ShuShu Papa Toy Company LLC

TEST REPORT

SCOPE OF WORK
FCC TESTING–50007002

REPORT NUMBER
SZHH02195738-001

ISSUE DATE **[REVISED DATE]**

June 29, 2026 [----------]

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30

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ShuShu Papa Toy Company LLC

Application For Certification

FCC ID: 2BVUP-50007002

Game Blingz LCD Highlight Reel Chain

Model: 50007002

2.4GHz Transceiver

Report No.: SZHH02195738-001

We hereby certify that the sample of the above item is considered to comply with the requirements of FCC Part 15, Subpart C for Intentional Radiator, mention 47 CFR [10-1-24]

Prepared and Checked by:

Terry Tang
Assistant Supervisor

Approved by:

Johnny Wang
Project Engineer
Date: June 29, 2026

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MEASUREMENT/TECHNICAL REPORT

This report concerns (check one:) Original Grant X Class II Change _____

Equipment Type: DXX - Part 15 Low Power Communication Device Transmitter

---

Deferred grant requested per 47 CFR 0.457(d)(1)(ii)? Yes _____ No X

If yes, defer until: _____
date

Company Name agrees to notify the Commission by: _____
date

of the intended date of announcement of the product so that the grant can be issued on that date.

Transition Rules Request per 15.37? Yes _____ No X

If no, assumed Part 15, Subpart C for intentional radiator – the new 47 CFR [10-1-24 Edition] provision.

Report prepared by:

Terry Tang
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1.0 Summary of Test Result

Applicant: ShuShu Papa Toy Company LLC
Applicant Address: 107 Eucalyptus Dr. El Segundo California United States

Manufacturer: ShuShu Papa Toy Company LLC
Manufacturer Address: 107 Eucalyptus Dr. El Segundo California United States

MODEL: 50007002
FCC ID: 2BVUP-50007002

Test Specification	Reference	Results
Transmitter Radiated Emission	15.249 &15.209 &15.205	Pass
Bandedge	15.249 &15.209 &15.205	Pass
20dB Bandwidth	15.215(c)	Pass

Notes: The EUT uses an Integral Antenna which in accordance to Section 15.203 is considered sufficient to comply with the provisions of this section.

2.0 General Description

2.1 Product Description

The equipment under test (EUT) is a Game Blingz LCD Highlight Reel Chain with Bluetooth 5.3 BLE function operating in 2402-2480MHz. The EUT is powered by DC 3.7V (1 x 3.7V rechargeable battery). Once use the USB cable charging to the EUT, the wireless function will be disabled. For more detail information pls. refer to the user manual.

Antenna Type: Integral antenna
Modulation Type: GFSK
Antenna Gain: -0.5dBi
Bluetooth Version: 5.3 BLE (Single Mode)

For electronic filing, the brief circuit description is saved with filename: descri.pdf.

2.2 Related Submittal(s) Grants

This is an application for certification of a transceiver for the Game Blingz LCD Highlight Reel Chain which has Bluetooth function.

2.3 Test Methodology

Radiated emission measurements were performed according to the procedures in ANSI C63.10-2020+Cor. 1-2023. Radiated emission measurement was performed in Semi-anechoic chamber. For radiated emission measurement, preliminary scans were performed in the semi-anechoic chamber only to determine the worst-case modes. All radiated tests were performed at an antenna to EUT distance of 3 meters, unless stated otherwise in the "Justification Section" of this Application. All other measurements were made in accordance with the procedures in part 2 of CFR 47.

2.4 Test Facility

The Semi-Anechoic chamber and shield room used to collect the radiated data and conducted data are **Intertek Testing Services Shenzhen Ltd. Longhua Branch** and located at 101, 201, Building B, No. 308 Wuhe Avenue, Zhangkengjing Community, GuanHu Subdistrict, LongHua District, ShenZhen, P.R. China. This test facility and site measurement data have been fully placed on file with the FCC (Registration Number: CN1188).

3.0 System Test Configuration

3.1 Justification

The system was configured for testing in a typical fashion (as a customer would normally use it), and in the confines as outlined in ANSI C63.10-2020+Cor. 1-2023.

The EUT is powered by full DC 3.7V (1 x 3.7V rechargeable battery) during the test, only the worst data was reported in this report.

For maximizing emissions below 30 MHz, the EUT was rotated through 360°, the bottom of the loop antenna was placed 1 meter above the ground, and the antenna polarization was changed. For maximizing emissions, the EUT was rotated through 360°, the antenna height was varied from 1 meter to 4 meters above the ground plane, and the antenna polarization was changed. This step by step procedure for maximizing emissions led to the data reported in Section 4.

The rear of unit shall be flushed with the rear of the table.

The equipment under test (EUT) was configured for testing in a typical fashion (as a customer would normally use it). The EUT was placed on a turn table, which enabled the engineer to maximize emissions through its placement in the three orthogonal axes.

3.2 EUT Exercising Software

The EUT exercise program (provided by client) used during testing was designed to exercise the various system components in a manner similar to a typical use.
Test software: BT_Tool, 1.1.2

3.3 Special Accessories

No special accessories used.

3.4 Equipment Modification

Any modifications installed previous to testing by ShuShu Papa Toy Company LLC will be incorporated in each production model sold / leased in the United States.

No modifications were installed by Intertek Testing Services Shenzhen Ltd. Longhua Branch.

3.5 Measurement Uncertainty

When determining the test conclusion, the Measurement Uncertainty of test has been considered.

3.6 Support Equipment List and Description

Description	Manufacturer	Remark
iPhone (Provided by Intertek)	Apple	Model No.: A2404

4.0 Emission Results

Data is included worst-case configuration (the configuration which resulted in the highest emission levels).

4.1 Radiated Test Results

A sample calculation, configuration photographs and data tables of the emissions are included.

4.1.1 Field Strength Calculation

The field strength is calculated by adding the reading on the Spectrum Analyzer to the factors associated with preamplifiers (if any), antennas, cables, pulse desensitization and average factors (when specified limit is in average and measurements are made with peak detectors). A sample calculation is included below.

FS = RA + AF + CF - AG + PD + AV

Where FS = Field Strength in dBµV/m
RA = Receiver Amplitude (including preamplifier) in dBµV
CF = Cable Attenuation Factor in dB
AF = Antenna Factor in dB/m
AG = Amplifier Gain in dB
PD = Pulse Desensitization in dB
AV = Average Factor in -dB

In the radiated emission table which follows, the reading shown on the data table may reflect the preamplifier gain. An example of the calculations, where the reading does not reflect the preamplifier gain, follows:

FS = RA + AF + CF - AG + PD + AV

Assume a receiver reading of 62.0 dBµV is obtained. The antenna factor of 7.4 dB and cable factor of 1.6 dB is added. The amplifier gain of 29 dB is subtracted. The pulse desensitization factor of the spectrum analyzer was 0 dB, and the resultant average factor was -10 dB. The net field strength for comparison to the appropriate emission limit is 32 dBµV/m. This value in dBµV/m was converted to its corresponding level in µV/m.

RA = 62.0 dBµV
AF = 7.4 dB/m
CF = 1.6 dB
AG = 29.0 dB
PD = 0 dB
AV = -10 dB
FS = 62 + 7.4 + 1.6 - 29 + 0 = 42 dBµV/m

Level in µV/m = Common Antilogarithm [(42 dBµV/m)/20] = 125.9 µV/m

4.1.2 Radiated Emission Configuration Photograph

For electronic filing, the worst case radiated emission configuration photograph is saved with filename: radiated photos. pdf.

4.1.3 Radiated Emissions

The data on the following page lists the significant emission frequencies, the limit and the margin of compliance. Numbers with a minus sign are below the limit.

