

CFR 47 FCC PART 15 SUBPART C

TEST REPORT

For

Remote control

MODEL NUMBER: LMY-TVRC-RF-14K

REPORT NUMBER: E04A26060165F00301

ISSUE DATE: July 21, 2026

FCC ID: 2BW3A-LMY-TVRC

Prepared for

**Ambitus International Limited
UNIT 1203, 12/F, CEO TOWER, 77 WING HONG STREET,
CHEUNG SHA WAN, KOWLOON**

Prepared by

Guangdong Global Testing Technology Co., Ltd.

**Room 101-105, 203-210, Building 1, No.2, Keji 8 Road, Songshan Lake Park,
Dongguan city, Guangdong, People's Republic of China, 523808**

**This report is based on a single evaluation of the submitted sample(s) of the above mentioned
Product, it does not imply an assessment of the production of the products.**

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	July 21, 2026	Initial Issue	

Summary of Test Results

Test Item	Limit/Requirement	Result
Antenna Requirement	FCC Part 15.203	Pass
AC Power Line Conducted Emission	FCC Part 15.207	N/A
20dB Bandwidth	FCC Part 15.231(c)	Pass
Transmission Time	FCC Part 15.231(a)	Pass
Radiated Emission	FCC Part 15.205/15.209 FCC Part 15.231(b)	Pass

*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.

*The measurement result for the sample received is <Pass> according to < CFR 47 FCC PART 15 SUBPART C > when <Accuracy Method> decision rule is applied.

CONTENTS

1. ATTESTATION OF TEST RESULTS.....	5
2. TEST METHODOLOGY.....	6
3. FACILITIES AND ACCREDITATION.....	6
4. CALIBRATION AND UNCERTAINTY	7
4.1. <i>MEASURING INSTRUMENT CALIBRATION</i>	<i>7</i>
4.2. <i>MEASUREMENT UNCERTAINTY.....</i>	<i>7</i>
5. EQUIPMENT UNDER TEST	8
5.1. <i>DESCRIPTION OF EUT</i>	<i>8</i>
5.2. <i>CHANNEL LIST</i>	<i>8</i>
5.3. <i>MAX FIELD STRENGTH</i>	<i>8</i>
5.4. <i>TEST CHANNEL CONFIGURATION.....</i>	<i>9</i>
5.5. <i>THE WORSE CASE POWER SETTING PARAMETER.....</i>	<i>9</i>
5.6. <i>DESCRIPTION OF AVAILABLE ANTENNAS</i>	<i>9</i>
5.7. <i>SUPPORT UNITS FOR SYSTEM TEST.....</i>	<i>9</i>
5.8. <i>SETUP DIAGRAM</i>	<i>10</i>
6. MEASURING EQUIPMENT AND SOFTWARE USED.....	11
7. ANTENNA PORT TEST RESULTS	13
7.1. <i>ON TIME AND DUTY CYCLE.....</i>	<i>13</i>
7.2. <i>20DB BANDWIDTH</i>	<i>16</i>
7.3. <i>TRANSMISSION TIME</i>	<i>18</i>
8. RADIATED TEST RESULTS.....	20
8.1. <i>RADIATED EMISSION</i>	<i>25</i>
9. ANTENNA REQUIREMENT	32

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Ambitus International Limited
Address: UNIT 1203, 12/F, CEO TOWER, 77 WING HONG STREET,
CHEUNG SHA WAN, KOWLOON

Manufacturer Information

Company Name: Gateway Lighting (Vietnam) Company Limited
Address: Land plot No. 3, Map sheet No. 64, Tien Hai Industrial Park, Tien
Hai Commune, Hung Yen Province, Vietnam

EUT Information

Product Description: Remote control
Model: LMY-TVRC-RF-14K
Series Model: /
Brand: LUMAWAY
Sample Received Date: June 27, 2026
Sample Status: Normal
Sample ID: A26060165 003
Date of Tested: June 27, 2026 to July 08, 2026

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 FCC PART 15 SUBPART C	Pass

Prepared By:



Ekko Wu

Project Engineer

Checked By:



Alan He

Laboratory Leader

Approved By:



Alan He

Laboratory Manager



2. TEST METHODOLOGY

All tests were performed in accordance with the standard CFR 47 FCC PART 15 SUBPART C

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	A2LA (Certificate No.: 6947.01) Guangdong Global Testing Technology Co., Ltd. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1343) Guangdong Global Testing Technology Co., Ltd. has been recognized to perform compliance testing on equipment subject to Supplier's Declaration of Conformity (SDoC) and Certification rules ISED (Company No.: 30714) Guangdong Global Testing Technology Co., Ltd. has been registered and fully described in a report filed with ISED. The Company Number is 30714 and the test lab Conformity Assessment Body Identifier (CABID) is CN0148.
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Note: All tests measurement facilities use to collect the measurement data are located at Room 101-105, 203-210, Building 1, No.2, Keji 8 Road, Songshan Lake Park, Dongguan city, Guangdong, People's Republic of China, 523808

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Items	k	Uncertainty
20dB Emission Bandwidth	1.96	±9.2 PPM
Conducted Output Power	1.96	±1.5 dB
Power Spectral Density Level	1.96	±1.9 dB
Conducted Spurious Emission	1.96	9 kHz-30 MHz: ± 0.95 dB 30 MHz-1 GHz: ± 1.5 dB 1GHz-12.75GHz: ± 1.8 dB 12.75 GHz-26.5 GHz: ± 2.1dB
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.		

Test Item	Measurement Frequency Range	K	U(dB)
Conducted emissions from the AC mains power ports (AMN)	150 kHz ~ 30 MHz	2	3.37
Radiated emissions	9 kHz ~ 30 MHz	2	4.16
Radiated emissions	30 MHz ~ 1 GHz	2	3.79
Radiated emissions	1 GHz ~ 18 GHz	2	5.62
Radiated emissions	18 GHz ~ 40 GHz	2	5.54
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.			

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name		Remote control
Model		LMY-TVRC-RF-14K
Series Model		/
Model Difference		/
Hardware Version		V1.0
Software Version		V1.0
Ratings		Battery 3V
Power Supply	Battery	3V

Frequency Band:	433.92 MHz
Frequency Range:	433.92 MHz
Type of Modulation:	OOK
Number of Channels:	1
Max field strength:	77.44 dB μ V/m
Antenna Type:	PCB Antenna
Antenna Gain:	0dBi
EUT Test software:	/
Note:	The Antenna Gain was provided by customer, and this information may affect the validity of the results, customer should be responsible for this.

5.2. CHANNEL LIST

Channel List							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	433.92	/	/	/	/	/	/

5.3. MAX FIELD STRENGTH

Frequency (MHz)	Channel Number	Max field strength (dB μ V/m)
433.92	1	77.44

5.4. TEST CHANNEL CONFIGURATION

Test Channel Number	Frequency
CH 1	433.92 MHz

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter			
Test Software		/	
Modulation Mode	Transmit Antenna Number	Test Channel	
		CH 1	
ASK/OOK	1	Default	

5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna	Frequency (MHz)	Antenna Type	MAX Antenna Gain (dBi)
1	433.92	PCB Antenna	0

Test Mode	Transmit and Receive Mode	Description
ASK/OOK	☒ 1TX	ANT 1 can be used as transmitting antenna.

