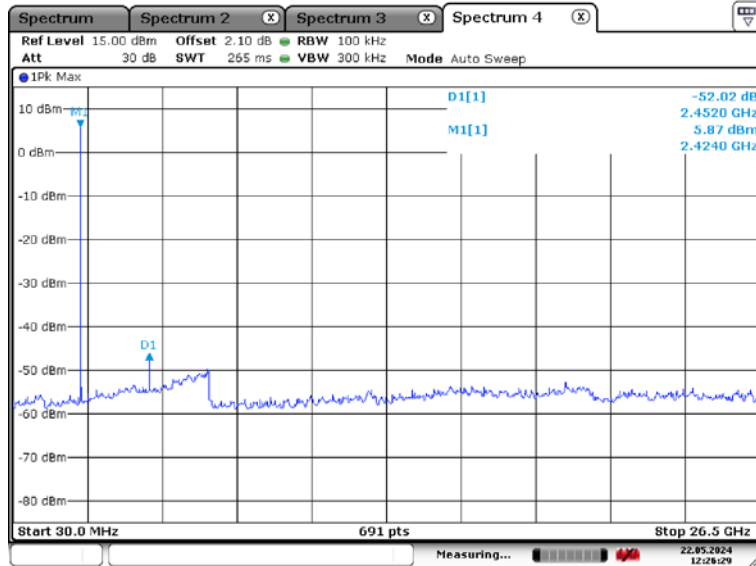
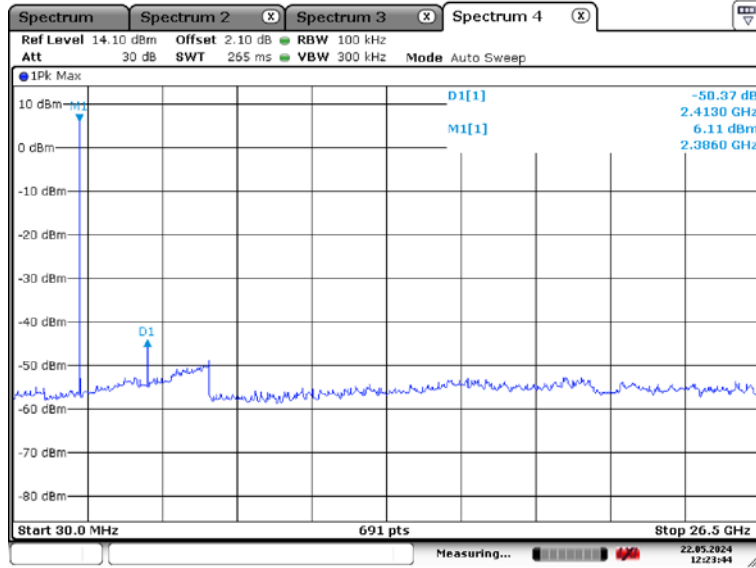
- All conducted emission in any 100 kHz bandwidth outside of the spread spectrum band was at least 20 dB lower than the highest inband spectral density. Therefore the applying equipment meets the requirement.
- See next pages for actual measured spectrum plots.

<b>Minimum Standard:</b>	≥ 20 dBc
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**Measurement Setup**

Same as the Chapter 3.2.1 (Figure 1)

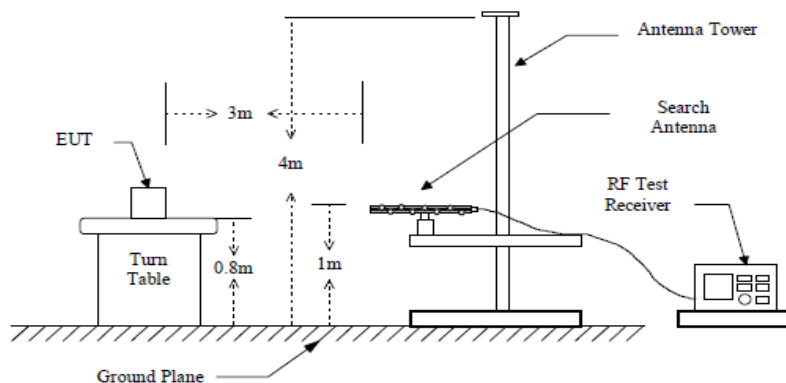
**Unwanted Emission – (Low,Middle,High)**



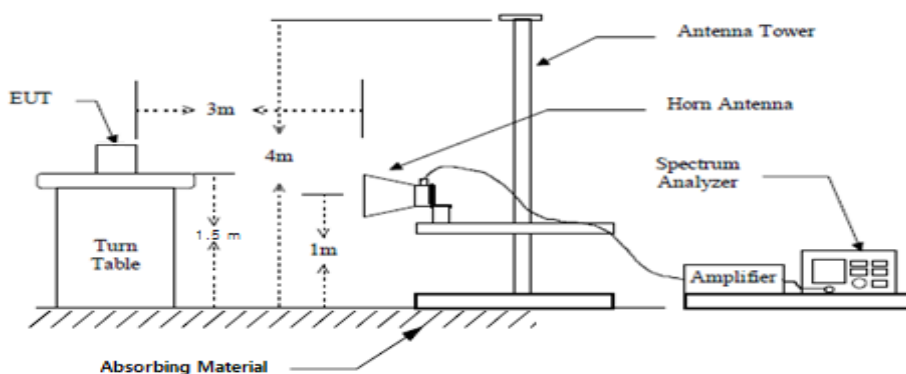




below 1 GHz (30 MHz to 1 GHz)



above 1 GHz



Measurement Data: **Complies**

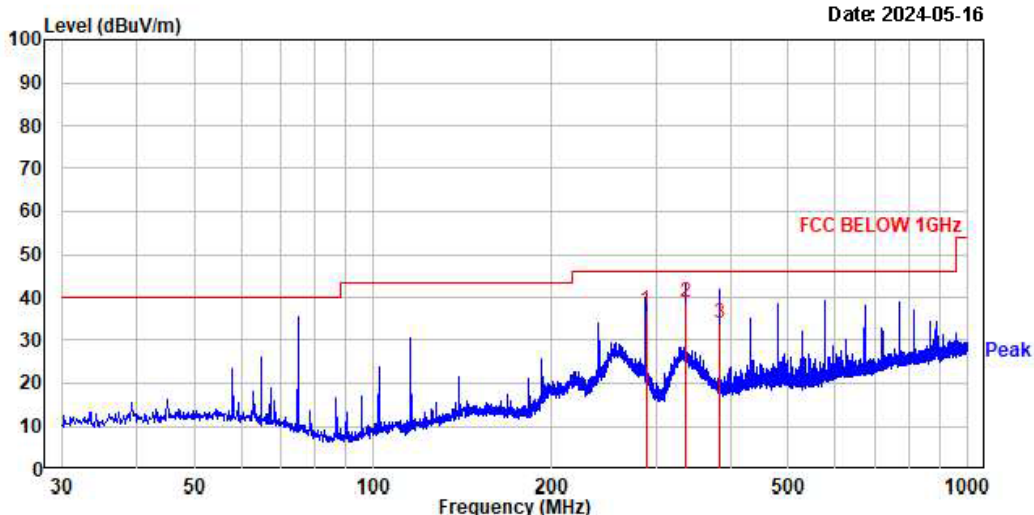
- See next pages for actual measured data.
- No other emissions were detected at a level greater than 20 dB below limit include from 9 kHz to 30MHz.
- The test results for the worst of the various operating modes are presented in accordance with 6.3.4 of ANSI C63.10.
- Checked with a red circle is the fundamental frequency.

