

TEST REPORT

Applicant Name: Vee International Inc.
Address: 625 South St, Garden City, New York 11530, United States
Report Number: 2504Z02574E-RF-00A
FCC ID: 2AQOX-BL-69985

Test Standard (s)

FCC PART 15.231

Sample Description

Product Name: Rebel Ride - Sex Machine
Model No.: BL-69985
Trade Mark: N/A
Received Date: 2025-11-19
Report Date: 2026-05-15

Test Result:	The EUT complied with the standards above.
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Prepared and Checked By:

Roger Ling

Roger.Ling
EMC Engineer

Approved By:

Bob. Liao

Bob. Liao
EMC Engineer

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TABLE OF CONTENTS

DOCUMENT REVISION HISTORY	3
GENERAL INFORMATION.....	4
PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT)	4
OBJECTIVE	4
TEST METHODOLOGY	4
TEST FACILITY	5
MEASUREMENT UNCERTAINTY	5
SYSTEM TEST CONFIGURATION	6
DESCRIPTION OF TEST CONFIGURATION.....	6
EUT EXERCISE SOFTWARE AND POWER LEVEL [#]	6
SPECIAL ACCESSORIES AND EQUIPMENT MODIFICATIONS	6
SUPPORT EQUIPMENT LIST AND DETAILS	6
EXTERNAL I/O CABLE.....	6
BLOCK DIAGRAM OF TEST SETUP	7
SUMMARY OF TEST RESULTS	9
TEST EQUIPMENT LIST	10
ANTENNA REQUIREMENT	11
APPLICABLE STANDARD.....	11
ANTENNA CONNECTOR CONSTRUCTION	11
AC LINE CONDUCTED EMISSIONS	12
APPLICABLE STANDARD.....	12
EUT SETUP.....	12
EMI TEST RECEIVER SETUP.....	12
TEST PROCEDURE	12
CALCULATION	13
TEST DATA	13
RADIATED EMISSIONS	16
APPLICABLE STANDARD.....	16
EUT SETUP.....	16
EMI TEST RECEIVER & SPECTRUM ANALYZER SETUP	18
TEST PROCEDURE	18
CALCULATION	19
TEST DATA	19
DEACTIVATION TESTING	30
APPLICABLE STANDARD.....	30
TEST PROCEDURE	30
TEST DATA	30
20 DB EMISSION BANDWIDTH.....	32
APPLICABLE STANDARD.....	32
TEST PROCEDURE	32
TEST DATA	32
EXHIBIT A-EUT PHOTOGRAPHS	34
EXHIBIT B-TEST SETUP PHOTOGRAPHS	35

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2504Z02574E-RF-00A	Original Report	2026-05-15

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name	Rebel Ride - Sex Machine
Tested Model	BL-69985
Voltage Range [#]	DC 3.7V from battery

Frequency Range	433.92MHz
Maximum E-Field Strength (Peak)	64.17dBuV/m@3m
Modulation Technique	ASK
Antenna Specification	Internal Antenna
Sample Serial Number	3CYK-6 (Assigned by ATC, Shenzhen)
Sample/EUT Status	Good condition

Objective

This type approval report is in accordance with Part 2-Subpart J, and Part 15-Subparts A and C of the Federal Communication Commissions rules.

The tests were performed in order to determine compliance with FCC Part 15, Subpart C, section 15.203, 15.205, 15.207, 15.209, 15.35(c) and 15.231 rules.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

Unless otherwise stated there are no any additions to, deviations, or exclusions from the method.

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Accredited by American Association for Laboratory Accreditation (A2LA).The Certificate Number is 4297.01.

Measurement Uncertainty

Parameter		Uncertainty
Occupied Channel Bandwidth		5 %
RF Frequency		0.064×10^{-7}
AC Power Lines Conducted Emissions		2.7 dB
Radiated Emissions	9kHz - 30MHz	2.1 dB
	30MHz - 1GHz	4.3 dB
	1GHz - 18GHz	4.9 dB
Temperature		1 °C
Humidity		2 %
Supply voltages		0.4 %

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in engineering mode and the power is default, which was provided and declared by manufacturer.

Operating frequency: 433.92 MHz

EUT Exercise Software and Power Level[#]

Exercise Software:	N/A
Power Level:	default

Note 1: The information in the above table is provided by the applicant.

Note 2[#]: According to applicant, all the keys with same power setting, the EUT was configured to an engineering mode that with continue transmitting when power on for the testing.

Special Accessories and Equipment Modifications

No special accessories or modifications were used on the device under test (EUT) during the test.

Support Equipment List and Details

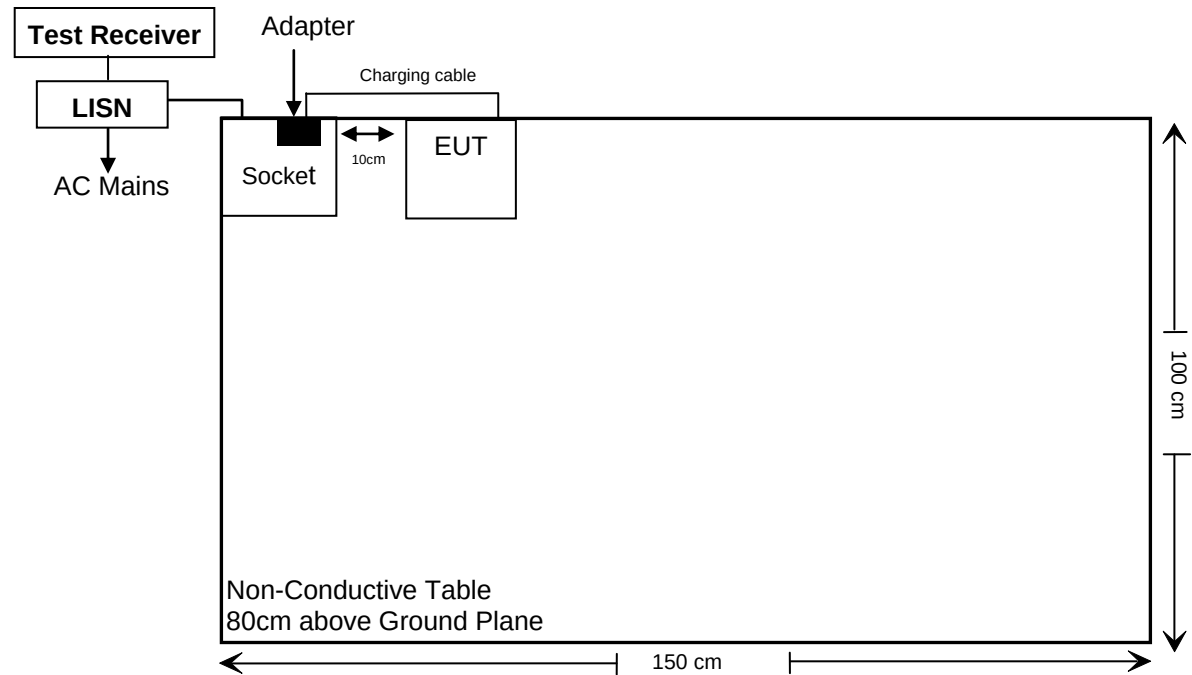
Manufacturer	Description	Model	Serial Number
TECNO	Adapter	U050TSA	Unknown

External I/O Cable

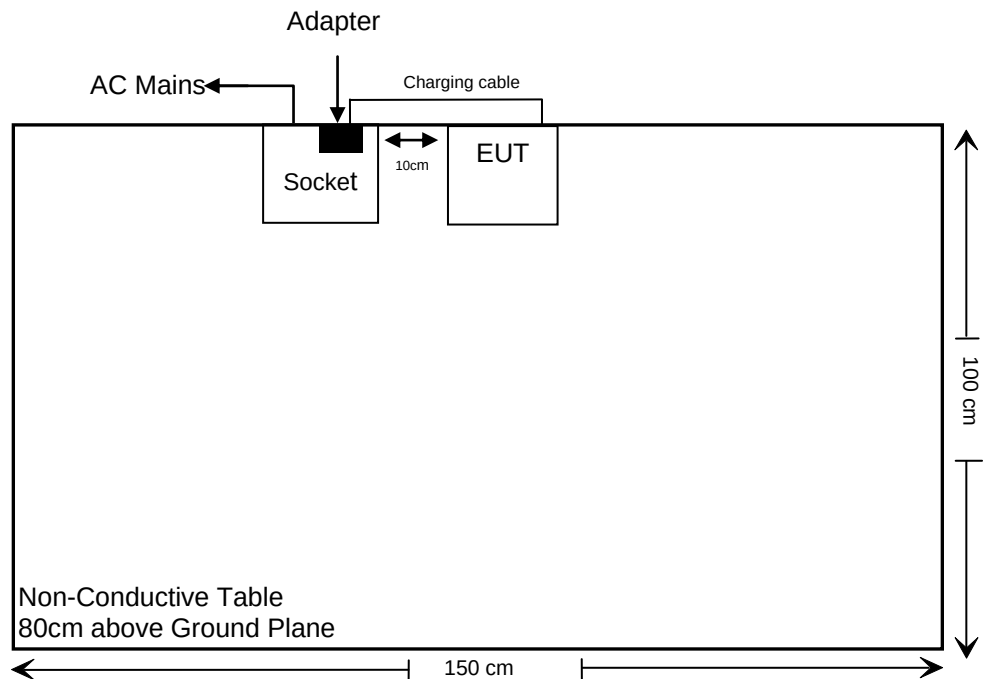
Cable Description	Shielding Type	Length (m)	From Port	To
Charging cable	NO	0.5	Adapter	EUT