Note: The value of the antenna gain was declared by customer.

5.7. SUPPORT UNITS FOR SYSTEM TEST

Equipment	Manufacturer	Model No.
/	/	/

5.8. SETUP DIAGRAM

Radiated Emission:



6. MEASURING EQUIPMENT AND SOFTWARE USED

Test Equipment of Radiated emissions below 1GHz					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
3m Semi-anechoic Chamber	ETS	9m*6m*6m	Q2146	2025/08/23	2026/08/22
EMI Test Receiver	Rohde & Schwarz	ESCI3	101144	2025/08/23	2026/08/22
Pre-Amplifier	HzEMC	HPA-9K0130	HYP A21001	2025/08/23	2026/08/22
Biconilog Antenna	Schwarzbeck	VULB 9168	01315	2022/10/10	2025/10/09
Biconilog Antenna	ETS	3142E	00243651	2025/02/22	2028/02/21
Loop Antenna	ETS	6502	00243668	2025/02/22	2028/02/21
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	103235	2025/08/25	2026/08/24
RF Cable	TIMES Microwave	LMR240UF-NMNM-14M	N/A	2025/08/23	2026/08/22
RF Cable	TIMES Microwave	HF205-NMNM-11.00M	N/A	2025/08/23	2026/08/22
RF Cable	JCT	JCT-06S-NJ-NJ-2.5M	N/A	2025/08/23	2026/08/22
Test Software	Farad	EZ-EMC (Ver.FA-03A2 RE)	N/A	N/A	N/A

Test Equipment of Radiated emissions above 1GHz					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
3m Semi-anechoic Chamber	ETS	9m*6m*6m	Q2149	2025/08/23	2026/08/22
Spectrum Analyzer	Rohde & Schwarz	FSV40	101413	2025/08/23	2026/08/22
Pre-Amplifier	HzEMC	HPA-1G1850	HYP A21003	2025/08/23	2026/08/22
Horn antenna	ETS	3117	00246069	2025/02/22	2028/02/21
Pre-Amplifier	HzEMC	HPA-184057	HYP A21004	2025/08/23	2026/08/22
Horn antenna	ETS	3116C	00246265	2025/02/22	2028/02/21
RF Filter Bank	HzEMC	HSW-F18	HSWF2218E01	2025/08/23	2026/08/22
RF Filter Bank	HzEMC	HPF18	HPF2218E02	2025/08/23	2026/08/22
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	103235	2025/08/25	2026/08/24
RF Cable	TIMES Microwave	HF205-NMNM-7.00M	N/A	2025/08/23	2026/08/22
RF Cable	TIMES Microwave	HF205-NMNM-2.50M	N/A	2025/08/23	2026/08/22
Test Software	Farad	EZ-EMC (Ver.FA-03A2 RE+)	N/A	N/A	N/A

Test Equipment of Conducted emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Shielded Room	CHENG YU	8m*5m*4m	N/A	2025/08/23	2026/08/22
EMI Test Receiver	Rohde & Schwarz	ESR3	102647	2025/08/23	2026/08/22
LISN/AMN	Rohde & Schwarz	ENV216	102843	2025/08/23	2026/08/22
NNLK 8129 RC	Schwarzbeck	NNLK 8129 RC	5046	2025/08/23	2026/08/22
Wideband Radio Communication Tester	Rohde & Schwarz	CMW500	103235	2025/08/25	2026/08/24
Test Software	Farad	EZ-EMC (Ver. EMC-con-3A1 1+)	N/A	N/A	N/A

7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

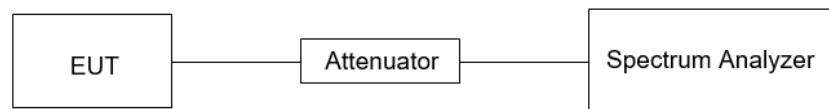
LIMITS

None; for reporting purposes only.

TEST PROCEDURE

Refer to ANSI C63.10-2013 Zero – Span Spectrum Analyzer method.

TEST SETUP



TEST ENVIRONMENT

Temperature	23.5°C	Relative Humidity	56%
Atmosphere Pressure	101kPa		

TEST RESULTS

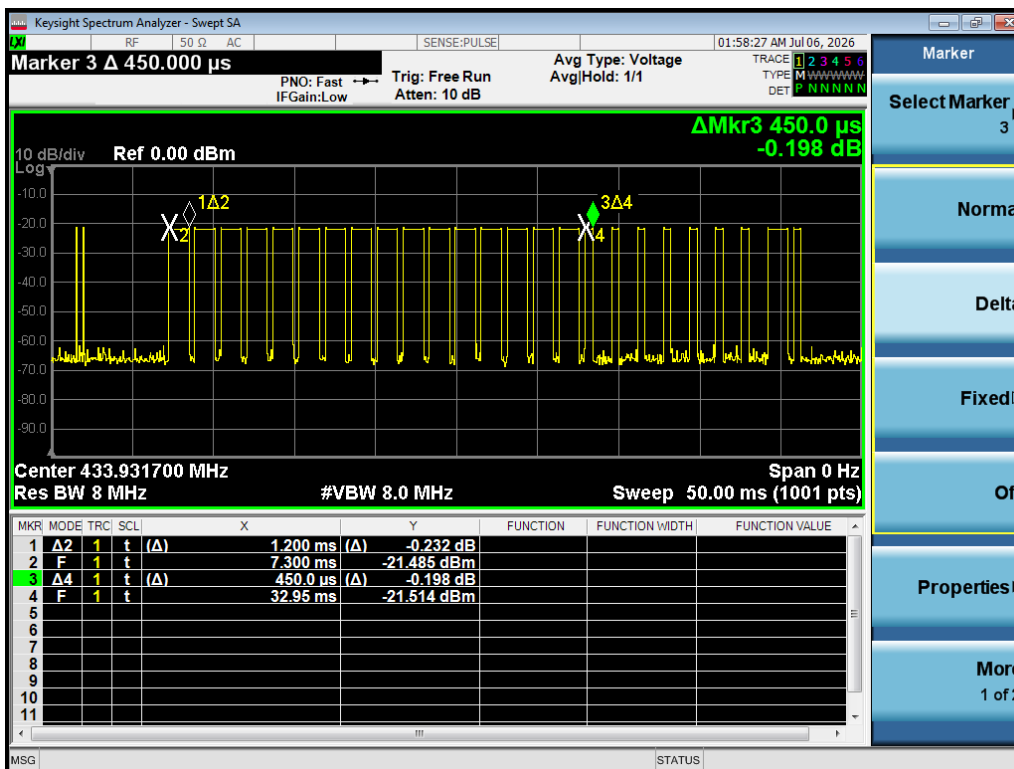
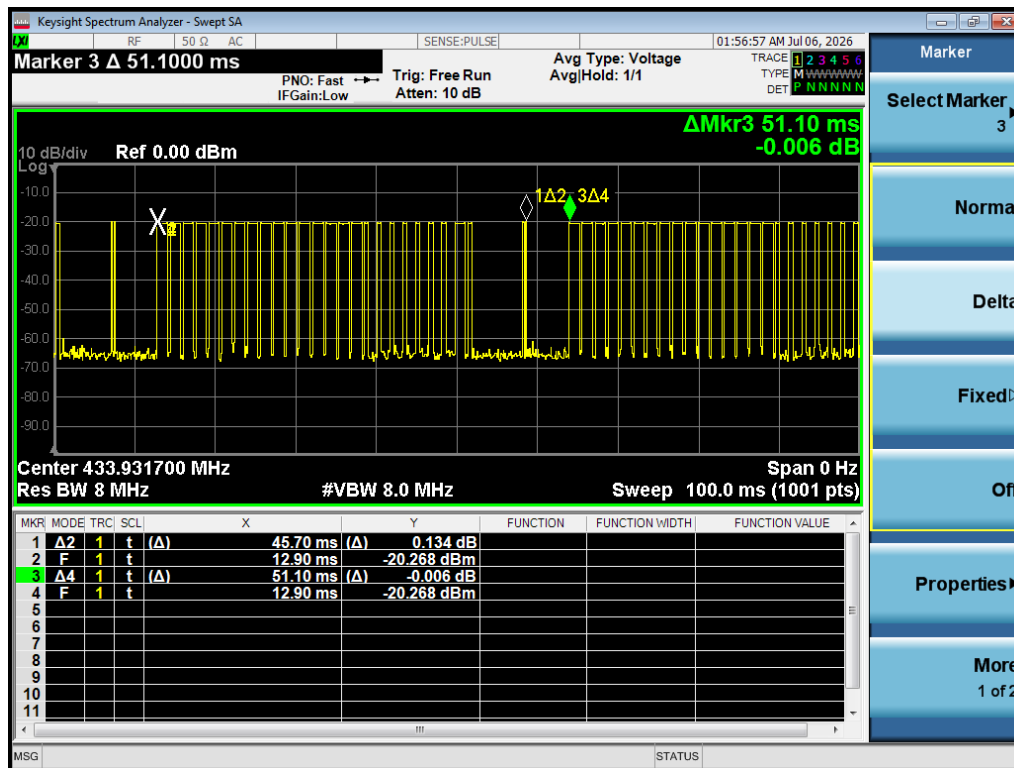
On Time (msec)	Period (msec)	Duty Cycle (%)	Duty Cycle Correction Factor (db)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
24.006	51.10	46.98	-6.56	0.042	1

