

TEST REPORT

Product : Toy Series
Trade mark : N/A
Model/Type reference : LZ031, LZ031A, LZ031B, LZ031C
Serial Number : N/A
Report Number : EED32S801978
FCC ID : 2BEAJLZ031
Date of Issue : Jul. 23, 2026
Test Standards : 47 CFR Part 95, Subpart B
Test result : PASS

Prepared for:

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1 Content

1 Content	2
2 Test Summary	3
4 General Information	4
4.1 Details of E.U.T	4
4.2 Description of Support Units	4
4.3 Description of Support Units	5
4.4 Measurement Uncertainty	5
4.5 Test Location	6
4.6 Deviation from Standards	6
4.7 Abnormalities from Standard Conditions	6
5 Equipment List	7
6 Radio Spectrum Technical Requirement	10
6.1 Antenna Requirement	10
6.1.1 Test Requirement	10
6.1.2 Conclusion	10
7 Radio Spectrum Matter Test Results	11
7.1 Frequency Stability	11
7.1.1 Measurement Data	12
7.2 Effective Radiated Power (ERP)	13
7.2.1 Measurement Data	13
7.3.1 Measurement Procedure and Data	16
7.4 Modulation Limits	18
7.4.1 Measurement Data	19
7.5 Radiated Emissions	21
8 PHOTOGRAPHS	29

2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 95, Subpart B	N/A	47 CFR Part 95, Subpart B 95.587(b)	Pass

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Frequency Stability	47 CFR Part 95, Subpart B	ANSI C63.26-2015	47 CFR FCC Part95.565 & FCC Part2.1055;	Pass
Effective Radiated Power (ERP)	47 CFR Part 95, Subpart B	ANSI C63.26-2015	47 CFR FCC Part95.567 & FCC Part2.1046;	Pass
Occupied Bandwidth	47 CFR Part 95, Subpart B	ANSI C63.26-2015	47 CFR FCC Part 95.573 & FCC Part2.1049;	Pass
Modulation Limits	47 CFR Part 95, Subpart B	ANSI C63.26-2015	47 CFR FCC Part 95.575 & FCC Part2.1047;	Pass
Radiated Emissions	47 CFR Part 95, Subpart B	ANSI C63.26-2015	47 CFR FCC Part 95.579 & FCC Part2.1053;	Pass

Note:

E.U.T./EUT means Equipment Under Test.

Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.

Model No.: LZ031, LZ031A, LZ031B, LZ031C

Only the model LZ031 was tested, Their electrical circuit design, layout, components used and internal wiring are identical, Only the outer decoration is different.

4 General Information

4.1 Details of E.U.T.

Power supply:	Battery:	DC 4.5V
Cable Loss (for RF conducted test):	1 dBi	
Operation Frequency:	462.5625MHz	
Modulation Type:	FM	
Emission Type:	F3E	
Antenna Type:	Dipole Antenna	
Antenna Gain:	-10.18 dBi	

Channel Lists

Channel	Frequency(MHz)
1	462.5625

Selected Test Channel	
Channel	Frequency
The lowest channel (CH1)	462.5625MHz

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
--	--	--	--
The EUT has been tested as an independent unit.			

4.3 Description of Support Units

Operating Environment:	
Temperature:	22~25.0 °C
Humidity:	50~55 % RH
Atmospheric Pressure:	1010mbar
Sample Received Date:	Jan. 23, 2026
Sample tested Date:	Jan. 28, 2026 to Jul. 23, 2026

4.4 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	7.9×10^{-8}
2	RF power, conducted	0.46dB (30MHz-1GHz)
		0.55dB (1GHz-18GHz)
3	Radiated Spurious emission test	3.3dB (9kHz-30MHz)
		4.3dB (30MHz-1GHz)
		4.5dB (1GHz-18GHz)
		3.4dB (18GHz-40GHz)
4	Conduction emission	3.5dB (9kHz to 150kHz)
		3.1dB (150kHz to 30MHz)
5	Temperature test	0.64°C
6	Humidity test	3.8%
7	DC power voltages	0.026%
Remark: The U_{lab} (lab Uncertainty) is less than $U_{CISPR/ETSI}$ (CISPR/ETSI Uncertainty), so the test results – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.		

4.5 Test Location

All tests were performed at:

Centre Testing International Group Co., Ltd.

Hongwei Industrial Park, Zone 70, Bao'an District, Shenzhen, Guangdong, China

Telephone: +86 (0) 755 33683668 Fax: +86 (0) 755 33683385

No tests were sub-contracted.

FCC Designation No.: CN1164

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None

5 Equipment List

RF test system					
Equipment	Manufacturer	Mode No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Communication test set	R&S	CMW500	107929	06-16-2025 06-15-2026	06-15-2026 06-14-2027
Signal Generator	R&S	SMBV100A	262454	08-11-2025	08-10-2026
Spectrum Analyzer	R&S	FSV40	101200	08-11-2025	08-10-2026
RF control unit(power unit)	MWRF-test	MW100-RFCB	MW220620CTI-42	06-16-2025 05-29-2026	06-15-2026 05-28-2027
high-low temperature test chamber	Dong Guang Qin Zhuo	LK-80GA	QZ20150611879	11-13-2025	11-12-2026
Temperature/Humidity Indicator	biaozhi	HM10	1804186	05-26-2025 05-22-2026	05-15-2026 05-21-2027
BT&Wi-Fi Automatic test software	MWRF-test	MTS 8310	2.0.0.0	---	---
Digital multimeter	FLUKE	17B MAX	59545050WS	10-15-2025	10-14-2026

3M full-anechoic Chamber					
Equipment	Manufacturer	Model No.	Serial Number	Cal. Date (mm-dd-yyyy)	Cal. Due date (mm-dd-yyyy)
Fully Anechoic Chamber	TDK	FAC-3	---	01-29-2024	01-28-2027
Receiver	Keysight	N9038A	MY57290136	12-22-2025	12-21-2026
Spectrum Analyzer	Keysight	N9020B	MY57111112	12-21-2025	12-20-2026
Spectrum Analyzer	Keysight	N9030B	MY57140871	12-21-2025	12-20-2026
TRILOG Broadband Antenna	Schwarzbeck	VULB 9163	9163-1148	04-12-2025 03-29-2026	04-11-2026 03-28-2027
Horn Antenna	Schwarzbeck	BBHA 9170	9170-832	04-12-2025 03-29-2026	04-11-2026 03-28-2027
Horn Antenna	ETS-LINDGREN	3117	57407	06-29-2025 05-10-2026	06-28-2026 05-09-2027
Preamplifier	EMCI	EMC001330	980563	03-03-2025 02-06-2026	03-02-2026 02-05-2027
Preamplifier	EMCI	EMC051845SE	980380	11-25-2025	11-24-2026
Preamplifier	Tonscend	TAP-011858	AP21B806112	07-07-2025 06-22-2026	07-06-2026 06-21-2027
Communication test set	R&S	CMW500	104466	11-25-2025	11-24-2026
Temperature/Humidity Indicator	biaozhi	GM1360	EE1186631	03-31-2025 03-24-2026	03-30-2026 03-23-2027
RSE Automatic test software	JS Tonscend	JS36-RSE	V5.0.0.1	---	---
Cable line	Times	SFT205-NMSM-2.50M	394812-0001	01-29-2024	01-28-2027
Cable line	Times	SFT205-NMSM-2.50M	394812-0002	01-29-2024	01-28-2027
Cable line	Times	SFT205-NMSM-2.50M	394812-0003	01-29-2024	01-28-2027
Cable line	Times	SFT205-NMSM-2.50M	393495-0001	01-29-2024	01-28-2027
Cable line	Times	EMC104-NMNM-1000	SN160710	01-29-2024	01-28-2027
Cable line	Times	SFT205-NMSM-3.00M	394813-0001	01-29-2024	01-28-2027
Cable line	Times	SFT205-NMNM-1.50M	381964-0001	01-29-2024	01-28-2027
Cable line	Times	SFT205-NMSM-7.00M	394815-0001	01-29-2024	01-28-2027
Cable line	Times	HF160-KMKM-3.00M	393493-0001	01-29-2024	01-28-2027

