



Test Report

Date : 2024-06-11
No. : HMD24050006

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Applicant : DERUCCI INTERNATIONAL HOLDINGS LIMITED
Unit 18, 3/F., Wah Yiu Industrial Centre, No.30-32 Au Pui Wan Street, Fotan, Shatin, NT, Hongkong

Supplier / Manufacturer : DERUCCI INTERNATIONAL HOLDINGS LIMITED
Unit 18, 3/F., Wah Yiu Industrial Centre, No.30-32 Au Pui Wan Street, Fotan, Shatin, NT, Hongkong

Description of Sample(s) : Submitted sample(s) said to be
Product: Remote Control
Brand Name: DeRUCCI
Model No.: H158
FCC ID: 2BGRR-H158

Date Samples Received : 2024-05-13

Date Tested : 2024-05-14 to 2024-05-21

Investigation Requested : Perform ElectroMagnetic Interference measurement in accordance with FCC 47CFR [Codes of Federal Regulations] Part 15 and ANSI C63.10: 2013 for FCC Certification.

Conclusions : The submitted product COMPLIED with the requirements of Federal Communications Commission [FCC] Rules and Regulations Part 15. The tests were performed in accordance with the standards described above and on Section 2.2 in this Test Report.

Remarks : 2.4GHz wireless (GFSK)

Test by : Susu


Dr.CHAN Kwok Hung, Brian
Authorized Signatory

The Hong Kong Standards and Testing Centre Limited

Head Office: 10 Dai Wang Street, Taipo Industrial Estate, Tai Po, N.T., Hong Kong

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1.0 General Details

1.1 Test Laboratory

The Hong Kong Standards and Testing Centre Ltd.
EMC Laboratory
10 Dai Wang Street, Taipo Industrial Estate, New Territories, Hong Kong
Telephone: 852 2666 1888
Fax: 852 2664 4353

1.2 Equipment Under Test [EUT]

Description of Sample(s)

Product: Remote Control
Manufacturer: DERUCCI INTERNATIONAL HOLDINGS LIMITED
Unit 18, 3/F., Wah Yiu Industrial Centre, No.30-32 Au Pui Wan Street,
Fotan, Shatin, NT, Hongkong
Brand Name: DeRUCCI
Model Number: H158
Rating: Remote control: 3.0Vd.c.(“AAA” battery *2)

1.3 Description of EUT Operation

The Equipment Under Test (EUT) is a Remote Control. It is a transceiver operating at 2405 MHz~2480MHz and the RF signal was modulated by IC.

RF modulation: GFSK
Antenna gain:-0.95dBi
Antenne type: PCB antenna

1.4 Date of Order

2024-05-13

1.5 Submitted Sample(s):

1 Sample

1.6 Test Duration

2024-05-14 to 2024-05-21

1.7 Country of Origin

China

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1.8 Frequency list

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2405	41	2425	81	2445	121	2465
2	2405.5	42	2425.5	82	2445.5	122	2465.5
3	2406	43	2426	83	2446	123	2466
4	2406.5	44	2426.5	84	2446.5	124	2466.5
5	2407	45	2427	85	2447	125	2467
6	2407.5	46	2427.5	86	2447.5	126	2467.5
7	2408	47	2428	87	2448	127	2468
8	2408.5	48	2428.5	88	2448.5	128	2468.5
9	2409	49	2429	89	2449	129	2469
10	2409.5	50	2429.5	90	2449.5	130	2469.5
11	2410	51	2430	91	2450	131	2470
12	2410.5	52	2430.5	92	2450.5	132	2470.5
13	2411	53	2431	93	2451	133	2471
14	2411.5	54	2431.5	94	2451.5	134	2471.5
15	2412	55	2432	95	2452	135	2472
16	2412.5	56	2432.5	96	2452.5	136	2472.5
17	2413	57	2433	97	2453	137	2473
18	2413.5	58	2433.5	98	2453.5	138	2473.5
19	2414	59	2434	99	2454	139	2474
20	2414.5	60	2434.5	100	2454.5	140	2474.5
21	2415	61	2435	101	2455	141	2475
22	2415.5	62	2435.5	102	2455.5	142	2475.5
23	2416	63	2436	103	2456	143	2476
24	2416.5	64	2436.5	104	2456.5	144	2476.5
25	2417	65	2437	105	2457	145	2477
26	2417.5	66	2437.5	106	2457.5	146	2477.5
27	2418	67	2438	107	2458	147	2478
28	2418.5	68	2438.5	108	2458.5	148	2478.5
29	2419	69	2439	109	2459	149	2479
30	2419.5	70	2439.5	110	2459.5	150	2479.5
31	2420	71	2440	111	2460	151	2480
32	2420.5	72	2440.5	112	2460.5		
33	2421	73	2441	113	2461		
34	2421.5	74	2441.5	114	2461.5		
35	2422	75	2442	115	2462		
36	2422.5	76	2442.5	116	2462.5		
37	2423	77	2443	117	2463		
38	2423.5	78	2443.5	118	2463.5		
39	2424	79	2444	119	2464		
40	2424.5	80	2444.5	120	2464.5		

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2.0 Technical Details

2.1 Investigations Requested

Perform Electromagnetic Interference measurements in accordance with FCC 47CFR [Codes of Federal Regulations] Part 15 Regulations and ANSI C63.10: 2013 for FCC Certification.