Worst Case Radiated Emission
at
662.698667 MHz

Judgement: Passed by 12.2 dB

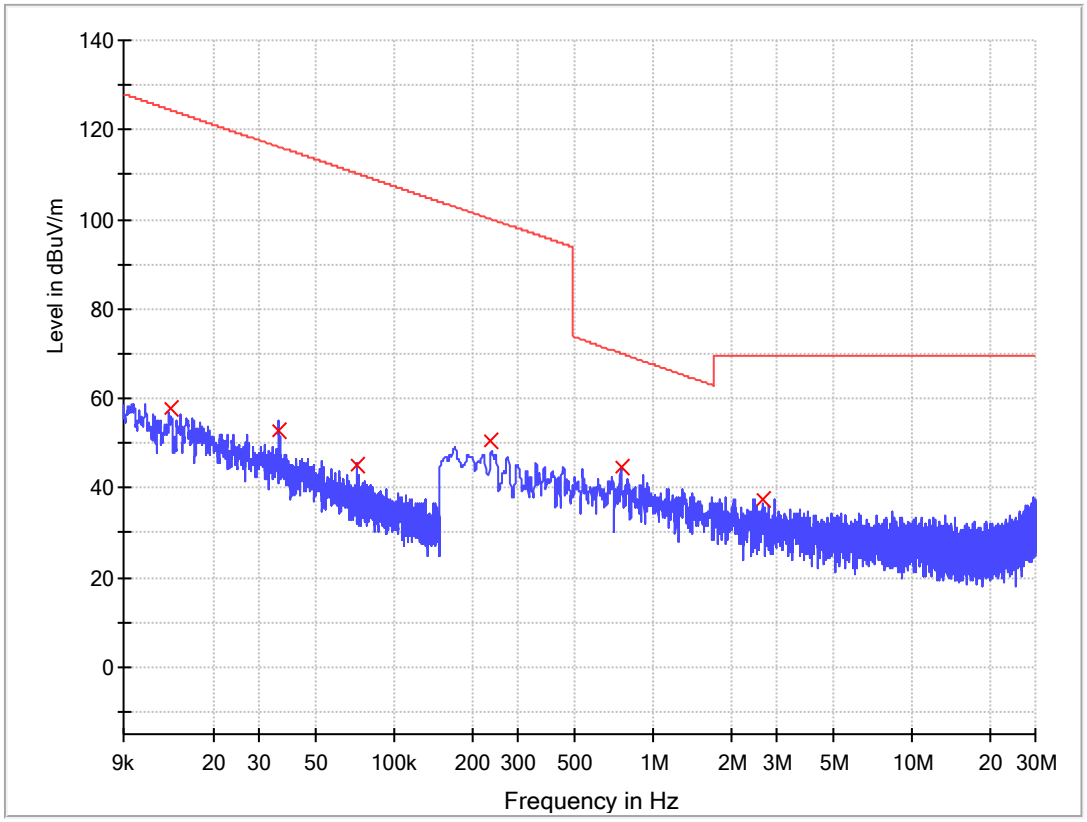
TEST PERSONNEL:

Sign on file

Terry Tang, Assistant Supervisor
Typed/Printed Name

Jun 22, 2026
Date

Applicant: ShuShu Papa Toy Company LLC
Date of Test: Jun 22, 2026 Model: 50007002
Worst Case Operating Mode: BT Link



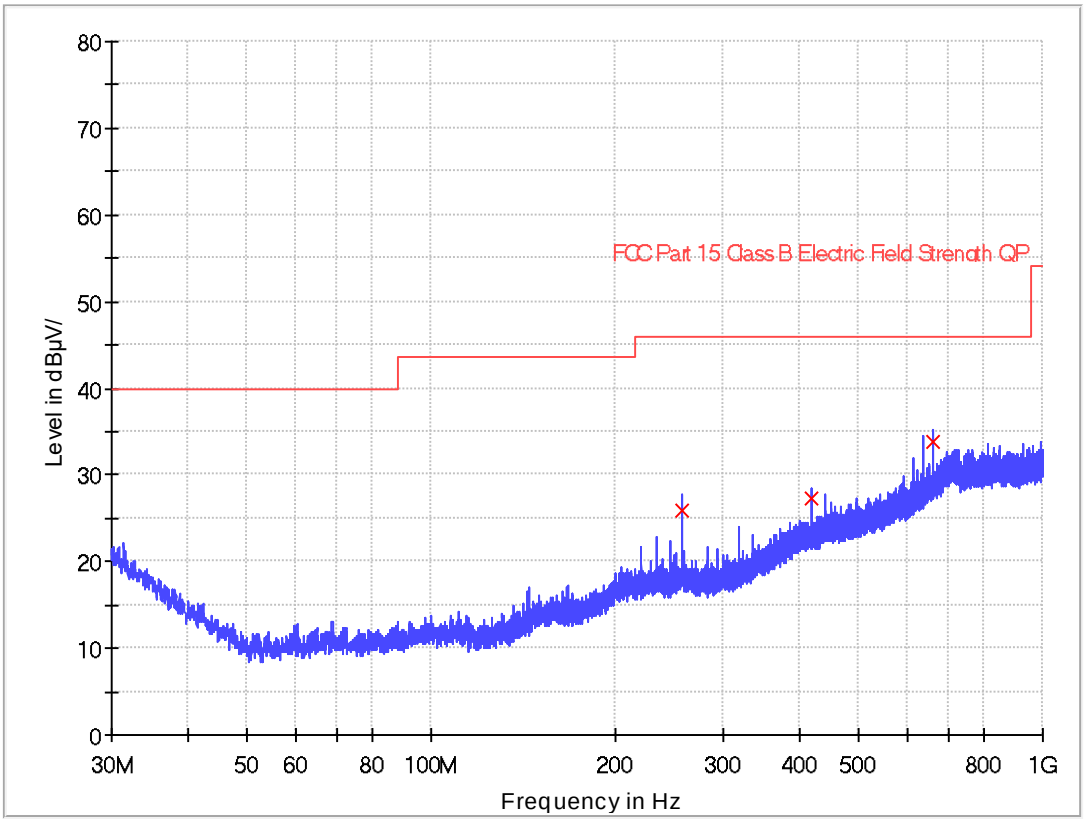
Limit and Margin

Frequency (MHz)	Quasi Peak (dBµV/m)	Meas. Time (ms)	Bandwidth (kHz)	Corr. (dB/m)	Margin - QPK (dB)	Limit – QPK (dBµV/m)
0.013634	57.9	1000.0	0.200	19.8	66.6	124.4
0.035879	52.8	1000.0	0.200	18.1	63.4	116.2
0.071825	45.2	1000.0	0.200	17.7	65.1	110.2
0.236565	50.5	10000.0	9.000	17.1	49.6	100.0
0.751975	44.7	10000.0	9.000	16.6	25.3	70.1
2.647450	37.3	10000.0	9.000	14.7	32.2	69.5

Remark:
1. Corr. (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB)
2. Quasi Peak (dBµV/m) = Corr. (dB/m) + Read Level (dBµV)
3. Margin (dB) = Limit Line (dBµV/m) – Level (dBµV/m)

Applicant: ShuShu Papa Toy Company LLC
Date of Test: Jun 22, 2026 Model: 50007002
Worst Case Operating Mode: BT Link