Block Diagram of Test Setup

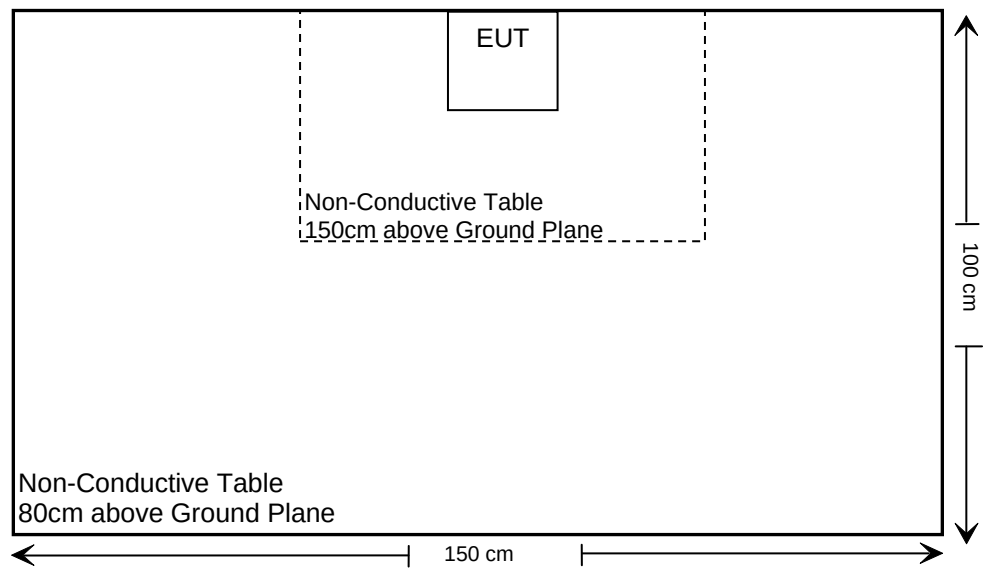
For Conducted Emission:



For Radiated Emission(Below 1GHz):



For Radiated Emission(Above 1GHz):



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
§15.203	Antenna Requirement	Compliance
§15.207(a)	AC Line Conducted Emission	Compliance
§15.205, §15.209, §15.231(b)	Radiated Emissions	Compliance
§15.231(a)(1)	Deactivation Testing	Compliance
§15.231(c)	20dB Emission Bandwidth	Compliance

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emissions Test					
Rohde & Schwarz	EMI Test Receiver	ESCI	100784	2025/09/17	2026/09/16
Rohde & Schwarz	L.I.S.N.	ENV216	101314	2025/09/17	2026/09/16
Anritsu Corp	50 Coaxial Switch	MP59B	6100237248	2025/09/18	2026/09/17
Rohde & Schwarz	Pulse Limiter	ESH3-Z2	100312	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.17	N0350	2025/05/30	2026/05/29
Test Software: e3 191218 (V9)					
20dB Emission Bandwidth/ Deactivation Test					
Rohde & Schwarz	Spectrum Analyzer	FSV-40	101495	2025/09/17	2026/09/16
Radiated Spurious Emission Test(Below 1GHz)					
Rohde & Schwarz	Test Receiver	ESR	102725	2025/09/18	2026/09/17
SONOMA INSTRUMENT	Amplifier	310N	186131	2026/01/20	2027/01/19
Schwarzbeck	Bilog Antenna	VULB9163	9163-323	2024/08/08	2027/08/07
Unknown	RF Coaxial Cable	No.12	N040	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.13	N300	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.14	N800	2025/05/30	2026/05/29
BACL	LOOP ANTENNA	1313-1A	3110711	2024/01/16	2027/01/15
Test Software: e3 191218 (V9)					
Radiated Spurious Emission Test(Above 1GHz)					
Rohde & Schwarz	Spectrum Analyzer	FSV40	101949	2025/09/17	2026/09/16
Decentest	Filter Switch Unit	DT7220FSU	DQ77927	2025/09/18	2026/09/17
Decentest	Multiplex Switch Test Control Set	DT7220CSU	DQ77924	2025/09/18	2026/09/17
A.H. Systems, inc.	Preamplifier	PAM-0118	226	2026/01/20	2027/01/19
Schwarzbeck	Horn Antenna	BBHA9120D	837	2026/01/29	2029/01/30
Unknown	RF Coaxial Cable	No.10	N050	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.11	N1000	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.19	N500	2025/05/30	2026/05/29
Test Software: e3 191218 (V9)					

* **Statement of Traceability:** Shenzhen Accurate Technology Co., Ltd. attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

ANTENNA REQUIREMENT

Applicable Standard

According to FCC §15.203, 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.

Antenna Connector Construction

The EUT has one internal antenna arrangement which was permanently attached, fulfill the requirement of this section. Please refer to EUT photos.

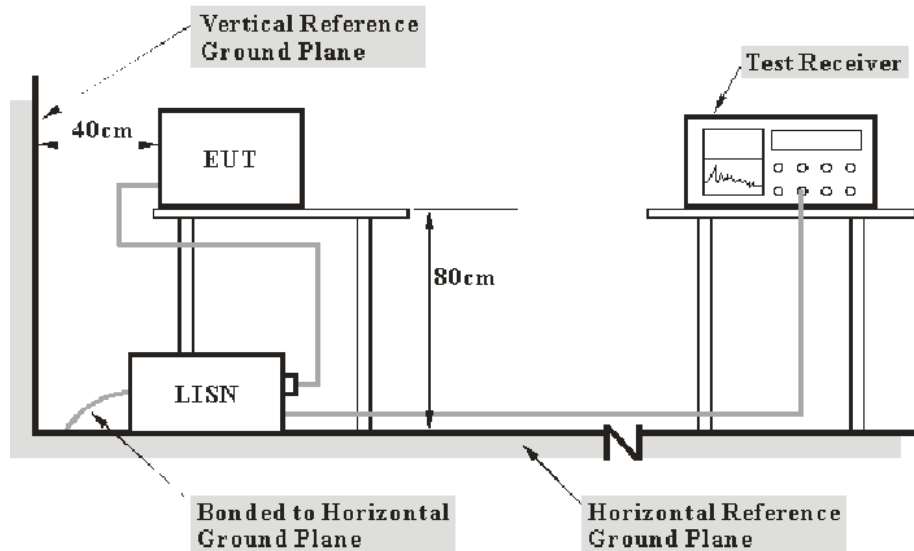
Result: Compliance.

AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207(a)

EUT Setup



Note: 1. Support units were connected to second LISN.
2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The measurement procedure of EUT setup is according with ANSI C63.10-2020. The related limit was specified in FCC Part 15.207.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	IF B/W
150 kHz – 30 MHz	9 kHz

Test Procedure

During the conducted emission test, the adapter was connected to the outlet of the LISN.

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All final data was recorded in the Quasi-peak and average detection mode.