3M Semi-anechoic Chamber (2)- Radiated disturbance Test					
Equipment	Manufacturer	Model No.	Serial Number	Cal. date	Cal. Due date
				(mm-dd-yyyy)	(mm-dd-yyyy)
3M Chamber & Accessory Equipment	TDK	SAC-3	---	01/13/2024	01/12/2027
Receiver	R&S	ESCI7	100938-003	09/03/2025	09/02/2026
TRILOG Broadband Antenna	schwarzbeck	VULB 9163	9163-618	05/14/2025 05/11/2026	05/13/2026 05/10/2027
Loop Antenna	Schwarzbeck	FMZB 1519B	1519B-076	04/07/2025 03-29-2026	04/06/2026 03-28-2027
Microwave Preamplifier	Tonscend	EMC051845SE	980380	11/25/2025	11/24/2026
Horn Antenna	A.H.SYSTEMS	SAS-574	374	05/23/2025 05/16/2026	05/22/2026 05/15/2027
Horn Antenna	ETS-LINGREN	BBHA 9120D	9120D-1869	04/07/2025 03-31-2026	04/06/2026 03-30-2027
Preamplifier	Agilent	11909A	12-1	03/03/2025 02/06/2026	03/02/2026 02/07/2027
Preamplifier	CD	PAP-1840-60	6041.6042	05/26/2025 05/16/2026	05/25/2026 05/15/2027
Test software	Fara	EZ-EMC	EMEC-3A1-Pre	---	---
Cable line	Fulai(7M)	SF106	5219/6A	01/13/2024	01/12/2027
Cable line	Fulai(6M)	SF106	5220/6A	01/13/2024	01/12/2027
Cable line	Fulai(3M)	SF106	5216/6A	01/13/2024	01/12/2027
Cable line	Fulai(3M)	SF106	5217/6A	01/13/2024	01/12/2027

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 95, Subpart B 95.587(b)

6.1.2 Conclusion

95.587(b) Requirement:

The antenna of each FRS transmitter type must meet the following requirements.

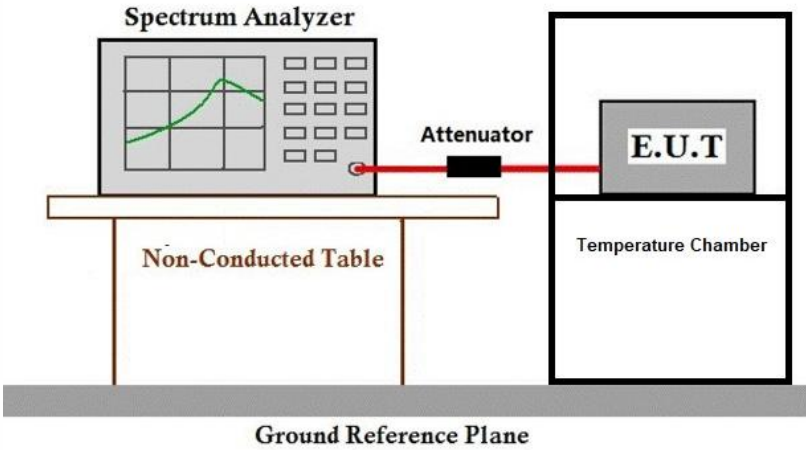
- (1) The antenna must be a non-removable integral part of the FRS transmitter type.
- (2) The gain of the antenna must not exceed that of a half-wave dipole antenna.
- (3) The antenna must be designed such that the electric field of the emitted waves is vertically polarized when the unit is operated in the normal orientation.

EUT Antenna:

The antenna is a undetachable monopole antenna and no consideration of replacement. The antenna gain is -10.18 dBi and with vertically polarized

7 Radio Spectrum Matter Test Results

7.1 Frequency Stability

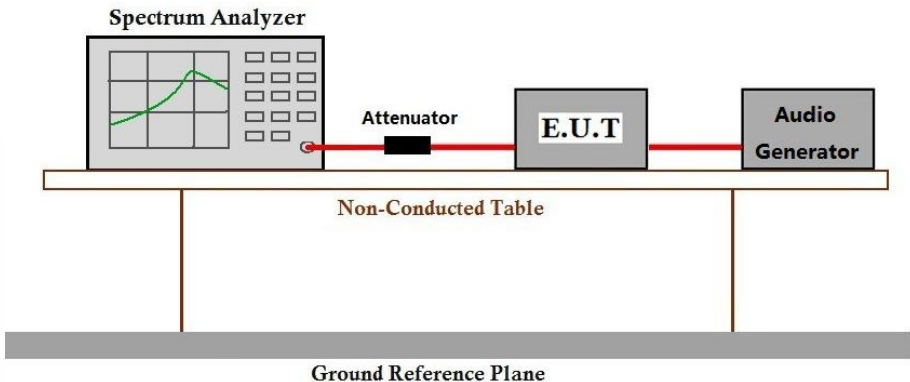
Test Requirement:	47 CFR FCC Part 95.565
Test Method:	ANSI C63.26-2015, Clause 5.6
Limit:	Each FRS transmitter type must be designed such that the carrier frequencies remain within ± 2.5 parts-per-million of the channel center frequencies specified in §95.563 during normal operating conditions.
Test Setup:	 The diagram illustrates the test setup for frequency stability. A Spectrum Analyzer is positioned on a Non-Conducted Table. A cable connects the Spectrum Analyzer to an Attenuator, which is then connected to the E.U.T. (Equipment Under Test) inside a Temperature Chamber. The entire setup is on a Ground Reference Plane.
Test Procedure:	Frequency stability is a measure of the frequency drift due to temperature and supply voltage variations, with reference to the frequency measured at +20°C and rated supply voltage. The operating carrier frequency shall be set up in accordance with the manufacturer's published operation and instruction manual prior to the commencement of these tests. No adjustment of any frequency determining circuit element shall be made subsequent to this initial set-up. Frequency stability is tested: - At 10°C intervals of temperatures between -30°C and +50°C at the manufacturer's rated supply voltage, and - At +20°C temperature and $\pm 15\%$ supply voltage variations. If a product is specified to operate over a range of input voltage then the -15% variation is applied to the lowermost voltage and the +15% is applied to the uppermost voltage. During the test all necessary settings, adjustments and control of the EUT have to be performed without disturbing the test environment, i.e., without opening the environmental chamber. The frequency stabilities can be maintained to a lesser temperature range provided that the transmitter is automatically inhibited from operating outside the lesser temperature range. For handheld equipment that is only capable of operating from internal batteries and the supply voltage cannot be varied, the frequency stability tests shall be performed at the nominal battery voltage and the battery end point voltage specified by the manufacturer. An external supply voltage can be used and set at the internal battery nominal voltage, and again at the battery operating end point voltage which shall be specified by the equipment manufacturer. If an unmodulated carrier is not available, the mean frequency of a

	modulated carrier can be obtained by using a frequency counter with gating time set to an appropriately large multiple of bit periods (gating time depending on the required accuracy). Full details on the choice of values shall be included in the test report.
Test Mode:	TX mode_Keep the EUT in transmitting mode