ANT Polarity: Horizontal

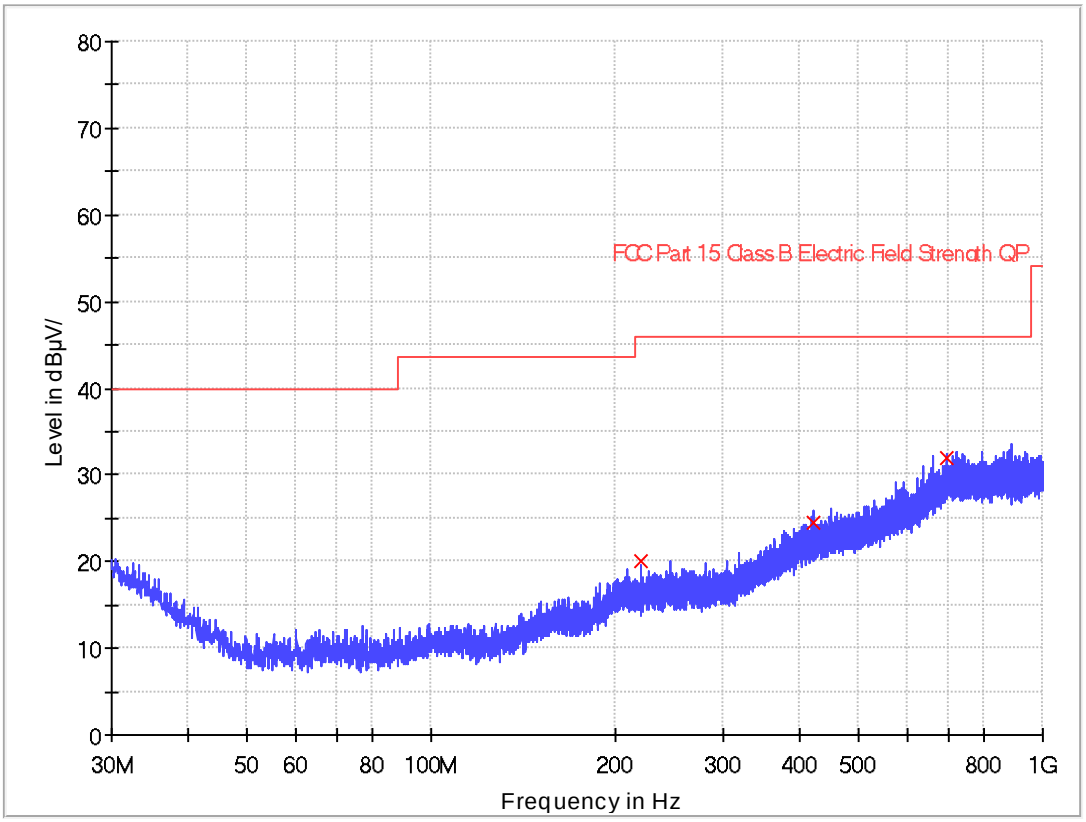


Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
257.691333	25.9	1000.0	120.000	H	20	20.1	46.0
417.256333	27.2	1000.0	120.000	H	25	18.8	46.0
662.698667	33.8	1000.0	120.000	H	30	12.2	46.0

Remark:
1. Corr. (dB/m)= Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
3. Margin (dB) = Limit Line(dBµV/m) – Level (dBµV/m)

Applicant: ShuShu Papa Toy Company LLC
Date of Test: Jun 22, 2026 Model: 50007002
Worst Case Operating Mode: BT Link

ANT Polarity: Vertical



Frequency (MHz)	QuasiPeak (dBuV/m)	Meas. Time (ms)	Bandwidth (kHz)	Polarization	Corr. (dB/m)	Margin - QPK (dB)	Limit - QPK (dBuV/m)
220.896000	20.2	1000.0	120.000	V	19	25.8	46.0
421.621333	24.5	1000.0	120.000	V	25	21.5	46.0
694.062000	32.0	1000.0	120.000	V	31	14.0	46.0

Remark:
1. Corr. (dB/m)= Antenna Factor (dB/m) + Cable Loss (dB)
2. QuasiPeak (dBµV/m)= Corr. (dB/m)+ Read Level (dBµV)
3. Margin (dB) = Limit Line(dBµV/m) – Level (dBµV/m)

4.1.4 Transmitter Spurious Emissions (Radiated)

Worst Case Radiated Emission
at
9920.000 MHz

For electronic filing, the worst case radiated emission configuration photograph is saved with filename: radiated photos. pdf.

The data on the following page lists the significant emission frequencies, the limit and the margin of compliance. Numbers with a minus sign are below the limit.

Judgement: Passed by 9.7 dB

TEST PERSONNEL:

Sign on file

Terry Tang, Assistant Supervisor
Typed/Printed Name

Jun 22, 2026
Date

Applicant: ShuShu Papa Toy Company LLC
Date of Test: Jun 22, 2026 Model: 50007002
Worst Case Operating Mode: Transmitting

Table 1

Radiated Emissions

(2402 MHz)

Polarization	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m (dBµV/m)	Peak Limit at 3m (dBµV/m)	Margin (dB)
Horizontal	2402.000	85.5	36.7	28.1	76.9	114.0	-37.1
Horizontal	4804.000	43.3	36.7	35.5	42.1	74.0	-31.9
Horizontal	7206.000	47.7	36.1	36.5	48.1	74.0	-25.9
Horizontal	9608.000	51.0	36.2	37.0	51.8	74.0	-22.2

Polarization	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m (dBµV/m)	Average Limit at 3m (dBµV/m)	Margin (dB)
Horizontal	2402.000	84.1	36.7	28.1	75.5	94.0	-18.5
Horizontal	4804.000	32.2	36.7	35.5	31.0	54.0	-23.0
Horizontal	7206.000	36.8	36.1	36.5	37.2	54.0	-16.8
Horizontal	9608.000	41.9	36.2	37.0	42.7	54.0	-11.3

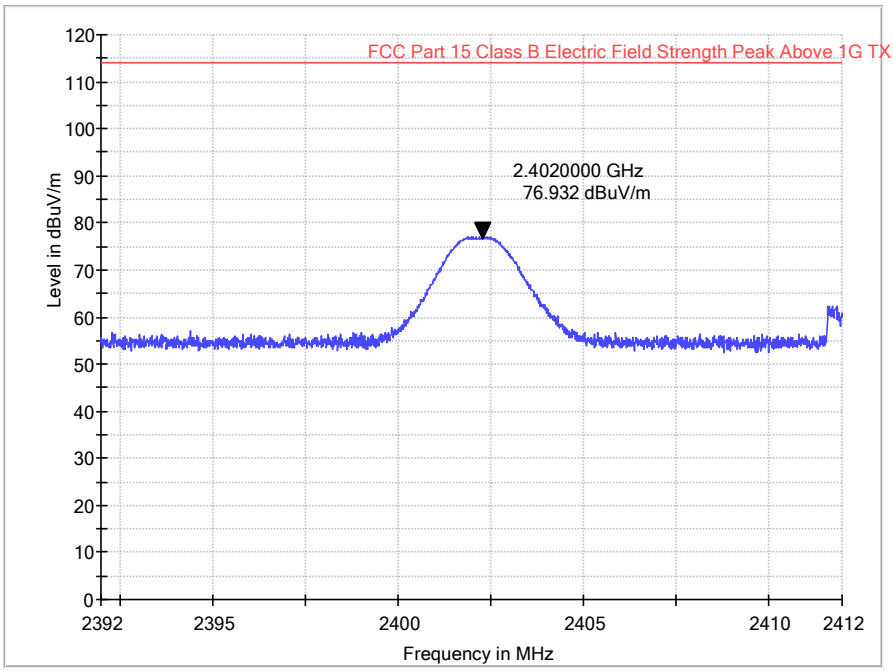
Notes:
1. Peak detector is used for the emission measurement (RBW=1MHz / VBW=3MHz for Peak value, and RBW=1MHz / VBW=10Hz for Average value; RBW=3MHz is used for fundamental emission measurement).

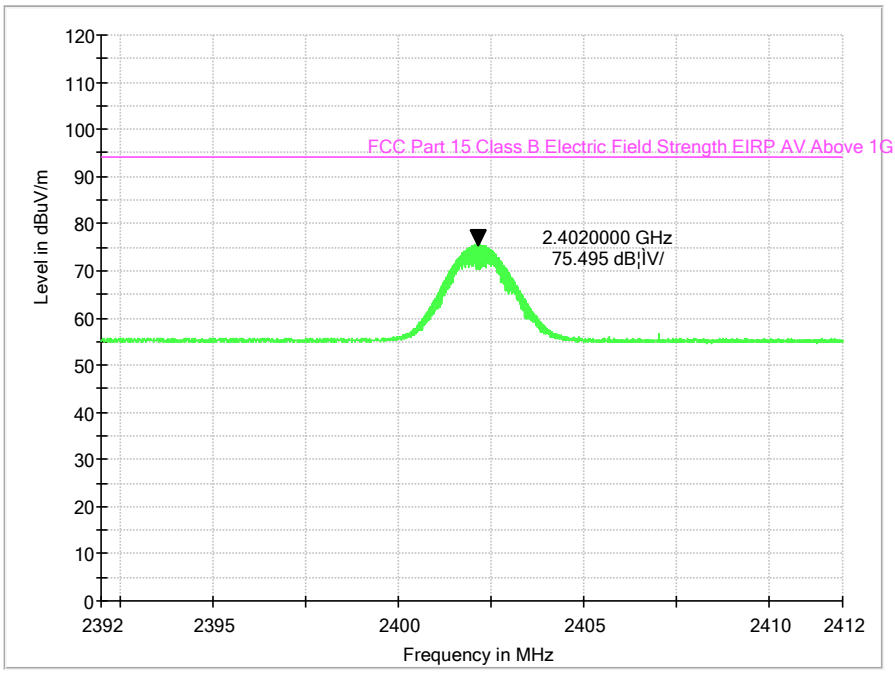
2. All measurements were made at 3 meter. Harmonic emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative value in the margin column shows emission below limit.

4. Horn antenna is used for the emission over 1000MHz.

5. All measurements were made in both horizontal and vertical directions. Only the worst direction of the test data is recorded in the report.