Calculation

The factor is calculated by adding LISN VDF (Voltage Division Factor) and Cable Loss. The basic equation is as follows:

Factor = LISN VDF + Cable Loss + 10dB Attenuation(Limiter)

The “**Over limit**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an over limit of -7 dB means the emission is 7 dB below the limit. The equation for calculation is as follows:

Over Limit = Level - Limit

Level = Read Level + Factor

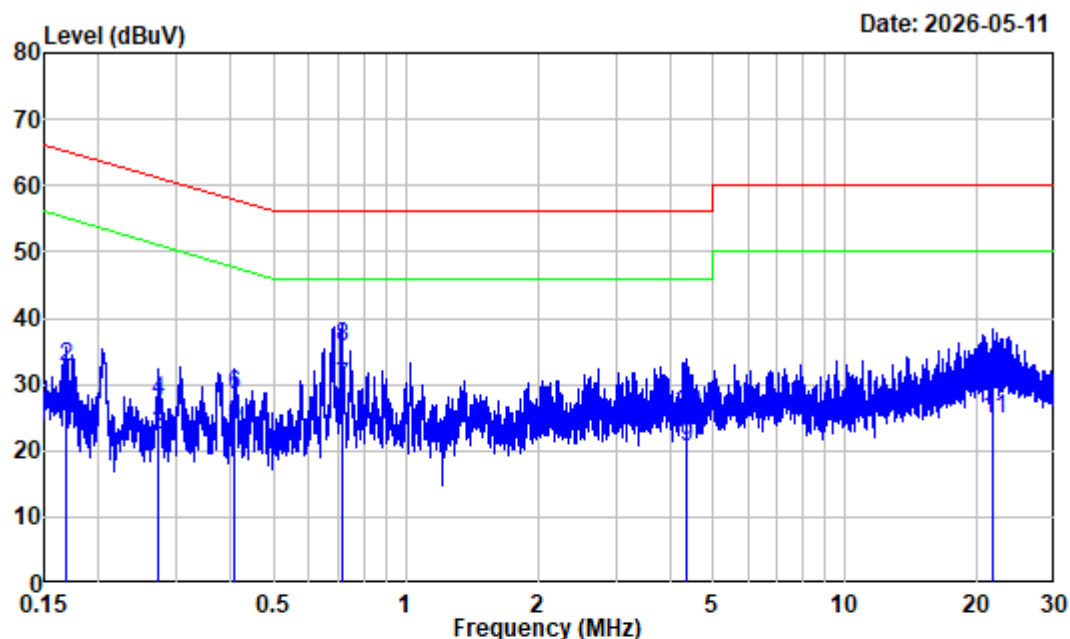
Test Data

Environmental Conditions

Temperature:	25.1 °C
Relative Humidity:	49 %
ATM Pressure:	100.6 kPa
Test Engineer:	Homelander Dai
Test Date:	2026-05-11
EUT Operation Mode:	Transmitting

Test Result: Compliance, please refer to the below data.

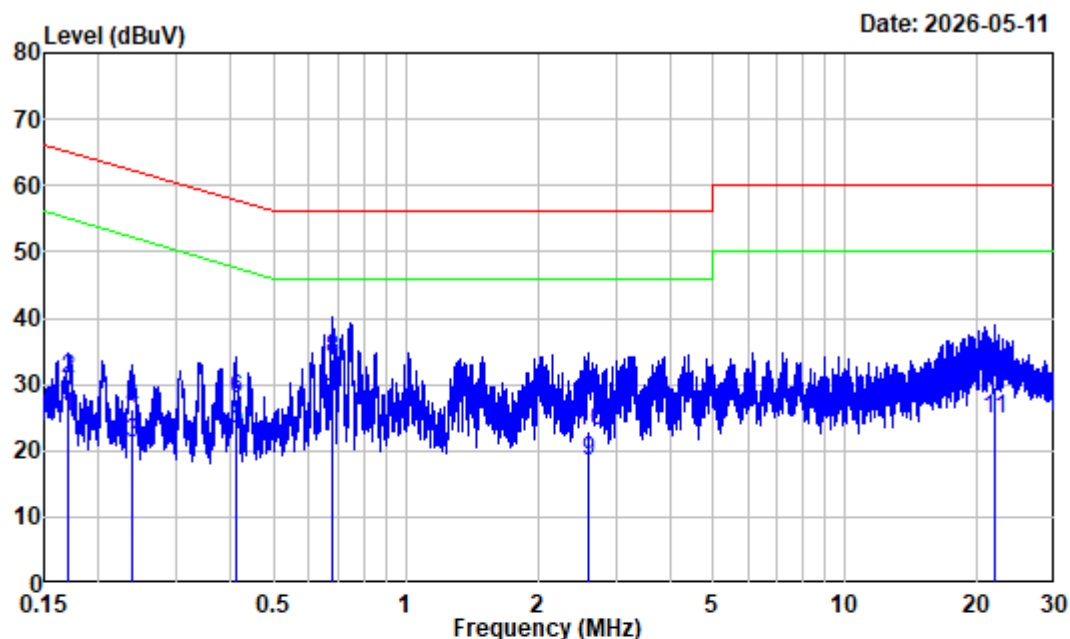
AC 120V/60Hz, Line:



Site : Shielding Room
 Condition : Line
 Job No. : 2504Z02574E-RF
 Test Mode : Transmitting
 Tester : Homelander Dai
 Receiver Setting: IF B/W 9kHz PK/AV

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.169	19.84	4.92	24.76	55.02	-30.26	Average
2	0.169	19.84	12.88	32.72	65.02	-32.30	QP
3	0.273	19.95	2.36	22.31	51.03	-28.72	Average
4	0.273	19.95	7.41	27.36	61.03	-33.67	QP
5	0.408	20.03	3.88	23.91	47.69	-23.78	Average
6	0.408	20.03	8.34	28.37	57.69	-29.32	QP
7	0.713	20.15	9.54	29.69	46.00	-16.31	Average
8	0.713	20.15	15.58	35.73	56.00	-20.27	QP
9	4.355	21.57	-1.13	20.44	46.00	-25.56	Average
10	4.355	21.57	4.17	25.74	56.00	-30.26	QP
11	21.773	24.14	0.68	24.82	50.00	-25.18	Average
12	21.773	24.14	6.86	31.00	60.00	-29.00	QP

AC 120V/60Hz, Neutral:



Site : Shielding Room
Condition : Neutral
Job No. : 2504Z02574E-RF
Test Mode : Transmitting
Tester : Homelander Dai
Receiver Setting: IF B/W 9kHz PK/AV

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.171	19.79	5.35	25.14	54.92	-29.78	Average
2	0.171	19.79	10.86	30.65	64.92	-34.27	QP
3	0.239	19.93	1.20	21.13	52.14	-31.01	Average
4	0.239	19.93	6.23	26.16	62.14	-35.98	QP
5	0.410	19.99	3.26	23.25	47.65	-24.40	Average
6	0.410	19.99	7.87	27.86	57.65	-29.79	QP
7	0.680	20.12	7.18	27.30	46.00	-18.70	Average
8	0.680	20.12	13.59	33.71	56.00	-22.29	QP
9	2.603	21.08	-2.73	18.35	46.00	-27.65	Average
10	2.603	21.08	1.90	22.98	56.00	-33.02	QP
11	21.874	24.23	0.37	24.60	50.00	-25.40	Average
12	21.874	24.23	5.26	29.49	60.00	-30.51	QP

RADIATED EMISSIONS

Applicable Standard

FCC §15.205, §15.209, §15.231 (b)

According to FCC §15.231(b), the field strength of emissions from intentional radiators operated under this section shall not exceed the following:

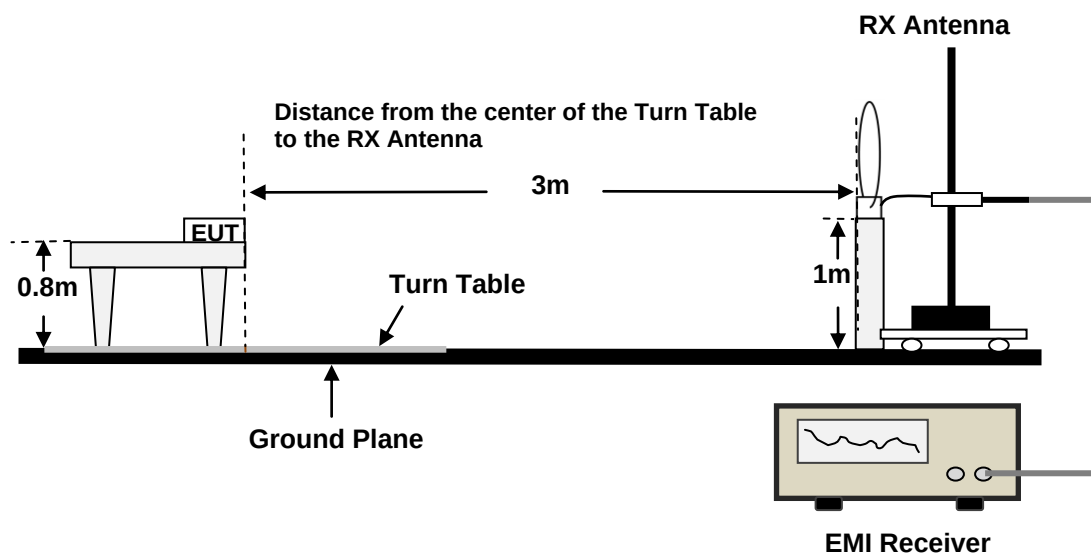
Fundamental frequency (MHz)	Field Strength of Fundamental (Microvolts /meter)	Field Strength of spurious emissions (Microvolts /meter)
40.66-40.70	2250	225
70-130	1250	125
130-174	1250 to 3750**	125 to 375**
174-260	3750	375
260-470	3750 to 12500**	375 to 1250**
Above 470	12500	1250

