

Test Report

No.: AJT240103009E-1

Applicant Name : GUANGDONG HENGDI TECHNOLOGY CORP., LTD.
Applicant Address : BUILDING C, JINHUI INDUSTRIAL BUILDING, SOUTH OF YUTING ROAD, EAST OF TAIAN ROAD, CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA
Manufacturer : GUANGDONG HENGDI TECHNOLOGY CORP., LTD.
Manufacturer Address : BUILDING C, JINHUI INDUSTRIAL BUILDING, SOUTH OF YUTING ROAD, EAST OF TAIAN ROAD, CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA

The following samples were submitted and identified by/on behalf of the client as:

Sample Description : R/C TOYS
Model No. : ODY-04SI
Additional Model : ODY-03SI, 2320, 1303, FX632, 2403, 2202, 2205, 2205D, 2209, 2209H, 2301, 2303, 2305, 2306, 2308, 2310, 2313, 2314, K22, K24-3, K24-4, K24-5, K24-6, K24-9
Sample Received Date : 03 Jan, 2024
Testing Completed Date : 08 Jan, 2024

Tests conducted: For compliance with application, refer to attached page(s) for details.

Assess standard used:	Conclusion
FCC Part 15, Subpart C, Section 15.249 & ANSI C63,10-2013	PASS

Tested by:

Glory

Reviewed by:

Fly Liang

Approved by:

Cardo Jeng

Position: Technical Supervisor

Date: 2024-01-30



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1 Test Standards

The tests were performed according to following standards:
FCC Part 15, Subpart C, Section 15.249: Operation within the bands 902-928 MHz, 2400-2483.5 MHz, 5725-5875 MHz, and 24.0-24.25 GHz
ANSI C63,10-2013: American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices

2 Summary

2.1 General Remarks

Date of receipt of test sample	03 Jan, 2024
Testing commenced on	03 Jan, 2024 ---- 08 Jan, 2024
Testing concluded on	08 Jan, 2024

2.2 Final Assessment

Test Content:	Assessment
The RF requirements pertaining to the technical standards and tested operation modes are	Fulfilled
The equipment under test	Fulfilled the RF requirements

3 Equipment Under Test

3.1 Short description of the Equipment Under Test (EUT)

EUT Name	R/C TOYS
Model No.	ODY-04SI
FCC ID	2AWZK-2403
Number of Tested Samples	1
Power Supply Voltage	DC: 3.0V(AA*2)
Operating Mode	TX Mode
Operation Frequency	2405-2475MHz
Number of Channel	71
Modulation	GFSK
Antenna Type	Wire antenna
Antenna Gain	0dBi
NOTE: 1. The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual. The laboratory is not responsible for the accuracy of the information provided by manufacturer.	

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3.2 EUT Configuration

(The CDF filled by the applicant can be viewed at the test laboratory.)

The following peripheral devices and interface cables were connected during the measurement:

Not Applicable



3.3 Description of Test Modes

Pre-Scan has been conducted to determine the worst-case mode from all possible combinations between available modulations, data rates, XYZ axis and packet type. The worst case was found when the EUT was positioned on Y axis for radiated emission. The EUT was tested under the following mode.

EUT Configure Mode	Applicable to				Description
	RE < 1G	RE ≥ 1G	PLC	BW	DC 3.0V(AA*2)
A	√	√	N/A	√	

Where RE<1G: Radiated Emission below 1GHz

RE ≥ 1G: Radiated Emission above 1GHz

PLC: Power Line Conducted Emission

BW: 20dB bandwidth

Following channel(s) was (were) selected for the test as listed below.

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2405	11	2425	21	2452	31	2473
2	2406	12	2427	22	2453	32	2474
3	2407	13	2428	23	2454	33	2475
4	2408	14	2430	24	2456		
5	2409	15	2435	25	2459		
6	2410	16	2437	26	2462		
7	2411	17	2439	27	2469		
8	2414	18	2442	28	2470		
9	2418	19	2445	29	2471		
10	2422	20	2446	30	2472		

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Channel List

Channel	Frequency (MHz)
The lowest channel	2405
The middle channel	2439
The highest channel	2475

Note: The more detailed channel, please refer to the product specifications

4 Test Environment

4.1 Address of the test Laboratory

Test Laboratory:	AJT Testing Services Limited
Test Site:	1-2/F., NO.1, WENHUA SOUTH ROAD, CHENGHUA INDUSTRIAL ZONE, CHENGHAI DISTRICT, SHANTOU, GUANGDONG, CHINA
Tel:	86-754-85860999
Fax:	86-754-86984098

4.2 Environmental Conditions

During the measurement the environmental conditions were within the listed ranges:	
Temperature	15~35°C
Humidity	30~75%

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4.3 Statement of the Measurement Uncertainty

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. Furthermore, component and process variability of devices are similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Measurement Uncertainty (Standard: ETSI TR 100 028)	
Conducted Emission (CE)	±2.14dB
Radiated Emission below 1GHz	±4.44dB
Radiated Emission above 1GHz	±5.26dB
Occupied bandwidth	55.4kHz

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

4.4 Test Types and Results

Standard: FCC PART 15, SUBPART C (SECTION 15.249)		
Standard section	Test Type	Result
§15.209 & §15.249(a)	Radiated Emission (RE)	PASS
§15.215(c)	20dB Bandwidth	PASS
§15.207(a)	Conducted Emission (CE)	N/A
§15.203	Antenna Requirement	PASS
§15.205	Restricted Band Around Fundamental Frequency	PASS

5 Test Conditions and Results

5.1 Radiated Emission (RE)

For test instruments and accessories used see section 6

5.1.1 Test Procedures

- (1) The EUT was placed on the top of a rotating table 1.5 meters (above 1GHz) and 0.8 meters (below 1GHz) above the ground at a 3 meters semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- (2) The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- (3) The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