2.2 Test Standards and Results Summary Tables

EMISSION Results Summary						
Test Condition	Test Requirement	Test Method	Class / Severity	Test Result		
				Pass	Failed	N/A
Field Strength of Fundamental & Harmonics Emissions	FCC 47CFR 15.249	ANSI C63.10: 2013	N/A	☒	☐	☐
Radiated Emissions	FCC 47CFR 15.209	ANSI C63.10: 2013	N/A	☒	☐	☐
AC Mains Conducted Emissions	FCC 47CFR 15.207	ANSI C63.10: 2013	N/A	☐	☐	☒
Antenna requirement	FCC 47CFR 15.203	N/A	N/A	☒	☐	☐
20dB Emission bandwidth	FCC 47CFR 15.215(c)	ANSI C63.10: 2013	N/A	☒	☐	☐

Note: N/A - Not Applicable

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3.0 Test Results

3.1 **Emission**

3.1.1 **Radiated Emissions**

Ambient temperature 25°C

Relative humidity 57%

Test Requirement:	FCC 47CFR 15.249 & FCC 47CFR 15.209
Test Method:	ANSI C63.10:2013
Test Date:	2024-05-15
Mode of Operation:	Tx mode

Test Method:

For emission measurements at or below 1 GHz, the sample was placed 0.8m above the ground plane of semi-anechoic Chamber*. For emission measurements above 1 GHz, the sample was placed 1.5m above the ground plane of semi-anechoic Chamber*. Measurements in both horizontal and vertical polarities were performed. During the test, each emission was maximized by: having the EUT continuously working, investigated all operating modes, rotated about all 3 axis (X, Y & Z) and considered typical configuration to obtain worst position, manipulating interconnecting cables, rotating turntable, varying antenna height from 1m to 4m in both horizontal and vertical polarizations. The emissions worst-case are shown in Test Results of the following pages.

* Semi-Anechoic chamber located on the G/F of The Hong Kong Standards and Testing Centre Ltd. with
Registration Number: HK0001
Test Firm Registration Number: 367672

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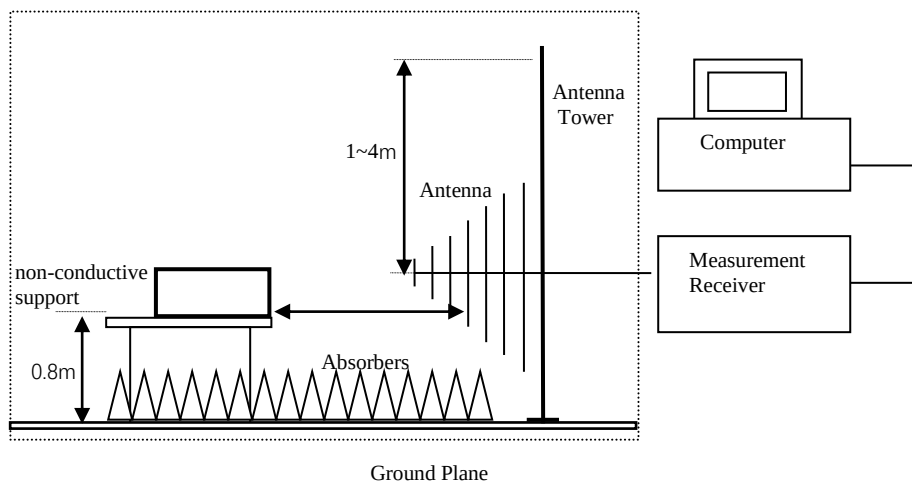
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Spectrum Analyzer Setting:

9KHz – 30MHz (Pk & Av)	RBW: 10kHz VBW: 30kHz Sweep: Auto Span: Fully capture the emissions being measured Trace: Max. hold
30MHz – 1GHz (QP)	RBW: 120kHz VBW: 120kHz Sweep: Auto Span: Fully capture the emissions being measured Trace: Max. hold
Above 1GHz (Pk)	RBW: 1MHz VBW: 1MHz Sweep: Auto Span: Fully capture the emissions being measured Trace: Max. hold
Above 1GHz (Av)	RBW: 1MHz VBW: 10Hz Sweep: Auto Span: Fully capture the emissions being measured Trace: Max. hold

Test Setup:



- Absorbers placed on top of the ground plane are for measurements above 1000MHz only.
- Measurements between 30MHz to 1000MHz made with Bi-log antennas, above 1000MHz horn antennas are used.

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Limits for Field Strength of Fundamental & Harmonics Emissions [FCC 47CFR 15.249]:

Frequency Range of Fundamental [MHz]	Field Strength of Fundamental Emission [microvolts/meter]	Field Strength of Harmonics Emission [microvolts/meter]
902-928	50,000 [Quasi-Peak]	500 [Average]
2400-2483.5	50,000 [Average]	500 [Average]

Remarks:

No additional spurious emissions found between lowest internal used/generated frequency and 30 MHz

Calculated measurement uncertainty
(9kHz-30MHz): 2.0dB
(30MHz -1GHz): 4.9dB
(1GHz -6GHz): 4.02dB
(6GHz -26.5GHz): 4.03dB

Emissions in the vertical and horizontal polarizations have been investigated and the worst-case test results are recorded in this report.

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Results of Tx mode (Lowest Frequency Channel-2405 MHz): Pass

Field Strength of Fundamental Emissions						
Peak Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
2405.00	92.6	-4.8	87.8	24,603.7	500,000	Vertical
2405.00	102.2	-4.7	97.5	75,075.8	500,000	Horizontal

Field Strength of Fundamental Emissions						
Average Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
2405.00	87.0	-4.8	82.2	12,882.5	50,000	Vertical
2405.00	97.1	-4.7	92.4	41,686.9	50,000	Horizontal

Field Strength of Harmonics Emission						
Peak Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
4810.0	56.1	0.8	56.9	701.5	5,000	Vertical
4810.0	57.0	0.5	57.5	749.9	5,000	Horizontal
7215.0	49.8	7.0	56.8	691.8	5,000	Vertical
7215.0	50.1	6.5	56.6	676.1	5,000	Horizontal
9620.0	46.4	8.5	54.9	555.9	5,000	Vertical
9620.0	45.8	8.3	54.1	507.0	5,000	Horizontal
12025.0	44.8	10.9	55.7	609.5	5,000	Vertical
12025.0	44.9	10.8	55.7	609.5	5,000	Horizontal

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Field Strength of Harmonics Emission						
Average Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
4810.0	42.6	0.8	43.5	148.8	500	Vertical
4810.0	42.1	0.5	42.6	134.1	500	Horizontal
7215.0	36.6	7.0	43.6	150.7	500	Vertical
7215.0	35.6	6.5	42.1	126.9	500	Horizontal
9620.0	32.9	8.5	41.4	117.5	500	Vertical
9620.0	32.6	8.3	40.9	110.9	500	Horizontal
12025.0	30.8	10.9	41.7	121.6	500	Vertical
12025.0	30.4	10.8	41.2	114.8	500	Horizontal