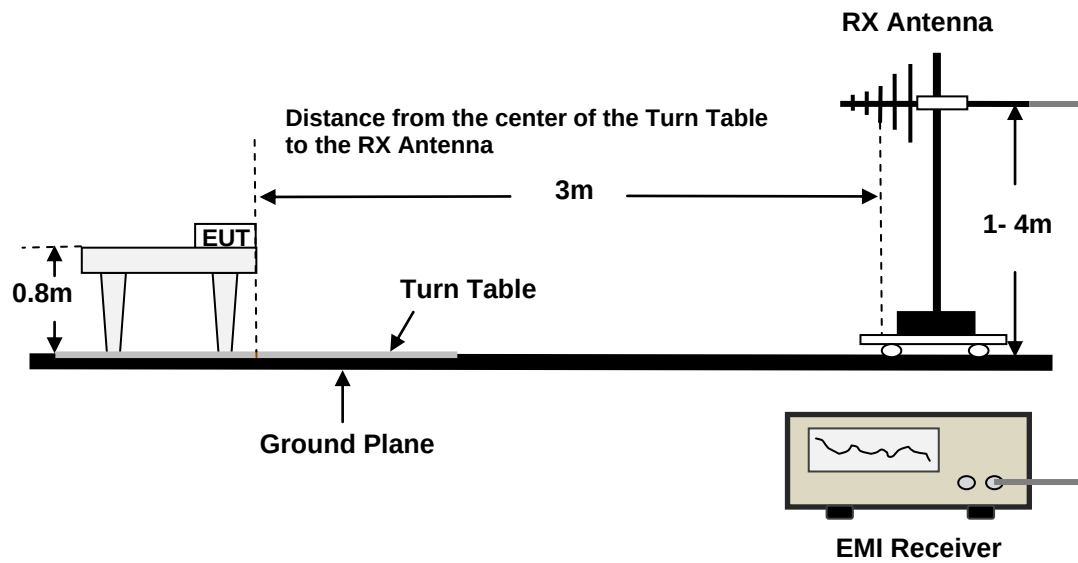
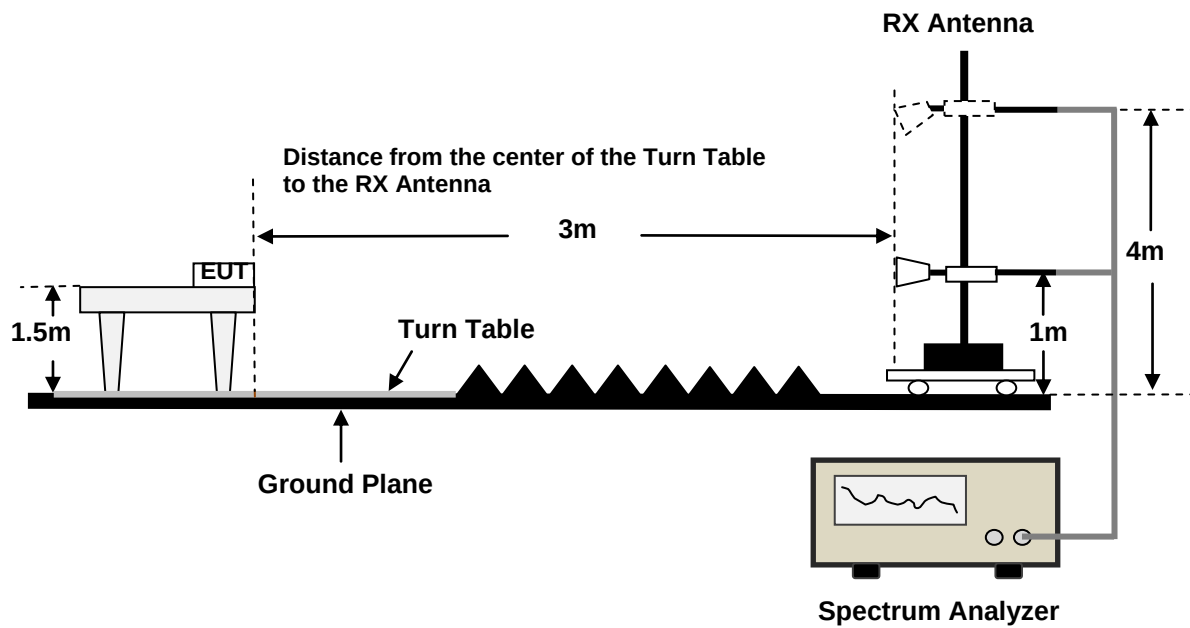
**linear interpolations

The above field strength limits are specified at a distance of 3-meters the tighter limits apply at the band edges.

EUT Setup

9kHz - 30MHz:



30MHz - 1GHz:**Above 1GHz:**

The radiated emission tests were performed in the 3 meters test site, using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15 § 15.209, 15.205 and 15.231.

EMI Test Receiver & Spectrum Analyzer Setup

The system was investigated from 9kHz to 4.5GHz.

During the radiated emission test, the EMI test receiver & Spectrum Analyzer Setup were set with the following configurations:

9kHz - 1000MHz:

Frequency Range	Measurement	RBW	Video B/W	IF B/W	Detector
9kHz - 150kHz	PK	0.3kHz	1kHz	/	PK
	QP/AV	/	/	200Hz	QP/AV
150kHz - 30MHz	PK	10kHz	30kHz	/	PK
	QP/AV	/	/	9kHz	QP/AV
30MHz - 1000MHz	PK	100kHz	300kHz	/	PK
	QP	/	/	120kHz	QP

1GHz - 4.5GHz:

Pre-scan:

Measurement	Detector	RBW	Video B/W
PK	Peak	1MHz	3MHz

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

According to FCC §15.209(e), the provisions in §15.31, 15.33, and 15.35 for measuring emissions at distances other than the distances specified in the above table, determining the frequency range over which radiated emissions are to be measured, and limiting peak emissions apply to all devices operated under this part.

According to FCC§15.31 measurement standard (f)(2), at frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.

For 9kHz-30MHz, test distance is 3m, extrapolation limit shall be calculated using Equation:

$$E_{\text{limit-measure}} = E_{\text{limit-Standard}} + 40 \times \log_{10}\left(\frac{d_{\text{Standard}}}{d_{\text{measure}}}\right)$$

All final data was recorded in the Quasi-peak detection mode from 30MHz to 1GHz, Peak and average detection mode above 1 GHz.

If the maximized peak measured value complies with the limit, then it is unnecessary to perform QP/Average measurement.

Note 1: The other spurious emission which is in the noise floor level was not recorded.

Note 2: Above 30MHz-1GHz, when the test result of Peak was more than 6dB below the limit of QP, just the Peak value was recorded.

Note 3: For above 1GHz, the test result of peak was 20dB below to the limit of peak, which can be compliant to the average limit, so just peak value was recorded.

Calculation

The Factor is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain. The basic equation is as follows:

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

The “**Over Limit/Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an over limit/margin of -7dB means the emission is 7dB below the limit. The equation for calculation is as follows:

$$\begin{aligned}\text{Over Limit/Margin} &= \text{Level} / \text{Corrected Amplitude} - \text{Limit} \\ \text{Level} / \text{Corrected Amplitude} &= \text{Read Level} + \text{Factor}\end{aligned}$$

Test Data

For Radiated Spurious Emissions, after pre-scan testing in the X, Y and Z axes of orientation, the worst case as setup photos was recorded.

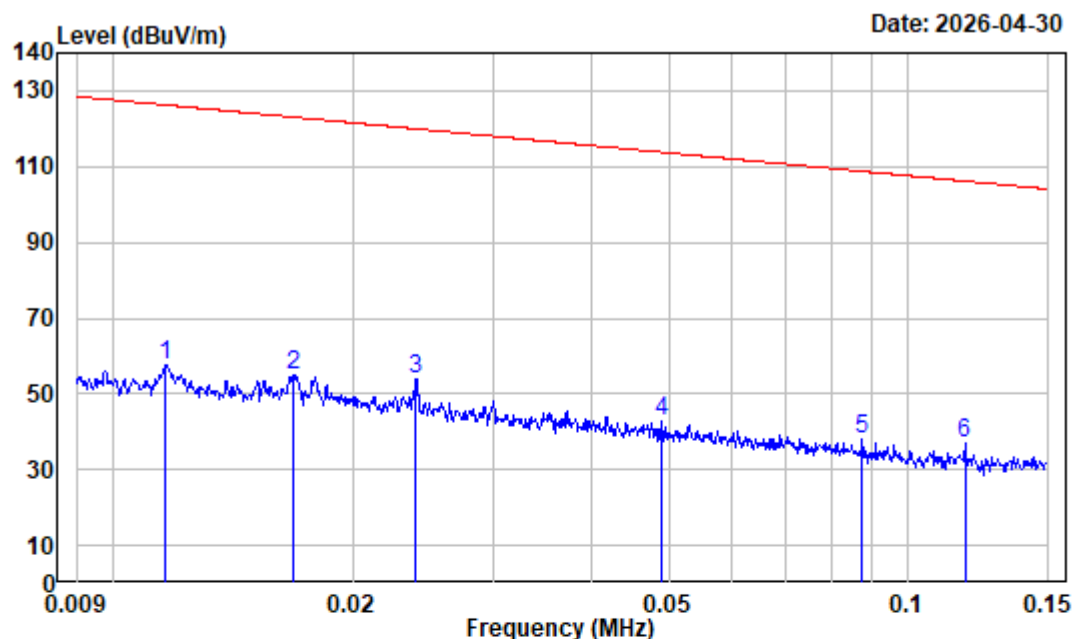
Environmental Conditions

Temperature:	22.5 °C
Relative Humidity:	46 %
ATM Pressure:	100.7 kPa
Test Engineer:	Jayden Luo
Test Date:	2026-04-30
EUT Operation Mode:	Transmitting

Test Result: Compliance, please refer to the below data.