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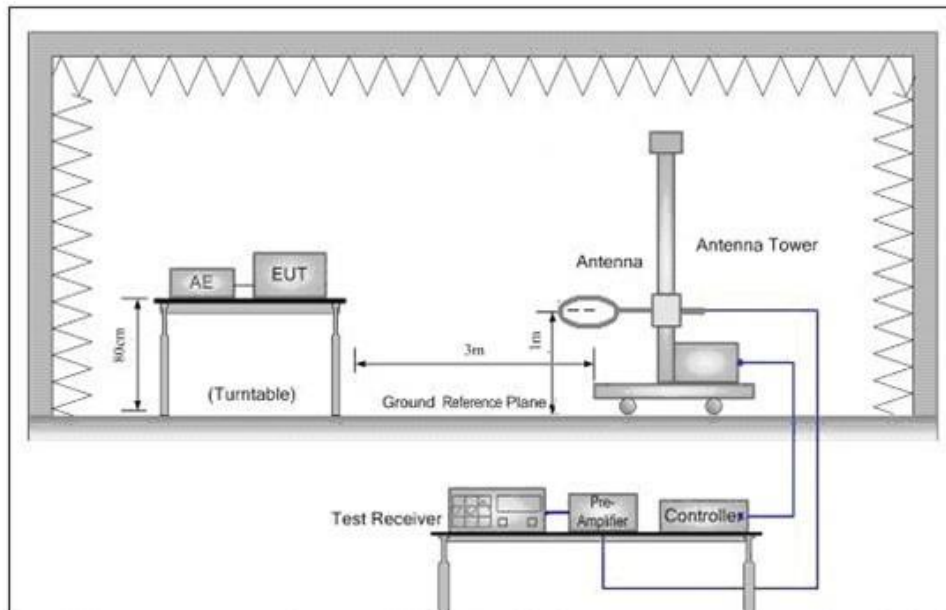
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- (4) For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- (5) The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- (6) For below 30MHz, a loop antenna with its vertical plane is place 3m from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. And the centre of the loop shall be 1m above the ground.
- (7) If the emission level of the EUT in peak mode was lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

Note:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Quasi-peak detection at frequency below 1GHz
2. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
3. All modes of operation were investigated and the worst-case emissions are reported
4. The testing of the EUT was performed on all 3 orthogonal axes; the worst-case test configuration was reported on the file test setup photo.

5.1.2 Test Setup



Below 30MHz

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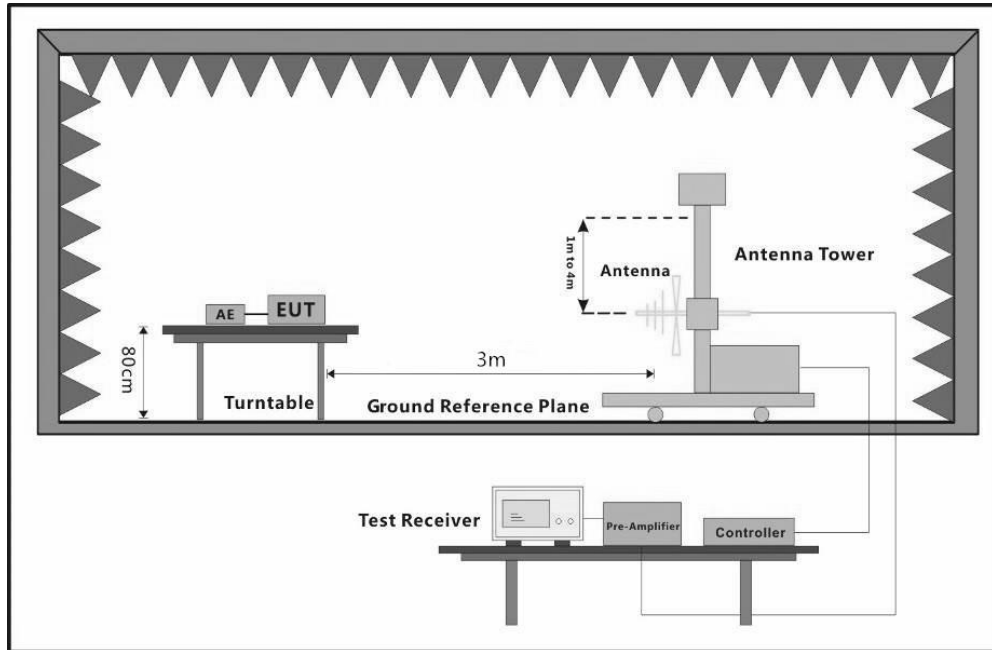
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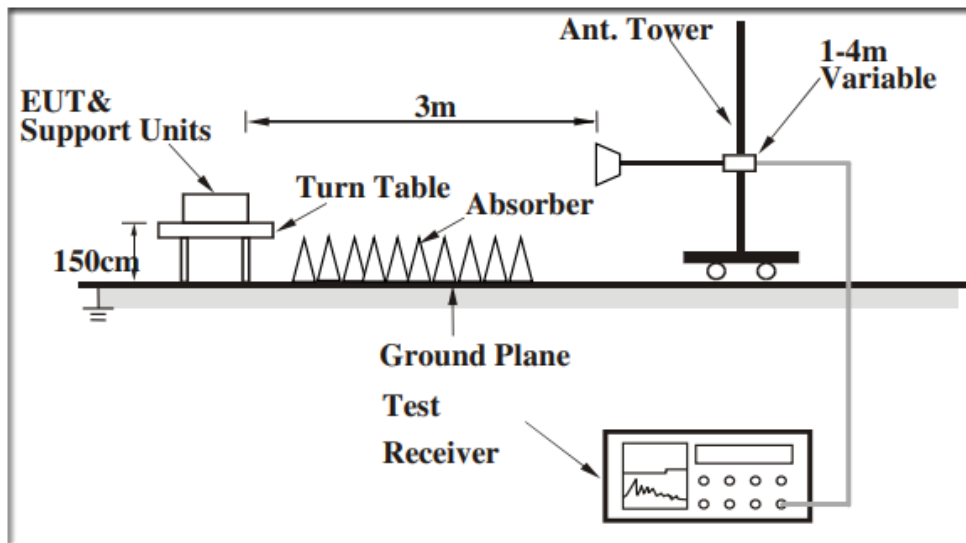
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30MHz-1000MHz



Above 1GHz

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5.1.3 Test Limits

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequencies (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
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3

According to §15.249(a), the field strength of emissions from intentional radiators operated within these frequency bands shall comply with the following:

Fundamental Frequency	Filed Strength of Fundamental (milli-volts/meter)	Field Strength of Harmonics (micro-volts/meter)
902 ~ 928 MHz	50	500
2400 ~ 2483.5 MHz	50	500
5725 ~5875 MHz	50	500
24.0 ~24.25 GHz	250	2500

The emission limit in this paragraph is based on measurement instrumentation employing an average detector. The provisions in §15.35 for limiting peak emissions apply.

