



# Test Report



No.: AJT230812054E

Applicant Name : KNP LLC  
 Applicant Address : 4800 NORTH FEDERAL HIGHWAY, SUITE A301 BOCA RATON, FL  
 33431 USA  
 Manufacturer : KNP LLC  
 Manufacturer Address : 4800 NORTH FEDERAL HIGHWAY, SUITE A301 BOCA RATON, FL  
 33431 USA

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

Sample Description : RC CAR  
 Model No. : 5001477  
 Additional Model : 5003083  
 Sample Received Date : 12 Aug, 2023  
 Testing Completed Date : 17 Aug, 2023

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: Garro Jeng  
 Position: Technical Supervisor  
 Date: 2023-08-26



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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	12 Aug, 2023
Testing commenced on	12 Aug, 2023 ---- 17 Aug, 2023
Testing concluded on	17 Aug, 2023

### 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	RC CAR
Model No.	5001477
FCC ID	2A28T-KNP202301
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	Monopole 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	
A	√	√	N/A	√	DC 3.0V(AA*2)

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	19	2423	37	2442	55	2460
2	2406	20	2424	38	2443	56	2461
3	2407	21	2425	39	2444	57	2462
4	2408	22	2426	40	2445	58	2463
5	2409	23	2427	41	2446	59	2464
6	2410	24	2428	42	2447	60	2465
7	2411	25	2430	43	2448	61	2466
8	2412	26	2431	44	2449	62	2467
9	2413	27	2432	45	2450	63	2468
10	2414	28	2433	46	2451	64	2469
11	2415	29	2434	47	2452	65	2470
12	2416	30	2435	48	2453	66	2471
13	2417	31	2436	49	2454	67	2472
14	2418	32	2437	50	2455	68	2473
15	2419	33	2438	51	2456	69	2474
16	2420	34	2439	52	2457	<b>70</b>	<b>2475</b>
17	2421	<b>35</b>	<b>2440</b>	53	2458		
18	2422	36	2441	54	2459		

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## Channel List

Channel	Frequency (MHz)
The lowest channel	2405
The middle channel	2440
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%

### 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

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

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## 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.
- (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

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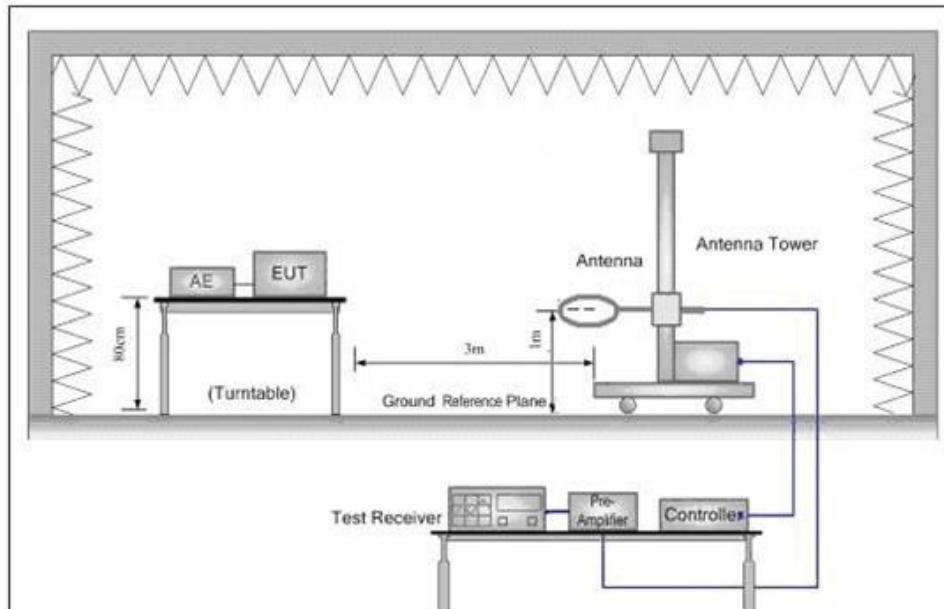
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4. The testing of the EUT was performed on all 3 orthogonal axes; the worst-case test configuration was reported on the file test setup photo.