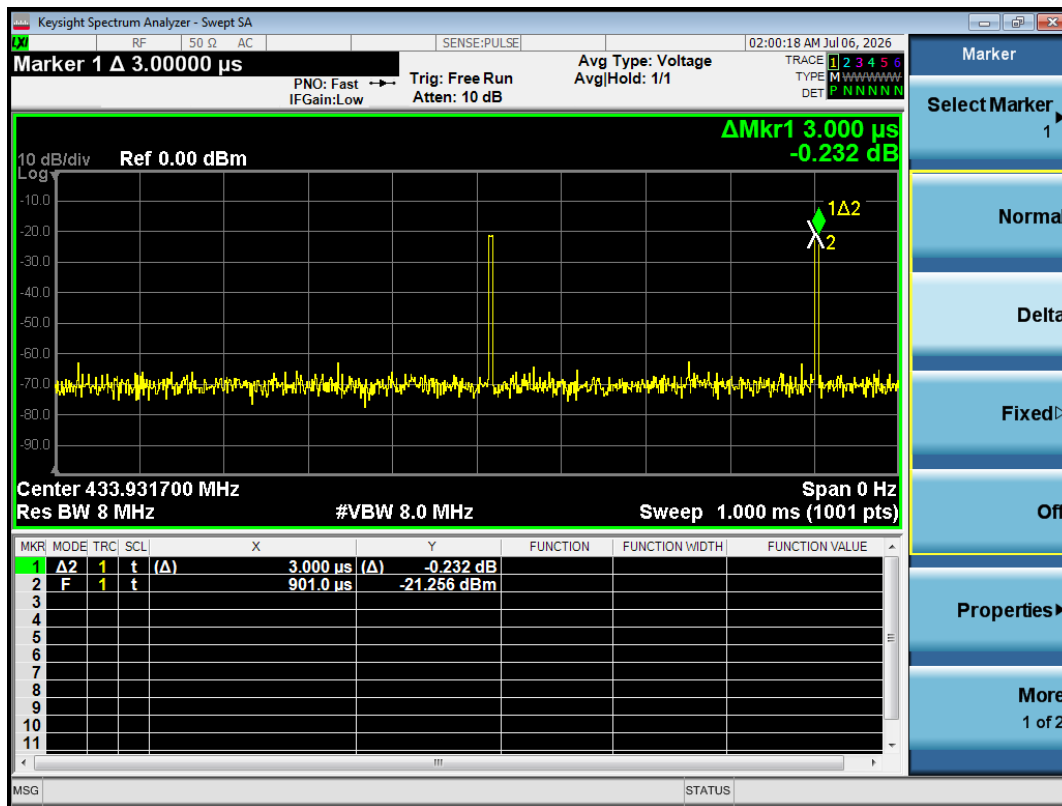
Note:

Duty Cycle Correction Factor=20log(Duty Cycle).

Period Time=51.10ms

On Time=((1.2*17)+(0.45*8)+ (0.003*2)) =24.006ms





7.2. 20DB BANDWIDTH

LIMITS

CFR 47 FCC Part15 (15.231) Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
CFR 47 FCC 15.231(a)(2)	20 dB Bandwidth	$\leq 1084.8\text{kHz}$	433.92
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. For devices operating above 900 MHz, the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20 dB down from the modulated carrier.			

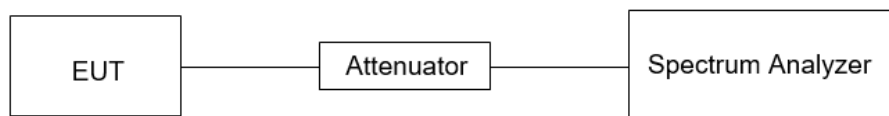
TEST PROCEDURE

Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Frequency Span	Approximately 2 to 3 times the 20dB bandwidth
Detector	Peak
RBW	1 % to 5 % of the 20 dB bandwidth
VBW	approximately $3 \times \text{RBW}$
Trace	Max hold
Sweep	Auto couple

a) Use the occupied bandwidth function of the instrument, allow the trace to stabilize and report the measured 20 dB Bandwidth.