**Minimum Standard: FCC Part 15.209(a)**

<b>Frequency (MHz)</b>	<b>Limit (uV/m) @ 3 m</b>
0.009 ~ 0.490	2400/F(kHz) (@ 30 m)
0.490 ~ 1.705	24000/F(kHz) (@ 30 m)
1.705 ~ 30	30(@ 30 m)
30 ~ 88	100 **
88 ~ 216	150 **
216 ~ 960	200 **
Above 960	500

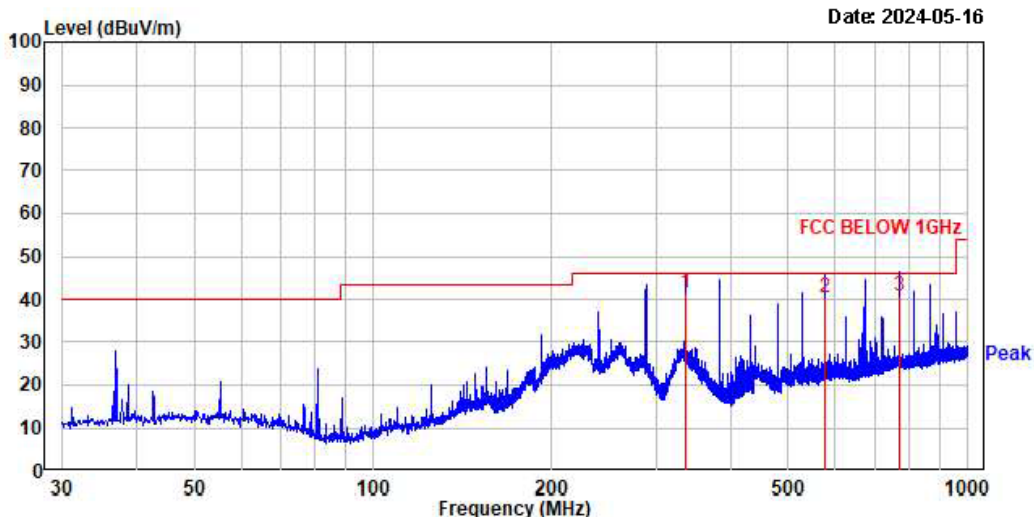
\*\* Except as provided in 15.209(g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g. 15.231 and 15.241.

**Radiated Emissions – (Low)**



Trace:								
No.	Freq	Reading	C.F	Result	Limit	Margin	Height	Angle Polarity
	MHz	dBμV	dB	QP dBμV/m	dBμV/m	dB	cm	deg
1.	288.02	47.20	-10.22	36.98	46.00	9.02	-----	----- horizontal
2.	336.04	47.81	-8.87	38.94	46.00	7.06	-----	----- horizontal
3.	384.05	41.61	-7.82	33.79	46.00	12.21	-----	----- horizontal

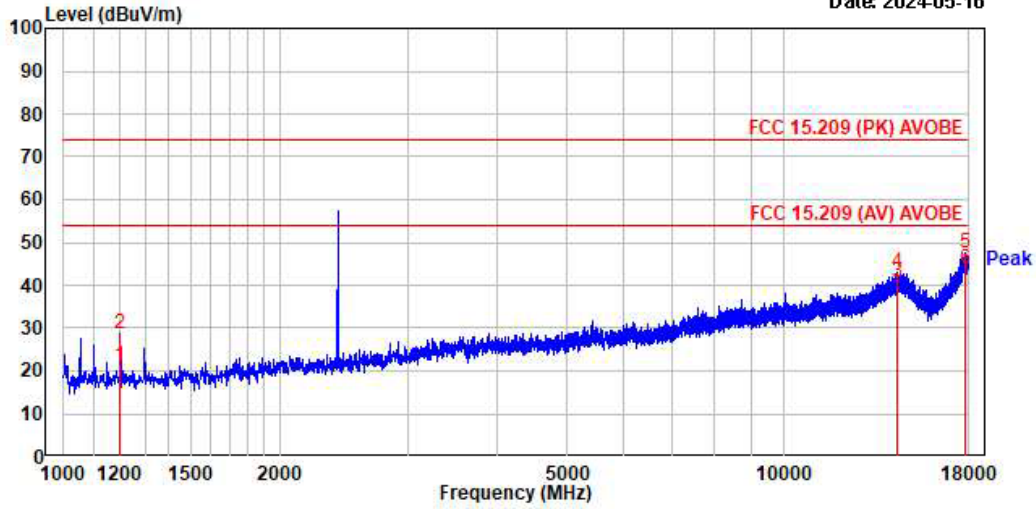
Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain



Trace:								
No.	Freq	Reading	C.F	Result	Limit	Margin	Height	Angle Polarity
	MHz	dBμV	dB	QP dBμV/m	dBμV/m	dB	cm	deg
1.	336.04	50.71	-9.07	41.64	46.00	4.36	-----	----- vertical
2.	575.99	45.11	-4.88	40.23	46.00	5.77	-----	----- vertical
3.	768.05	40.71	-0.13	40.58	46.00	5.42	-----	----- vertical