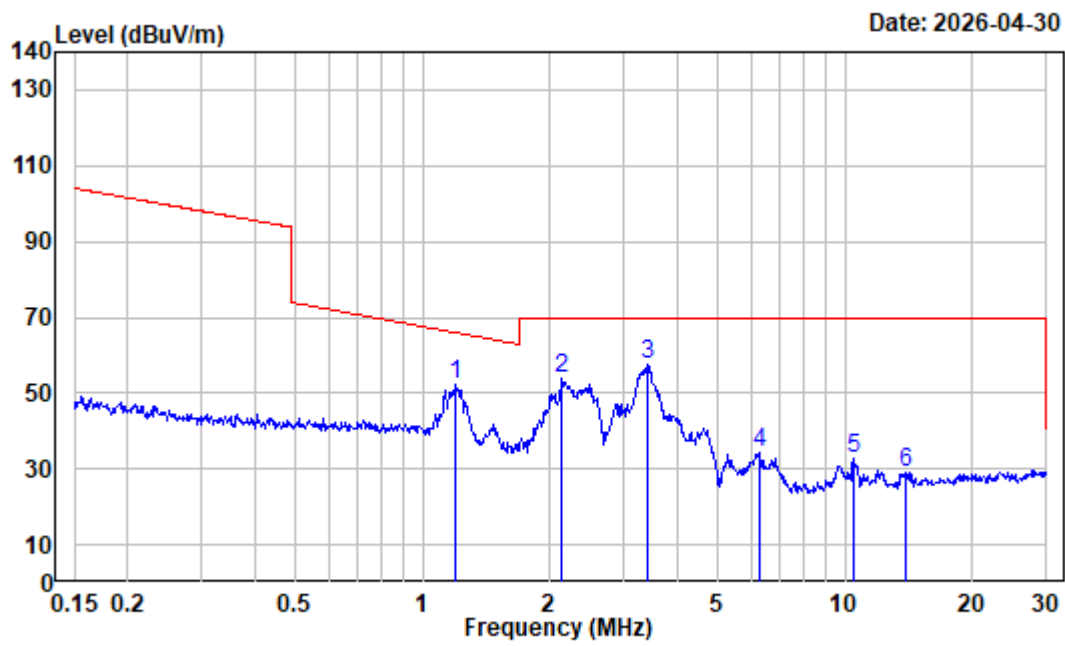
Note: For 9kHz-30MHz, The Loop Antenna were tested in parallel, perpendicular, and ground-parallel. The worst orientation was parallel and the data was recorded in report.

9kHz~30MHz:



Site : chamber
Condition : 3m
Job No. : 2504Z02574E-RF
Polarization : Parallel Tester: Jayden Luo
Test Mode : Transmitting
Receiver Setting: RBW:300Hz VBW:1kHz

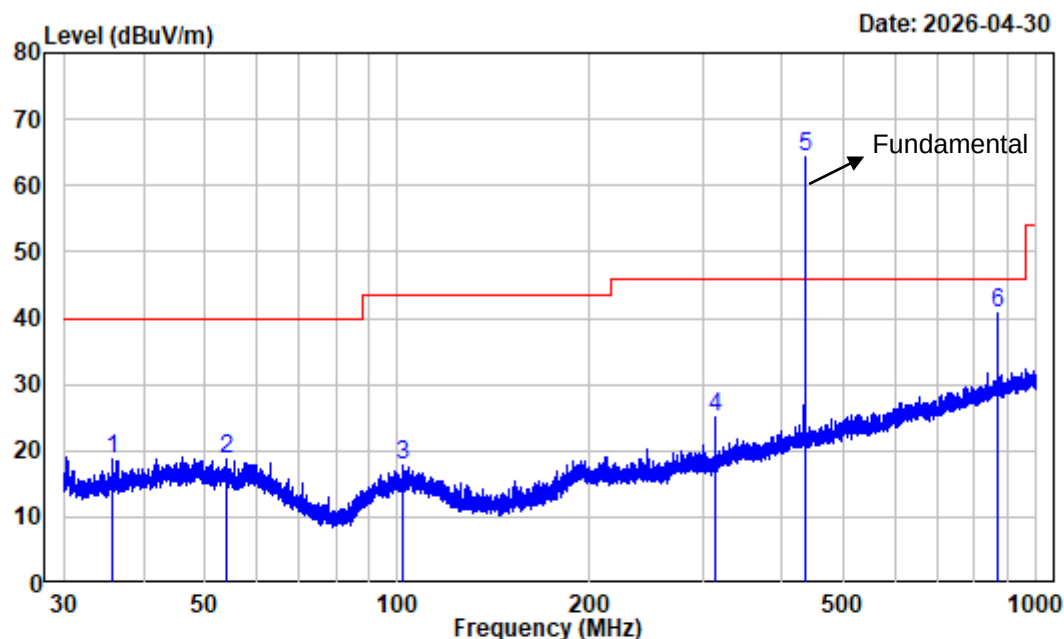
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.012	35.09	22.65	57.74	126.27	-68.53	Peak
2	0.017	32.77	22.32	55.09	123.05	-67.96	Peak
3	0.024	29.60	24.28	53.88	119.99	-66.11	Peak
4	0.049	23.02	19.56	42.58	113.81	-71.23	Peak
5	0.087	17.75	20.35	38.10	108.77	-70.67	Peak
6	0.118	15.63	21.09	36.72	106.18	-69.46	Peak



Site : chamber
Condition : 3m
Job No. : 2504Z02574E-RF
Polarization : Parallel Tester: Jayden Luo
Test Mode : Transmitting
Receiver Setting: RBW:10kHz VBW:30kHz

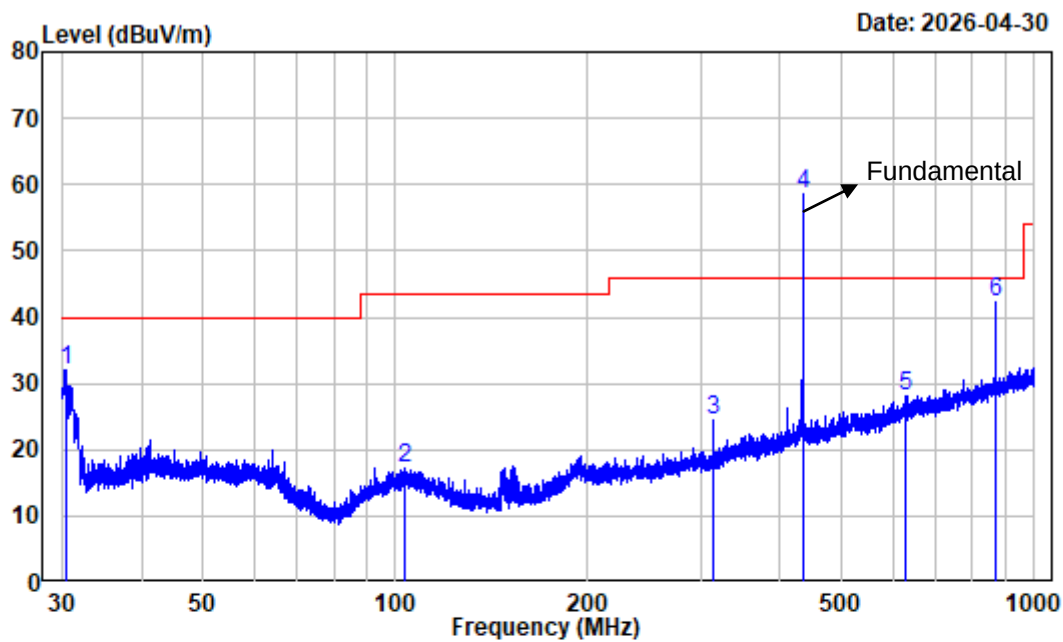
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1.197	-2.53	54.74	52.21	65.88	-13.67	Peak
2	2.133	-5.44	59.07	53.63	69.54	-15.91	Peak
3	3.399	-6.02	63.37	57.35	69.54	-12.19	Peak
4	6.252	-6.16	40.43	34.27	69.54	-35.27	Peak
5	10.452	-5.24	38.02	32.78	69.54	-36.76	Peak
6	13.989	-4.28	33.37	29.09	69.54	-40.45	Peak