FCC Part 15 Class B Electric Field Strength Peak Above 1G TX
2.4020000 GHz
76.932 dBuV/m
Level in dBuV/m
Frequency in MHz
120
110
100
90
80
70
60
50
40
30
20
10
0
2392
2395
2400
2405
2410
2412


FCC Part 15 Class B Electric Field Strength EIRP AV Above 1G
2.4020000 GHz
75.495 dBµV/
Level in dBuV/m
Frequency in MHz
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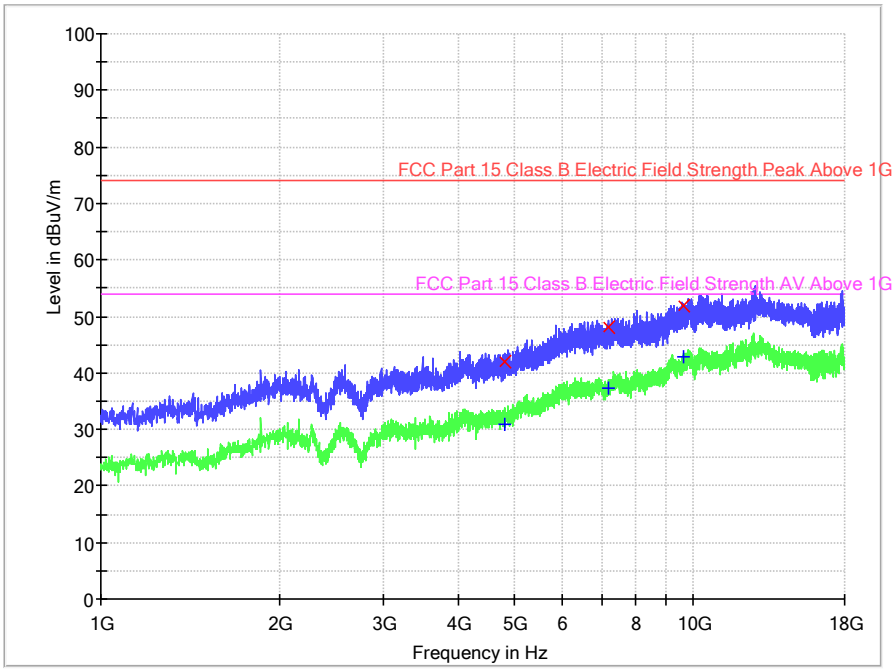
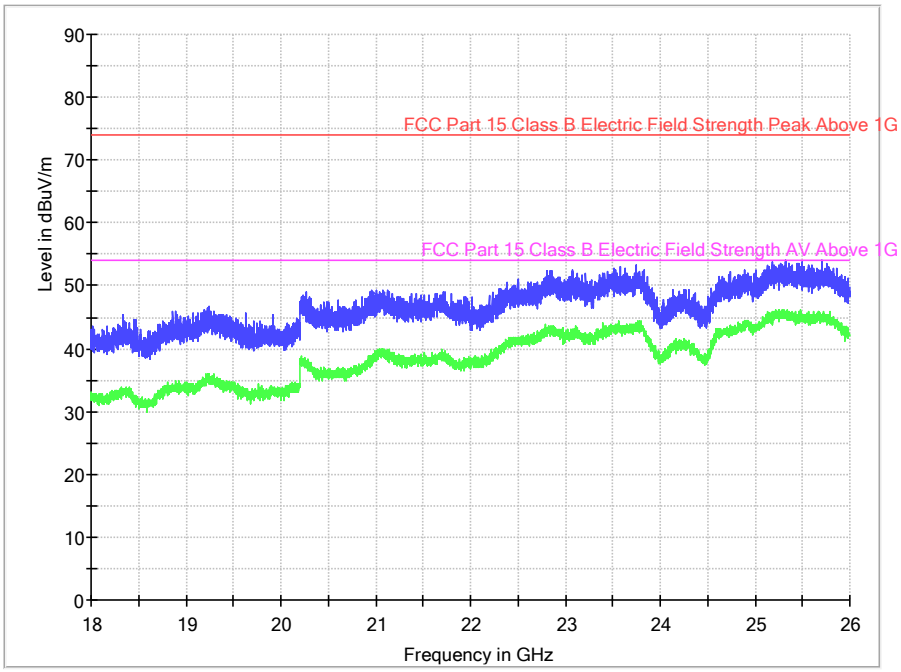
110
100
90
80
70
60
50
40
30
20
10
0
2392
2395
2400
2405
2410
2412



During the test, a 2.4-2.5GHz filter was added.



No emissions significantly above equipment noise floor.

Applicant: ShuShu Papa Toy Company LLC
Date of Test: Jun 22, 2026 Model: 50007002
Worst Case Operating Mode: Transmitting

Table 2

Radiated Emissions

(2440 MHz)

Polarization	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m (dBµV/m)	Peak Limit at 3m (dBµV/m)	Margin (dB)
Horizontal	2440.000	84.5	36.7	28.1	75.9	114.0	-38.1
Horizontal	4880.000	45.4	36.7	35.5	44.2	74.0	-29.8
Horizontal	7320.000	49.4	36.1	36.5	49.8	74.0	-24.2
Horizontal	9760.000	53.7	36.2	37.0	54.5	74.0	-19.5

Polarization	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m (dBµV/m)	Average Limit at 3m (dBµV/m)	Margin (dB)
Horizontal	2440.000	83.6	36.7	28.1	75.0	94.0	-19.0
Horizontal	4880.000	34.6	36.7	35.5	33.4	54.0	-20.6
Horizontal	7320.000	38.4	36.1	36.5	38.8	54.0	-15.2
Horizontal	9760.000	41.4	36.2	37.0	42.2	54.0	-11.8

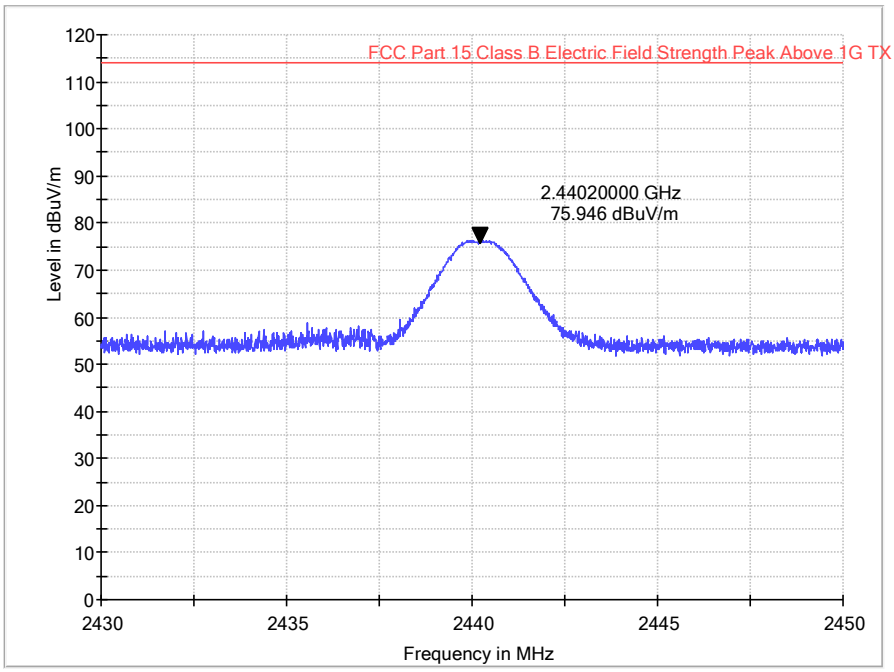
Notes:
1. Peak detector is used for the emission measurement (RBW=1MHz / VBW=3MHz for Peak value, and RBW=1MHz / VBW=10Hz for Average value; RBW=3MHz is used for fundamental emission measurement).