## 5.1.2 Test Setup



Below 30MHz

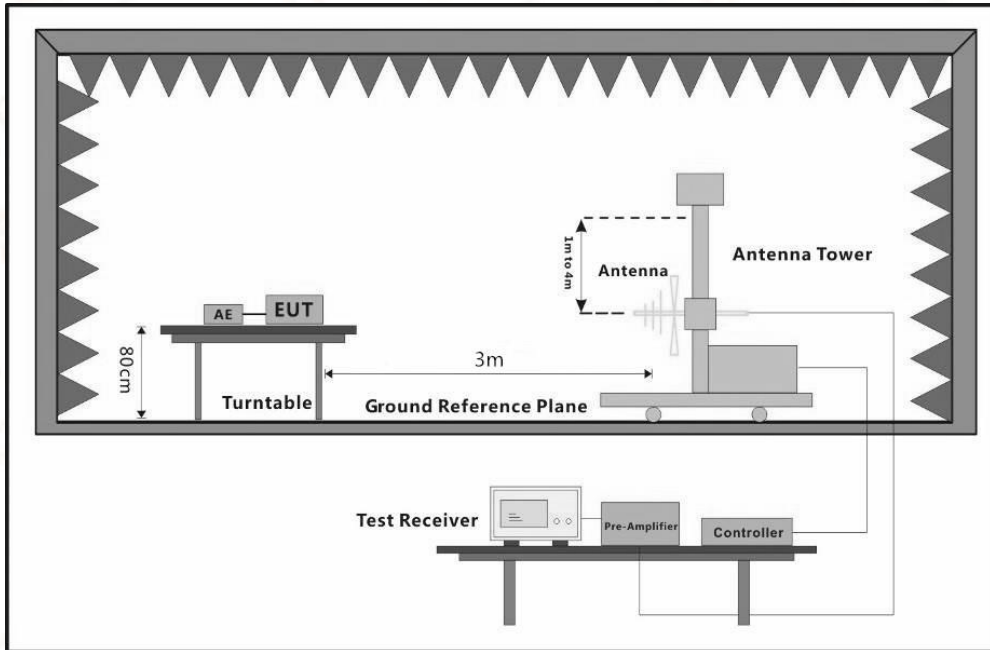
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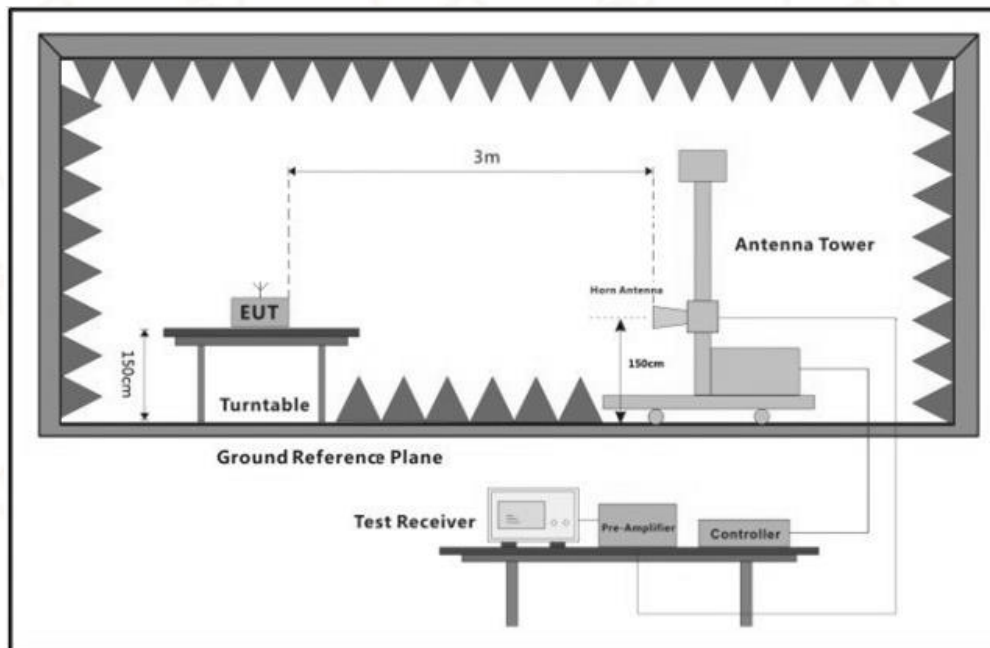
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30MHz-1000MHz