Note:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBμV/m) = 20 log Emission level (μV/m).
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.
4. Emission from 9kHz to 30MHz is more than 20dB below the limit.

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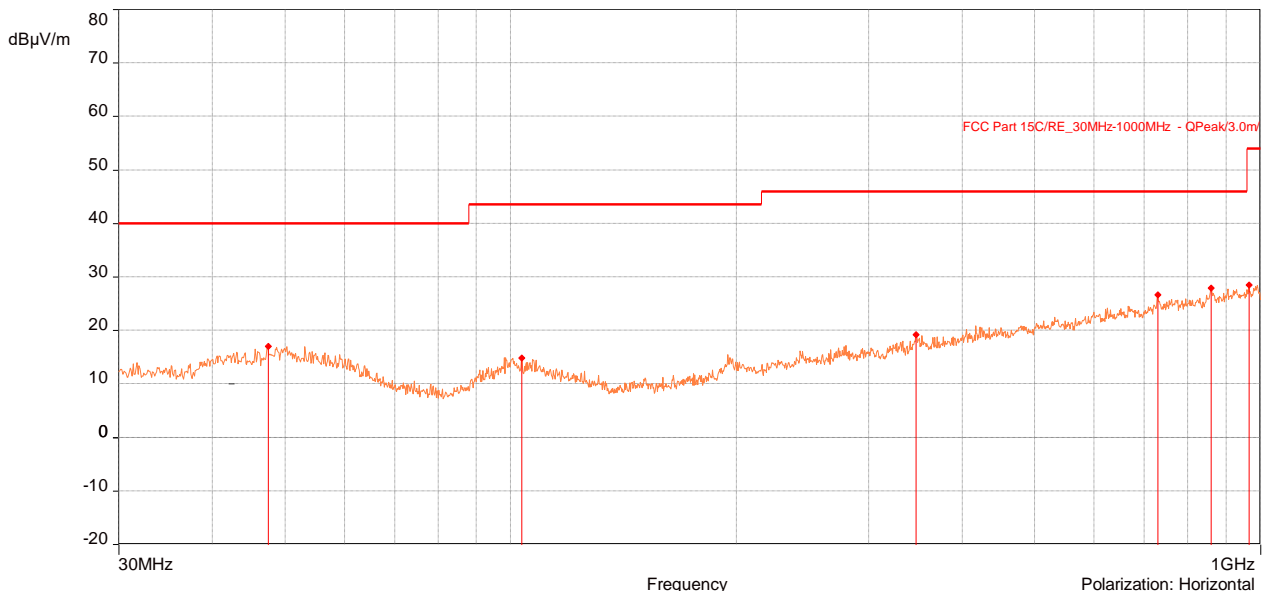
5.1.4 Test Results

The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

5.1.4.1 Radiated Emissions Test (Below 1GHz)

Test Point	Operation Mode	Result
Horizontal	TX mode	PASS

EUT Name	R/C TOYS
Operating Condition	DC: 3.0V(AA*2)
Channel	The Lowest Channel (2405MHz)
Test Condition	Ambient Temperature: 20°C Humidity: 52%RH



Frequency (MHz)	Peak (dBμV/m)	QP (dBμV/m)	QP Lim. (dBμV/m)	Margin (dB)	Angle (°)	Height (m)	Polarization
47.46	17.08	/	40.00	-22.92	0.00	1.01	Horizontal
103.429	14.91	/	43.50	-28.59	273.00	1.01	Horizontal
347.287	19.24	/	46.00	-26.76	164.00	1.01	Horizontal
729.661	26.71	/	46.00	-19.29	231.00	1.01	Horizontal
859.544	27.96	/	46.00	-18.04	137.00	1.99	Horizontal
965.468	28.55	/	54.00	-25.45	318.00	1.99	Horizontal

- 1.QP is abbreviation of Quasi-Peak
- 2.Margin = Emission Level - Limit Value
- 3.The emission levels of other frequencies were more than 20dB margin against the limit

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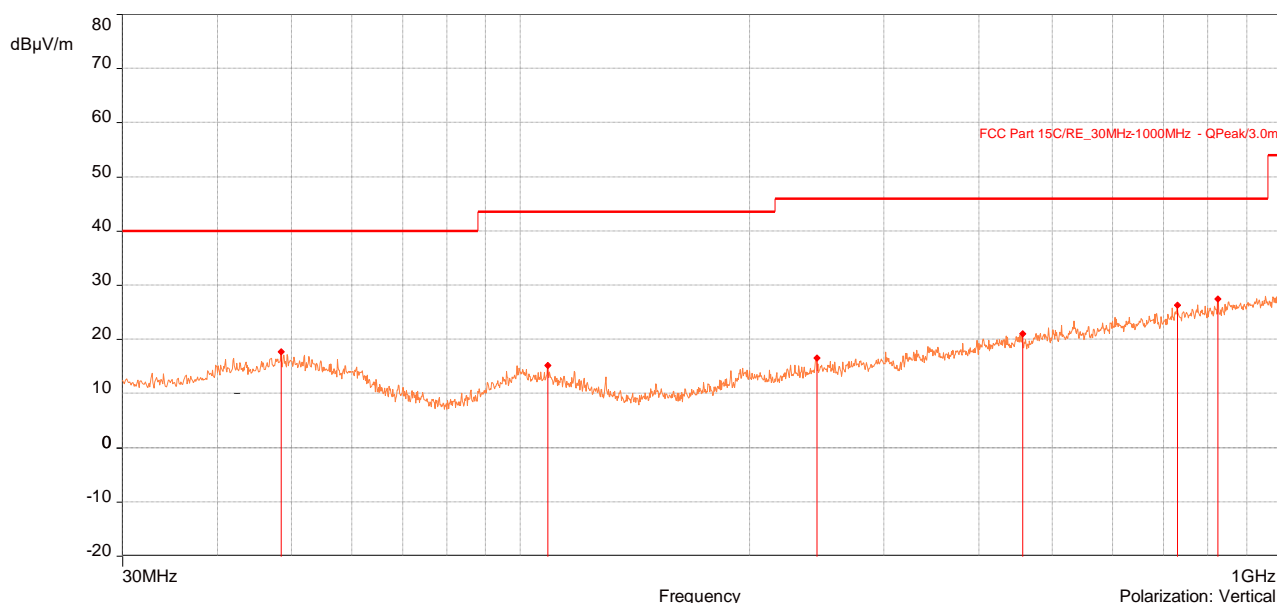
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Test Point	Operation Mode	Result
Vertical	TX mode	PASS