TEST SETUP

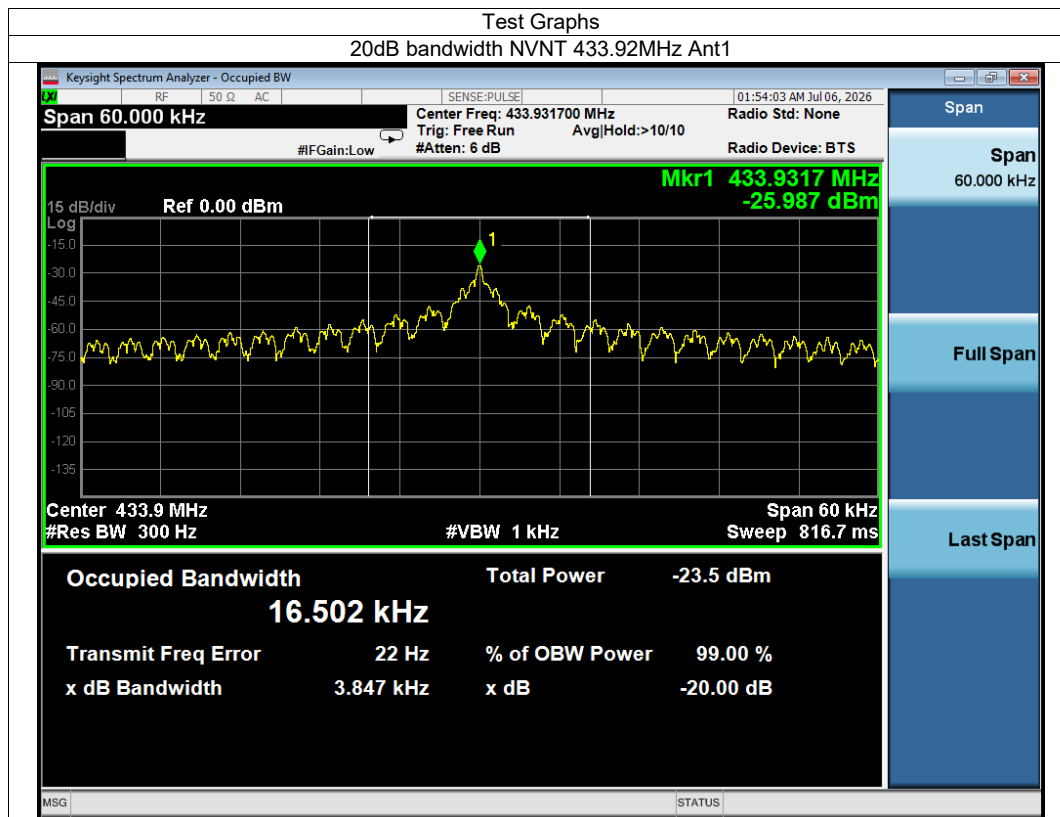


TEST ENVIRONMENT

Temperature	23.5°C	Relative Humidity	56%
Atmosphere Pressure	101kPa		

TEST RESULTS

Frequency (MHz)	20dB bandwidth (kHz)	Limit (kHz)	Result
433.92	3.847	≤1084.8	Pass



7.3. TRANSMISSION TIME

LIMITS

CFR 47 FCC Part15 (15.231) Subpart C		
Section	Test Item	Limit
FCC Part 15.231(a)	Transmission Time	A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

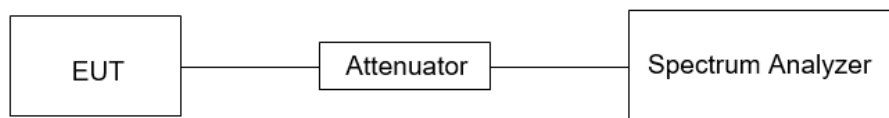
TEST PROCEDURE

Connect the EUT to the spectrum analyser and use the following settings:

Center Frequency	The center frequency of the channel under test
Detector	PEAK
RBW	8MHz
VBW	8MHz
Span	0Hz
Sweep time	Auto couple

Allow trace to fully stabilize and record value.

TEST SETUP

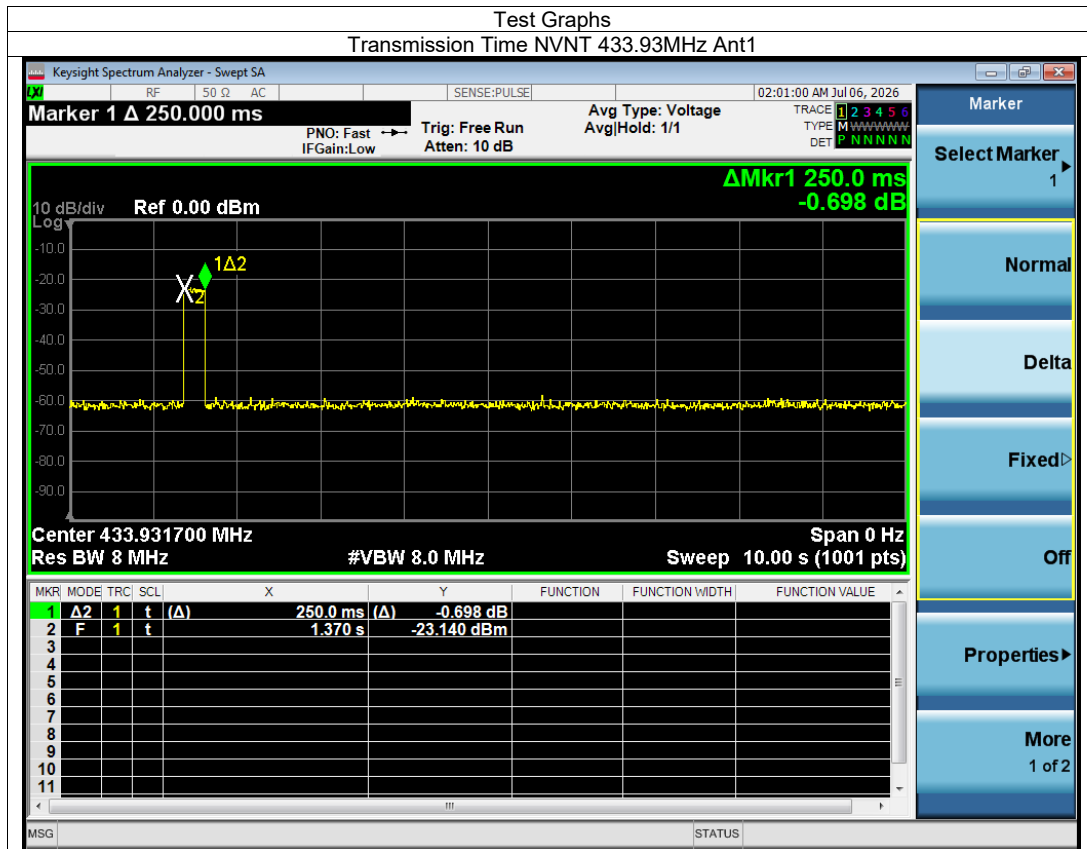


TEST ENVIRONMENT

Temperature	23.5°C	Relative Humidity	56%
Atmosphere Pressure	101kPa		

TEST RESULTS

Frequency (MHz)	TRANSMISSION TIME (s)	Limit (s)	Result
433.92	see test graph	≤5	Pass



8. RADIATED TEST RESULTS

LIMITS

Please refer to CFR 47 FCC §15.231(b)

Fundamental frequency (MHz)	Field strength of fundamental (microvolts/meter)	Field strength of spurious emission (microvolts/meter)
40.66-40.70	2,250	225
70-130	1,250	125
130-174	¹ 1,250 to 3,750	¹ 125 to 375
174-260	3,750	375
260-470	¹ 3,750 to 12,500	¹ 375 to 1,250
Above 470	12,500	1,250

Note: 1. Linear interpolations.