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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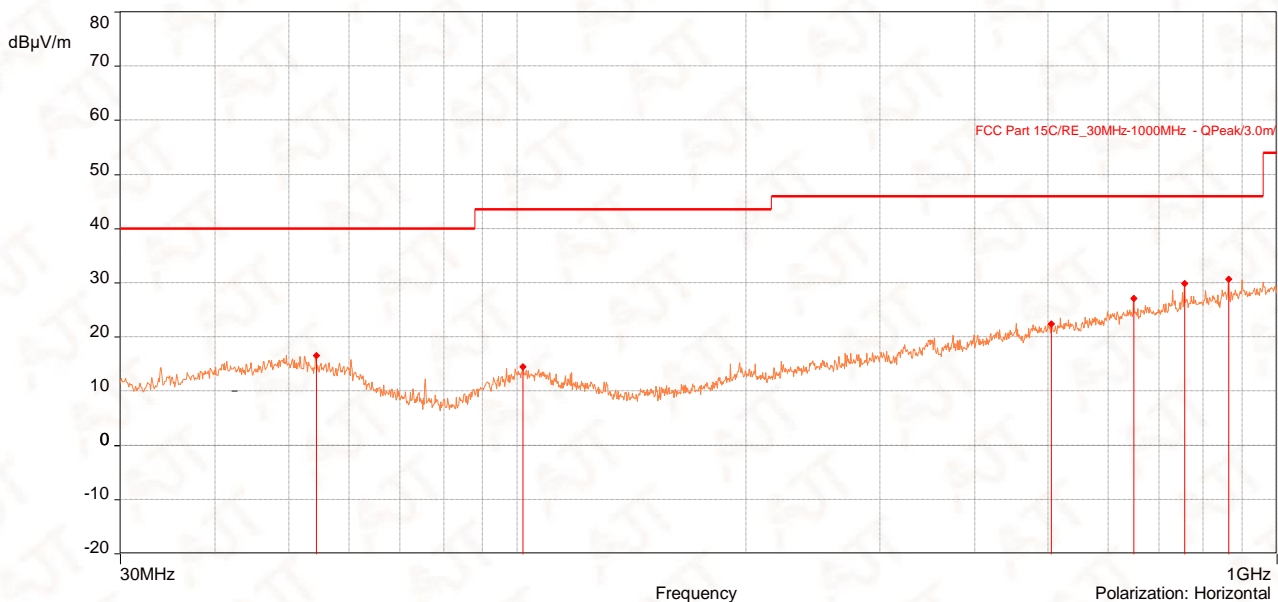
## 5.1.4 Test Results

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	RC CAR
Operating Condition	DC: 3.0V(AA*2)
Test Condition	Ambient Temperature: 25°C Humidity: 61%RH