EUT Name	R/C TOYS
Operating Condition	DC: 3.0V(AA*2)
Channel	The Lowest Channel (2405MHz)
Test Condition	Ambient Temperature: 20°C Humidity: 52%RH



Frequency (MHz)	Peak (dBμV/m)	QP (dBμV/m)	QP Lim. (dBμV/m)	Margin (dB)	Angle (°)	Height (m)	Polarization
48.43	17.76	/	40.00	-22.24	322.00	1.02	Vertical
108.57	15.26	/	43.50	-28.24	177.00	2.00	Vertical
244.855	16.62	/	46.00	-29.38	297.00	1.02	Vertical
456.218	21.11	/	46.00	-24.89	68.00	1.02	Vertical
728.982	26.31	/	46.00	-19.69	193.00	1.02	Vertical
824.721	27.44	/	46.00	-18.56	191.00	1.02	Vertical

- 1.QP is abbreviation of Quasi-Peak
- 2.Margin = Emission Level - Limit Value
- 3.The emission levels of other frequencies were more than 20dB margin against the limit

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5.1.4.2 Radiated Emissions Test (Above 1GHz)

EUT Name	R/C TOYS		
Channel	The Lowest Channel (2405MHz)	Detector Function	Peak (PK) Average (AV)
Frequency Range	Above 1GHz	Result	PASS

Antenna Polarity & Test Distance: Horizontal At 3m								
Frequency (MHz)	Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Angle (°)	Polarization	Correction (dB)	Detector
2400	39.38	54.00	-14.62	1.48	107.00	Horizontal	-27.18	Average
*2405.04	65.50	94.00	-28.50	1.48	122.00	Horizontal	-27.18	Average
4811.1	40.47	54.00	-13.53	2.00	210.00	Horizontal	-27.18	Average
7214.6	35.33	54.00	-18.67	1.01	232.00	Horizontal	-27.18	Average
2400	66.56	74.00	-7.44	1.48	107.00	Horizontal	-2.84	Peak
*2405.04	92.68	114.00	-21.32	1.48	122.00	Horizontal	-2.79	Peak
4811.1	67.65	74.00	-6.35	2.00	210.00	Horizontal	2.93	Peak
7214.6	62.51	74.00	-11.49	1.01	232.00	Horizontal	9.70	Peak
Antenna Polarity & Test Distance: Vertical At 3m								
Frequency (MHz)	Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Angle (°)	Polarization	Correction (dB)	Detector
2400	44.98	54.00	-9.02	1.48	118.00	Vertical	-27.18	Average
*2405.04	72.60	94.00	-21.40	1.48	100.00	Vertical	-27.18	Average
4809.95	37.76	54.00	-16.24	1.99	239.00	Vertical	-27.18	Average
7215.75	32.53	54.00	-21.47	1.00	238.00	Vertical	-27.18	Average
#2400	72.16	74.00	-1.84	1.48	118.00	Vertical	-2.84	Peak
*2405.04	99.78	114.00	-14.22	1.48	100.00	Vertical	-2.79	Peak
4809.95	64.94	74.00	-9.06	1.99	239.00	Vertical	2.94	Peak
7215.75	59.71	74.00	-14.29	1.00	238.00	Vertical	9.69	Peak
Remarks: 1. Emission level (dBμV/m) = Raw Value (dBμV) + Correction Factor (dB/m) 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) 3. The emission levels of other frequencies were more than 20dB margin against the limit. 4. Margin = Emission level - Limit value 5. " * ": Fundamental frequency. 6. The average value of fundamental frequency is: Average value = Peak value +AV factor, where the AV factor is calculated from following formula: AV factor=20 log (Duty cycle) = 20 log (4.38%) = -27.18dB, please see 5.1.4.3. #Marginal pass.								

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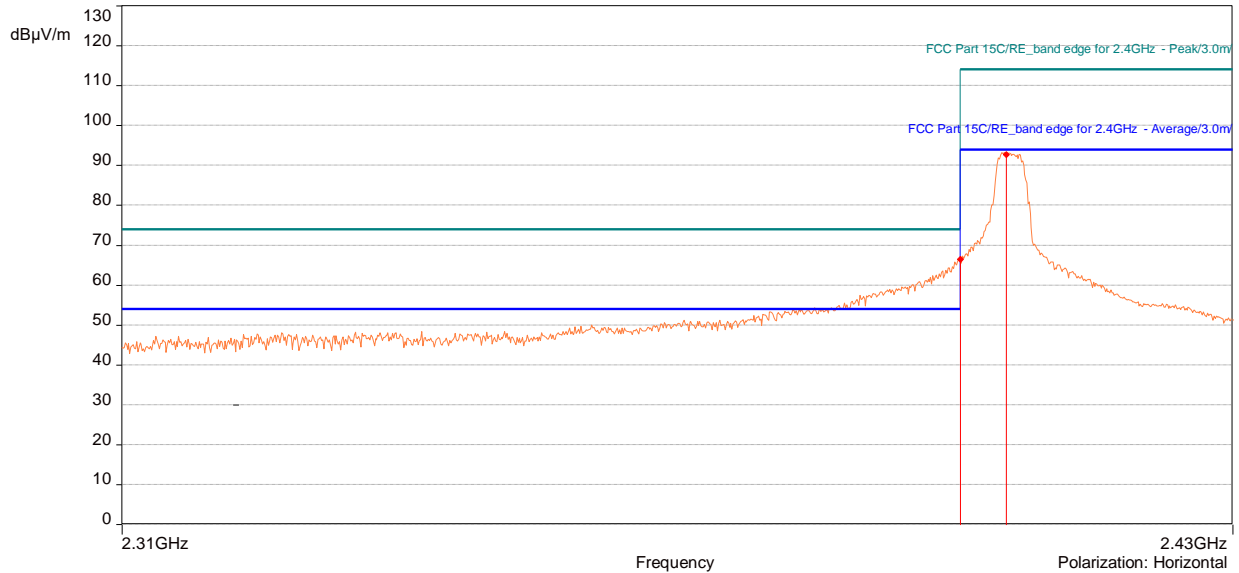
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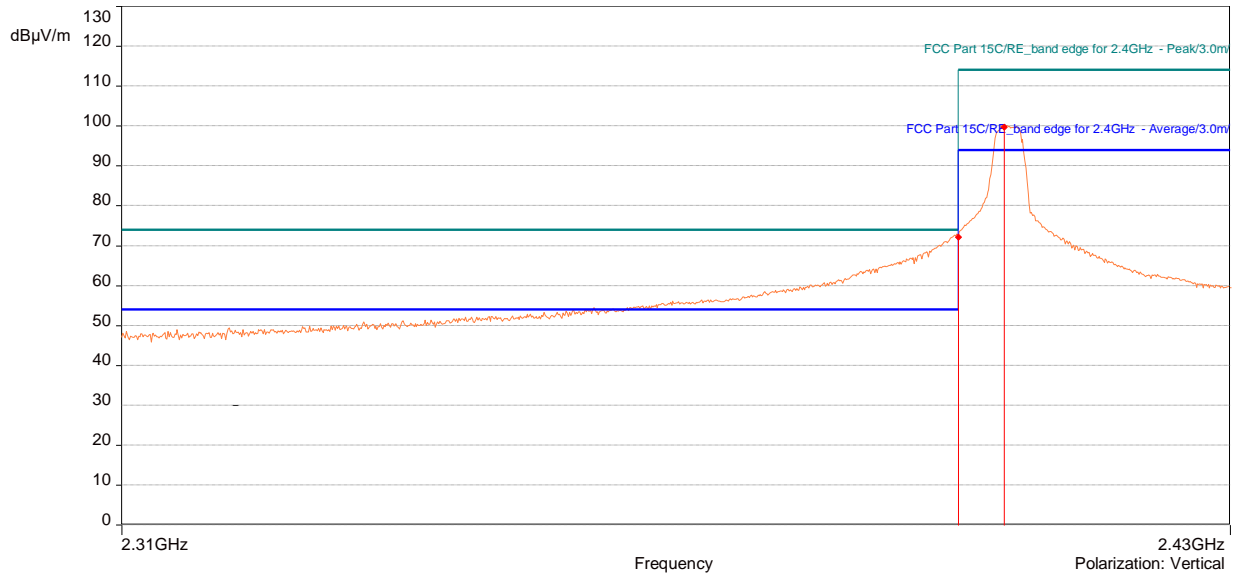
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Band Edge Plot