7.1.1 Measurement Data

Assigned Frequency: 462.562500MHz					
Voltage(V)	Temperature (°C)	Measured Frequency(MHz)	Frequency Deviation(ppm)	FCC Limit (ppm)	Result
4.5	-30	462.562529	0.06	±2.5	Pass
	-20	462.562576	0.16		
	-10	462.562594	0.20		
	0	462.562518	0.04		
	10	462.562533	0.07		
	20	462.562524	0.05		
	30	462.562512	0.03		
	40	462.562530	0.06		
	50	462.562590	0.20		
4.95	25	462.562524	0.05	±2.5	Pass
4.05	25	462.562590	0.20		

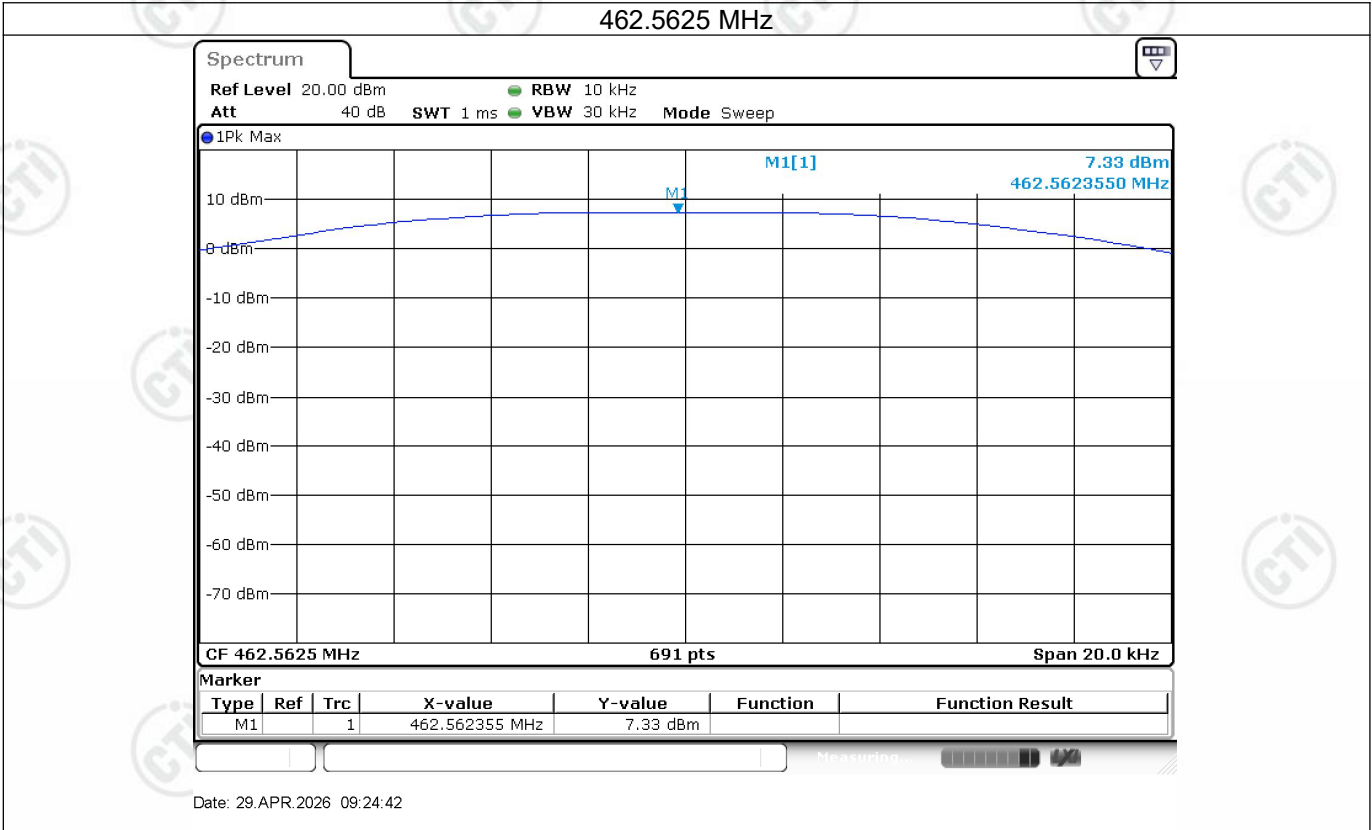
7.2 Effective Radiated Power (ERP)

Test Requirement:	47 CFR FCC Part95.567 & FCC Part2.1046;
Test Method:	ANSI C63.26-2015, Clause 5.2.3.3
Limit:	Each FRS transmitter type must be designed such that the effective radiated power (ERP) on channels 8 through 14 does not exceed 0.5 Watts and the ERP on channels 1 through 7 and 15 through 22 does not exceed 2.0 Watts.
Test Setup:	 The diagram illustrates the test setup for ERP measurement. It shows a Spectrum Analyzer connected to an Attenuator, which is then connected to the E.U.T. (Equipment Under Test). The E.U.T. is connected to an Audio Generator. The entire setup is placed on a Non-Conducted Table, which is supported by a Ground Reference Plane.
Test Procedure:	This procedure can be used to measure the peak power in either a CW-like or noise-like narrowband RF signal. The measurement instrument must have a RBW that is greater than or equal to the OBW of the signal to be measured and a VBW $\geq 3 \times$ RBW. - Set the RBW $\geq$ OBW. - Set VBW $\geq 3 \times$ RBW. - Set span $\geq 2 \times$ OBW. - Sweep time $\geq 10 \times$ (number of points in sweep) $\times$ (transmission symbol period). - Detector = peak. - Trace mode = max hold. - Allow trace to fully stabilize. - Use the peak marker function to determine the peak amplitude level ERP=Conducted Output Power+ Antenna Gain (dBd)
Test Mode:	TX mode_ Keep the EUT in transmitting mode

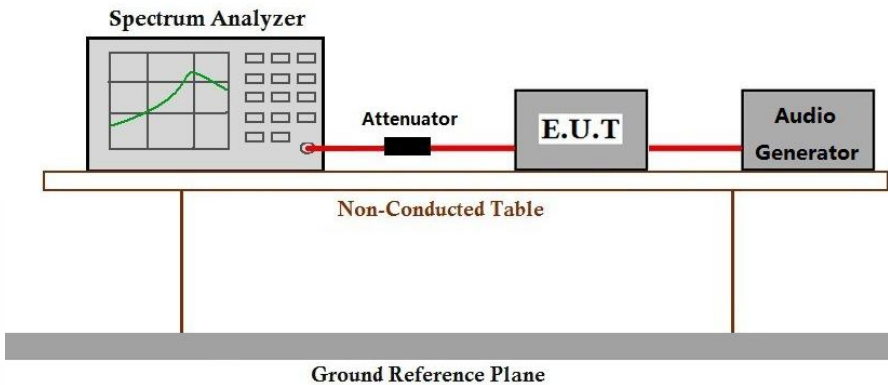
7.2.1 Measurement Data

Test Frequency (MHz)	Conducted Output power (dBm)	Antenna Gain (dBi)	ERP (dBm)	ERP Limit (dBm)
462.5625	7.33	-10.18	-5	≤ 33.01