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

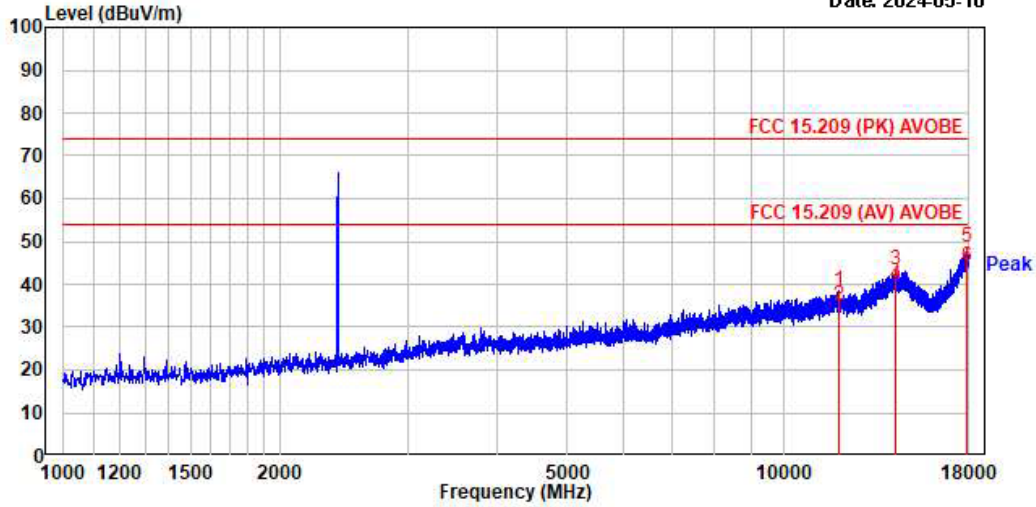
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No.	Freq MHz	RD		C.F	Result		Limit		Margin		Height cm	Angle deg	Polarity
		PK dBUV	AV dBUV		PK dB	AV dB	PK dB	AV dB					
2.	1199.75	38.85	31.29	-18.18	28.75	21.19	74.80	54.80	45.25	32.81	188	247	horizontal
4.	14345.88	22.61	28.38	28.55	43.16	48.85	74.80	54.80	38.84	13.15	188	131	horizontal
5.	17857.63	22.24	-----	25.21	47.45	-----	74.80	-----	26.55	-----	188	8	horizontal
6.	17857.63	-----	18.48	25.21	-----	43.61	-----	54.80	-----	18.39	188	8	horizontal

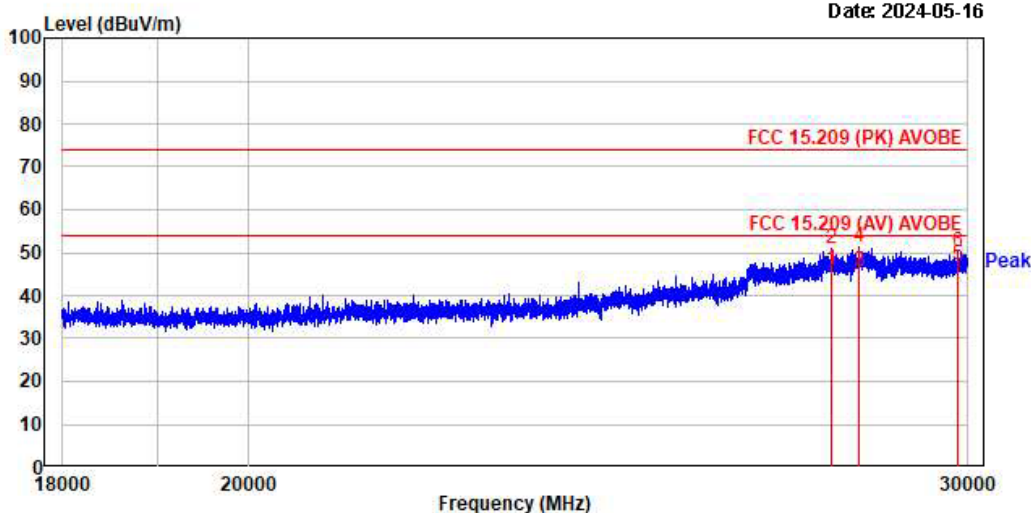
Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

Date: 2024-05-16



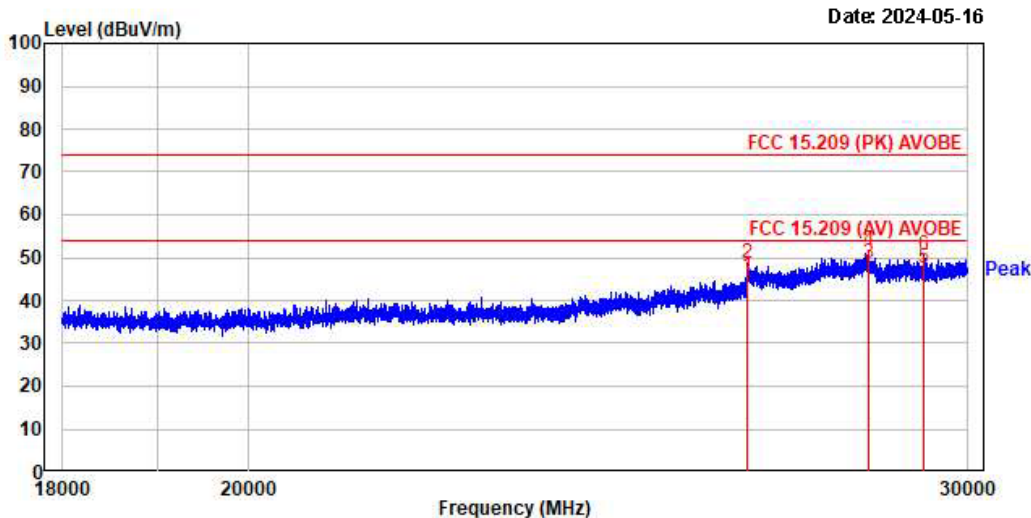
No.	Freq MHz	RD		C.F	Result		Limit		Margin		Height cm	Angle deg	Polarity
		PK dBUV	AV dBUV		PK dB	AV dB	PK dB	AV dB					
1.	11933.13	23.57	-----	14.89	38.46	-----	74.80	-----	35.54	-----	188	146	vertical
2.	11933.13	-----	28.11	14.89	-----	35.88	-----	54.80	-----	19.88	188	146	vertical
3.	14388.88	23.81	-----	28.48	43.49	-----	74.80	-----	38.51	-----	188	14	vertical
4.	14388.88	-----	19.48	28.48	-----	39.88	-----	54.80	-----	14.12	188	14	vertical
5.	17951.13	23.18	-----	25.45	48.55	-----	74.80	-----	25.45	-----	188	218	vertical
6.	17951.13	-----	18.78	25.45	-----	44.15	-----	54.80	-----	9.85	188	218	vertical

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain



No.	Freq MHz	RD PK dBμV	RD AV dBμV	C.F dB	Result PK dBμV	Result AV dBμV	Limit PK dBμV	Limit AV dBμV	Margin PK dB	Margin AV dB	Height cm	Angle deg	Polarity
2.	27778.50	29.87	24.31	21.74	50.81	46.85	74.00	54.00	23.19	7.95	100	5	horizontal
4.	28219.50	28.78	23.19	22.45	51.23	45.64	74.00	54.00	22.77	8.36	100	360	horizontal
6.	29832.00	26.60	23.70	23.51	50.11	47.21	74.00	54.00	23.89	6.79	100	357	horizontal