Results of Tx mode (Middle Frequency Channel- 2440MHz): Pass

Field Strength of Fundamental Emissions						
Peak Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
2440.00	92.4	-4.8	87.6	23,988.3	500,000	Vertical
2440.00	101.7	-4.7	97.0	70,794.6	500,000	Horizontal

Field Strength of Fundamental Emissions						
Average Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
2440.00	87.1	-4.8	82.3	13,031.7	50,000	Vertical
2440.00	96.2	-4.7	91.5	37,583.7	50,000	Horizontal

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Field Strength of Harmonics Emission						
Peak Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
4880.0	56.2	0.8	57.0	709.6	5,000	Vertical
4880.0	57.2	0.5	57.7	770.9	5,000	Horizontal
7320.0	49.5	7.0	56.5	668.3	5,000	Vertical
7320.0	50.4	6.5	56.9	699.8	5,000	Horizontal
9760.0	46.9	8.5	55.4	588.8	5,000	Vertical
9760.0	47.2	8.3	55.5	595.7	5,000	Horizontal
12200.0	45.2	10.9	56.1	638.3	5,000	Vertical
12200.0	44.8	10.8	55.6	602.6	5,000	Horizontal

Field Strength of Harmonics Emission						
Average Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
4880.0	42.6	0.8	43.5	148.8	500	Vertical
4880.0	41.7	0.5	42.2	128.7	500	Horizontal
7320.0	35.2	7.0	42.2	128.2	500	Vertical
7320.0	36.4	6.5	42.9	139.6	500	Horizontal
9760.0	32.1	8.5	40.6	107.2	500	Vertical
9760.0	32.7	8.3	41.0	112.2	500	Horizontal
12200.0	31.0	10.9	41.9	124.5	500	Vertical
12200.0	30.5	10.8	41.3	116.1	500	Horizontal

Results of Tx mode (Highest Frequency Channel – 2480MHz): Pass

Field Strength of Fundamental Emissions						
Peak Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
2480.00	94.8	-4.8	90.0	31,477.5	500,000	Vertical
2480.00	103.2	-4.7	98.5	84,139.5	500,000	Horizontal

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Field Strength of Fundamental Emissions						
Average Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
2480.00	89.5	-4.8	84.7	17,179.1	50,000	Vertical
2480.00	97.6	-4.7	92.9	44,157.0	50,000	Horizontal

Field Strength of Harmonics Emission						
Peak Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
4960.0	56.2	0.8	57.0	709.6	5,000	Vertical
4960.0	57.4	0.5	57.9	785.2	5,000	Horizontal
7440.0	49.3	7.0	56.3	653.1	5,000	Vertical
7440.0	50.8	6.5	57.3	732.8	5,000	Horizontal
9920.0	46.7	8.5	55.2	575.4	5,000	Vertical
9920.0	46.2	8.3	54.5	530.9	5,000	Horizontal
12400.0	44.9	10.9	55.8	616.6	5,000	Vertical
12400.0	44.3	10.8	55.1	568.9	5,000	Horizontal

Field Strength of Harmonics Emission						
Average Value						
Frequency MHz	Measured Level @3m dB μ V/m	Correction Factor dB μ V/m	Field Strength dB μ V/m	Field Strength μ V/m	Limit @3m μ V/m	E-Field Polarity
4960.0	42.2	0.8	43.0	141.7	500	Vertical
4960.0	42.7	0.5	43.2	144.4	500	Horizontal
7440.0	35.6	7.0	42.6	134.6	500	Vertical
7440.0	36.4	6.5	42.9	139.6	500	Horizontal
9920.0	32.5	8.5	41.0	112.2	500	Vertical
9920.0	32.3	8.3	40.6	107.2	500	Horizontal
12400.0	30.7	10.9	41.6	120.2	500	Vertical
12400.0	30.3	10.8	41.1	113.5	500	Horizontal

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Radiated Emissions Measurement:

Limit :

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 5.205(c)).

Result: RF Radiated Emissions (1GHz-26GHz) (Lowest)

Peak Value						
Frequency MHz	Measured Level @3m dB μ V	Correction Factor dB/m	Field Strength dB μ V/m	Limit @3m dB μ V/m	Margin dB μ V/m	E-Field Polarity
2400.0	63.6	-4.8	58.8	74.0	15.2	Vertical
2400.0	72.5	-4.7	67.8	74.0	6.2	Horizontal

Average Value						
Frequency MHz	Measured Level @3m dB μ V	Correction Factor dB/m	Field Strength dB μ V/m	Limit @3m dB μ V/m	Margin dB μ V/m	E-Field Polarity
2400.0	52.2	-4.8	47.4	54.0	6.7	Vertical
2400.0	55.8	-4.7	51.1	54.0	2.9	Horizontal

Result: RF Radiated Emissions (1GHz-26GHz) (Highest)

Peak Value						
Frequency MHz	Measured Level @3m dB μ V	Correction Factor dB/m	Field Strength dB μ V/m	Limit @3m dB μ V/m	Margin dB μ V/m	E-Field Polarity
2483.5	67.9	-4.8	63.1	74.0	10.9	Vertical
2483.5	74.2	-4.7	69.5	74.0	4.5	Horizontal

Average Value						
Frequency MHz	Measured Level @3m dB μ V	Correction Factor dB/m	Field Strength dB μ V/m	Limit @3m dB μ V/m	Margin dB μ V/m	E-Field Polarity
2483.5	52.3	-4.8	47.5	54.0	6.5	Vertical
2483.5	56.2	-4.7	51.5	54.0	2.5	Horizontal