2405MHz Horizontal



2405MHz Vertical



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Test Report

No.: AJT240103009E-1

EUT Name	R/C TOYS		
Channel	The Middle Channel (2439MHz)	Detector Function	Peak (PK) Average (AV)
Frequency Range	Above 1GHz	Result	PASS

Antenna Polarity & Test Distance: Horizontal At 3m								
Frequency (MHz)	Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Angle (°)	Polarization	Correction (dB)	Detector
*2438.9945	67.32	94.00	-26.68	1.48	274.00	Horizontal	-27.18	Average
4878.95	37.16	54.00	-16.84	2.00	221.00	Horizontal	-27.18	Average
7318.1	34.08	54.00	-19.92	2.00	233.00	Horizontal	-27.18	Average
*2438.9945	94.50	114.00	-19.50	1.48	274.00	Horizontal	-2.89	Peak
4878.95	64.34	74.00	-9.66	2.00	221.00	Horizontal	2.23	Peak
7318.1	61.26	74.00	-12.74	2.00	233.00	Horizontal	9.33	Peak
Antenna Polarity & Test Distance: Vertical At 3m								
Frequency (MHz)	Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Angle (°)	Polarization	Correction (dB)	Detector
*2438.9945	74.83	94.00	-19.17	1.50	238.00	Vertical	-27.18	Average
4877.8	32.82	54.00	-21.18	1.99	245.00	Vertical	-27.18	Average
7316.95	31.25	54.00	-22.75	1.00	37.00	Vertical	-27.18	Average
*2438.9945	102.01	114.00	-11.99	1.50	238.00	Vertical	-2.89	Peak
4877.8	60.00	74.00	-14.00	1.99	245.00	Vertical	2.23	Peak
7316.95	58.43	74.00	-15.57	1.00	37.00	Vertical	9.33	Peak
Remarks: 1. Emission level (dBμV/m) = Raw Value (dBμV) + Correction Factor (dB/m) 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) 3. The emission levels of other frequencies were more than 20dB margin against the limit. 4. Margin = Emission level - Limit value 5. " * ": Fundamental frequency. 6. The average value of fundamental frequency is: Average value = Peak value +AV factor, where the AV factor is calculated from following formula: AV factor=20 log (Duty cycle) = 20 log (4.38%) = -27.18dB, please see 5.1.4.3.								

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Test Report

No.: AJT240103009E-1

EUT Name	R/C TOYS		
Channel	The Highest Channel (2475MHz)	Detector Function	Peak (PK) Average (AV)
Frequency Range	Above 1GHz	Result	PASS

Antenna Polarity & Test Distance: Horizontal At 3m								
Frequency (MHz)	Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Angle (°)	Polarization	Correction (dB)	Detector
*2475	67.78	94.00	-26.22	1.50	249.00	Horizontal	-27.18	Average
2483.5	34.10	54.00	-19.90	1.50	275.00	Horizontal	-27.18	Average
4951.4	32.60	54.00	-21.40	2.00	292.00	Horizontal	-27.18	Average
7425.05	33.46	54.00	-20.54	1.02	236.00	Horizontal	-27.18	Average
*2475	94.96	114.00	-19.04	1.50	249.00	Horizontal	-2.83	Peak
2483.5	61.28	74.00	-12.72	1.50	275.00	Horizontal	-2.86	Peak
4951.4	59.78	74.00	-14.22	2.00	292.00	Horizontal	2.66	Peak
7425.05	60.64	74.00	-13.36	1.02	236.00	Horizontal	9.53	Peak
Antenna Polarity & Test Distance: Vertical At 3m								
Frequency (MHz)	Emission Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (m)	Angle (°)	Polarization	Correction (dB)	Detector
*2475	74.86	94.00	-19.14	1.50	91.00	Vertical	-27.18	Average
2483.5	43.64	54.00	-10.36	1.50	85.00	Vertical	-27.18	Average
4950.25	30.41	54.00	-23.59	1.98	267.00	Vertical	-27.18	Average
7426.2	31.01	54.00	-22.99	1.00	37.00	Vertical	-27.18	Average
*2475	102.04	114.00	-11.96	1.50	91.00	Vertical	-2.83	Peak
2483.5	70.82	74.00	-3.18	1.50	85.00	Vertical	-2.86	Peak
4950.25	57.59	74.00	-16.41	1.98	267.00	Vertical	2.65	Peak
7426.2	58.19	74.00	-15.81	1.00	37.00	Vertical	9.53	Peak
Remarks: 1. Emission level (dBμV/m) = Raw Value (dBμV) + Correction Factor (dB/m) 2. Correction Factor (dB/m) = Antenna Factor (dB/m) + Cable Factor (dB) 3. The emission levels of other frequencies were more than 20dB margin against the limit. 4. Margin = Emission level - Limit value 5. " * ": Fundamental frequency. 6. The average value of fundamental frequency is: Average value = Peak value +AV factor, where the AV factor is calculated from following formula: AV factor=20 log (Duty cycle) = 20 log (4.38%) = -27.18dB, please see 5.1.4.3.								