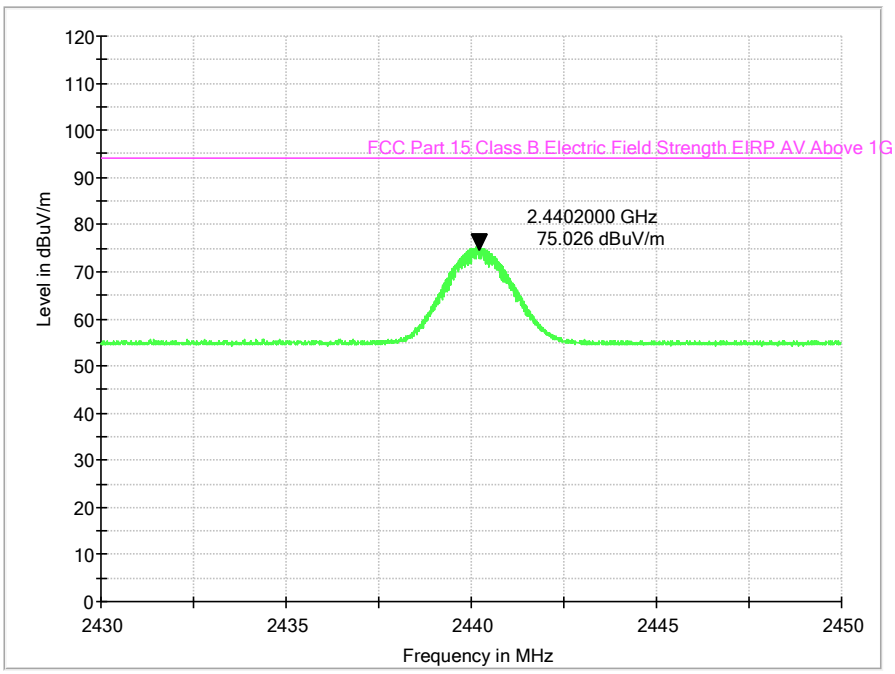
2. All measurements were made at 3 meter. Harmonic emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

3. Negative value in the margin column shows emission below limit.

4. Horn antenna is used for the emission over 1000MHz.

5. All measurements were made in both horizontal and vertical directions. Only the worst direction of the test data is recorded in the report.


FCC Part 15 Class B Electric Field Strength Peak Above 1G TX
2.44020000 GHz
75.946 dBuV/m
Level in dBuV/m
Frequency in MHz
120
110
100
90
80
70
60
50
40
30
20
10
0
2430
2435
2440
2445
2450


FCC Part 15 Class B Electric Field Strength EIRP AV Above 1G
2.4402000 GHz
75.026 dBuV/m
Level in dBuV/m
Frequency in MHz
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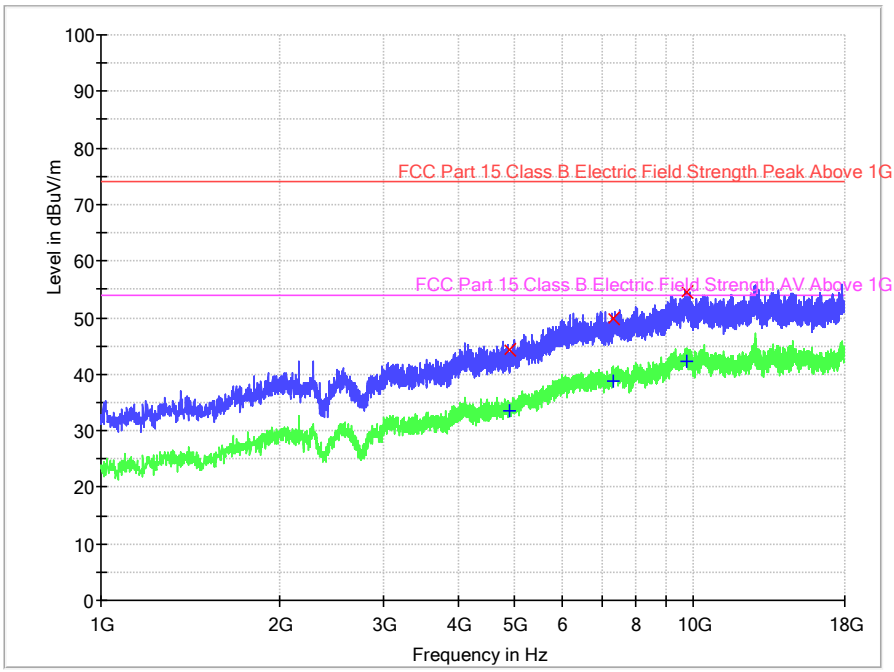
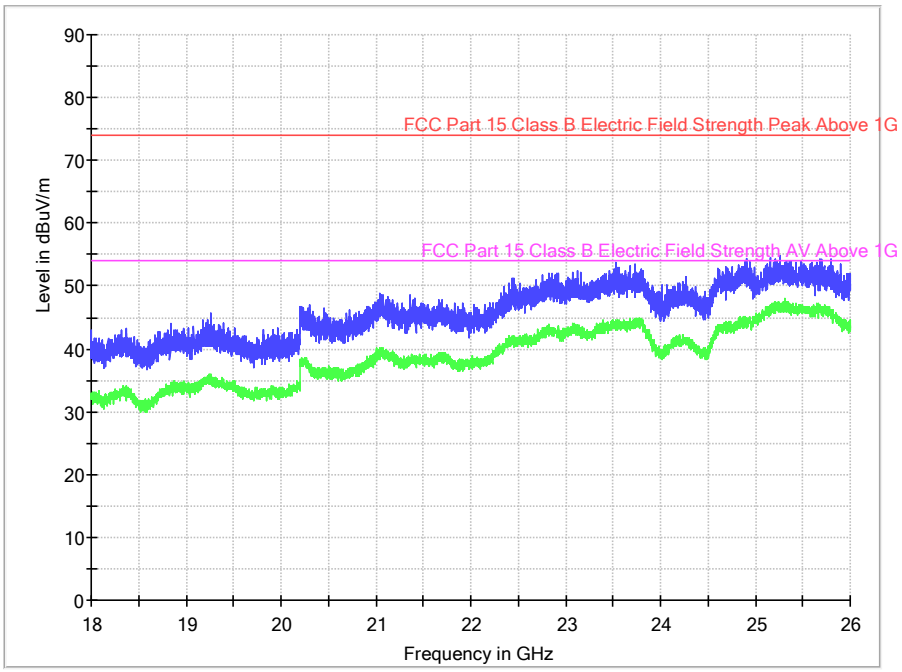
90
80
70
60
50
40
30
20
10
0
2430
2435
2440
2445
2450



During the test, a 2.4-2.5GHz filter was added.



No emissions significantly above equipment noise floor.

Applicant: ShuShu Papa Toy Company LLC
Date of Test: Jun 22, 2026 Model: 50007002
Worst Case Operating Mode: Transmitting

Table 3

Radiated Emissions

(2480 MHz)

Polarization	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m (dBµV/m)	Peak Limit at 3m (dBµV/m)	Margin (dB)
Horizontal	2480.000	84.0	36.7	28.1	75.4	114.0	-38.6
Horizontal	4960.000	44.4	36.7	35.5	43.2	74.0	-30.8
Horizontal	7440.000	49.2	36.1	36.5	49.6	74.0	-24.4
Horizontal	9920.000	53.5	36.2	37.0	54.3	74.0	-19.7

Polarization	Frequency (MHz)	Reading (dBµV)	Pre-Amp Gain (dB)	Antenna Factor (dB)	Net at 3m (dBµV/m)	Average Limit at 3m (dBµV/m)	Margin (dB)
Horizontal	2480.000	83.4	36.7	28.1	74.8	94.0	-19.2
Horizontal	4960.000	34.5	36.7	35.5	33.3	54.0	-20.7
Horizontal	7440.000	38.7	36.1	36.5	39.1	54.0	-14.9
Horizontal	9920.000	43.5	36.2	37.0	44.3	54.0	-9.7

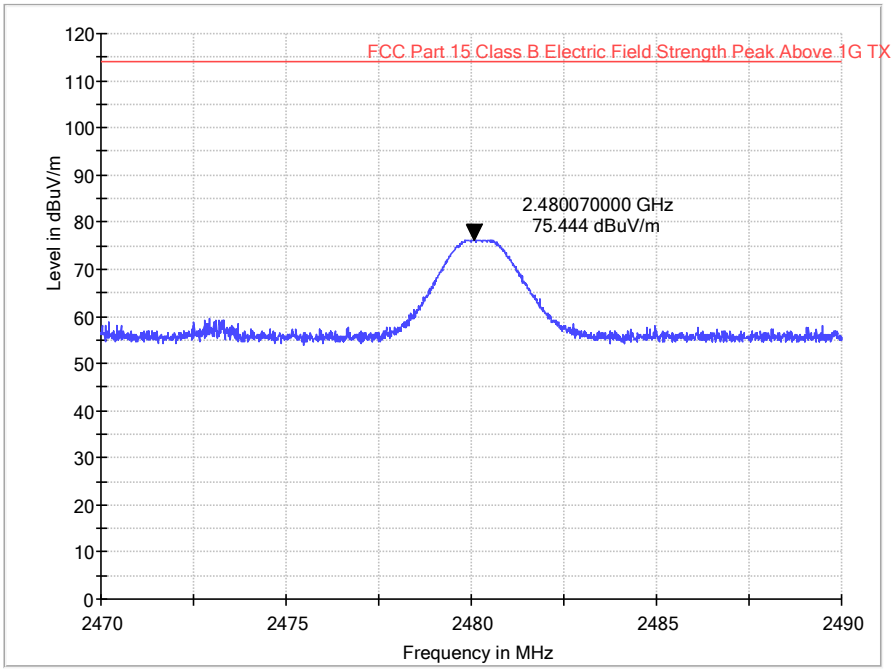
Notes:
1. Peak detector is used for the emission measurement (RBW=1MHz / VBW=3MHz for Peak value, and RBW=1MHz / VBW=10Hz for Average value; RBW=3MHz is used for fundamental emission measurement).