30MHz~1GHz:



Site : chamber
Condition : 3m HORIZONTAL
Job No. : 2504Z02574E-RF Tester: Jayden Luo
Test Mode : Transmitting
Receiver Setting: RBW:100kHz VBW:300kHz

	Freq	Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	35.749	-11.50	30.09	18.59	40.00	-21.41	Peak
2	54.047	-10.44	29.25	18.81	40.00	-21.19	Peak
3	101.689	-11.28	28.96	17.68	43.50	-25.82	Peak
4	315.066	-8.61	33.82	25.21	46.00	-20.79	Peak
5	433.920	-4.88	69.05	64.17	100.83	-36.66	Peak
6	867.840	1.28	39.54	40.82	80.83	-40.01	Peak



Site : chamber
Condition : 3m VERTICAL
Job No. : 2504Z02574E-RF Tester: Jayden Luo
Test Mode : Transmitting
Receiver Setting: RBW:100kHz VBW:300kHz

Freq Factor		Read Level	Limit Level	Over Limit	Remark	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	30.410	-11.85	43.98	32.13	40.00	-7.87 Peak
2	103.397	-11.20	28.42	17.22	43.50	-26.28 Peak
3	314.928	-8.62	32.97	24.35	46.00	-21.65 Peak
4	433.920	-4.88	63.35	58.47	100.83	-42.36 Peak
5	630.029	-1.70	29.70	28.00	46.00	-18.00 Peak
6	867.840	1.28	40.87	42.15	80.83	-38.68 Peak

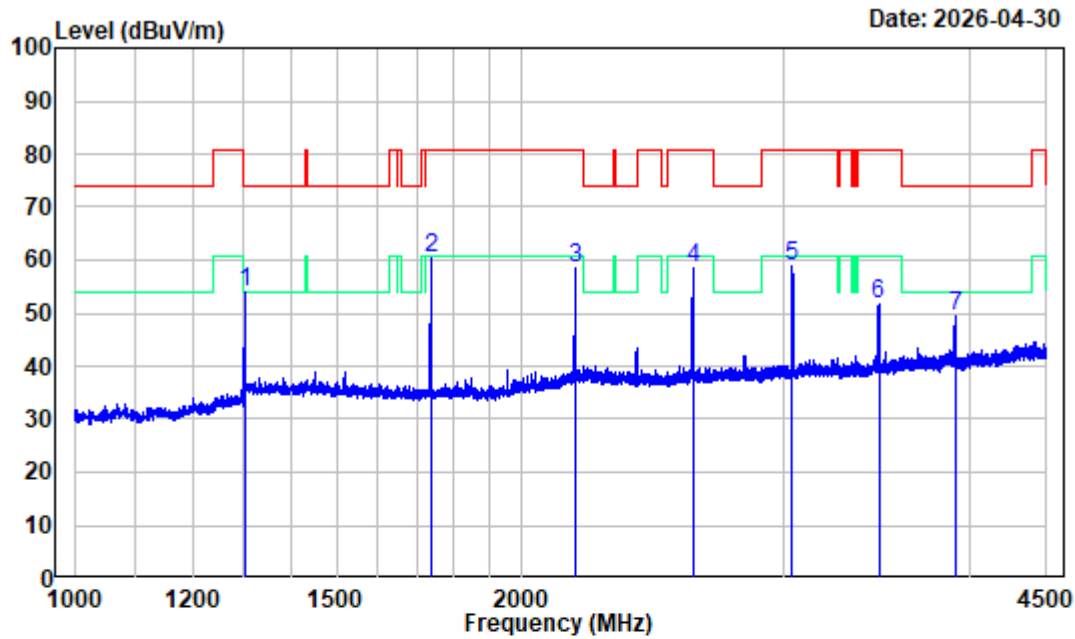
1GHz-4.5GHz

Environmental Conditions

Temperature:	24 °C
Relative Humidity:	56 %
ATM Pressure:	100.7 kPa
Test Engineer:	Max Tao
Test Date:	2026-04-30
EUT Operation Mode:	Transmitting

Test Result: Compliance, please refer to the below data.

433.92MHz 1GHz-4.5GHz_HORIZONTAL



Site : chamber

Condition : 3m HORIZONTAL

Project No.: 2504Z02574E-RF

Test Mode : Transmitting

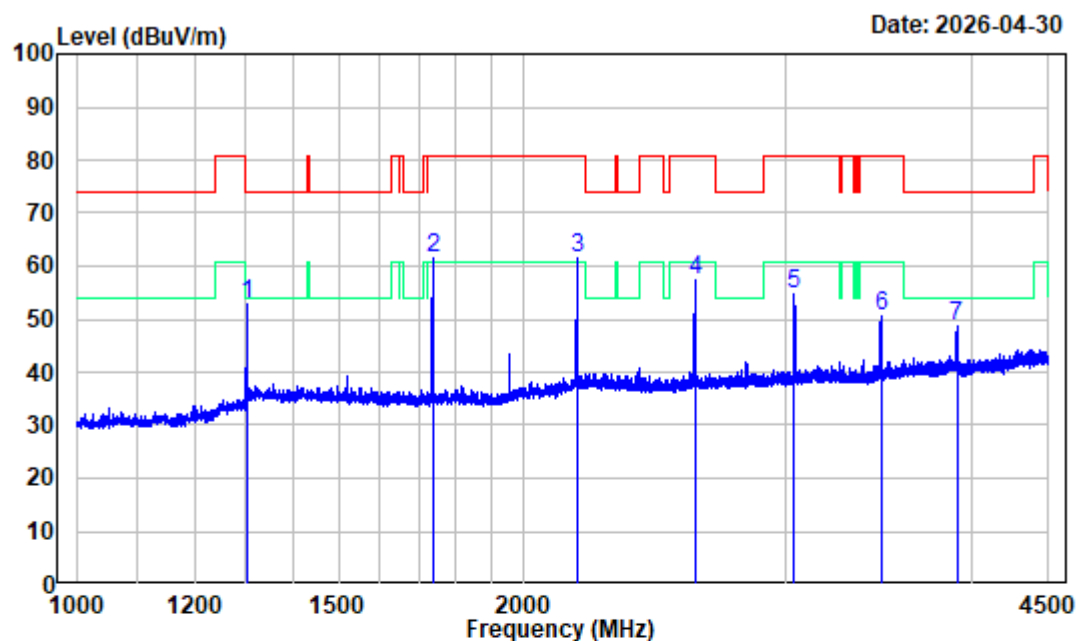
Note : 433.92MHz

SA setting : Peak:RBW:1MHz,VBW:3MHz

Tester:Max Tao

	Freq	Factor	Read Level	Limit Level	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	1301.875	-12.74	66.57	53.83	74.00	-20.17 Peak
2	1735.875	-13.28	73.50	60.22	80.83	-20.61 Peak
3	2169.875	-10.32	68.94	58.62	80.83	-22.21 Peak
4	2603.875	-10.52	69.16	58.64	80.83	-22.19 Peak
5	3037.438	-9.79	68.68	58.89	80.83	-21.94 Peak
6	3471.438	-9.61	61.44	51.83	80.83	-29.00 Peak
7	3905.875	-8.23	57.48	49.25	74.00	-24.75 Peak

433.92MHz 1GHz-4.5GHz_VERTICAL



Site : chamber

Condition : 3m VERTICAL

Project No.: 2504Z02574E-RF

Test Mode : Transmitting

Tester:Max Tao

Note : 433.92MHz

SA setting : Peak:RBW:1MHz,VBW:3MHz

	Freq Factor		Read	Limit	Over	Remark
	MHz	dB/m	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	1301.875	-12.74	65.58	52.84	74.00	-21.16 Peak
2	1735.875	-13.28	74.74	61.46	80.83	-19.37 Peak
3	2169.875	-10.32	71.77	61.45	80.83	-19.38 Peak
4	2603.875	-10.52	67.88	57.36	80.83	-23.47 Peak
5	3037.438	-9.79	64.49	54.70	80.83	-26.13 Peak
6	3471.875	-9.61	60.26	50.65	80.83	-30.18 Peak
7	3905.438	-8.22	56.78	48.56	74.00	-25.44 Peak