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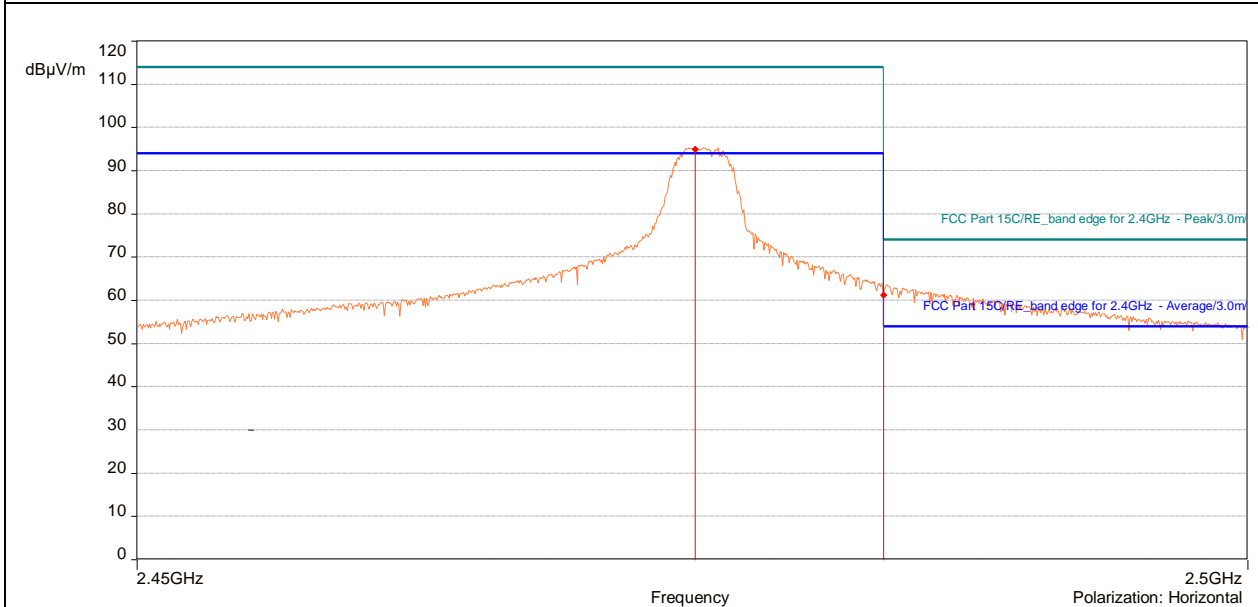
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Test Report