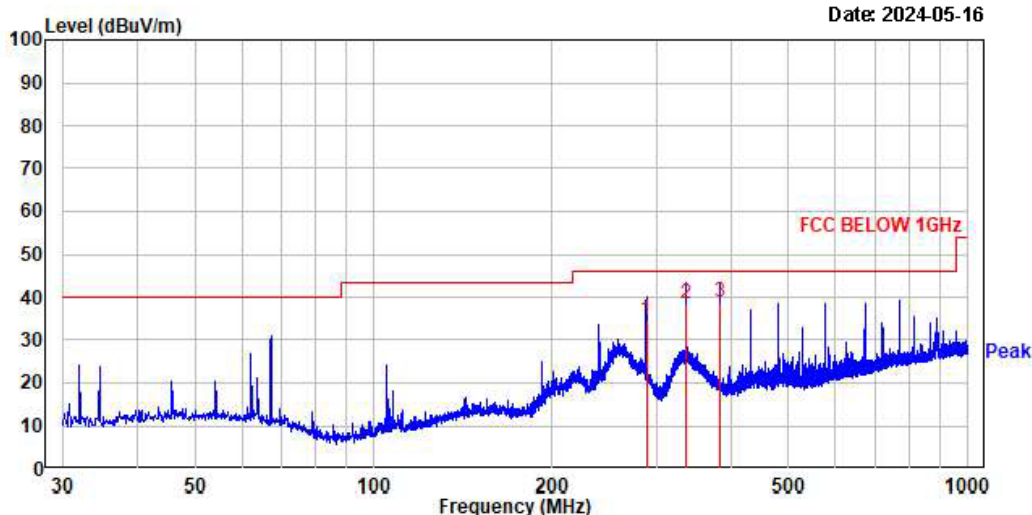
Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain



No.	Freq MHz	RD PK dBμV	RD AV dBμV	C.F dB	Result PK dBμV	Result AV dBμV	Limit PK dBμV	Limit AV dBμV	Margin PK dB	Margin AV dB	Height cm	Angle deg	Polarity
2.	26506.50	28.75	25.90	19.94	48.69	45.84	74.00	54.00	25.31	8.16	100	296	vertical
4.	28378.50	29.21	26.10	22.55	51.76	48.65	74.00	54.00	22.24	5.35	100	160	vertical
6.	29281.50	27.06	24.00	23.54	50.60	47.54	74.00	54.00	23.40	6.46	100	227	vertical

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

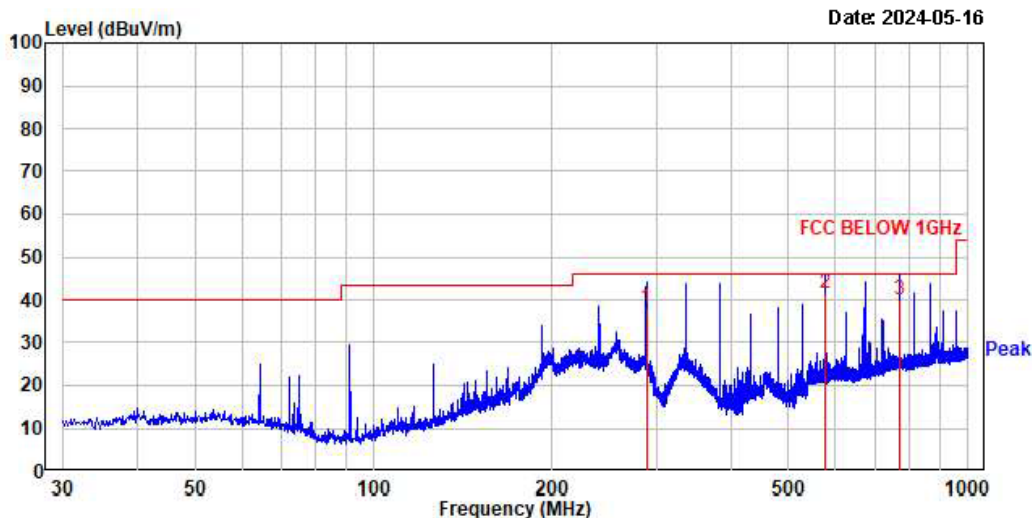
Radiated Emissions – (Middle)



Trace:

No.	Freq MHz	Reading dBμV	C.F dB	Result QP dBμV/m	Limit dBμV/m	Margin dB	Height cm	Angle deg	Polarity
1.	288.02	44.90	-10.22	34.68	46.00	11.32	-----	-----	horizontal
2.	336.04	47.41	-8.87	38.54	46.00	7.46	-----	-----	horizontal
3.	384.05	46.61	-7.82	38.79	46.00	7.21	-----	-----	horizontal

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

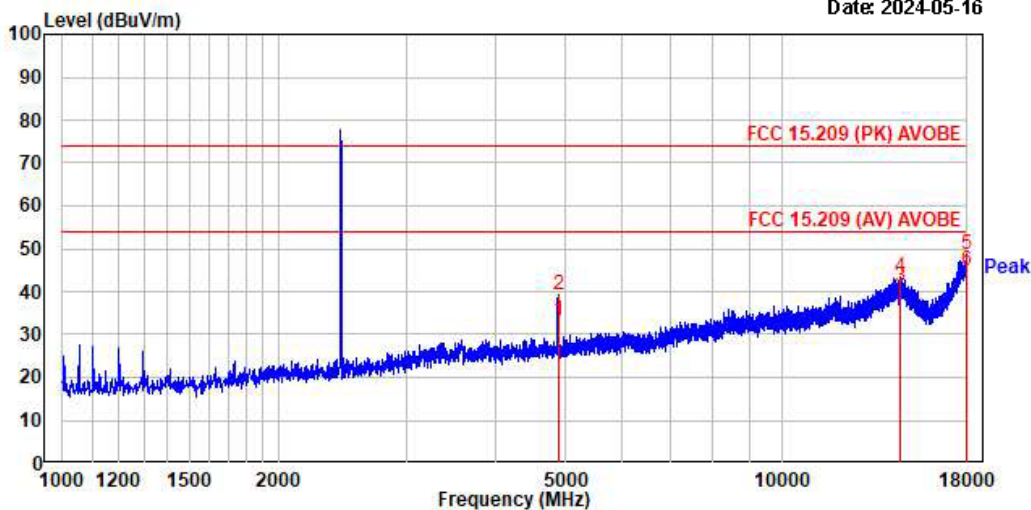


Trace:

No.	Freq MHz	Reading dBμV	C.F dB	Result QP dBμV/m	Limit dBμV/m	Margin dB	Height cm	Angle deg	Polarity
1.	288.02	48.70	-10.42	38.28	46.00	7.72	-----	-----	vertical
2.	575.99	46.51	-4.88	41.63	46.00	4.37	-----	-----	vertical
3.	768.05	40.11	-0.13	39.98	46.00	6.02	-----	-----	vertical