Field Strength of Average							
Frequency (MHz)	Peak Measurement @3m (dBμV/m)	Polar (H/V)	Duty Cycle Correction Factor (dB)	Corrected Amplitude (dBμV/m)	Part 15.231		
					Limit (dBμV/m)	Margin (dB)	Comment
433.92MHz							
1301.875	53.83	H	-1.71	52.12	54	-1.88	Harmonic
1301.875	52.84	V	-1.71	51.13	54	-2.87	Harmonic
1735.875	60.22	H	-1.71	58.51	60.83	-2.32	Harmonic
1735.875	61.46	V	-1.71	59.75	60.83	-1.08	Harmonic
2169.875	58.62	H	-1.71	56.91	60.83	-3.92	Harmonic
2169.875	61.45	V	-1.71	59.74	60.83	-1.09	Harmonic
2603.875	58.64	H	-1.71	56.93	60.83	-3.9	Harmonic
2603.875	57.36	V	-1.71	55.65	60.83	-5.18	Harmonic
3037.438	58.89	H	-1.71	57.18	60.83	-3.65	Harmonic
3037.438	54.7	V	-1.71	52.99	60.83	-7.84	Harmonic
3471.438	51.83	H	-1.71	50.12	60.83	-10.71	Harmonic
3471.875	50.65	V	-1.71	48.94	60.83	-11.89	Harmonic
3905.875	49.25	H	-1.71	47.54	54	-6.46	Harmonic
3905.438	48.56	V	-1.71	46.85	54	-7.15	Harmonic

Note 1: Average Amplitude= Peak Measurement + Duty Cycle Factor
Margin= Average Corrected Amplitude-Limit

Note 2: Total on time=Ton1*N1+Ton2*N2+ Ton3*N3=13.5652*1+1.1739*6+0.7826*10=28.4346ms
Duty Cycle=(Total on time)/Tp=28.4346/34.638 =0.8209077=82.09%
Duty cycle Factor=20*log(Duty Cycle)=20*log(0.8209077)=-1.71

Note 3: The limit for signals falling within the following limit band is 500 μV/m.

- Conversion formula: $E(\text{dB}\mu\text{V/m})=20\log_{10}[500(\mu\text{V/m})]$
- Calculated result: 54 dBμV/m

Note 4: Radiated field strength for harmonic emissions Limit at 433.92 MHz: 1099.67 μV/m

- Conversion formula: $E(\text{dB}\mu\text{V/m})=20\log_{10}[1099.67(\mu\text{V/m})]$
- Calculated value: 60.83 dBμV/m

Duty Cycle

Environmental Conditions

Temperature:	23.1 °C
Relative Humidity:	42 %
ATM Pressure:	100.6 kPa
Test Engineer:	Cayde Hou
Test Date:	2026-05-09
EUT Operation Mode:	Transmitting / Receiving

Test Result: Compliance, please refer to the below data.

Subpulse	Ton Duration (ms)	Number of pulse (n)	Total on time (ms)	Period of the pulse train (ms)	Duty Cycle (%)
1	13.5652	1	28.43460	34.63800	82.09077
2	1.1739	6			
3	0.7826	10			
Duty cycle Factor(dB)		-1.71			

Note:

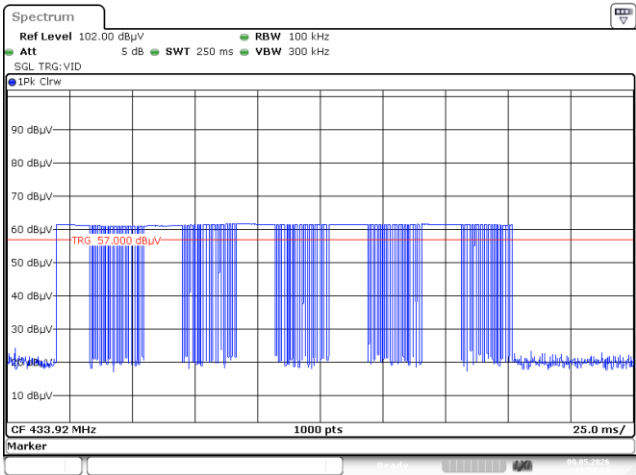
Total on time=Ton1*N1+Ton2*N2+ Ton3*N3

Duty Cycle=(Total on time)/Tp

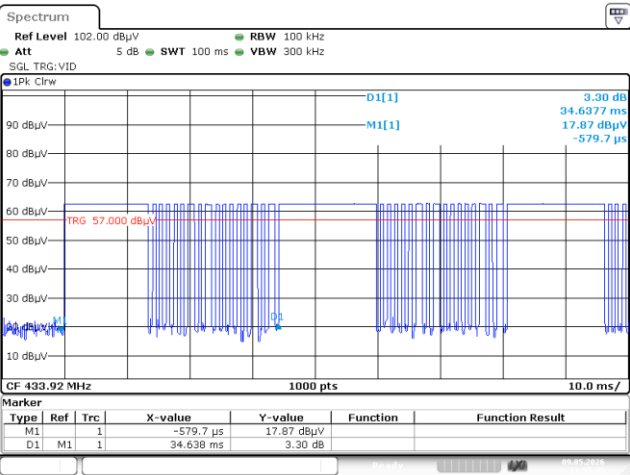
Duty cycle Factor=20*log(Duty Cycle)

1

Period of the pulse train



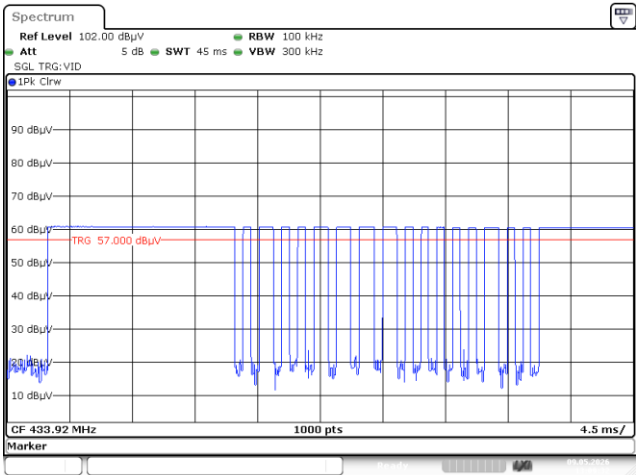
ProjectNo.:2504Z02574E-RF Tester:Cayde Hou
Date: 9.MAY.2026 11:52:52



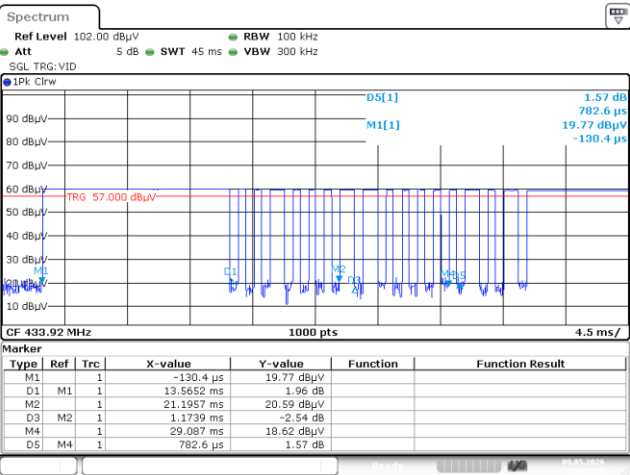
ProjectNo.:2504Z02574E-RF Tester:Cayde Hou
Date: 9.MAY.2026 11:55:45

Number of pulse

Ton Duration



ProjectNo.:2504Z02574E-RF Tester:Cayde Hou
Date: 9.MAY.2026 13:09:32



ProjectNo.:2504Z02574E-RF Tester:Cayde Hou
Date: 9.MAY.2026 13:05:26

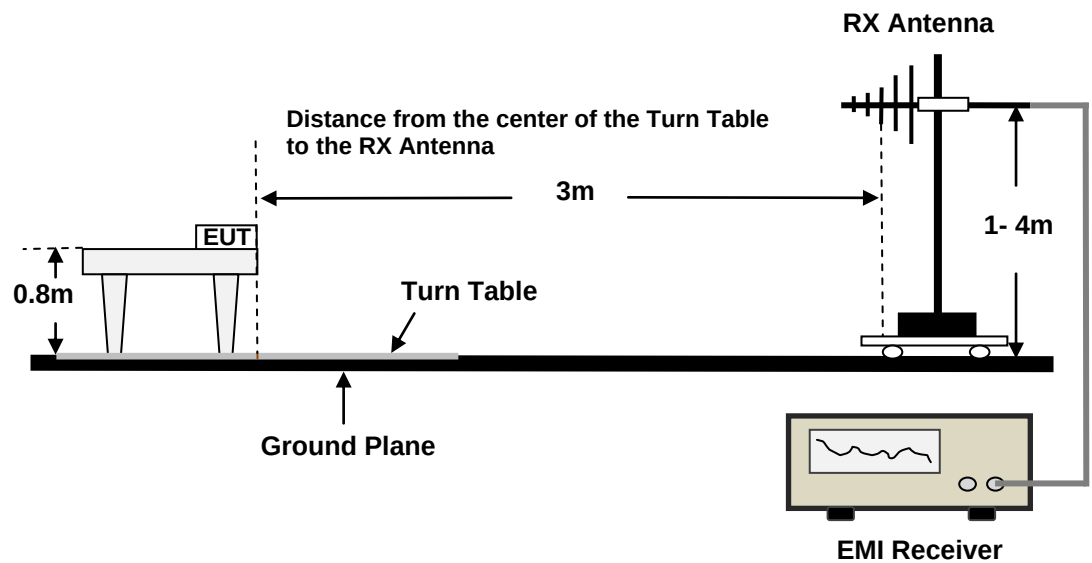
DEACTIVATION TESTING

Applicable Standard

According to FCC §15.231(a) (1), A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

Test Procedure

- 1. Set center frequency of spectrum analyzer=operating frequency.
- 2. Set the spectrum analyzer as RBW=100kHz/ VBW=300kHz/ Span=0Hz.
- 3. Repeat above procedures until all frequency measured was complete.