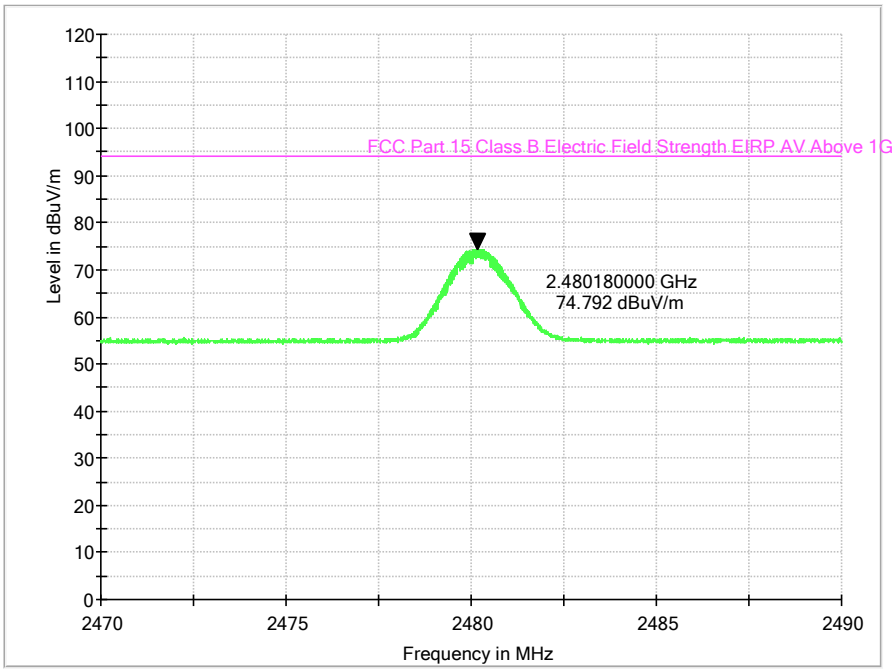
2. All measurements were made at 3 meter. Harmonic emissions not detected at the 3-meter distance were measured at 0.3-meter and an inverse proportional extrapolation was performed to compare the signal level to the 3-meter limit. No other harmonic emissions than those reported were detected at a test distance of 0.3-meter.

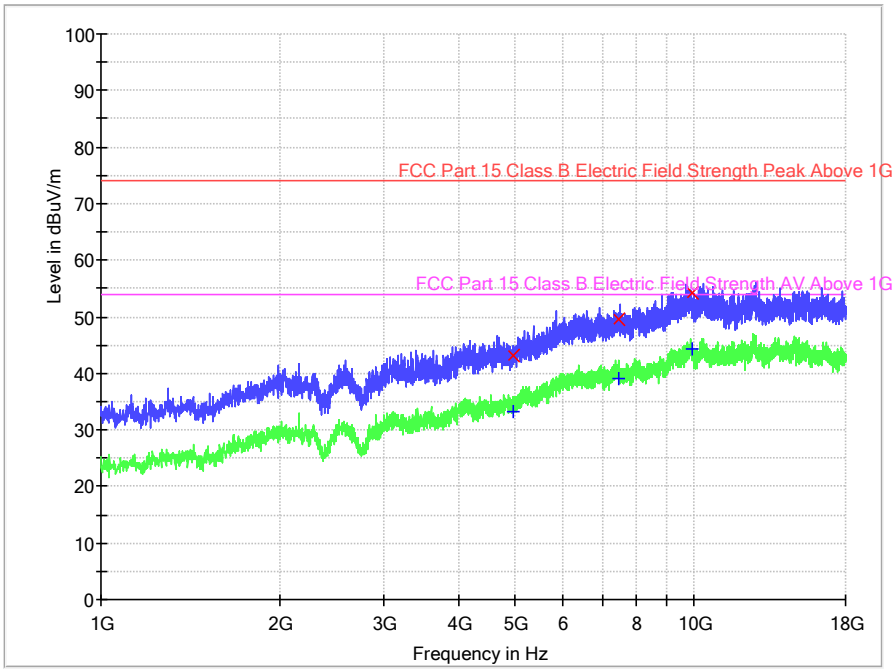
3. Negative value in the margin column shows emission below limit.

4. Horn antenna is used for the emission over 1000MHz.

5. All measurements were made in both horizontal and vertical directions. Only the worst direction of the test data is recorded in the report.

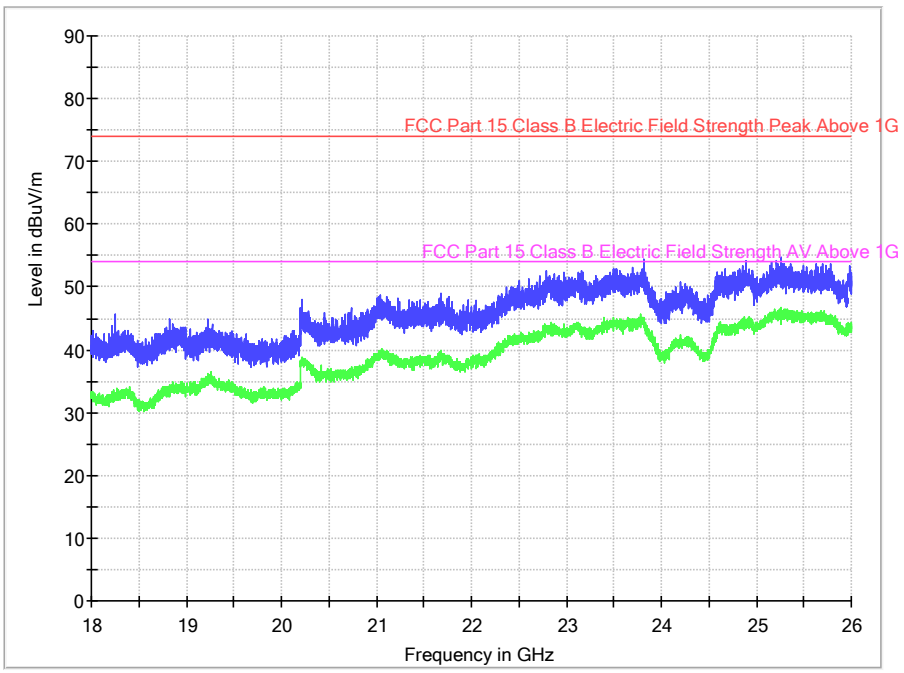

FCC Part 15 Class B Electric Field Strength Peak Above 1G TX
2.480070000 GHz
75.444 dBuV/m
Level in dBuV/m
Frequency in MHz
120
110
100
90
80
70
60
50
40
30
20
10
0
2470
2475
2480
2485
2490


FCC Part 15 Class B Electric Field Strength EIRP AV Above 1G
2.480180000 GHz
74.792 dBuV/m
Level in dBuV/m
Frequency in MHz
120
110
100
90
80
70
60
50
40
30
20
10
0
2470
2475
2480
2485
2490



During the test, a 2.4-2.5GHz filter was added.

Electric Field Strength 18-40 GdBuV



No emissions significantly above equipment noise floor.

5.0 Equipment Photographs

For electronic filing, the photographs of the tested EUT are saved with filename: external photos.pdf & internal photos.pdf.