Note: ERP = Conducted Output power + Antenna Gain - 2.15



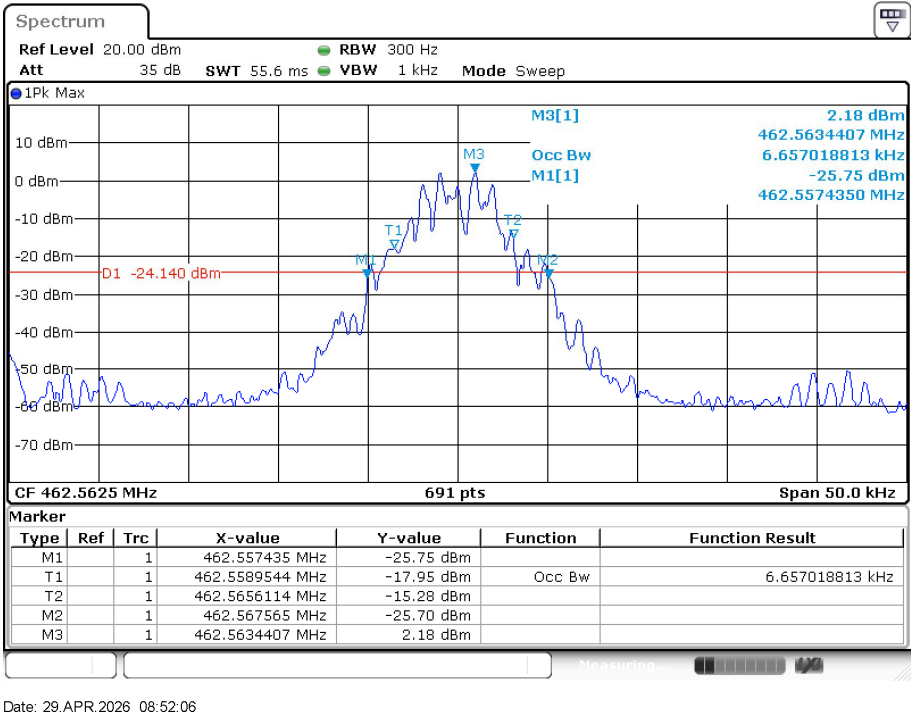
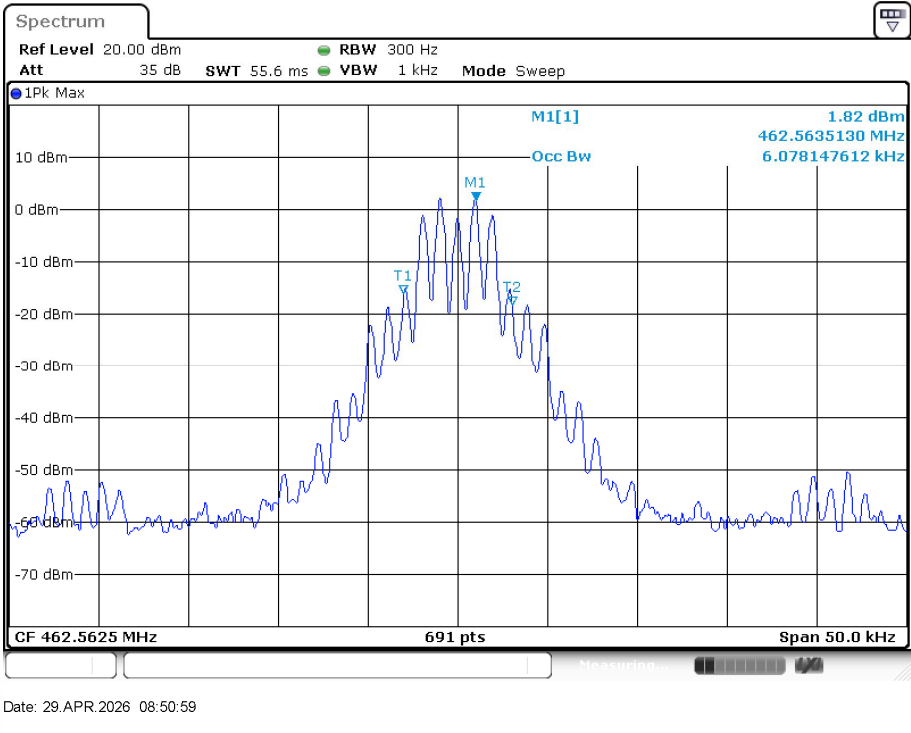
7.3 Occupied Bandwidth

Test Requirement:	47 CFR FCC Part 95.573 & FCC Part 2.1049
Test Method:	ANSI C63.26-2015, Clause 5.4.4
Limit:	Each FRS transmitter type must be designed such that the occupied bandwidth does not exceed 12.5 kHz.
Test Setup:	 The diagram illustrates the test setup for measuring Occupied Bandwidth. It shows a Spectrum Analyzer connected to an Attenuator, which is connected to the E.U.T. (Equipment Under Test), which is connected to an Audio Generator. The setup is placed on a Non-Conducted Table above a Ground Reference Plane.
Test Procedure:	The OBW is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5% of the total mean power of the given emission. The following procedure shall be used for measuring (99%) power bandwidth: - The spectrum analyzer center frequency is set to the nominal EUT channel center frequency. The frequency span for the spectrum analyzer shall be set wide enough to capture all modulation products including the emission skirts (typically a span of $1.5 \times \text{OBW}$ is sufficient). - The nominal IF filter 3 dB bandwidth (RBW) shall be in the range of 1% to 5% of the anticipated OBW, and the VBW shall be set $\geq 3 \times \text{RBW}$. - Set the reference level of the instrument as required to prevent the signal amplitude from exceeding the maximum spectrum analyzer input mixer level for linear operation. NOTE—Step a), step b), and step c) may require iteration to adjust within the specified tolerances. - Set the detection mode to peak, and the trace mode to max-hold. - If the instrument does not have a 99% OBW function, recover the trace data points and sum directly in linear power terms. Place the recovered amplitude data points, beginning at the lowest frequency, in a running sum until 0.5% of the total is reached. Record that frequency as the lower OBW frequency. Repeat the process until 99.5% of the total is reached and record that frequency as the upper OBW frequency. The 99% power OBW can be determined by computing the difference these two frequencies. - The OBW shall be reported and plot(s) of the measuring instrument display shall be provided with the test report. The frequency and amplitude axis and scale shall be clearly labeled. Tabular data can be reported in addition to the plot(s).
Test Mode:	TX mode_Keep the EUT in transmitting mode