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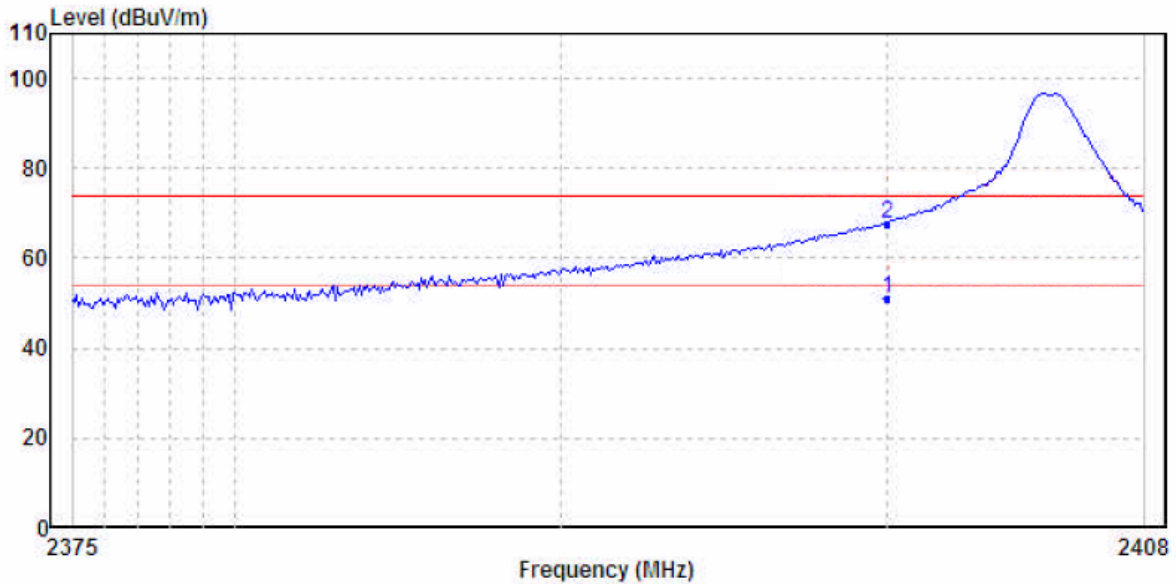
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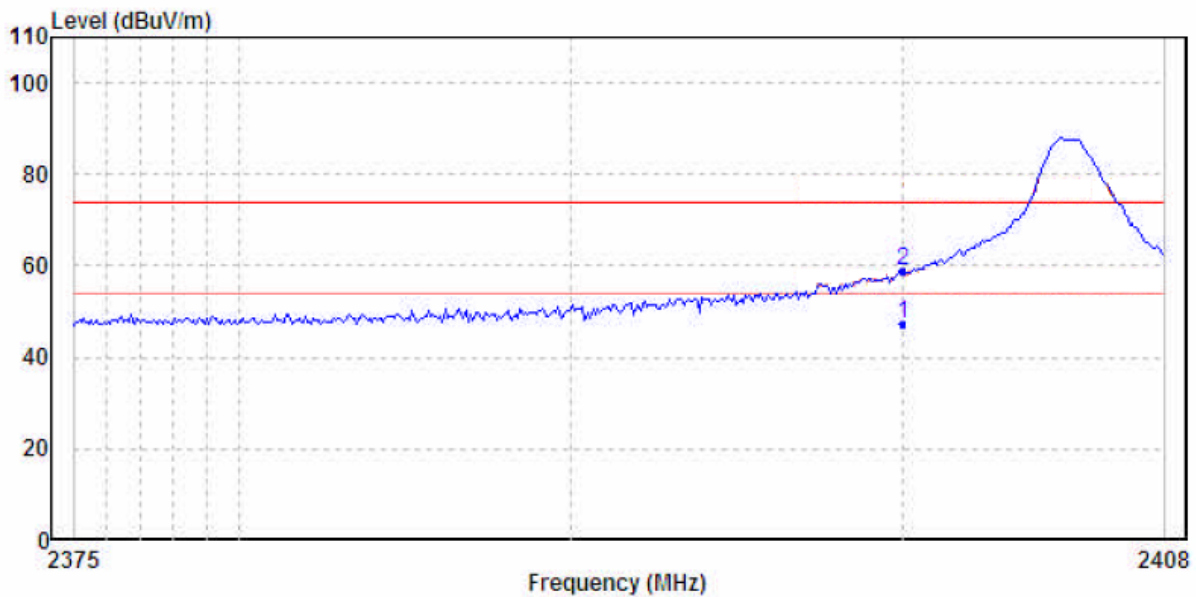
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Emissions radiated outside of the specified frequency bands (Lowest)