Please refer to CFR 47 FCC §15.205 and §15.209.

FCC Emissions radiated outside of the specified frequency bands below 30 MHz		
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30

TEST PROCEDURE

Below 30 MHz

The setting of the spectrum analyser

RBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
VBW	200 Hz (From 9 kHz to 0.15 MHz)/ 9 kHz (From 0.15 MHz to 30 MHz)
Sweep	Auto

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.4.
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both Horizontal, Face-on and Face-off polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.

5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz Radiated emission limits in these three bands are based on measurements employing an average detector.
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak and average detector and reported.
7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.
8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency X KHz resulted in a level of Y dBuV/m, which is equivalent to $Y - 51.5 = Z$ dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

Below 1 GHz and above 30 MHz

The setting of the spectrum analyser

RBW	120 kHz
VBW	300 kHz
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.5.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 80 cm above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

Above 1G

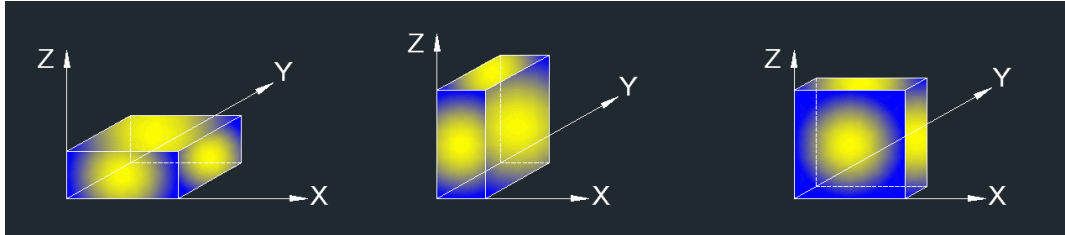
The setting of the spectrum analyzer

RBW	1 MHz
-----	-------

VBW	PEAK: 3 MHz AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

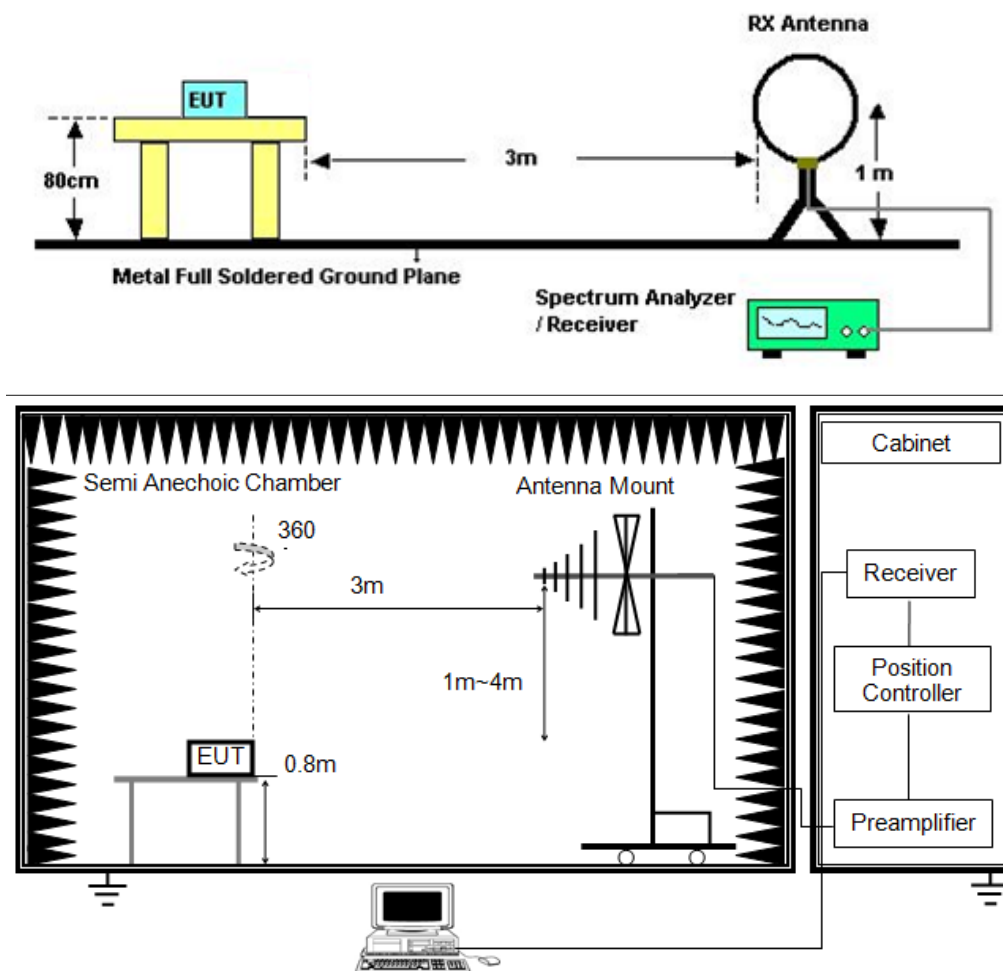
1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.6.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5 m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1 GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1.ON TIME AND DUTY CYCLE.

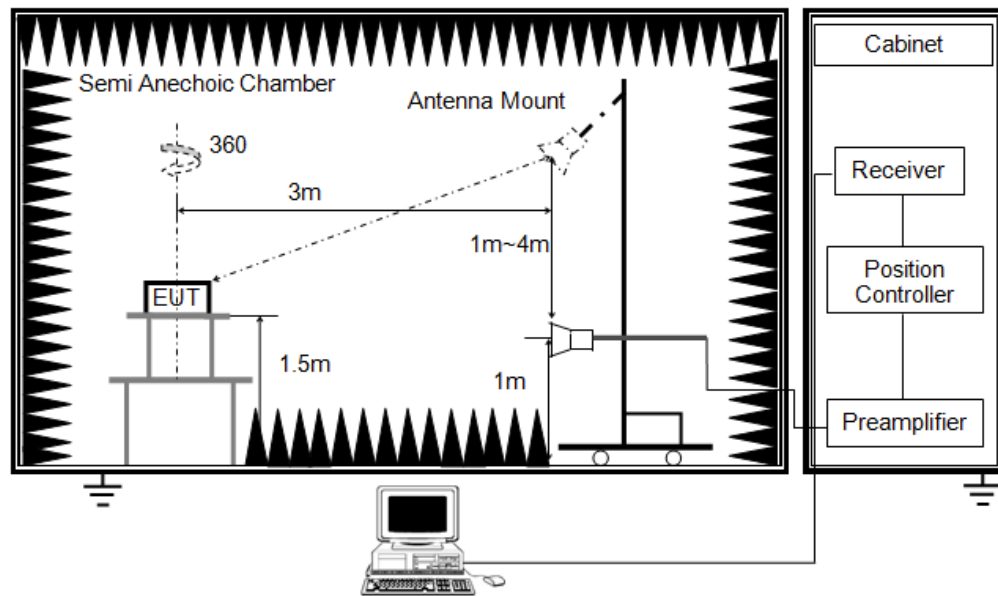
X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