6.0 Product Labelling

For electronic filing, the FCC ID label artwork and the label location are saved with filename: packaging.pdf.

7.0 Technical Specifications

For electronic filing, the block diagram and schematics of the tested EUT are saved with filename: block.pdf and circuit.pdf respectively.

8.0 Instruction Manual

For electronic filing, a preliminary copy of the Instruction Manual is saved with filename: manual.pdf.

This manual will be provided to the end-user with each unit sold/leased in the United States.

9.0 Miscellaneous Information

This miscellaneous information includes details of the measured bandedge, 20dB Bandwidth, the test procedure and calculation of factor such as pulse desensitization.

9.1 Bandedge Plot

The test plots are attached as below. From the below plots, the field strength of any emissions outside of the specified frequency band are attenuated to the general radiated emission limits in section 15.209. It fulfils the requirement of 15.249(d).

Peak Measurement

Bandedge compliance is determined by applying marker-delta method, i.e (Bandedge Plot).

(i) Lower channel 2402.000MHz:

Peak Resultant field strength = Fundamental emissions (peak value) – delta from the bandedge plot
= 76.9dBµV/m - 41.8dB
= 35.1dBµV/m

Average Resultant field strength = Fundamental emissions (average value) – delta from the bandedge plot
= 75.5dBµV/m - 41.8dB
= 33.7dBµV/m

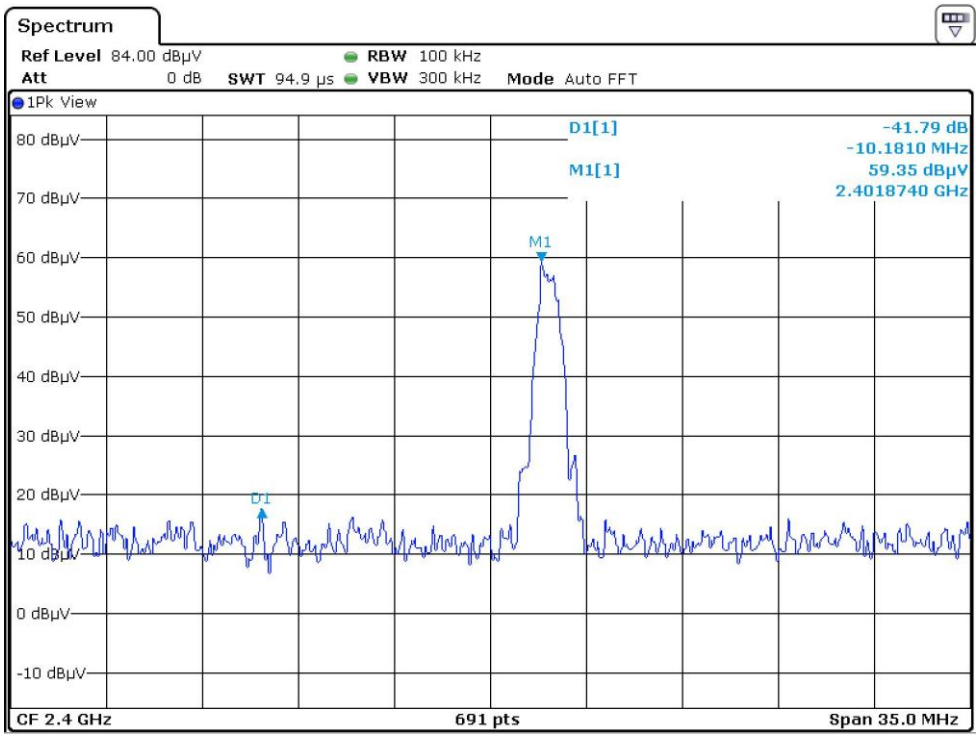
(ii) Upper channel 2480.000MHz:

Peak Resultant field strength = Fundamental emissions (peak value) – delta from the bandedge plot
= 75.4dBµV/m - 43.2dB
= 32.2dBµV/m

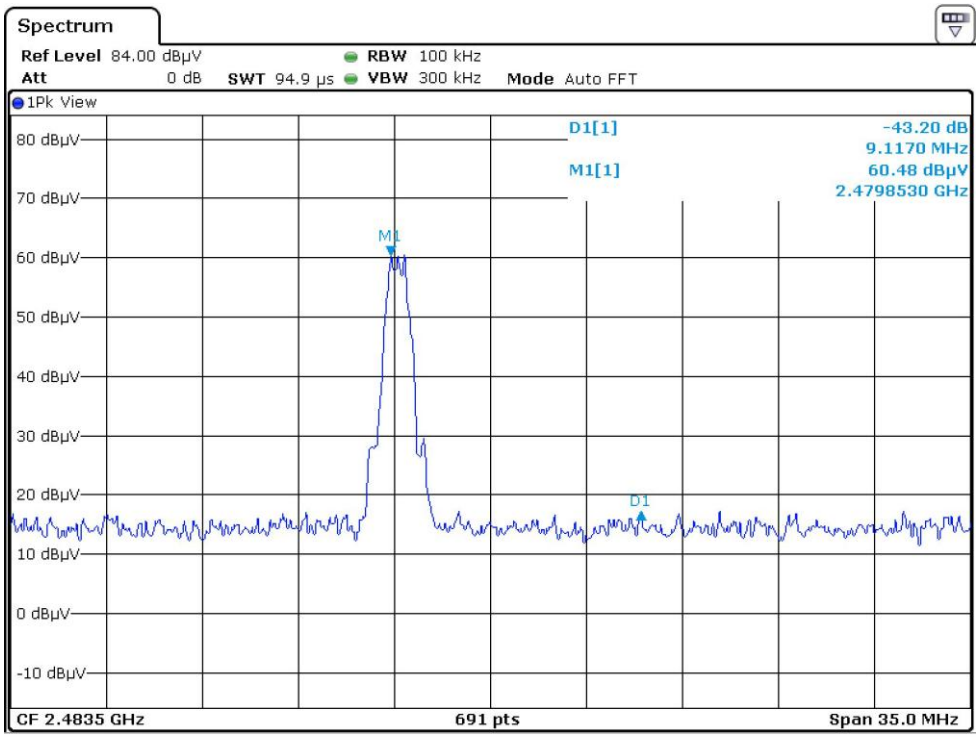
Average Resultant field strength = Fundamental emissions (average value) – delta from the bandedge plot
= 74.8dBµV/m - 43.2dB
= 31.6dBµV/m

The resultant field strength meets the general radiated emission limit in section 15.209, which does not exceed 74dBµv/m (Peak Limit) and 54dBµv/m (Average Limit).