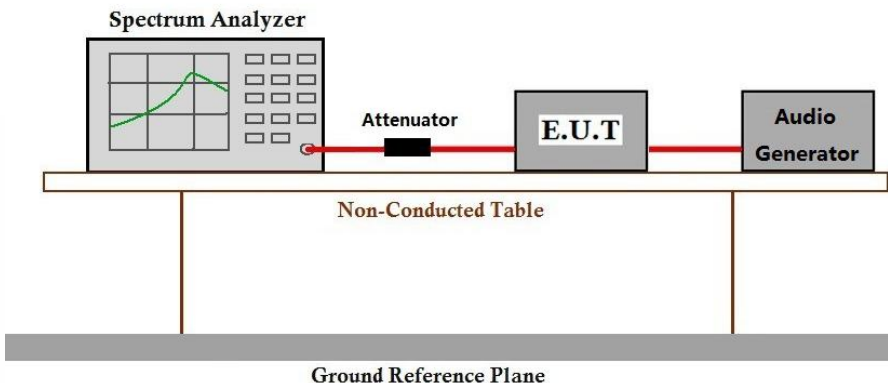
7.3.1 Measurement Procedure and Data

Frequency (MHz)	Channel Spacing (KHz)	Authorized Bandwidths (99% OBW, KHz)	Authorized Bandwidths (26dB, KHz)	Limit (KHz)	Result
462.5625	12.5	6.078	10.13	12.5	Pass

FM mode, Assigned Frequency: 462.5625MHz



7.4 Modulation Limits

Test Requirement:	47 CFR FCC Part 95.575 & FCC Part 2.1047
Test Method:	ANSI C63.26-2015
Limit:	Each FRS transmitter type must be designed such that the peak frequency deviation does not exceed 2.5 kHz, and the highest audio frequency contributing substantially to modulation must not exceed 3.125 kHz.
Test Setup:	 The diagram illustrates the test setup for modulation limits. It shows a Spectrum Analyzer connected to an Attenuator, which is connected to the E.U.T. (Equipment Under Test), which is connected to an Audio Generator. The equipment is placed on a Non-Conducted Table above a Ground Reference Plane.
Test Procedure:	C63.26-2015, Clause 5.3.2 Modulation limiting test methodology Modulation limiting is the ability of a transmitter circuit to limit the transmitter from producing deviations in excess of a rated system deviation. - Connect the equipment as illustrated in Figure 1. - Adjust the transmitter per the manufacturer's procedure for full rated system deviation. - Set the test receiver to measure peak positive deviation. Set the audio bandwidth for ≤ 0.25 Hz to ≥ 15000 Hz. Turn the de-emphasis function off. - Apply a 1000 Hz modulating signal to the transmitter from the audio frequency generator, and adjust the level to obtain 60% of full rated system deviation. This is the 0 dB reference level. - Increase the level from the audio generator by 20 dB in 5 dB increments recording the deviation as measured from the test receiver in each step. Verify that the audio level used to make the OBW measurement is included in the sweep. - Repeat for step e) at 300 Hz, 2500 Hz and 3000 Hz at a minimum using the 0 dB reference level obtained in step d). - Set the test receiver to measure peak negative deviation and repeat step d) through step f). - The values recorded in step f) and step g) are the modulation limiting. - Plot the data set as a percentage of deviation relative to the 0 dB reference point versus input voltage. C63.26-2015, Clause 5.3.3.2 Audio frequency response test methodology—Constant Input - Connect the equipment as illustrated in Figure 3. - Set the test receiver to measure peak positive deviation. Set the audio bandwidth for ≤ 50 Hz to ≥ 15000 Hz. Turn the de-emphasis function off. - Adjust the transmitter per the manufacturer's procedure for full rated system deviation. - Apply a 1000 Hz tone and adjust the audio frequency generator to

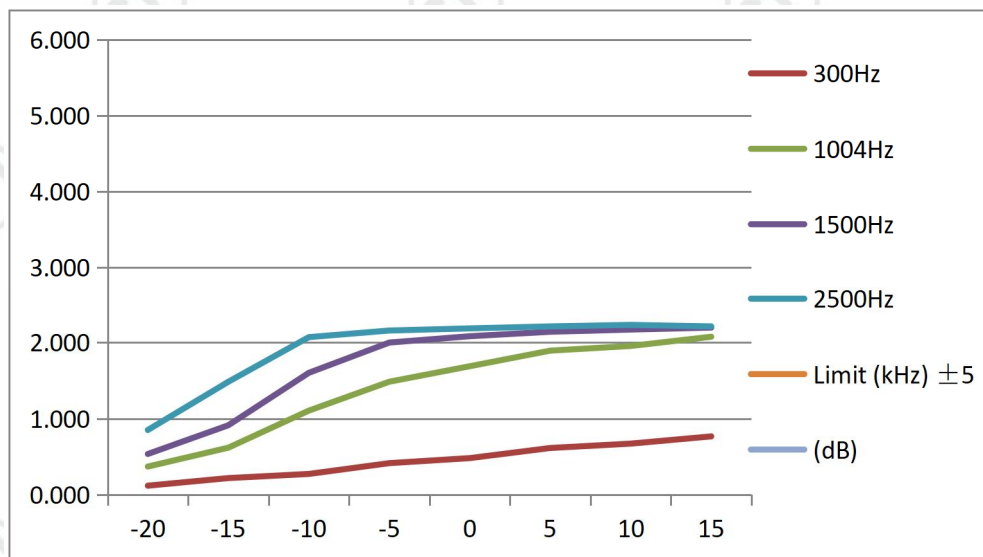
	produce 20% of the rated system deviation. e) Set the test receiver to measure rms deviation and record the deviation reading as DEVREF. f) Set the audio frequency generator to the desired test frequency between 300 Hz and 3000 Hz.
Test Mode:	TX mode_Keep the EUT in transmitting mode

7.4.1 Measurement Data

Test result:

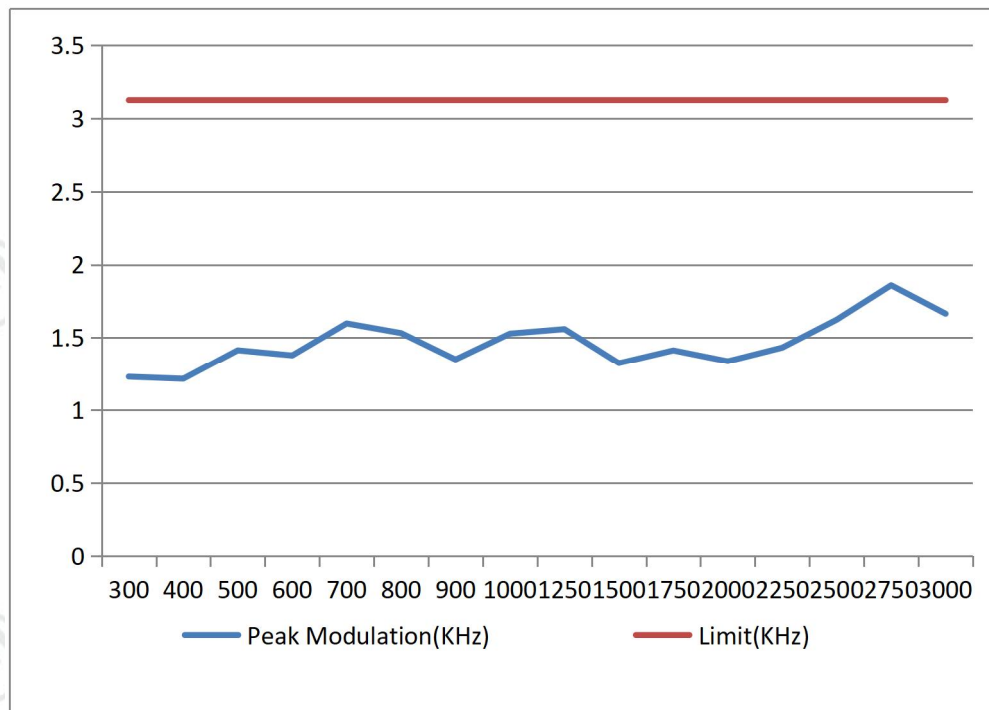
a. Frequency deviation:

Channel :462.5625MHz FRS					
Modulation Input(dB)	Peak Frequency Deviation(KHz) at 300Hz	Peak Frequency Deviation(KHz) at 1000Hz	Peak Frequency Deviation(KHz) at 2500Hz	Peak Frequency Deviation(KHz) at 3000Hz	Limit (KHz)
-20	0.057	0.200	0.297	0.486	2.50
-15	0.117	0.368	0.534	0.850	2.50
-10	0.217	0.617	0.912	1.485	2.50
-5	0.271	1.105	1.602	2.072	2.50
0	0.413	1.485	2.001	2.159	2.50
5	0.480	1.689	2.084	2.187	2.50
10	0.613	1.894	2.143	2.213	2.50
15	0.670	1.956	2.172	2.233	2.50
20	0.766	2.077	2.198	2.213	2.50

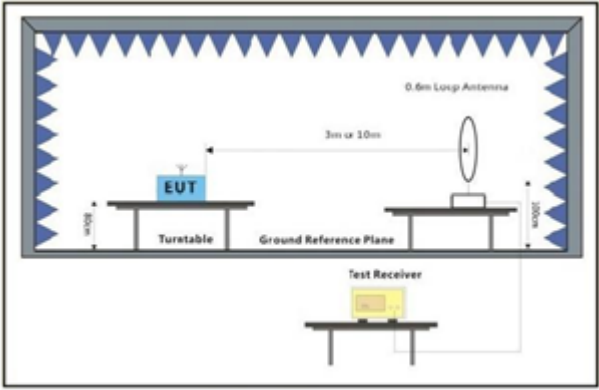


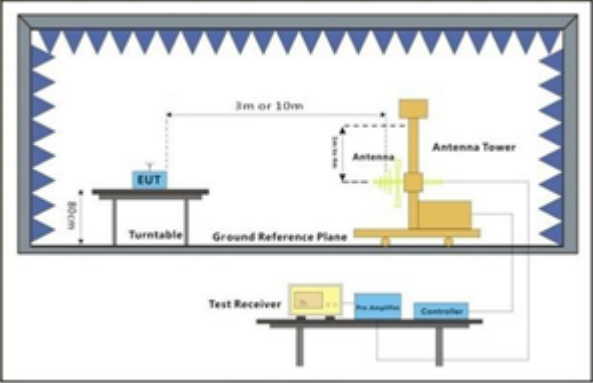
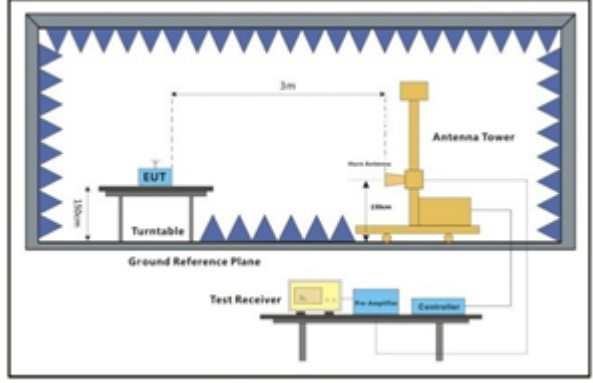
b.Audio Frequency Response
Channel 462.5625MHz for FRS

Modulation Frequency(Hz)	Peak Modulation Deviation(KHz)	Limit (KHz)
300	1.03044	3.125
400	1.22973	3.125
500	1.21559	3.125
600	1.41373	3.125
700	1.37822	3.125
800	1.59823	3.125
900	1.53192	3.125
1000	1.35006	3.125
1250	1.52823	3.125
1500	1.55922	3.125
1750	1.32409	3.125
2000	1.41273	3.125
2250	1.33763	3.125
2500	1.43192	3.125
2750	1.62392	3.125
3000	1.85991	3.125
3125	1.6651	3.125



7.5 Radiated Emissions

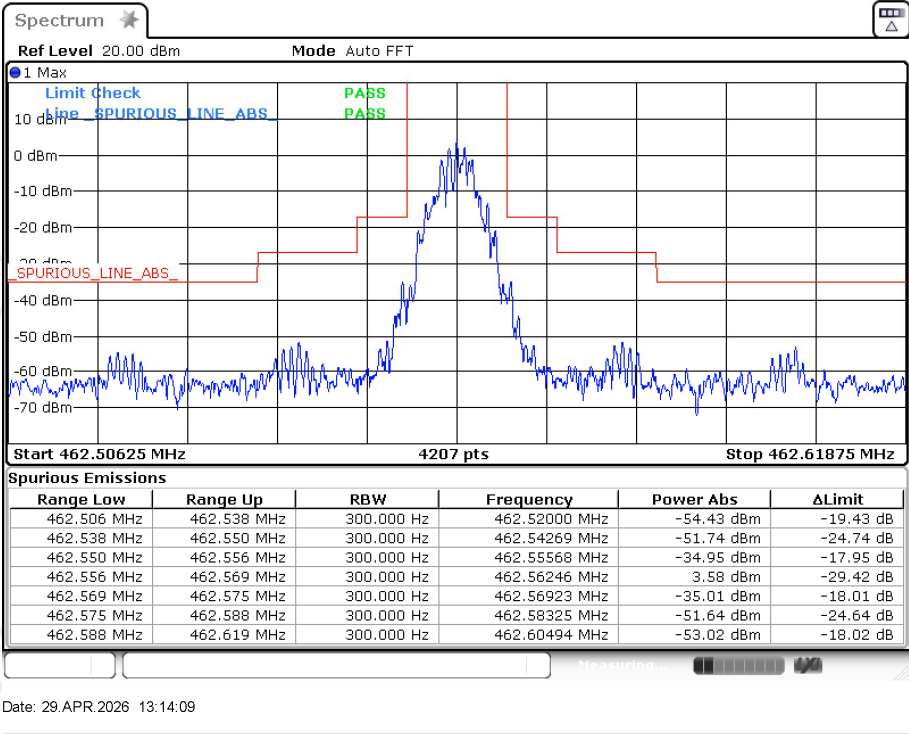
Test Requirement:	47 CFR FCC Part 95.579 & FCC Part2.1053
Test Method:	ANSI C63.26-2015
Limit:	Each FRS transmitter type must be designed to satisfy the applicable unwanted emissions limits in this paragraph. (a) Attenuation requirements. The power of unwanted emissions must be attenuated below the carrier power output in Watts (P) by at least: (1) 25 dB (decibels) in the frequency band 6.25 kHz to 12.5 kHz removed from the channel center frequency. (2) 35 dB in the frequency band 12.5 kHz to 31.25 kHz removed from the channel center frequency. (3) $43 + 10 \log (P)$ dB in any frequency band removed from the channel center frequency by more than 31.25 kHz. (b) Measurement bandwidths. The power of unwanted emissions in the frequency bands specified in paragraphs (a)(1) and (2) of this section is measured with a reference bandwidth of 300 Hz. The power of unwanted emissions in the frequency range specified in paragraph (a)(3) is measured with a reference bandwidth of at least 30 kHz. (c) Measurement conditions. The requirements in this section apply to each FRS transmitter type both with and without the connection of permitted attachments, such as an external speaker, microphone and/or power cord.
Test Setup:	 Below 30MHz