Horizontal



Vertical



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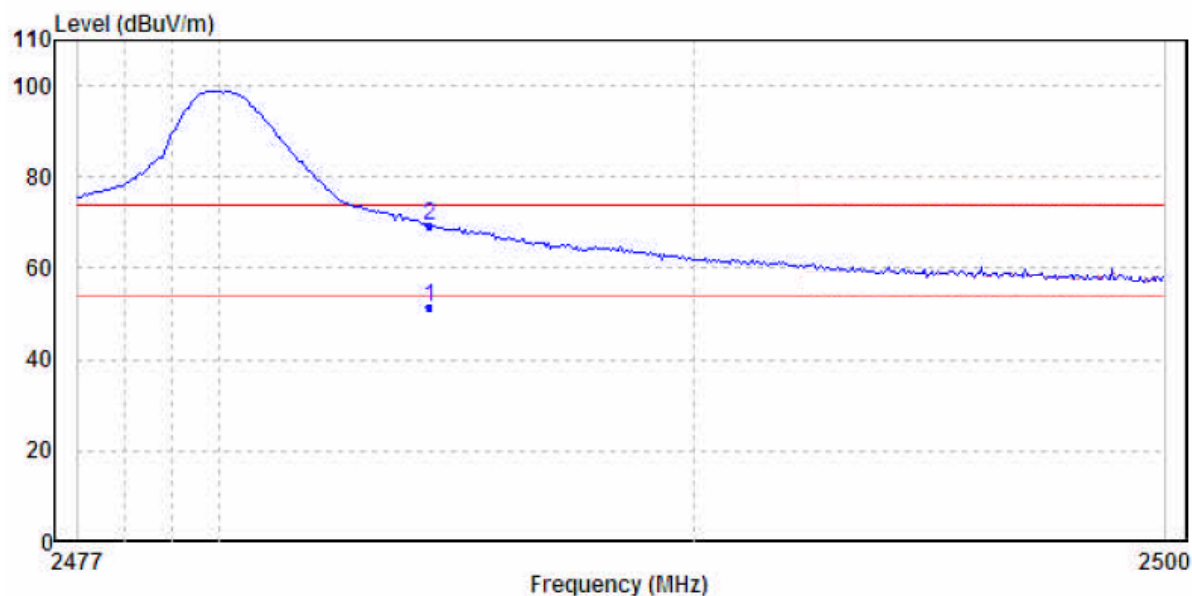
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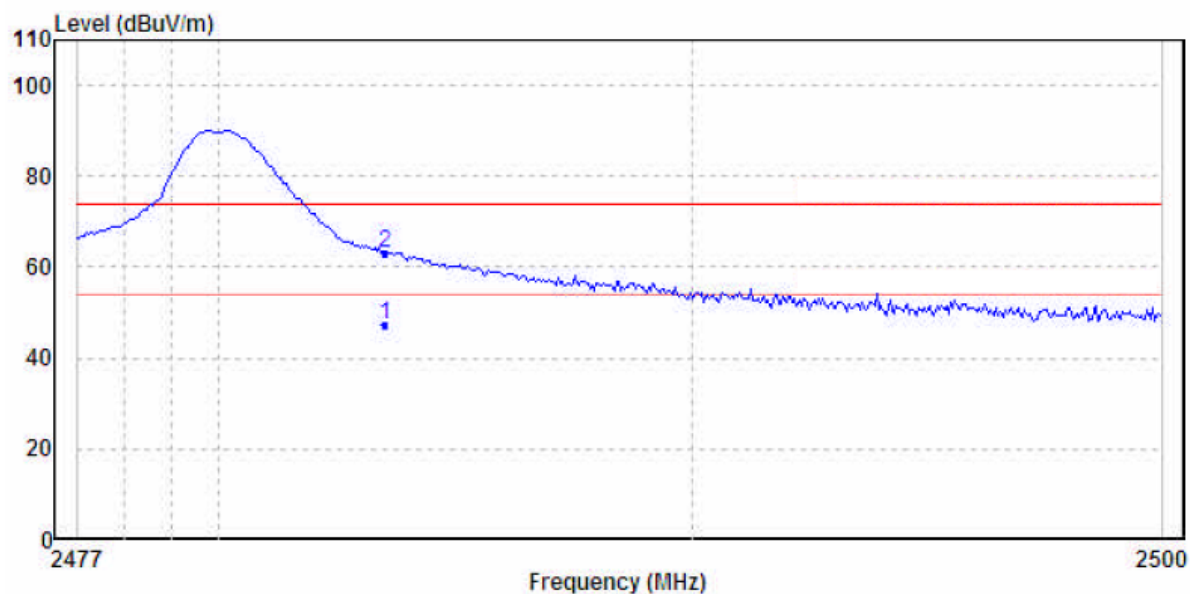
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Emissions radiated outside of the specified frequency bands (Highest)

Horizontal



Vertical



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Limits for Radiated Emissions [FCC 47 CFR 15.209 Class B]:

Frequency Range [MHz]	Quasi-Peak Limits [μV/m]
0.009-0.490	2400/F (kHz)
0.490-1.705	24000/F (kHz)
1.705-30	30
30-88	100
88-216	150
216-960	200
Above960	500

The emission limits shown in the above table are based on measurement employing a CISPR quasi-peak detector and above 1000MHz are based on measurements employing an average detector.

Remarks:

Calculated measurement uncertainty (9kHz-30MHz): 2.0dB /(30MHz – 1GHz): 4.9dB

Emissions in the vertical and horizontal polarizations have been investigated and the worst-case test results are recorded in this report.

Results of TX mode (9kHz – 30MHz): PASS

Emissions detected are more than 20 dB below the FCC Limits, not reported.

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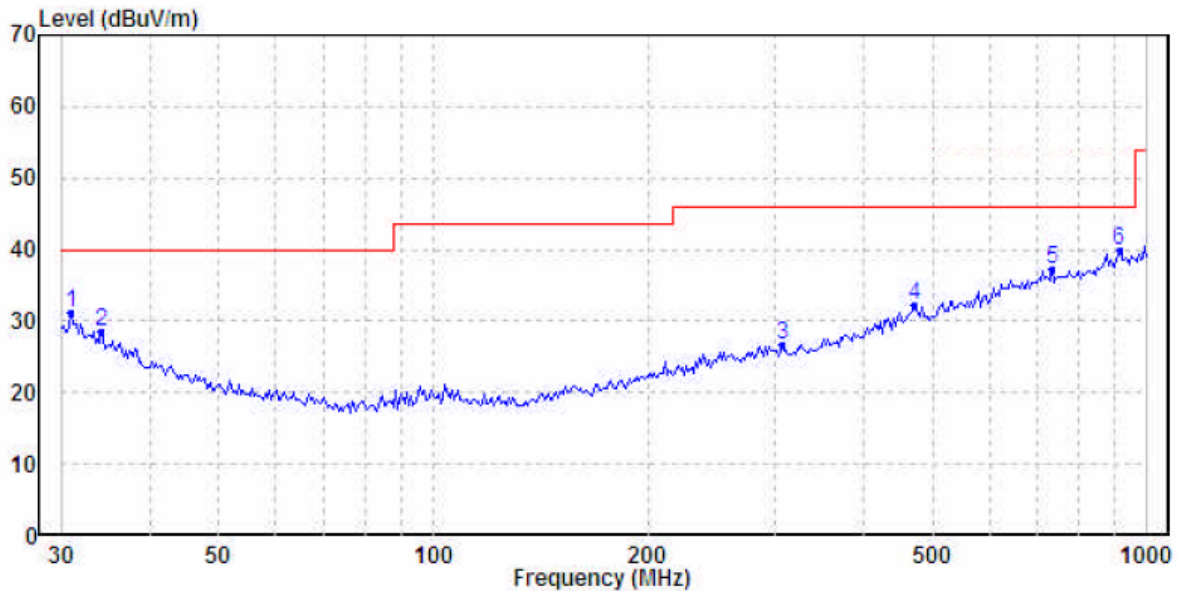
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Results of TX mode (30MHz – 1GHz)(2405MHz worst case): PASS

Horizontal



Ambient Temperature: 23.7C
Relative Humidity : 53.8%
Air Pressure : 100.9kPa

	Freq	Level	Limit	Over	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB		
1	31.071	31.12	40.00	-8.88	QP	Horizontal
2	34.276	28.41	40.00	-11.59	QP	Horizontal
3	307.831	26.69	46.00	-19.31	QP	Horizontal
4	472.176	32.16	46.00	-13.84	QP	Horizontal
5	734.491	37.30	46.00	-8.70	QP	Horizontal
6	912.862	39.85	46.00	-6.15	QP	Horizontal