TEST SETUP





TEST ENVIRONMENT

Temperature	22.2°C	Relative Humidity	51%
Atmosphere Pressure	101kPa		

TEST RESULTS

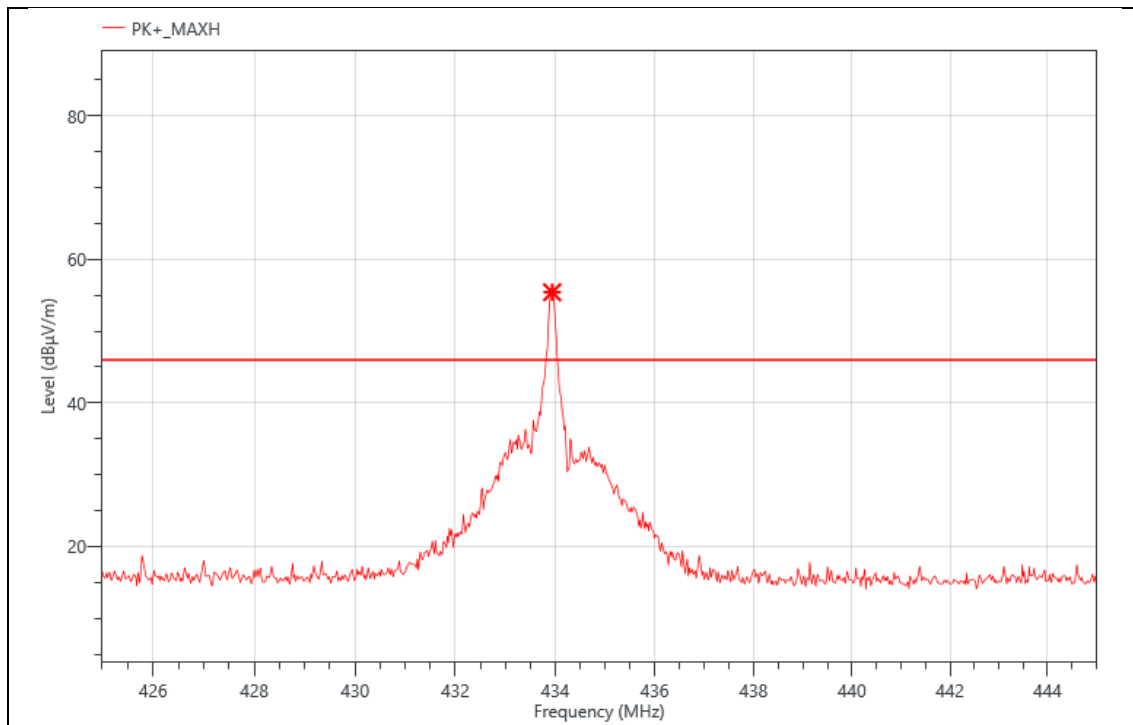
Please refer to section 8.1.

8.1. RADIATED EMISSION

Field Strength of fundamental frequency

Mode:	433.92
Power:	DC 3V
TE:	Berny
Date	2026/07/3
T/A/P	22.2°C/51%/101Kpa

Test Standard	FCC Part 15 C 3m				
Instrument	Device	Band	Detector	RBW	Time
ESCI 3	3142E-RX	425 MHz-445 MHz	PK+	100 kHz	Auto



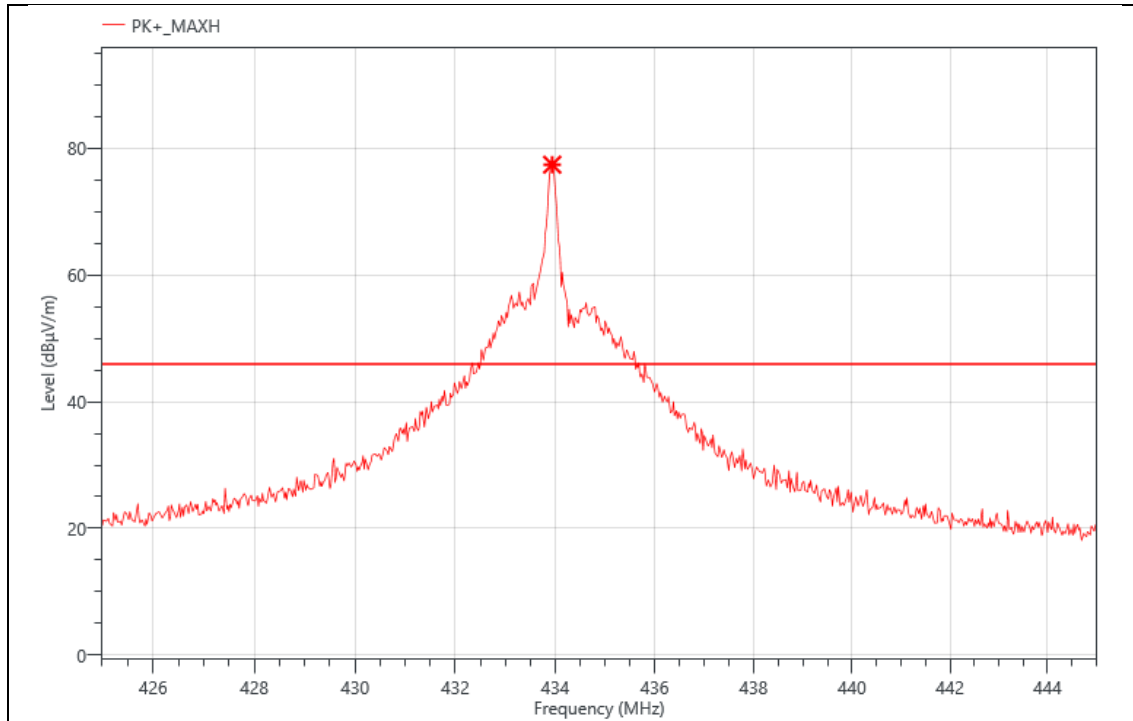
Critical_Freqs

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Det.	Pol.
1	433.940	69.41	-13.99	55.42	PK+	V

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

Mode:	433.92
Power:	DC 3V
TE:	Berny
Date	2026/07/3
T/A/P	22.2°C/51%/101Kpa

Test Standard	FCC Part 15 C 3m				
Instrument	Device	Band	Detector	RBW	Time
ESCI 3	3142E-RX	425 MHz-445 MHz	PK+	100 kHz	Auto



Critical_Freqs

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Det.	Pol.
1	433.940	91.43	-13.99	77.44	PK+	H