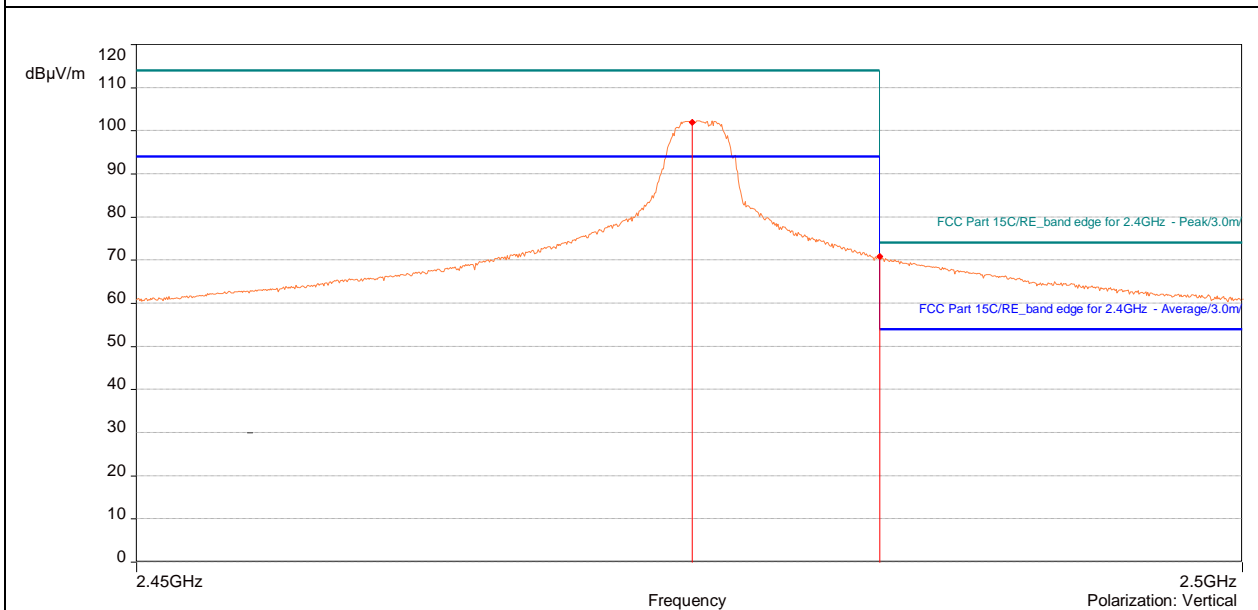
No.: AJT240103009E-1

Band Edge Plot

2475MHz Horizontal



2475MHz Vertical



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Test Report

No.: AJT240103009E-1

5.1.4.3 Calculation of Average Factor

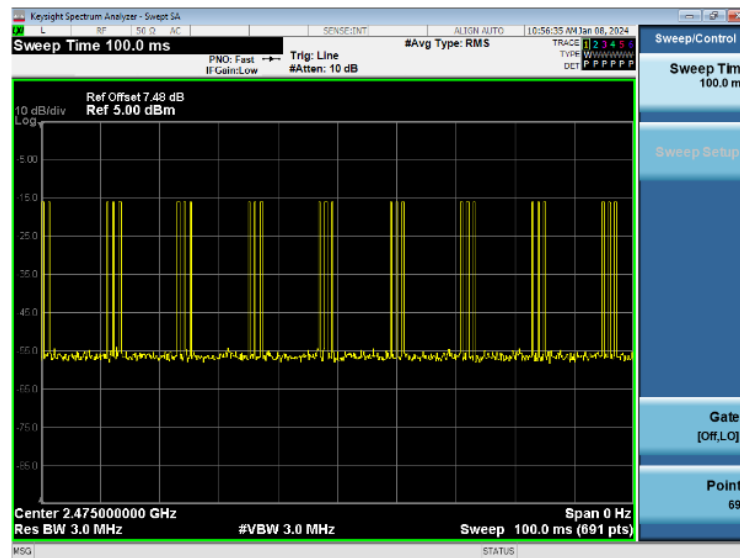
Effective period of the cycle = 0.174ms

The duration of one cycle = 11.930ms

Duty Cycle = $0.174\text{ms} \times 3 / 11.930\text{ms} = 4.38\%$

Averaging factor in dB = $20 \log(\text{duty cycle}) = 20 \log(4.38\%) = -27.18\text{dB}$

100ms Duty Cycle



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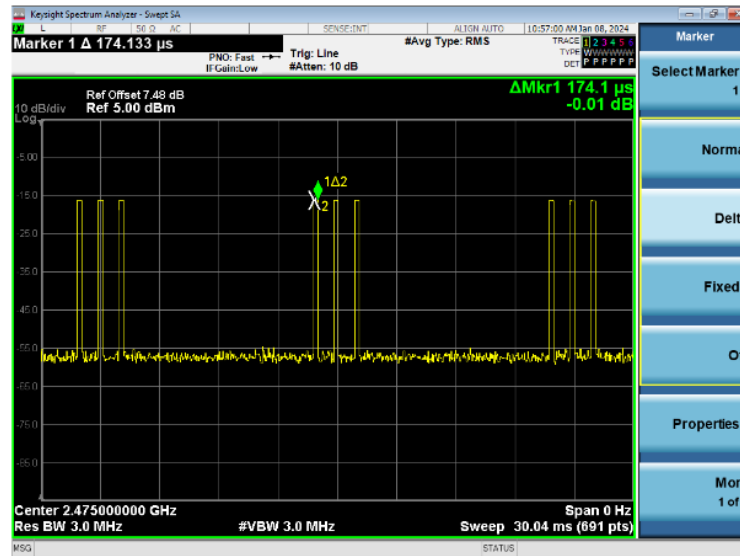
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Tel: 86-754-85860999 Fax: 86-754-86984098 Website: www.ajtesting.com Email: info@ajtesting.com

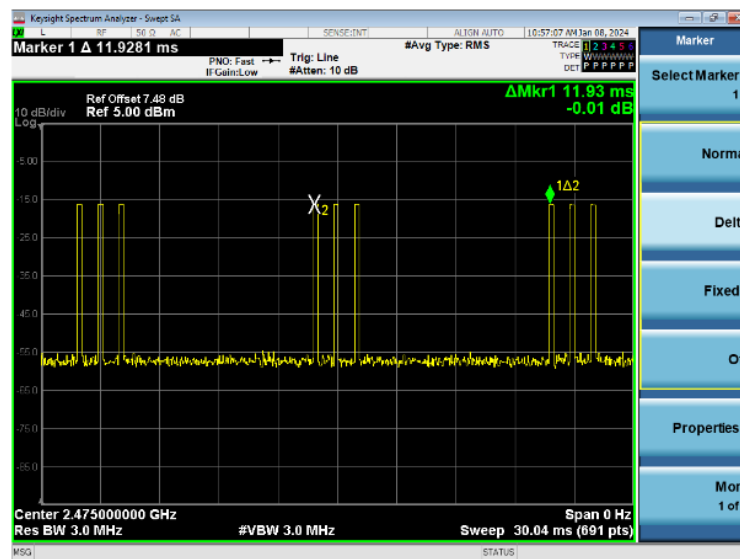
Test Report

No.: AJT240103009E-1

Ton of one cycle



The duration of one cycle



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Test Report

No.: AJT240103009E-1

5.2 20dB Bandwidth

For test instruments and accessories used see section 6

5.2.1 Test Procedures

- (1) Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
- (2) Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
- (3) Measure the frequency difference of two frequencies that were attenuated 20dB from the reference level. Record the frequency difference as the emission bandwidth.
- (4) Repeat above procedures until all frequencies measured were complete.

5.2.2 Test Setup



5.2.3 Test Limits

According to FCC 15.215(c), must be designed to ensure that the 20dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

5.2.4 Test Results

Channel	frequency (MHz)	20dB Bandwidth (MHz)
The lowest channel	2405	2.904
The middle channel	2439	2.288
The highest channel	2475	1.856

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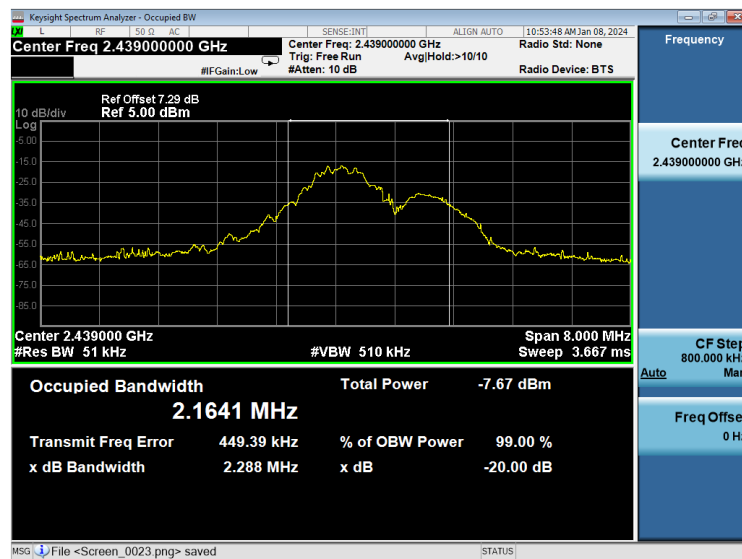
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No.: AJT240103009E-1