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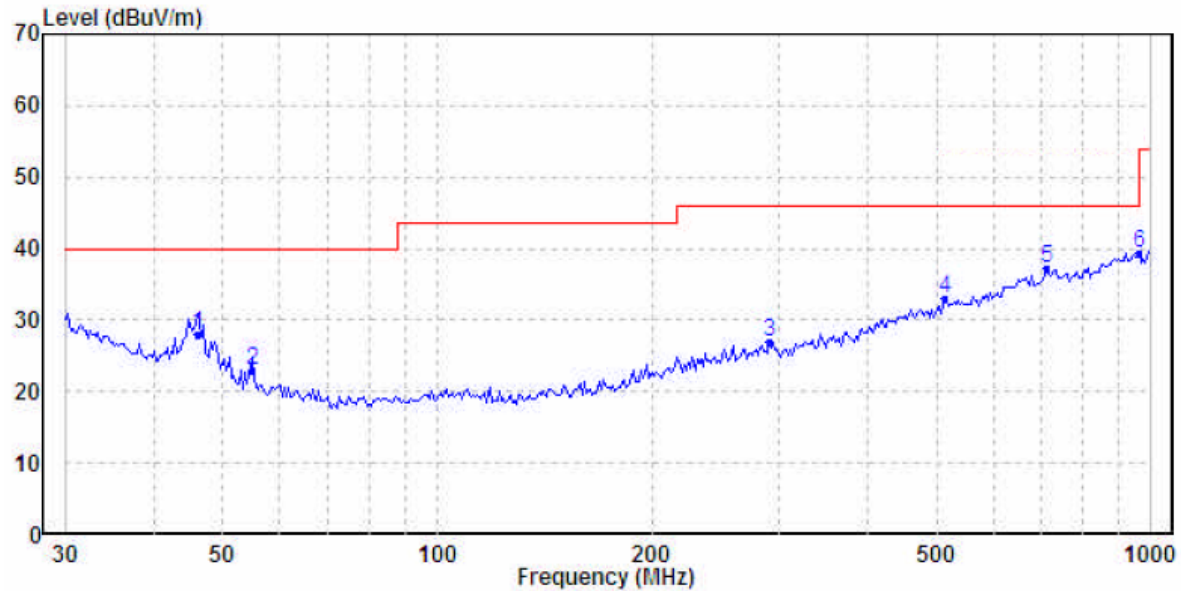
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Results of TX mode (30MHz – 1GHz) (2405MHz worst case): PASS

Vertical



Ambient Temperature: 23.7C
Relative Humidity : 53.8%
Air Pressure : 100.9kPa

	Freq	Level	Limit	Over	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	Limit		
				dB		
1	46.016	28.03	40.00	-11.97	QP	Vertical
2	54.835	22.94	40.00	-17.06	QP	Vertical
3	291.036	27.01	46.00	-18.99	QP	Vertical
4	513.633	32.99	46.00	-13.01	QP	Vertical
5	714.173	37.37	46.00	-8.63	QP	Vertical
6	958.794	39.38	46.00	-6.62	QP	Vertical

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3.1.2 Antenna Requirement

Ambient temperature 25°C

Relative humidity 57%

Test Requirements: § 15.203

Test Specification:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Test Results:

This is PCB antenna. There is no external antenna, the antenna gain $\approx -0.95\text{dBi}$. User is unable to remove or changed the Antenna.

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3.1.3 20dB Bandwidth of Fundamental Emission

Ambient temperature 25°C

Relative humidity 57%

Test Requirement: FCC 47 CFR 15.249
Test Method: ANSI C63.10:2013
Test Date: 2024-05-16
Mode of Operation: Tx mode

Test Method:

The bandwidth is measured at an amplitude level reduced from the reference level by a specified ratio. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst-case (i.e. the widest) bandwidth.

Test Setup:

As Test Setup of clause 3.1.1 in this test report.

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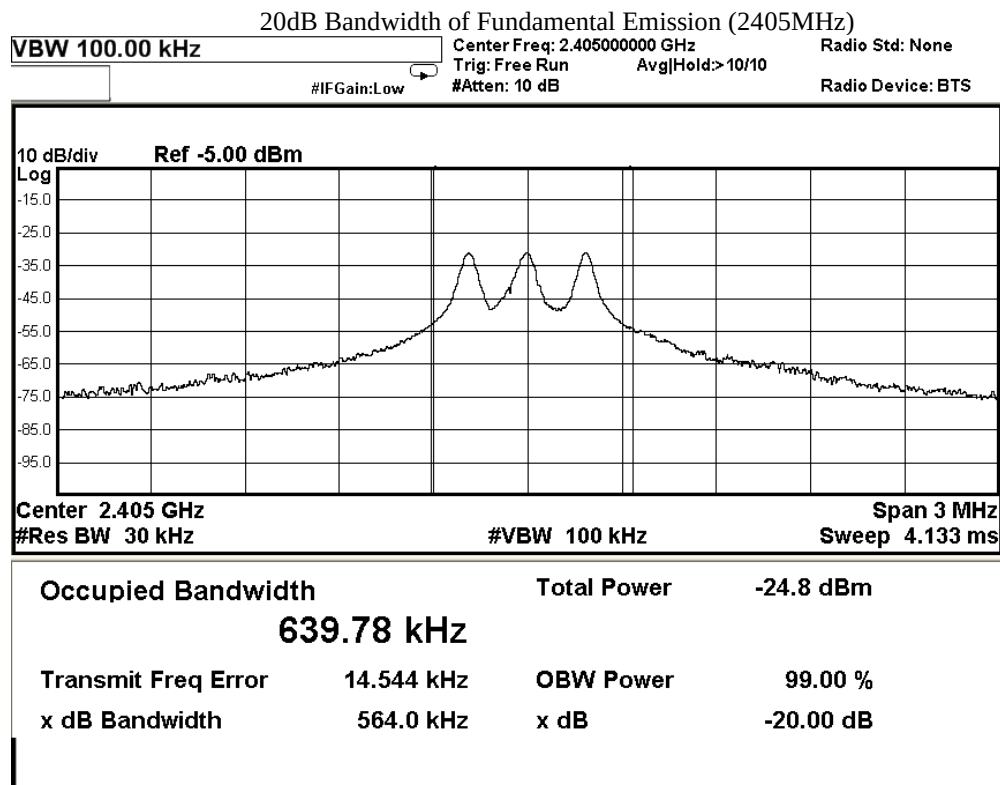
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Limits for 20dB Bandwidth of Fundamental Emission (Low Frequency Channel):