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

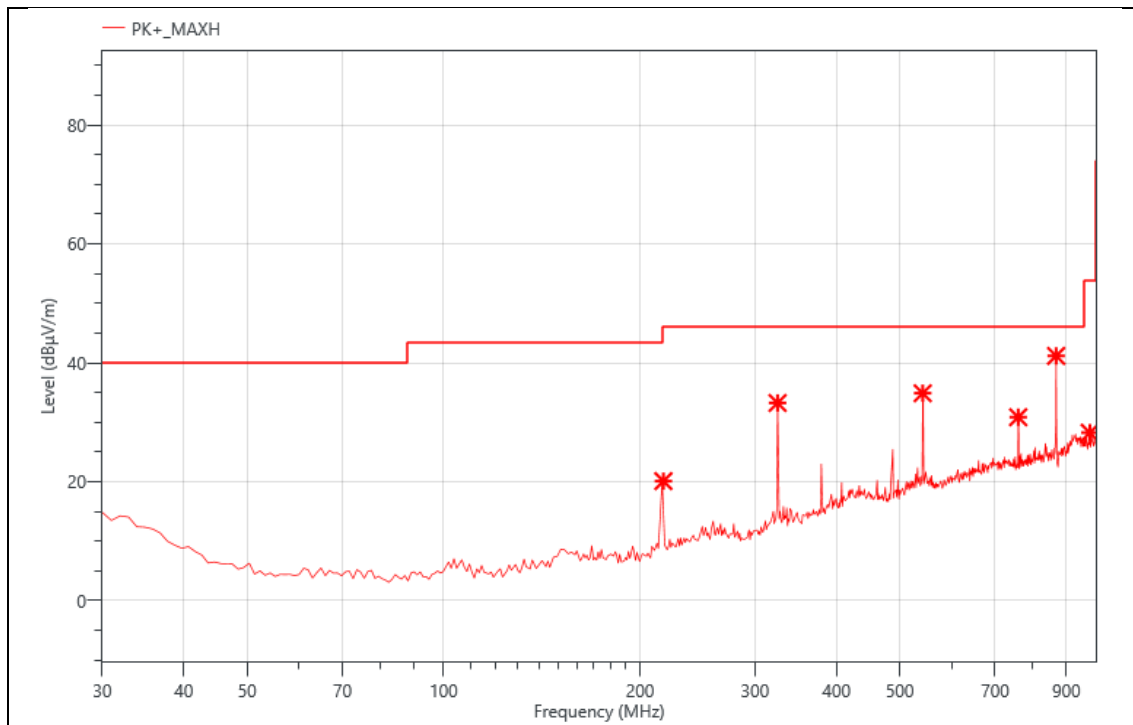
Note:

1. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

Radiated Spurious Emission

Mode:	433.92
Power:	DC 3V
TE:	Berny
Date	2026/07/3
T/A/P	22.2°C/51%/101Kpa

Test Standard	FCC Part 15 C 3m				
Instrument	Device	Band	Detector	RBW	Time
ESCI 3	3142E-RX	30 MHz-1 GHz	PK+	100 kHz	Auto

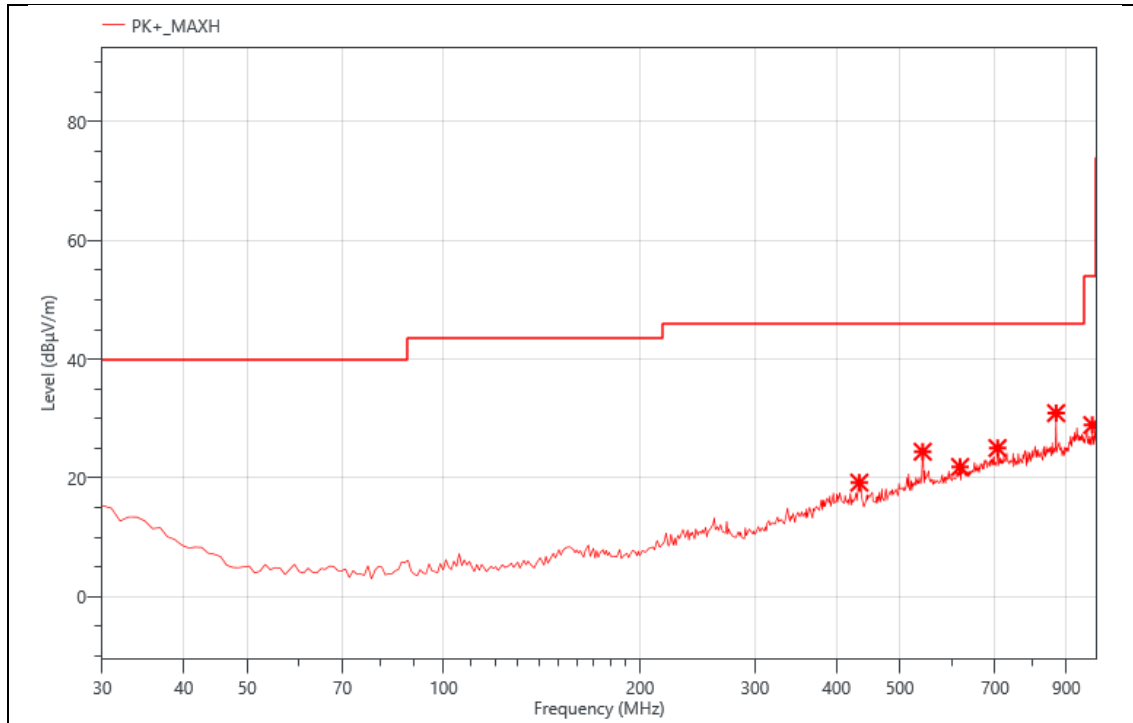
**Critical_Freqs**

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.
1	217.210	40.78	-20.67	20.11	46.00	25.89	PK+	H
2	324.880	50.48	-17.24	33.24	46.00	12.76	PK+	H
3	542.160	44.75	-9.87	34.88	46.00	11.12	PK+	H
4	759.440	37.77	-6.91	30.86	46.00	15.14	PK+	H
5	868.080	45.87	-4.71	41.16	46.00	4.84	PK+	H
6	977.690	30.92	-2.67	28.25	53.90	25.65	PK+	H

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

Mode:	433.92
Power:	DC 3V
TE:	Berny
Date	2026/07/3
T/A/P	22.2°C/51%/101Kpa

Test Standard	FCC Part 15 C 3m				
Instrument	Device	Band	Detector	RBW	Time
ESCI 3	3142E-RX	30 MHz-1 GHz	PK+	100 kHz	Auto