2405MHz



2439MHz

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Test Report

No.: AJT240103009E-1



2475MHz

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Test Report

No.: AJT240103009E-1

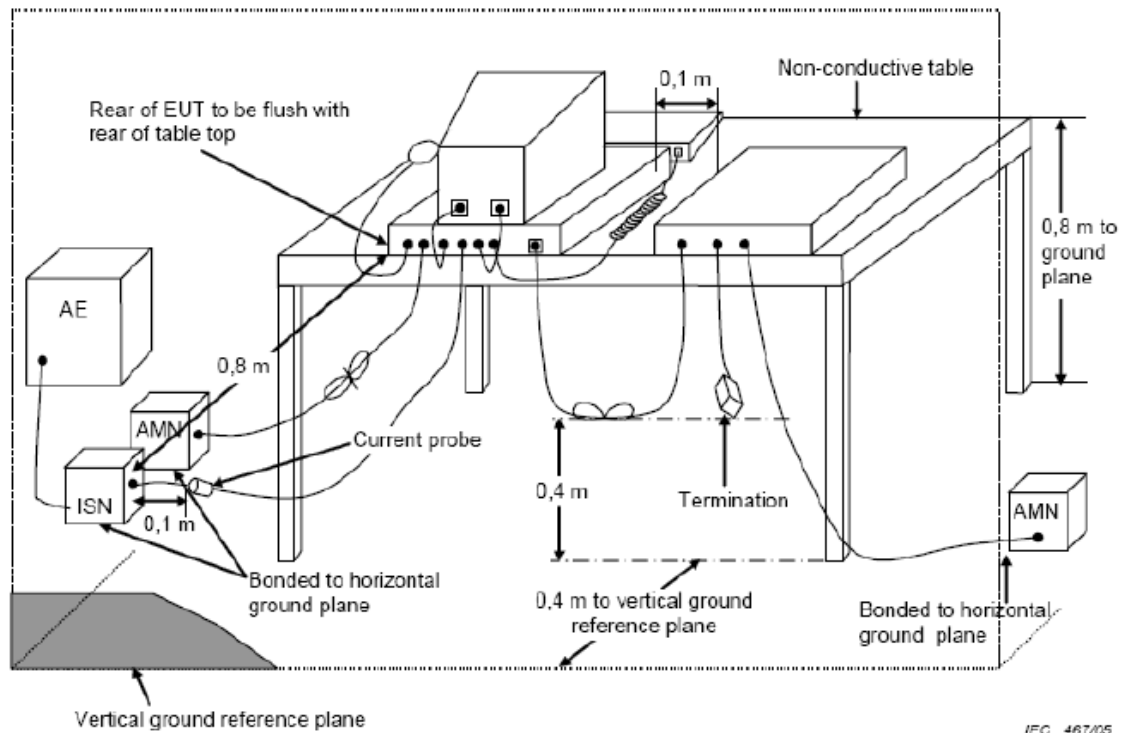
5.3 Conducted Emission (CE)

For test instruments and accessories used see section 6

5.3.1 Test Procedures

The PC Power connected to the power mains through a line impedance stabilization network (L.I.S.N.#2). This provides a 50 ohm coupling impedance for the EUT. Please refer the block diagram of the test setup and photographs. The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#1). Power on the PC and let it work normally, we use a keyboard test software, let EUT working in test mode, then test it. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10-2013 on Conducted Emission Test.

5.3.2 Test Setup



IEC 467/05

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Test Report

No.: AJT240103009E-1

5.3.3 Test Limits

Standard: FCC Part 15 §15.207(a)		
Frequency of emission (MHz)	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μV)	Average Level dB(μV)
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

5.3.4 Test Results

Not Applicable

Note: The device is a DC power supply and does not apply to conducted emissions.

5.4 Antenna Requirements

5.4.1 Test Standard:

FCC Part 15, Subpart C 15.203

5.4.2 Standard Requirement:

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, 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.

5.4.3 EUT Antenna:

The antenna is Wire antenna and no consideration of replacement. The best case gain of the antenna is 0dBi. Antenna location: Refer to Internal Photos of R/C TOYS.

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Test Report

No.: AJT240103009E-1

6 Test Equipment

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1	Spectrum Analyzer	Keysight	N9010A	MY51120099	2023/03/13	2024/03/13
2	JS0806-2 RF Control Unit	Tonscend	JS0806-2	188060124	2023/07/14	2024/07/14
3	Broadband Preamplifier	SCHWARZBECK	BBV 9743B	00067	2023/03/14	2024/03/14
4	Broadband Preamplifier	SCHWARZBECK	BBV 9718B	00002	2023/03/14	2024/03/14
5	EMI Test Receiver	ROHDE & SCHWARZ	ESR3	102452	2023/03/13	2024/03/13
6	Trilog Broadband Antenna	SCHWARZBECK	VULB 9163	01127	2023/03/13	2025/03/13
7	Horn Antenna	SCHWARZBECK	BBHA 9120D	01829	2023/03/13	2025/03/13
8	DC Power Supply	MAISEN	MP5030D	2018121557	2023/07/24	2024/07/24
9	Vector Signal Generator	Keysight	N5172B	MY53052255	2023/03/13	2024/03/13
10	Analog Signal Generator	Keysight	N5171B	MY53051692	2023/03/13	2024/03/13
11	Temperature Humidity Chamber	Yiheng	BPS-50CB	191005684	2022/07/28	2024/07/28
12	Temperature and Humidity Indicator	JianDaRenKe	Cos-03	612058	2023/07/07	2024/07/07
13	BAT-EMC Testing (Test Software)	NEXIO	Version: 3.19.1.20	N/A	N/A	N/A
14	JS1120-3 Test System (Test Software)	Tonscend	JS1120-3	Version: 2.6.88.0341	N/A	N/A
15	Active Loop Antenna	HRTY	HR8913A	6933132206023	2023/07/20	2024/07/20

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Test Report

No.: AJT240103009E-1

7 Test Photographs

Referring to – “Test Setup Photos of R/C TOYS”.

8 Photos of the EUT

Referring to – “External Photos of R/C TOYS” and “Internal Photos of R/C TOYS”.

9 Manufacturer/ Approval Holder Declaration

The following identical model(s):

ODY-03SI, 2320, 1303, FX632, 2403, 2202, 2205, 2205D, 2209, 2209H, 2301, 2303, 2305, 2306, 2308, 2310, 2313, 2314, K22, K24-3, K24-4, K24-5, K24-6, K24-9

Belong to the tested device:

Product Description: R/C TOYS
Model No.: ODY-04SI

END OF TEST REPORT

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