Frequency Range [MHz]	20dB Bandwidth [MHz]
2405.0	0.564



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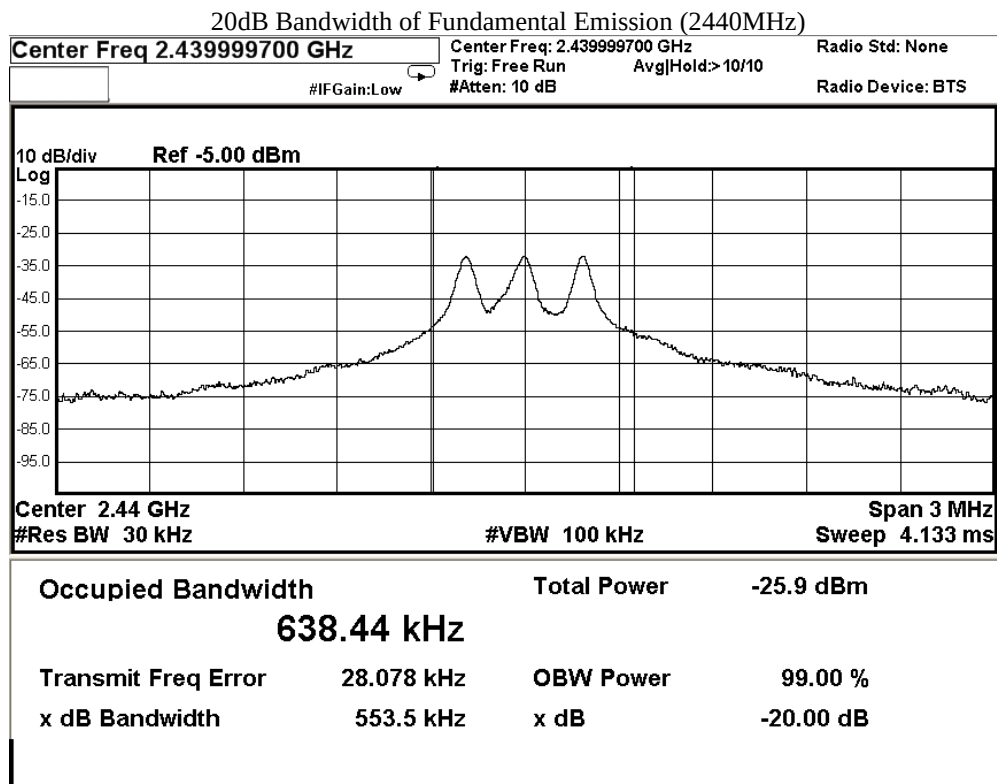
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Limits for 20dB Bandwidth of Fundamental Emission (Middle Frequency Channel):

Frequency Range [MHz]	20dB Bandwidth [MHz]
2440.0	0.5535



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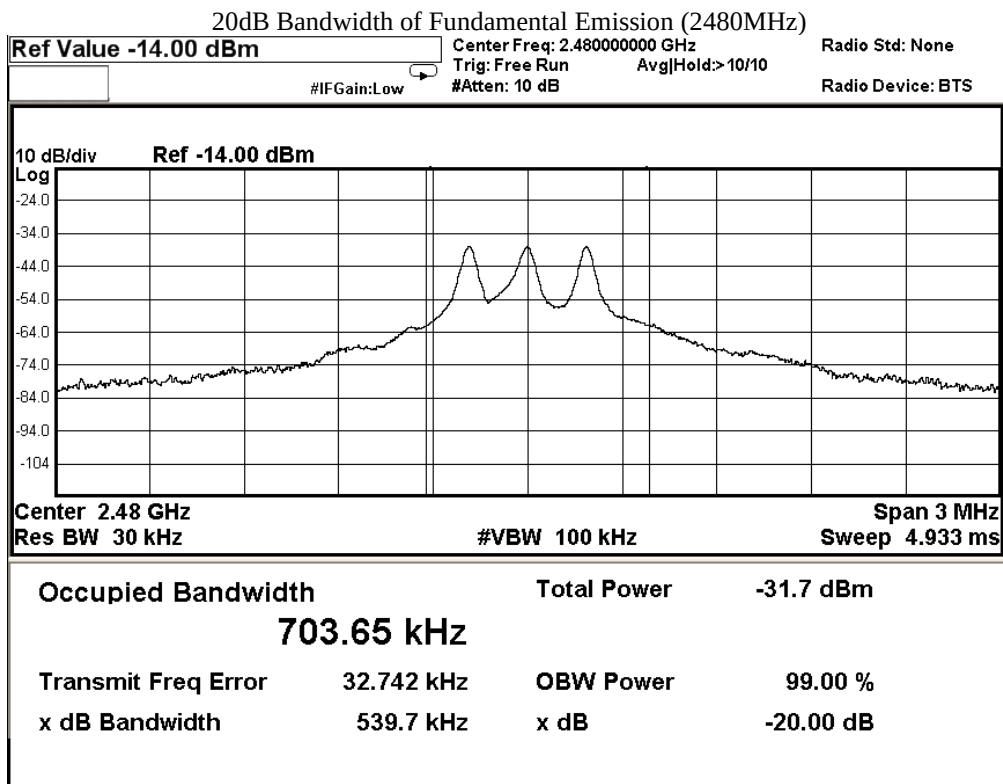
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Limits for 20dB Bandwidth of Fundamental Emission (High Frequency Channel):