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

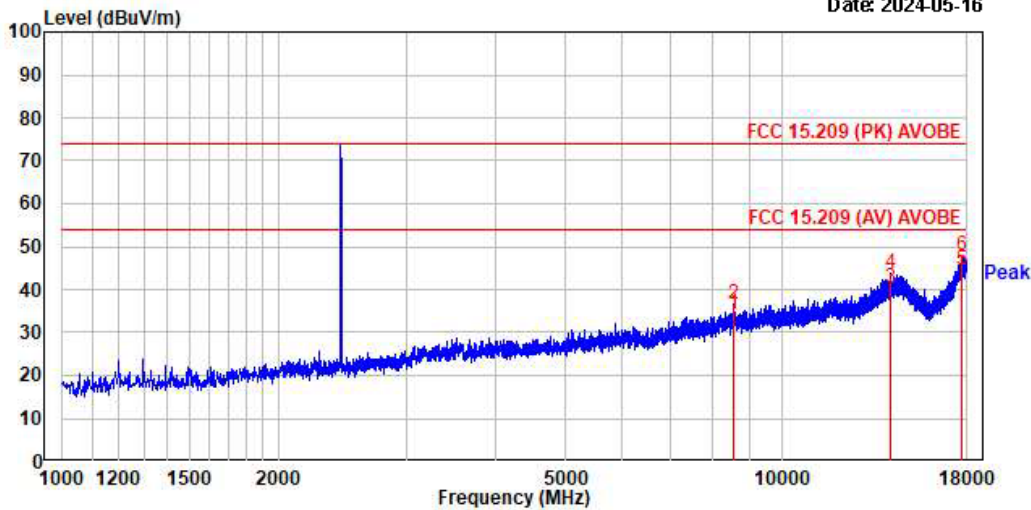
Date: 2024-05-16



No.	Freq MHz	RD		C.F dB	Result		Limit		Margin		Height cm	Angle deg	Polarity
		PK dBμV	AV dBμV		PK dBμV	AV dBμV	PK dB	AV dB					
2.	4888.25	34.91	29.18	4.24	39.15	33.34	74.88	54.88	34.85	20.66	188	264	horizontal
4.	14591.58	22.72	28.41	28.59	43.31	41.88	74.88	54.88	38.69	13.88	188	96	horizontal
5.	17993.63	23.22	-----	25.48	48.78	-----	74.88	-----	25.38	-----	188	329	horizontal
6.	17993.63	-----	19.58	25.48	-----	44.98	-----	54.88	-----	9.82	188	329	horizontal

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

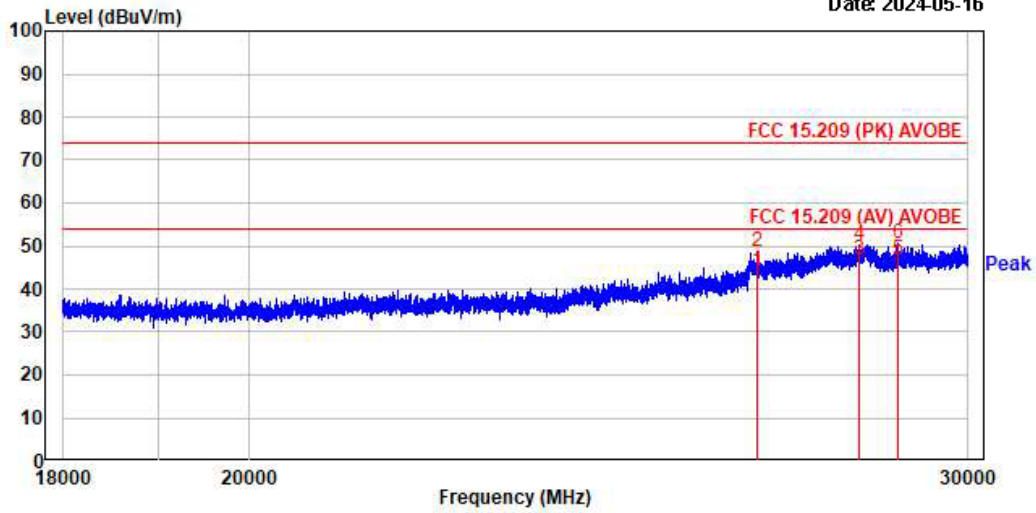
Date: 2024-05-16



No.	Freq MHz	RD		C.F dB	Result		Limit		Margin		Height cm	Angle deg	Polarity
		PK dBμV	AV dBμV		PK dBμV	AV dBμV	PK dB	AV dB					
2.	8543.75	25.32	23.38	11.14	36.46	34.44	74.88	54.88	37.54	19.56	188	131	vertical
4.	14128.25	23.83	28.89	28.11	43.94	48.28	74.88	54.88	38.86	13.88	188	66	vertical
6.	17748.75	22.99	19.89	24.75	47.74	44.64	74.88	54.88	26.26	9.36	188	114	vertical

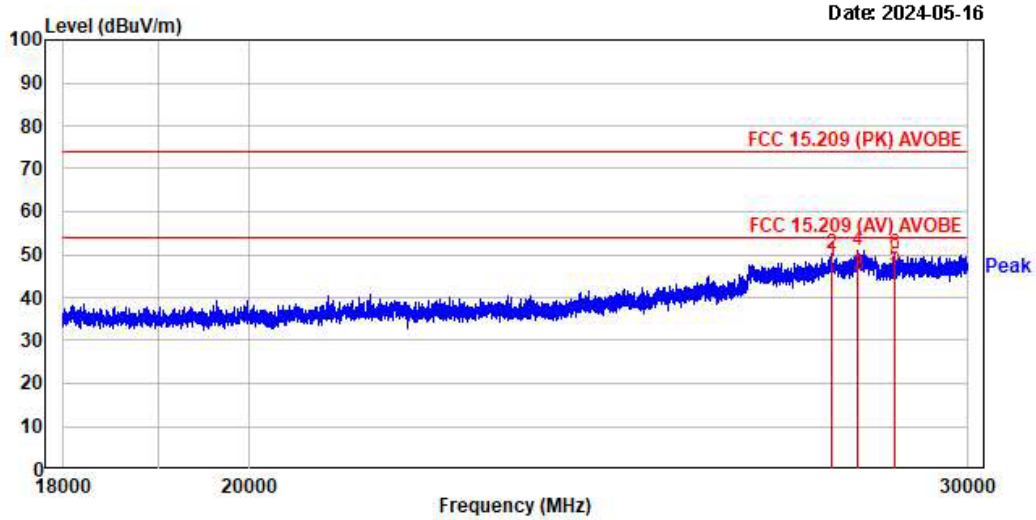
Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain





No.	Freq MHz	RD		C.F	Result		Limit		Margin		Height cm	Angle deg	Polarity
		PK dBμV	AV dBμV		dB	PK dBμV	AV dBμV	PK dB	AV dB	PK dB			
2.	26646.80	28.48	24.18	20.85	48.53	44.15	74.00	54.80	25.47	9.85	100	312	horizontal
4.	28221.80	27.70	24.50	22.45	50.15	46.95	74.00	54.80	23.85	7.05	100	328	horizontal
6.	28843.50	26.71	23.89	23.73	50.44	46.82	74.00	54.80	23.56	7.18	100	48	horizontal

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

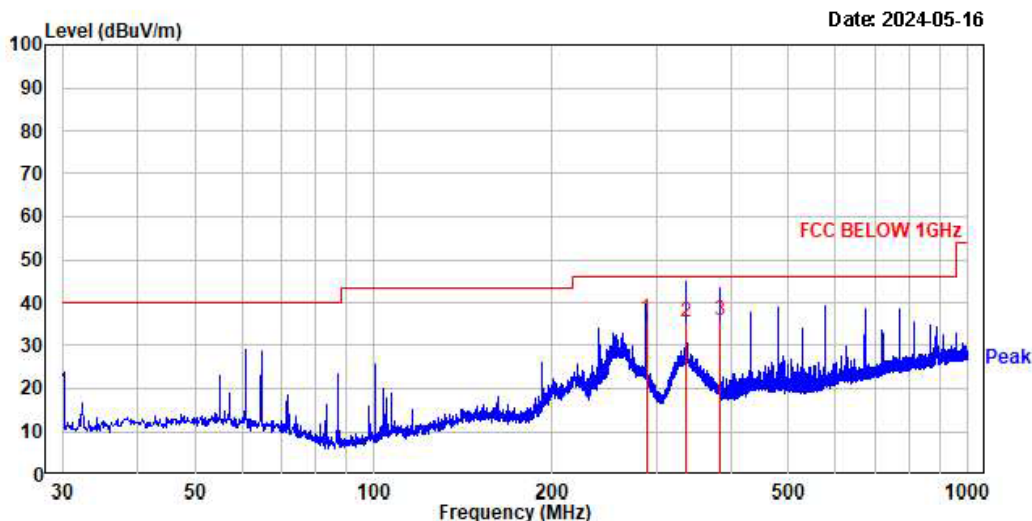


No.	Freq MHz	RD		C.F	Result		Limit		Margin		Height cm	Angle deg	Polarity
		PK dBμV	AV dBμV		dB	PK dBμV	AV dBμV	PK dB	AV dB	PK dB			
2.	27781.50	28.80	26.80	21.45	50.25	48.25	74.00	54.80	23.75	5.75	100	0	vertical
4.	28287.50	28.73	22.89	22.20	50.93	45.89	74.00	54.80	23.87	8.91	100	246	vertical
6.	28792.50	27.05	24.00	23.19	50.24	47.19	74.00	54.80	23.76	6.81	100	0	vertical

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain



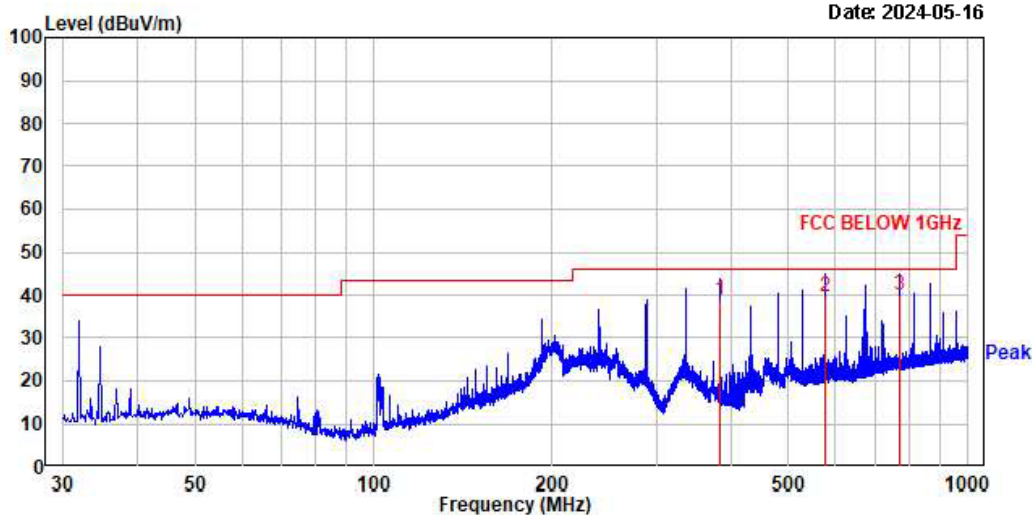
**Radiated Emissions – (High)**



Date: 2024-05-16

Trace:									
No.	Freq	Reading	C.F	Result	Limit	Margin	Height	Angle	Polarity
	MHz	dBμV	dB	QP	dBμV/m	dB	cm	deg	
1.	288.02	46.50	-10.22	36.28	46.00	9.72	-----	-----	horizontal
2.	336.04	44.21	-8.87	35.34	46.00	10.66	-----	-----	horizontal
3.	384.05	43.71	-7.82	35.89	46.00	10.11	-----	-----	horizontal

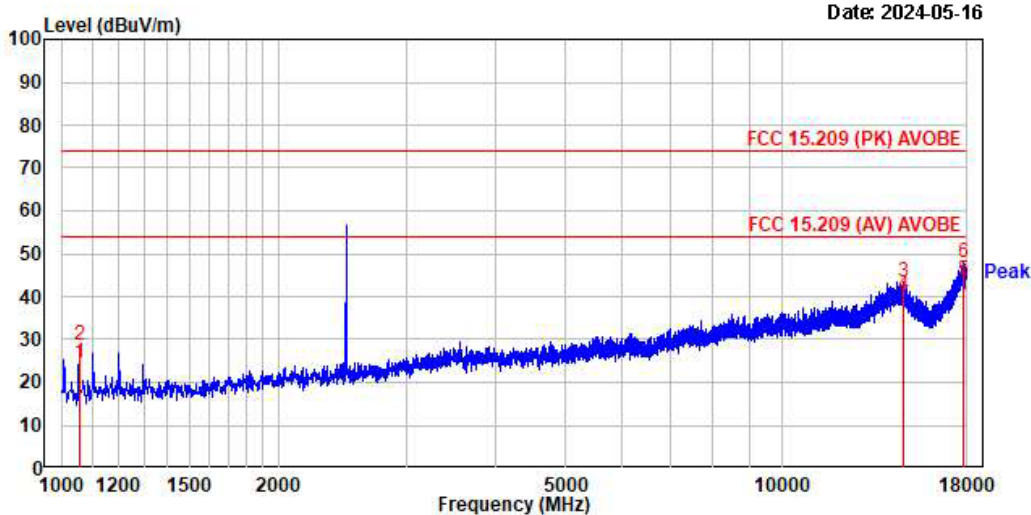
Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain



Date: 2024-05-16

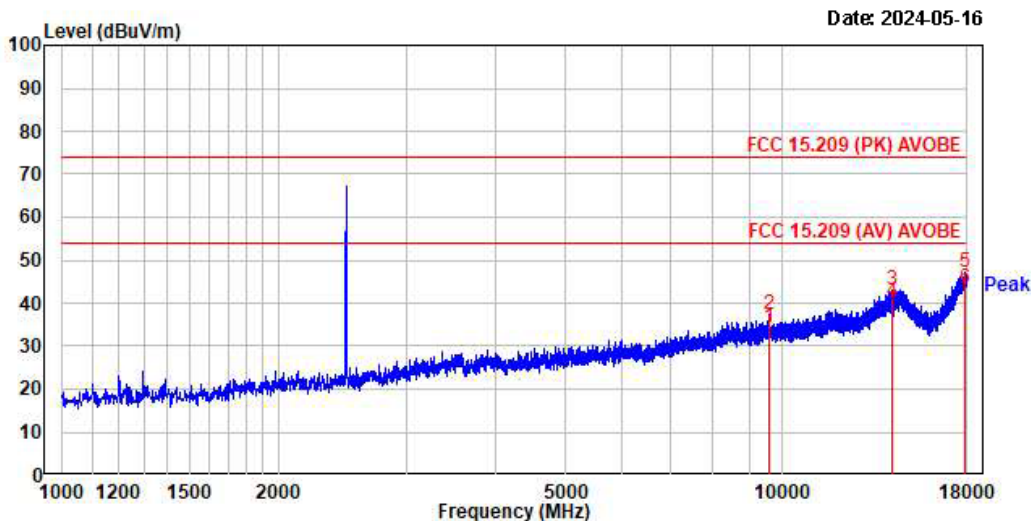
Trace:									
No.	Freq	Reading	C.F	Result	Limit	Margin	Height	Angle	Polarity
	MHz	dBμV	dB	QP	dBμV/m	dB	cm	deg	
1.	384.05	46.81	-8.02	38.79	46.00	7.21	-----	-----	vertical
2.	575.99	44.41	-4.88	39.53	46.00	6.47	-----	-----	vertical
3.	768.05	40.31	-0.13	40.18	46.00	5.82	-----	-----	vertical

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain



No.	Freq MHz	RD PK dBUV	RD AV dBUV	C.F dB	Result PK dBUV	Result AV dBUV	Limit PK dBUV	Limit AV dBUV	Margin PK dB	Margin AV dB	Height cm	Angle deg	Polarity
2.	1055.25	39.68	35.61	-11.13	28.55	24.48	74.00	54.00	45.45	29.52	100	346	horizontal
3.	14691.38	23.26	20.22	20.22	43.48	40.43	74.00	54.00	30.52	13.57	100	150	horizontal
4.	14691.38	---	20.21	20.22	---	40.43	---	54.00	---	13.57	100	150	horizontal
6.	17872.50	22.57	18.40	25.24	47.81	43.64	74.00	54.00	26.19	10.36	100	328	horizontal

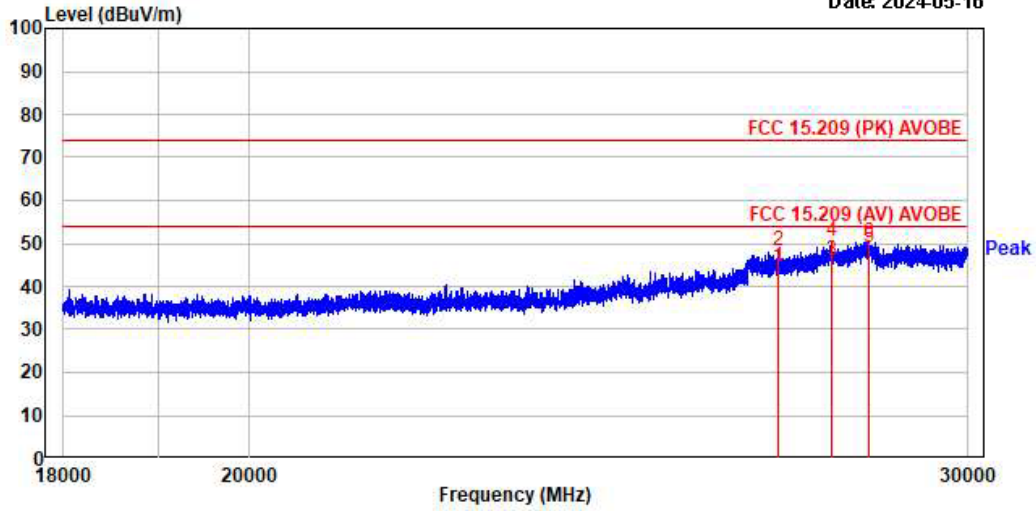
Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain



No.	Freq MHz	RD PK dBUV	RD AV dBUV	C.F dB	Result PK dBUV	Result AV dBUV	Limit PK dBUV	Limit AV dBUV	Margin PK dB	Margin AV dB	Height cm	Angle deg	Polarity
2.	9574.38	25.53	22.50	11.79	37.32	34.29	74.00	54.00	36.68	19.71	100	0	vertical
3.	14236.63	22.84	20.10	20.33	43.17	40.43	74.00	54.00	30.83	13.57	100	327	vertical
4.	14236.63	---	20.10	20.33	---	40.43	---	54.00	---	13.57	100	327	vertical
5.	17883.13	21.85	18.10	25.27	47.12	43.37	74.00	54.00	26.88	10.63	100	130	vertical
6.	17883.13	---	18.10	25.27	---	43.37	---	54.00	---	10.63	100	130	vertical