Lowest frequency Channel

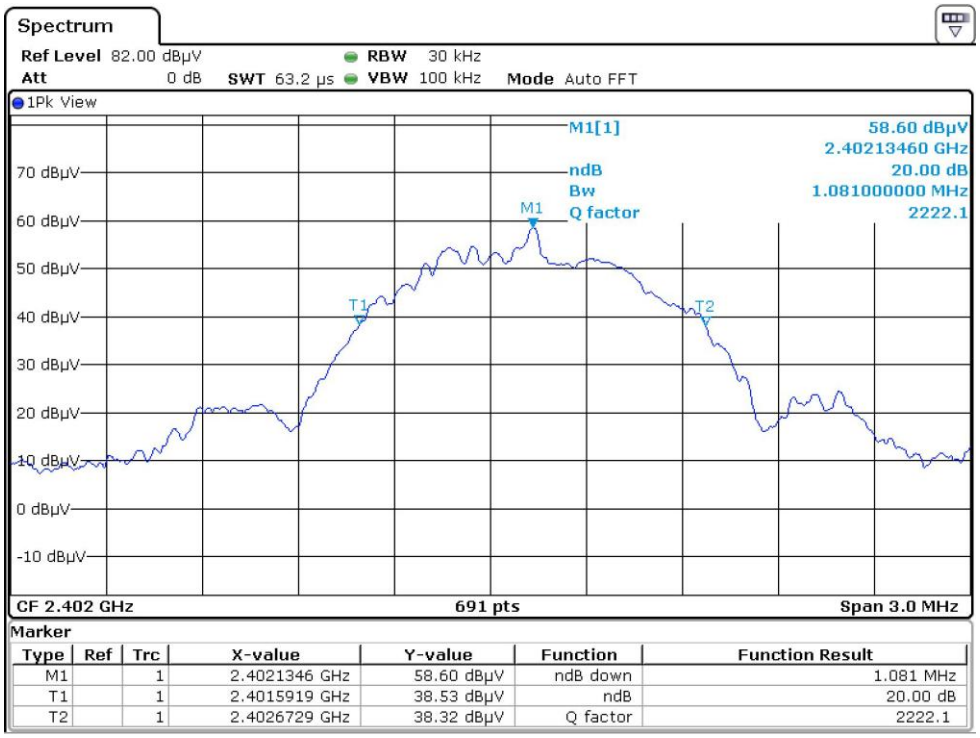


Highest frequency Channel



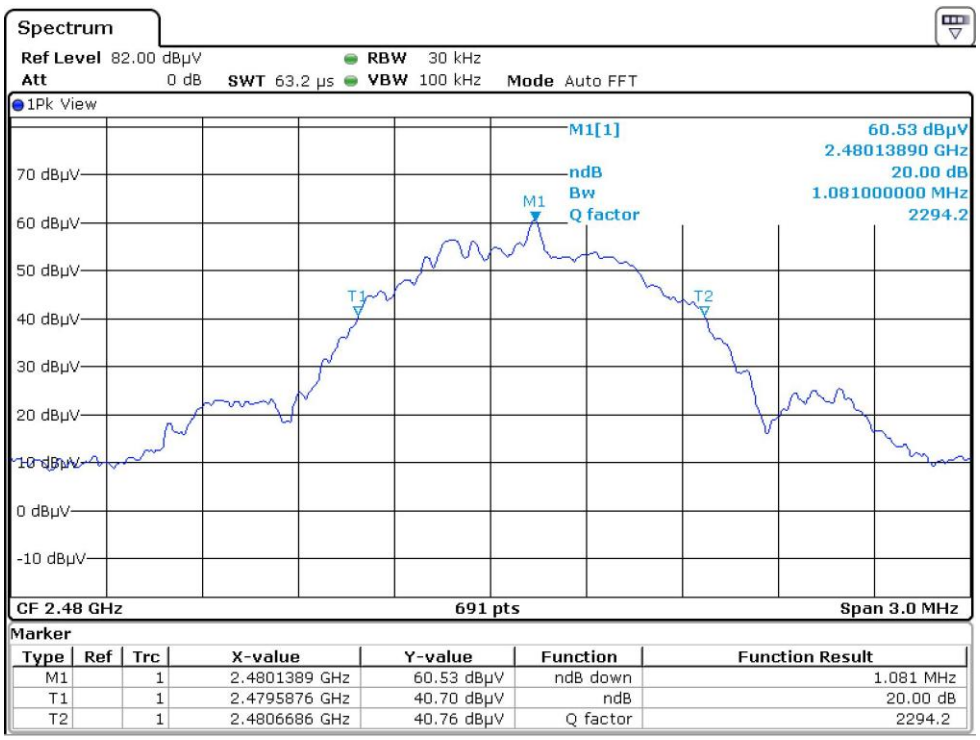
9.2 20dB bandwidth

Pursuant to FCC part 15 Section 15.215(c), the 20dB bandwidth of the emission was contained within the frequency band designated (mentioned as above) which the EUT operated. The effects, if any, from frequency sweeping, frequency hopping, other modulation techniques and frequency stability over excepted variations in temperature and supply voltage were considered. The test plots are reported as below.



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4021346 GHz	58.60 dBµV	ndB down	1.081 MHz
T1		1	2.4015919 GHz	38.53 dBµV	ndB	20.00 dB
T2		1	2.4026729 GHz	38.32 dBµV	Q factor	2222.1



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	2.4801389 GHz	60.53 dBµV	ndB down	1.081 MHz
T1		1	2.4795876 GHz	40.70 dBµV	ndB	20.00 dB
T2		1	2.4806686 GHz	40.76 dBµV	Q factor	2294.2

9.3 Discussion of Pulse Desensitization

Pulse desensitivity is not applicable for this device since the transmitter transmits the RF signal continuously.

9.4 Transmitter Duty Cycle Calculation, FCC Rule 15.35(b, c)

The EUT antenna output port was connected to the input of the spectrum analyzer. The analyzer center frequency was set to EUT RF channel carrier. The SWEP function on the analyzer was set to ZERO SPAN. The Transmitter ON time was determined from the resultant time-amplitude display:

	See attached spectrum analyzer chart (s) for Transmitter timing
	See Transmitter timing diagram provided by manufacturer
x	Not applicable, duty cycle was not used.

9.5 Emissions Test Procedures

The following is a description of the test procedure used by Intertek Testing Services in the measurements of transmitters operating under Part 15, Subpart C rules.

The test set-up and procedures described below are designed to meet the requirements of ANSI C63.10-2020+Cor. 1-2023.

The transmitting equipment under test (EUT) is placed on a styrene turntable which is four feet in diameter and approximately 0.8 meter up to 1GHz and 1.5 meter above 1GHz in height above the ground plane. During the radiated emissions test, the turntable is rotated and any cables leaving the EUT are manipulated to find the configuration resulting in maximum emissions. The EUT is adjust through all three orthogonal axes to obtain maximum emission levels. The antenna height and polarization are varied during the testing to search for maximum signal levels.

Detector function for radiated emissions is in peak mode. Average readings, when required, are taken by measuring the duty cycle of the equipment under test and subtracting the corresponding amount in dB from the measured peak readings. A detailed description for the calculation of the average factor can be found in section 9.4.

The frequency range scanned is from the lowest radio frequency signal generated in the device which is greater than 9 kHz to the tenth harmonic of the highest fundamental frequency or 40 GHz, whichever is lower.

Detector function for conducted emissions is in QP & AV mode and IFBW setting is 9 kHz from the frequency band 150 kHz to 30MHz.

9.5 Emissions Test Procedures (cont'd)

The EUT is warmed up for 15 minutes prior to the test.

AC power to the unit is varied from 85% to 115% nominal and variation in the fundamental emission field strength is recorded. If battery powered, a new, fully charged battery is used.

Conducted measurements are made as described in ANSI C63.10-2020+Cor. 1-2023.

The IF bandwidth used for measurement of radiated signal strength was 10 kHz for emission below 30 MHz and 120 kHz for emission from 30 MHz to 1000 MHz. Where pulsed transmissions of short enough pulse duration warrant, a greater bandwidth is selected according to the recommendations of Hewlett Packard Application Note 150-2. Above 1000 MHz, a resolution bandwidth of 1 MHz is used (RBW 3MHz used for fundamental emission).

Transmitter measurements are normally conducted at a measurement distance of three meters. However, to assure low enough noise floor in the restricted bands and above 1 GHz, signals are acquired at a distance of one meter or less. All measurements are extrapolated to three meters using inverse scaling, but those measurements taken at a closer distance are so marked.

10.0 Test Equipment List

Equipment No.	Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Due Date
SZ061-13	BiConiLog Antenna	ETS	3142E	00217919	29-May-2025	29-May-2028
SZ185-04	EMI Receiver	R & S	ESR7	102466	1-Nov-2025	1-Nov-2026
SZ061-08	Horn Antenna	ETS	3115	00092347	13-Sep-2024	13-Sep-2027
SZ061-07	Pyramidal Horn Antenna	ETS	3160-09	00083067	2025-09-11	2028-09-11
SZ061-06	Active Loop Antenna	Electro-Metrics	EM-6876	217	5-May-2024	5-May-2027
SZ061-15	Double-Ridged Waveguide Horn Antenna	ETS	3116C-PA	00224718	14-Jun-2024	14-Jun-2027
SZ056-06	Spectrum Analyzer	R&S	FSV40	101101	1-Nov-2025	1-Nov-2026
SZ181-04	Preamplifier	Agilent	8449B	3008A02474	13-Apr-2026	13-Apr-2027
SZ188-01	Anechoic Chamber	ETS	RFD-F/A-100	4102	12-Dec-2021	12-Dec-2026
SZ062-02	RF Cable	RADIALL	RG 213U	--	1-May -2026	1-Nov-2026
SZ062-05	RF Cable	RADIALL	0.04-26.5GHz	--	1-May -2026	1-Nov-2026
SZ062-12	RF Cable	RADIALL	0.04-26.5GHz	--	1-May -2026	1-Nov-2026
SZ067-04	Notch Filter	Micro-Tronics	BRM50702-02	--	13-Apr-2026	13-Apr-2027

********** End of Report**********