Frequency Range [MHz]	20dB Bandwidth [MHz]
2480.0	0.5397



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Appendix A

List of Measurement Equipment

Radiated Emission

EQP NO.	DESCRIPTION	MANUFACTURER	MODEL NO.	SERIAL NO.	LAST CAL	DUE CAL
EM215	MULTIDEVICE CONTROLLER	EMCO	2090	00024676	N/A	N/A
EM217	ELECTRIC POWERED TURN TABLE	EMCO	2088	00029144	N/A	N/A
EM218	ANECHOIC CHAMBER	ETS-LINDGREN	FACT-3	--	2024-04-18	2029-04-18
EM356	ANTENNA POSITIONING TOWER	ETS-LINDGREN	2171B	00150346	N/A	N/A
EM293	SPECTRUM ANALYZER	AGILENT TECHNOLOGIES	N9020A	MY50510152	2023-03-21	2025-03-21
EM299	BROADBAND HORN ANTENNA	ETS-LINDGREN	3115	00114120	2023-01-25	2025-01-25
EM300	PYRAMIDAL STANDARD GAIN HORN ANTENNA	ETS-LINDGREN	3160-09	00130130	2023-01-16	2025-01-16
EM301	PYRAMIDAL STANDARD GAIN HORN ANTENNA	ETS-LINDGREN	3160-10	00130988	2023-02-15	2025-02-15
EM353	LOOP ANTENNA	ETS_LINDGREN	6502	00206533	2022-09-26	2024-09-26
EM355	BICONILOG ANTENNA	ETS-LINDGREN	3143B	00094856	2022-08-26	2024-08-26
EM200	DUAL CHANNEL POWER METER	R & S	NRVD	100592	2023-08-02	2025-08-02
EM012	PRE-AMPLIFIER	HP	HP8448B	3008A00262	2022-11-08	2025-11-08
EM215	MULTIDEVICE CONTROLLER	EMCO	2090	00024676	N/A	N/A

Remarks:-

N/A Not Applicable or Not Available

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Appendix B Photographs of EUT

Front View of the product



Rear View of the product



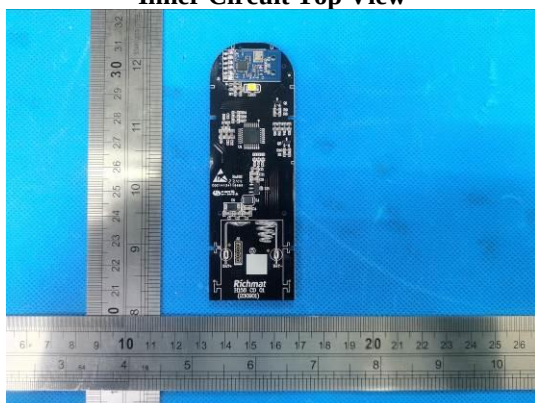
Inner Circuit Top View



Inner Circuit Bottom View



Inner Circuit Top View



Inner Circuit Bottom View



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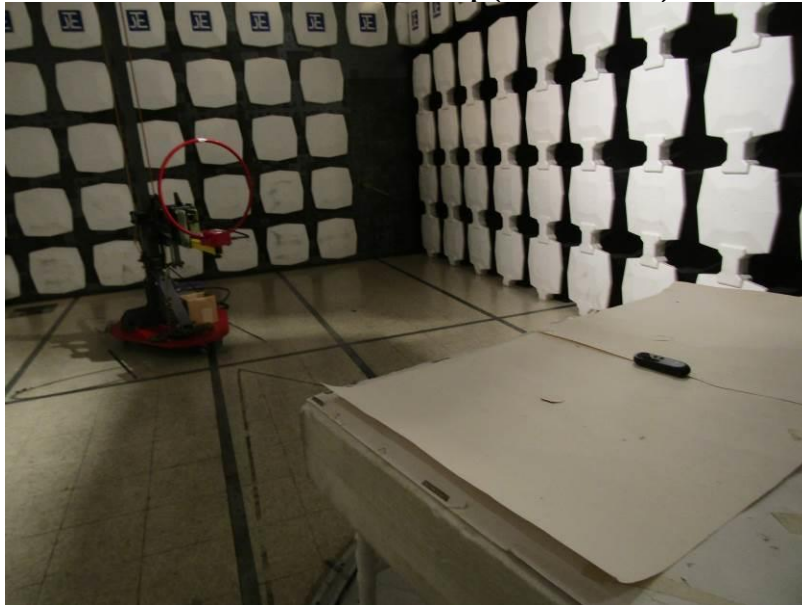
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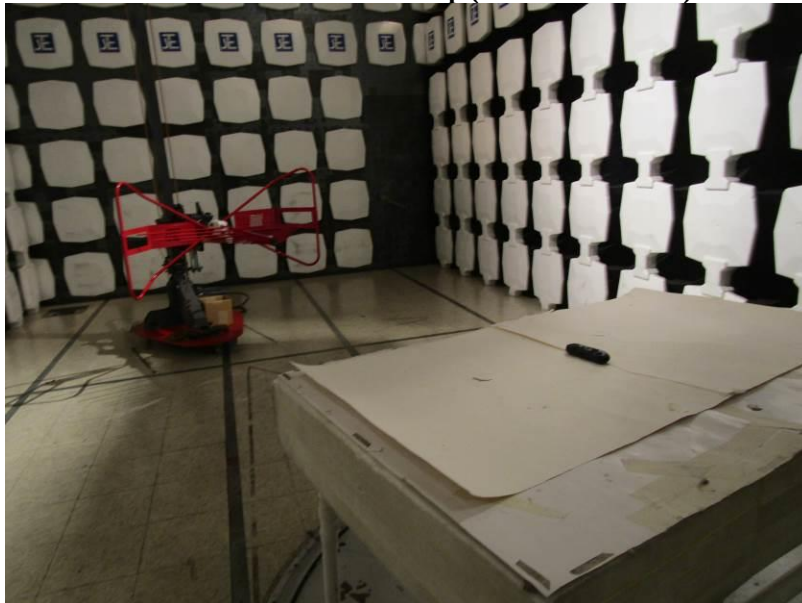
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Photographs of EUT

Radiated emissions test set up (9KHz-30MHz)



Radiated emissions test set up (30MHz-1000MHz)



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Photographs of EUT

Radiated emissions test set up (Above 1GHz)



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