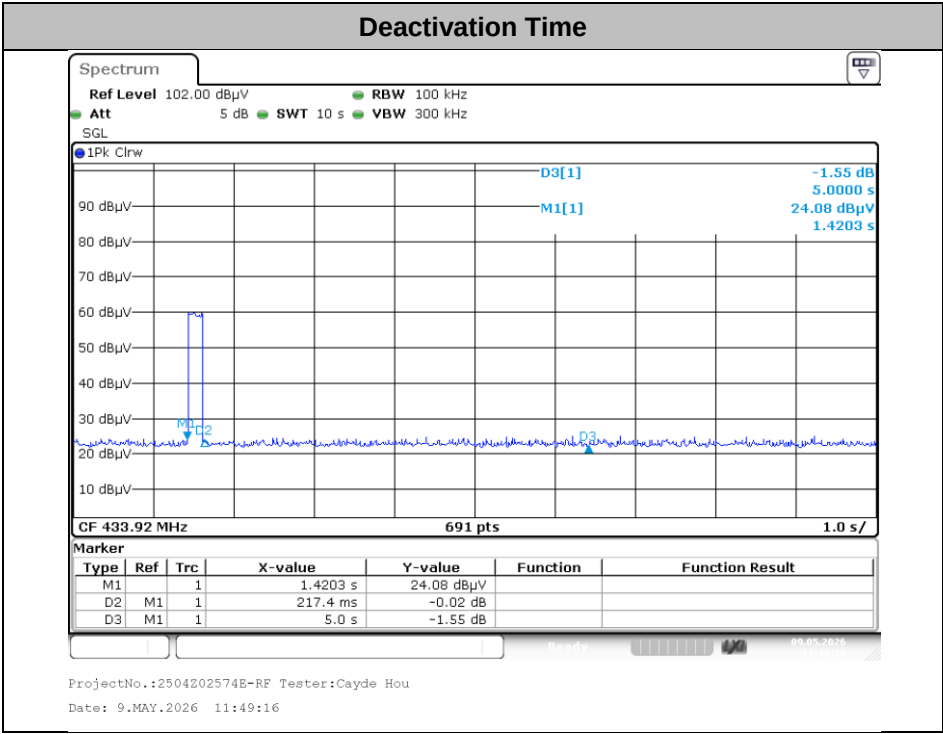
Test Data

Environmental Conditions

Temperature:	23.1 °C
Relative Humidity:	42 %
ATM Pressure:	100.6 kPa
Test Engineer:	Cayde Hou
Test Date:	2026-05-09
EUT Operation Mode:	Transmitting

Test Result: Compliance. This product will cease transmission within 5 seconds after activation.

Channel Frequency (MHz)	Deactivation Time (s)	Limit (s)
433.92	0.2174	≤5



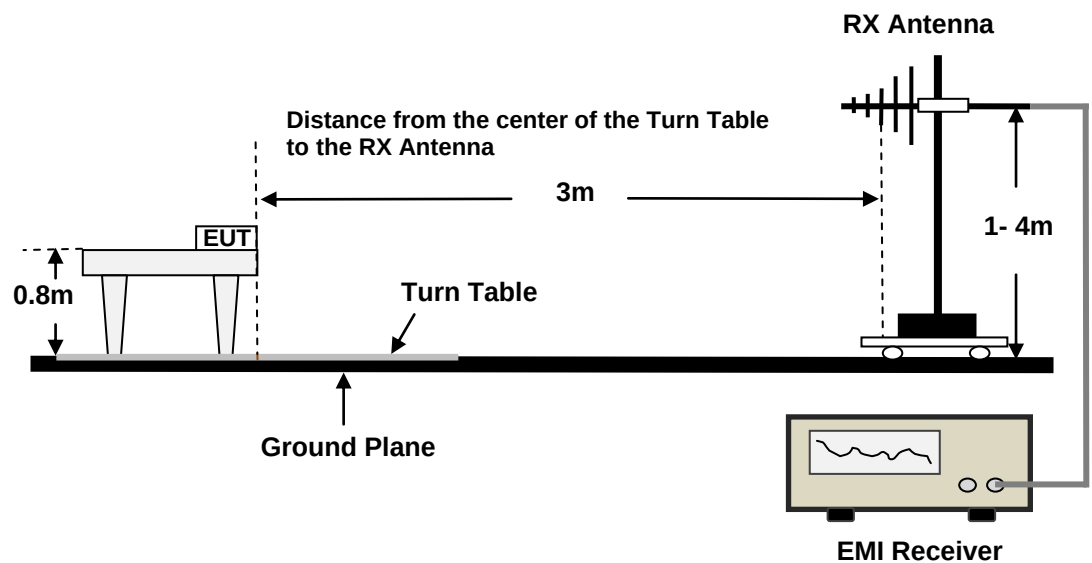
20 dB EMISSION BANDWIDTH

Applicable Standard

According to 15.231(c), The bandwidth of the emission shall be no wider than 0.25% of the center frequency for devices operating above 70 MHz and below 900 MHz. Bandwidth is determined at the points 20 dB down from the modulated carrier.

Test Procedure

The EUT is setting to the transmit mode, the waveform was received by the test antenna which was connected to the spectrum analyzer, plot the 20 dB bandwidth.



Test Data

Environmental Conditions

Temperature:	23.1 °C
Relative Humidity:	42 %
ATM Pressure:	100.6 kPa
Test Engineer:	Cayde Hou
Test Date:	2026-05-09
EUT Operation Mode:	Transmitting

Test Result: Compliance. Please refer to the data.

Channel Frequency (MHz)	20dB Bandwidth (kHz)	Limit (kHz)
433.92	10.71	1084.8

Note: Limit=Channel Frequency*0.25%

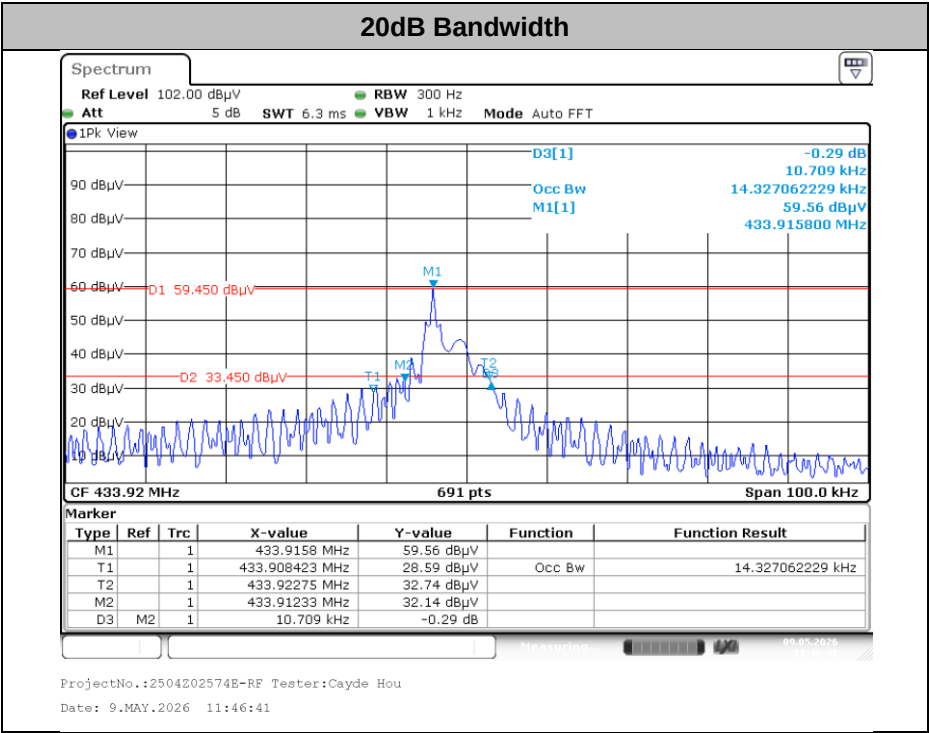


EXHIBIT A-EUT PHOTOGRAPHS

Please refer to the Attachment No.1 2504Z02574E-RF EUT External Photos and Attachment No.2 2504Z02574E-RF EUT Internal Photos.

EXHIBIT B-TEST SETUP PHOTOGRAPHS

Please refer to the Attachment No.3 2504Z02574E-RF Test Photos.

******* END OF REPORT *******