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

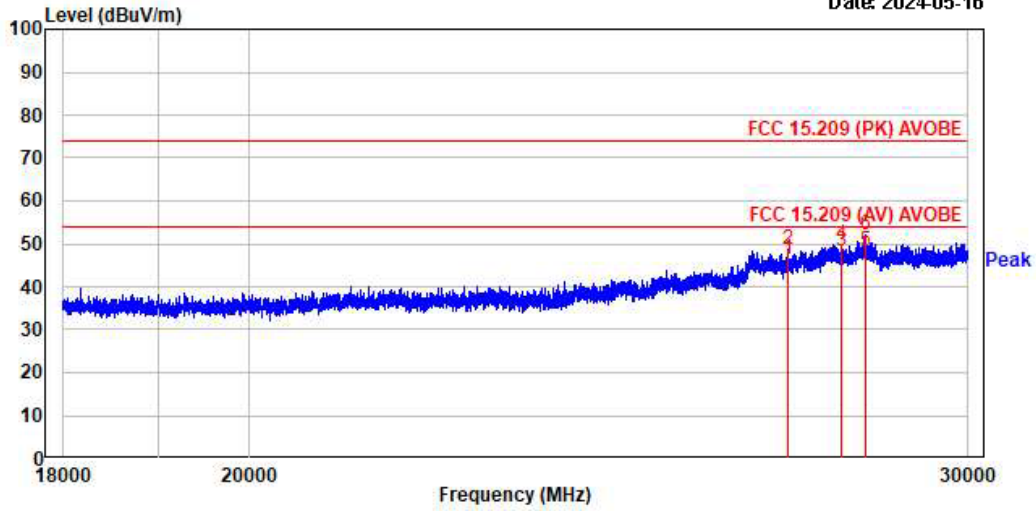
Date: 2024-05-16



No.	Freq MHz	RD		C.F	Result		Limit		Margin		Height cm	Angle deg	Polarity
		PK dBμV	AV dBμV		dB	PK dBμV	AV dBμV	PK dBμV	AV dBμV	PK dB			
2.	26965.50	27.94	24.10	20.46	48.40	44.56	74.00	54.00	25.60	9.44	100	282	horizontal
4.	27775.50	28.68	24.30	21.74	50.42	46.04	74.00	54.00	23.58	7.96	100	357	horizontal
6.	28380.80	27.41	26.10	22.85	50.26	48.95	74.00	54.00	23.74	5.05	100	1	horizontal

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

Date: 2024-05-16



No.	Freq MHz	RD		C.F	Result		Limit		Margin		Height cm	Angle deg	Polarity
		PK dBμV	AV dBμV		dB	PK dBμV	AV dBμV	PK dBμV	AV dBμV	PK dB			
2.	27112.50	28.04	25.90	20.55	48.59	46.45	74.00	54.00	25.41	7.55	100	0	vertical
4.	27930.80	28.09	26.40	21.73	49.82	48.13	74.00	54.00	24.18	5.87	100	5	vertical
6.	28329.80	29.77	25.99	22.48	52.25	48.47	74.00	54.00	21.75	5.53	100	360	vertical

Remarks: C.F (Correction Factor) = Antenna factor + Cable loss - Preamp gain

### 3.2.7 AC Conducted Emissions

#### Procedure:

The conducted emissions are measured in the shielded room with a spectrum analyzer in peak hold. While the measurement, EUT had its hopping function disabled at the middle channels in line with Section 15.31(m). Emissions closest to the limit are measured in the quasi-peak mode (QP) with the tuned receiver using a bandwidth of 9 kHz. The emissions are maximized further by cable manipulation and Exerciser operation. The highest emissions relative to the limit are listed.

**Minimum Standard: FCC Part 15.207(a) / EN 55022**

**Measurement Data: N/A**

#### Class B

Frequency Range	quasi-peak	Average
0.15 ~ 0.5	66 to 56 *	56 to 46 *
0.5 ~ 5	56	46
5 ~ 30	60	50

\* Decreases with the logarithm of the frequency

**APPENDIX**  
**TEST EQUIPMENT USED FOR TESTS**

	Use	Description	Model No.	Serial No.	Manufacturer	Interval	Next Cal. Date
1	■	Signal Analyzer (9 kHz ~ 30 GHz)	FSV30	100757	R&S	1 year	2024-08-30
2	■	Signal Generator (~3.2 GHz)	8648C	3623A02597	HP	1 year	2025-03-08
3		SYNTHESIZED CW GENERATOR	83711B	US34490456	HP	1 year	2025-03-08
4		Attenuator (3 dB)	8491A	37822	HP	1 year	2024-08-30
5		Attenuator (10 dB)	8491A	63196	HP	1 year	2024-08-30
6	■	EMI Test Receiver (~7 GHz)	ESCI7	100722	R&S	1 year	2024-08-30
7		RF Amplifier (~1.3 GHz)	8447D OPT 010	2944A07684	HP	1 year	2024-08-30
8		RF Amplifier (1~26.5 GHz)	8449B	3008A02126	HP	1 year	2025-03-08
9	■	Horn Antenna (1~18 GHz)	3115	00114105	ETS	2 year	2025-08-30
10	■	DRG Horn (Small)	3116B	81109	ETS-Lindgren	2 year	2026-03-08
11	■	DRG Horn (Small)	3116B	133350	ETS-Lindgren	2 year	2026-03-08
12	■	TRILOG Antenna	VULB 9160	9160-3237	SCHWARZBECK	2 year	2026-03-08
13		Temp.Humidity Data Logger	SK-L200TH II A	00801	SATO	1 year	2025-03-08
14		Splitter (SMA)	ZFSC-2-2500	SF617800326	Mini-Circuits	-	-
15	■	DC Power Supply	6674A	3637A01657	Agilent	-	-
17	■	Power Meter	EPM-441A	GB32481702	HP	1 year	2025-03-08
18	■	Power Sensor	8481A	3318A94972	HP	1 year	2024-08-30
19		Audio Analyzer	8903B	3729A18901	HP	1 year	2024-08-30
20		Modulation Analyzer	8901B	3749A05878	HP	1 year	2024-08-30
21		TEMP & HUMIDITY Chamber	YJ-500	LTAS06041	JinYoung Tech	1 year	2024-08-30
22		Stop Watch	HS-3	812Q08R	CASIO	2 year	2026-03-14
23		LISN	KNW-407	8-1430-1	Kyoritsu	1 year	2025-03-08
24		Two-Lime V-Network	ESH3-Z5	893045/017	R&S	1 year	2025-03-08
25		UNIVERSAL RADIO COMMUNICATION TESTER	CMU200	106243	R&S	1 year	2025-03-08
26		Highpass Filter	WHKX1.5/15G-10SS	74	Wainwright Instruments	1 year	2025-03-08
27		Highpass Filter	WHKX3.0/18G-10SS	118	Wainwright Instruments	1 year	2025-03-08
28		OSP120 BASE UNIT	OSP120	101230	R&S	1 year	2025-03-08
29	■	Signal Generator(100 kHz ~ 40 GHz)	SMB100A03	177621	R&S	1 year	2025-03-08
30	■	Signal Analyzer (10 Hz ~ 40 GHz)	FSV40	101367	R&S	1 year	2025-03-08
31	■	Active Loop Antenna	FMZB 1519	1519-031	SCHWARZBECK	2 year	2026-03-08