	 30MHz-1GHz  Above 1GHz
Test Procedure:	(1) On a test site, the EUT shall be placed on a turntable and in the position closest to the normal use as declared by the user (2) The test antenna shall be oriented initially for vertical polarization located 3m from the EUT to correspond to the transmitter. (3) The output of the antenna shall be connected to the measuring receiver and either a peak or quasi-peak detector was used for the measurement as indicated on the report. The detector selection is based on how close the emission level was approaching the limit. (4) The transmitter shall be switched on; if possible, without the modulation and the measurement receiver shall be tuned to the frequency of the transmitter under test. (5) The test antenna shall be raised and lowered through the specified range of height until the measuring receiver detects a maximum signal level. (6) The transmitter shall then be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver. (7) The test antenna shall be raised and lowered again through the specified range of height until the measuring receiver detects a maximum signal level. (8) The maximum signal level detected by the measuring receiver shall be noted. (9) The measurement shall be repeated with the test antenna set to horizontal polarization. (10) Replace the antenna with a proper Antenna (substitution antenna). (11) The substitution antenna shall be oriented for vertical polarization and, if necessary, the length of the substitution antenna shall be adjusted to correspond to the frequency of transmitting.

	(12) The substitution antenna shall be connected to a calibrated signal generator. (13) If necessary, the input attenuator setting of the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver. (14) The test antenna shall be raised and lowered through the specified range of the height to ensure that the maximum signal is received. (15) The input signal to substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, that is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuation setting of the measuring receiver. (16) The input level to the substitution antenna shall be recorded as power level in dBm, corrected for any change of input attenuator setting of the measuring receiver. (17) The measurement shall be repeated with the test antenna and the substitution antenna oriented for horizontal polarization.
Test Mode:	TX mode_Keep the EUT in transmitting mode

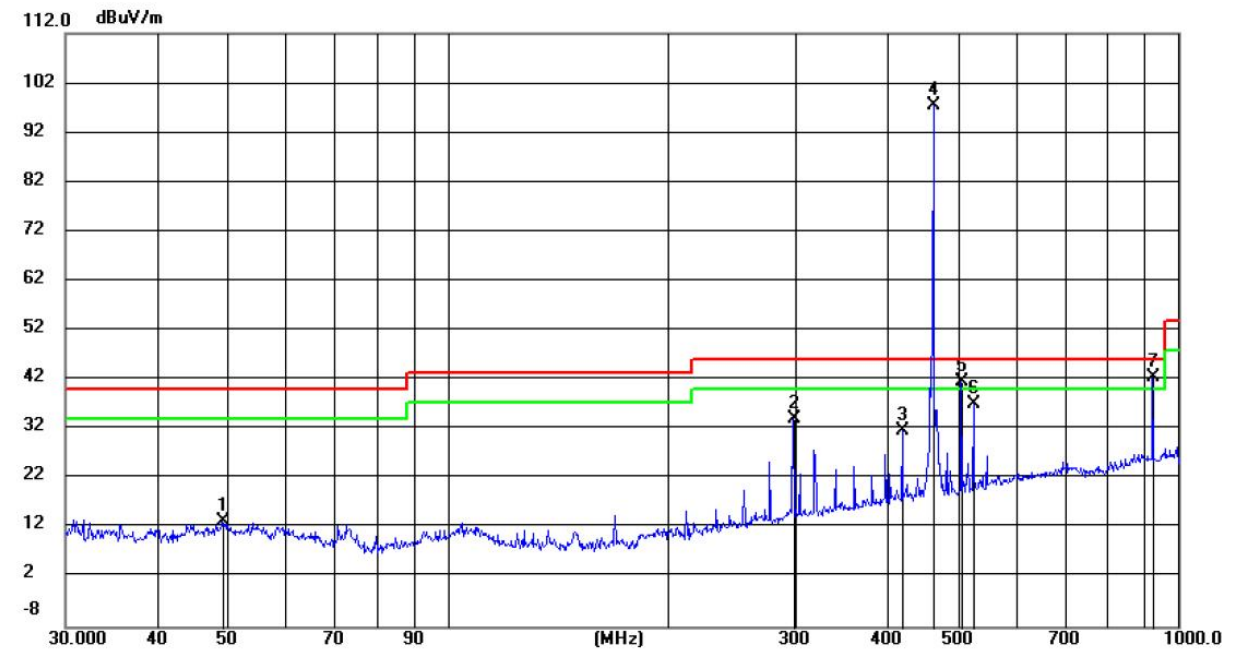
7.5.1 Measurement Data
Emission Mask

FM mode, Assigned Frequency: 462.5625MHz



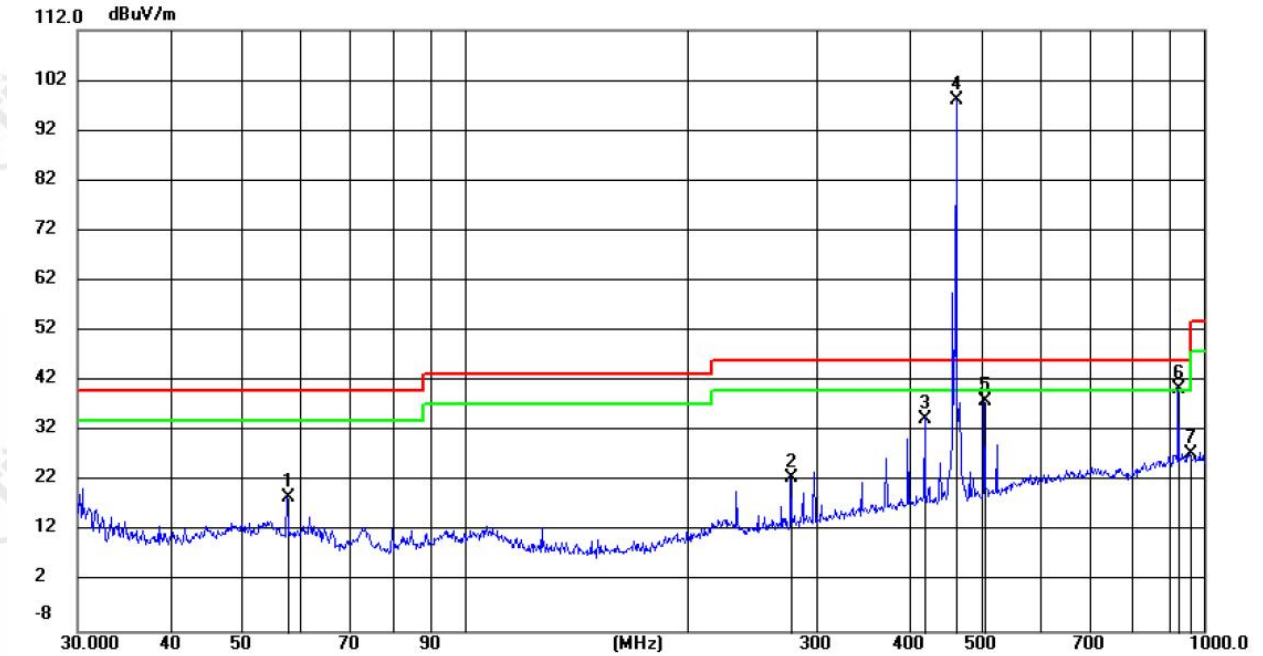
Radiated Emissions Below 1GHz:

Polarization	:	Horizontal
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No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		49.1951	-1.16	14.54	13.38	40.00	-26.62	QP	100	88
2		297.5368	17.90	16.22	34.12	46.00	-11.88	QP	100	295
3		420.0644	12.14	19.68	31.82	46.00	-14.18	QP	100	47
4	*	462.5887	77.20	20.27	97.47	46.00	51.47	peak	100	47
5	!	505.0602	20.97	20.70	41.67	46.00	-4.33	QP	100	47
6		526.3044	16.08	21.18	37.26	46.00	-8.74	QP	100	30
7	!	925.2694	15.50	27.17	42.67	46.00	-3.33	QP	100	55

Polarization	:	Vertical
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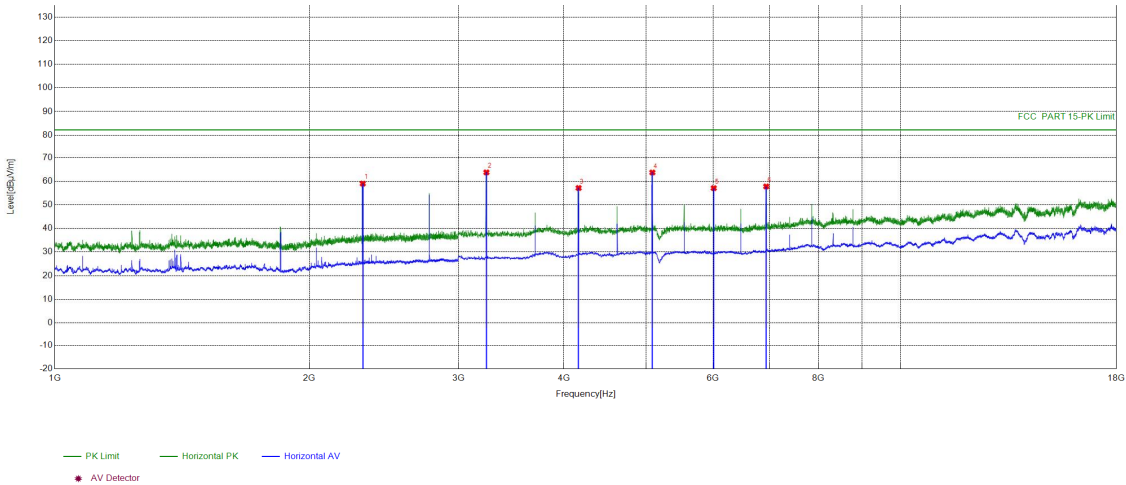


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB/m	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		57.7557	5.11	13.76	18.87	40.00	-21.13	QP	100	69	
2		276.2688	7.48	15.42	22.90	46.00	-23.10	QP	100	345	
3		420.0645	14.92	19.68	34.60	46.00	-11.40	QP	100	337	
4	*	462.5888	77.64	20.27	97.91	46.00	51.91	peak	100	161	
5		505.0603	17.48	20.70	38.18	46.00	-7.82	QP	100	161	
6	!	925.2695	13.16	27.17	40.33	46.00	-5.67	QP	100	161	
7		958.4582	0.18	27.24	27.42	46.00	-18.58	QP	100	287	

Radiated Emissions Above 1GHz,

Test_Mode	TX	Test_Frequency	462.5625MHz
Remark:	/	Test_Date	2026/4/8

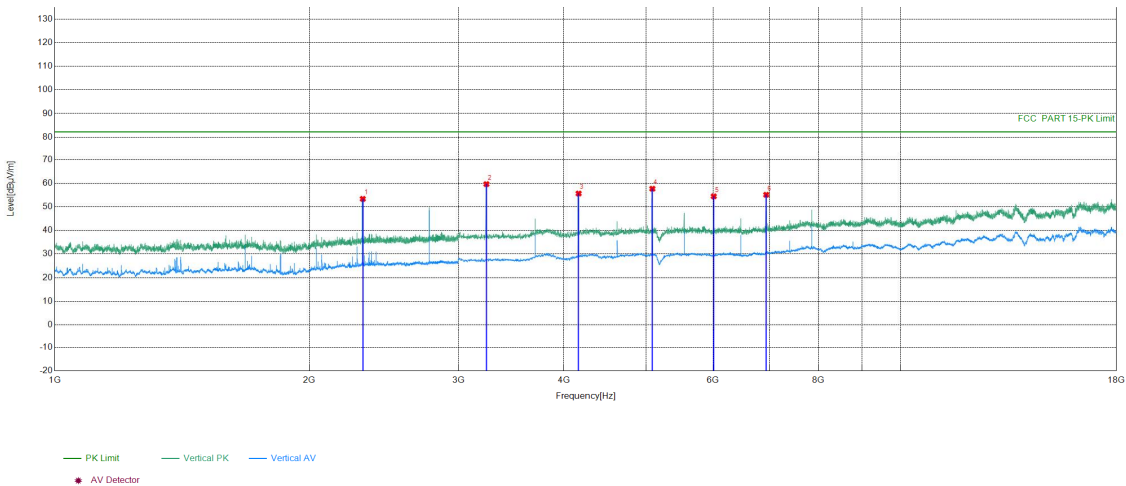
Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2312.7313	-18.10	77.11	59.01	82.23	23.22	PASS	Horizont	PK
2	3238.5239	-14.19	77.95	63.76	82.23	18.47	PASS	Horizont	PK
3	4162.6163	-10.97	68.12	57.15	82.23	25.08	PASS	Horizont	PK
4	5088.2088	-7.69	71.41	63.72	82.23	18.51	PASS	Horizont	PK
5	6013.8014	-5.29	62.39	57.10	82.23	25.13	PASS	Horizont	PK
6	6937.8938	-2.96	60.76	57.80	82.23	24.43	PASS	Horizont	PK

Test_Mode	TX	Test_Frequency	462.5625MHz
Remark:	/	Test_Date	2026/4/8

Test Graph



Suspected List									
NO	Freq. [MHz]	Factor [dB]	Reading [dBμV]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Result	Polarity	Remark
1	2312.9313	-18.10	71.49	53.39	82.23	28.84	PASS	Vertical	PK
2	3238.5239	-14.19	73.84	59.65	82.23	22.58	PASS	Vertical	PK
3	4162.6163	-10.97	66.63	55.66	82.23	26.57	PASS	Vertical	PK
4	5088.2088	-7.69	65.38	57.69	82.23	24.54	PASS	Vertical	PK
5	6013.8014	-5.29	59.75	54.46	82.23	27.77	PASS	Vertical	PK
6	6937.8938	-2.96	58.09	55.13	82.23	27.10	PASS	Vertical	PK

Note:

- 1. $\text{Margin} = \text{Measurement}(\text{Level}) - \text{Limit}$.
- 2. $\text{Measurement}(\text{Level}) = \text{Reading Level} + \text{Correct Factor}$.
- 3. The preceding frequency point (462MHz) is the main frequency of the ISM.

8 PHOTOGRAPHS

Refer to Appendix Photographs of Report No. EED32S801978.

Statement

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule stated in ILAC-G8:09/2019/CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
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*** End of Report ***