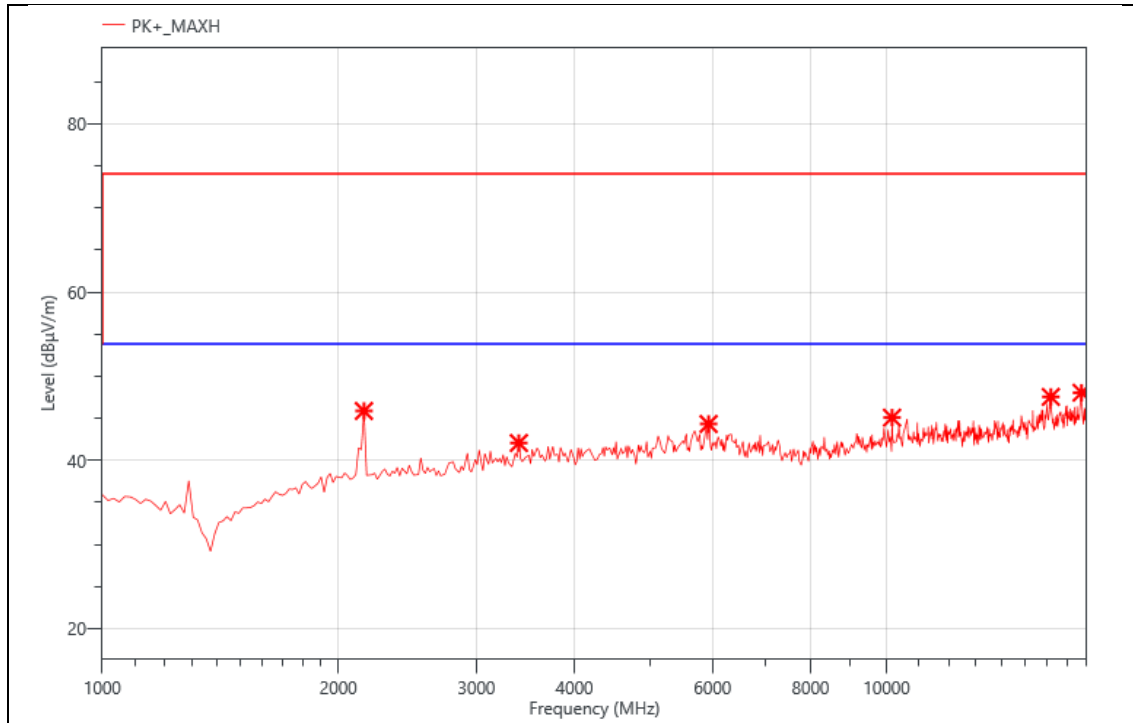
Critical_Freqs

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.
1	433.520	33.19	-13.98	19.21	46.00	26.79	PK+	V
2	542.160	34.29	-9.87	24.42	46.00	21.58	PK+	V
3	618.790	30.81	-8.96	21.85	46.00	24.15	PK+	V
4	706.090	31.86	-6.83	25.03	46.00	20.97	PK+	V
5	868.080	35.63	-4.71	30.92	46.00	15.08	PK+	V
6	986.420	31.47	-2.56	28.91	53.90	24.99	PK+	V

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

Mode:	433.92
Power:	DC 3V
TE:	Berny
Date	2026/07/3
T/A/P	22.2°C/51%/101Kpa

Test Standard	FCC Part 15 C 3m				
Instrument	Device	Band	Detector	RBW	Time
FSV	Ant-3117-	1 GHz-18 GHz	PK+	1 MHz	Auto



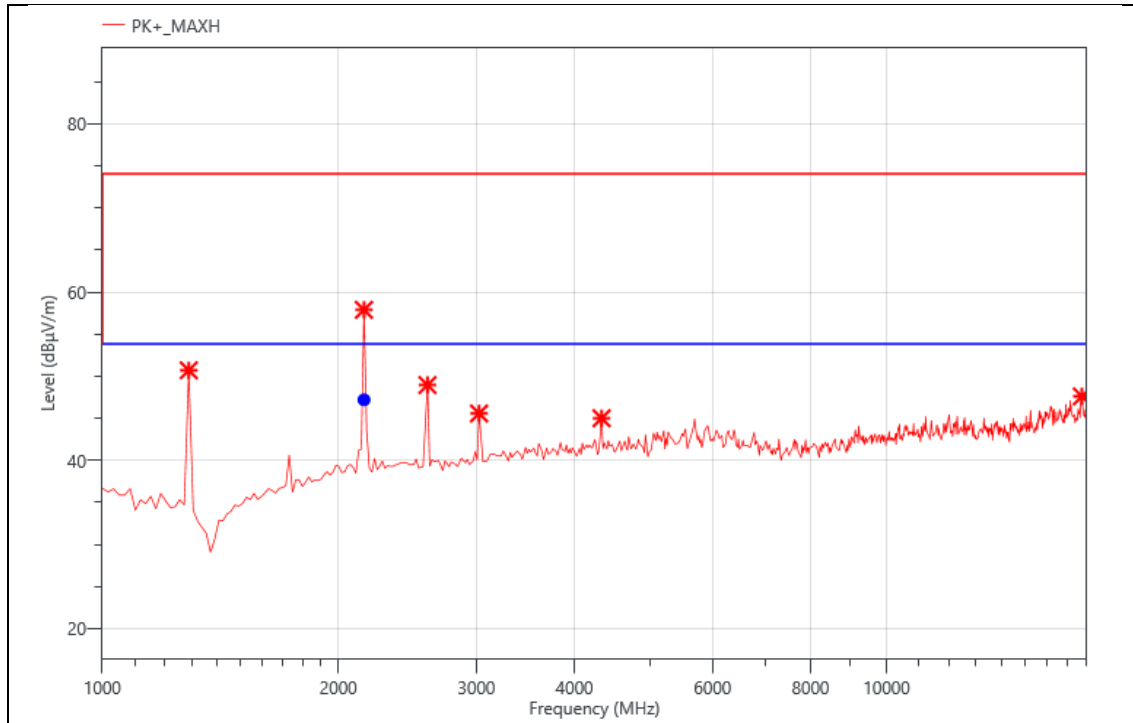
Critical_Freqs

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.
1	2156.000	63.86	-17.98	45.88	74.00	28.12	PK+	V
2	3397.000	56.50	-14.43	42.07	74.00	31.93	PK+	V
3	5930.000	52.85	-8.52	44.33	74.00	29.67	PK+	V
4	10163.000	51.84	-6.76	45.08	74.00	28.92	PK+	V
5	16198.000	47.91	-0.36	47.55	74.00	26.45	PK+	V
6	17728.000	47.53	0.52	48.05	74.00	25.95	PK+	V

Note: [Margin=Limit-Meas.]; [Meas.=Reading+Corr.]

Mode:	433.92
Power:	DC 3V
TE:	Berny
Date	2026/07/3
T/A/P	22.2°C/51%/101Kpa

Test Standard	FCC Part 15 C 3m				
Instrument	Device	Band	Detector	RBW	Time
FSV	Ant-3117-	1 GHz-18 GHz	AVG	1 MHz	1 s



Critical_Freqs

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.
1	1289.000	73.50	-22.79	50.71	74.00	23.29	PK+	H
2	2156.000	75.88	-17.98	57.90	74.00	16.10	PK+	H
3	2598.000	65.93	-16.97	48.96	74.00	25.04	PK+	H
4	3023.000	61.12	-15.54	45.58	74.00	28.42	PK+	H
5	4332.000	57.24	-12.23	45.01	74.00	28.99	PK+	H
6	17745.000	47.07	0.54	47.61	74.00	26.39	PK+	H

Final_Result

No.	Freq. (MHz)	Reading (dBμV)	Corr. (dB)	Meas. (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Det.	Pol.	Verdict
1	2156.000	65.18	-17.98	47.20	53.90	6.70	AVG	H	PASS

Note:

1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

9. ANTENNA REQUIREMENT

REQUIREMENT

Please refer to RSS-Gen Issue 5 6.8

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.

DESCRIPTION

Pass

END OF REPORT