Frequency (MHz)	Peak (dBµV/m)	QP (dBµV/m)	QP Lim. (dBµV/m)	Margin (dB)	Angle (°)	Height (m)	Polarization
54.347	16.56	/	40.00	-23.44	1.00	1.00	Horizontal
101.683	14.48	/	43.50	-29.02	271.00	1.98	Horizontal
504.039	22.45	/	46.00	-23.55	292.00	1.00	Horizontal
647.987	27.11	/	46.00	-18.89	56.00	1.98	Horizontal
756.045	29.84	/	46.00	-16.16	94.00	1.98	Horizontal
864.006	30.66	/	46.00	-15.34	219.00	1.00	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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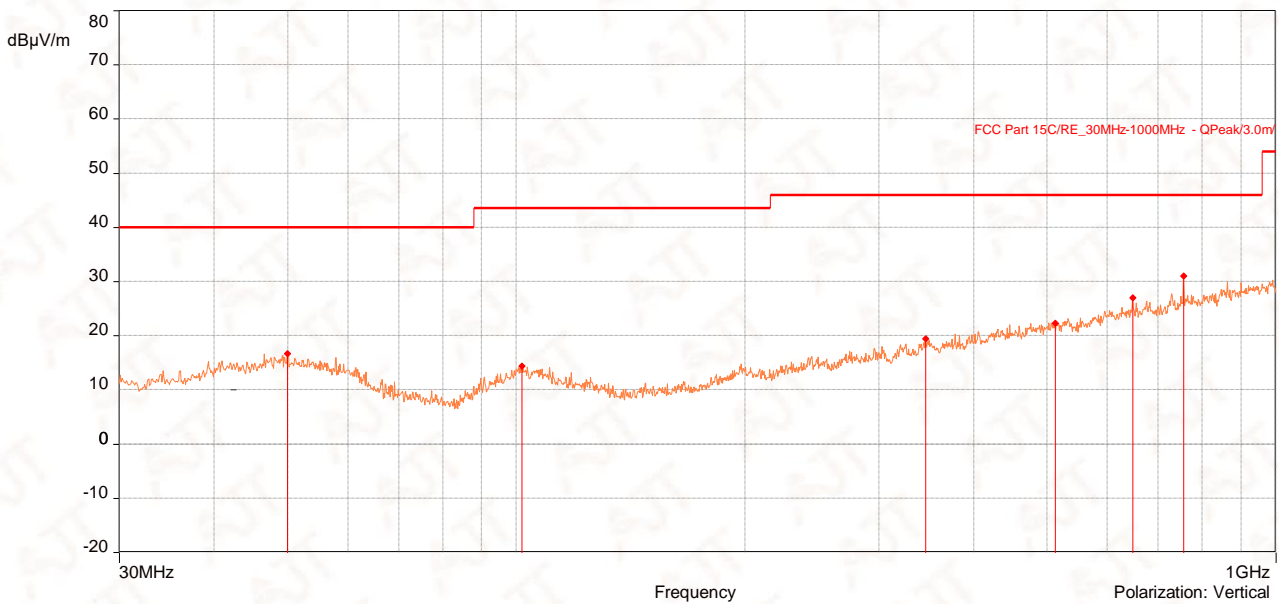
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Test Point	Operation Mode	Result
Vertical	TX mode	PASS

EUT Name	RC CAR
Operating Condition	DC: 3.0V(AA*2)
Test Condition	Ambient Temperature: 25°C Humidity: 61%RH



Frequency (MHz)	Peak (dBµV/m)	QP (dBµV/m)	QP Lim. (dBµV/m)	Margin (dB)	Angle (°)	Height (m)	Polarization
49.982	16.65	/	40.00	-23.35	331.00	2.00	Vertical
101.586	14.45	/	43.50	-29.05	198.00	1.01	Vertical
345.541	19.49	/	46.00	-26.51	351.00	2.00	Vertical
511.702	22.33	/	46.00	-23.67	66.00	1.01	Vertical
647.987	26.98	/	46.00	-19.02	304.00	2.00	Vertical
756.045	31.05	/	46.00	-14.95	302.00	1.01	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	RC CAR		
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
2390.04	3.68	54.00	-50.32	1.50	62.00	Horizontal	-35.92	Average
2400	12.07	54.00	-41.93	1.50	120.00	Horizontal	-35.92	Average
*2405.04	42.56	94.00	-51.44	1.50	149.00	Horizontal	-35.92	Average
4809.95	14.35	54.00	-39.65	2.00	80.00	Horizontal	-35.92	Average
7215.75	8.89	54.00	-45.11	2.00	17.00	Horizontal	-35.92	Average
2390.04	39.60	74.00	-34.40	1.50	62.00	Horizontal	-2.89	Peak
2400	47.99	74.00	-26.01	1.50	120.00	Horizontal	-2.84	Peak
*2405.04	78.48	114.00	-35.52	1.50	149.00	Horizontal	-2.79	Peak
4809.95	50.27	74.00	-23.73	2.00	80.00	Horizontal	2.94	Peak
7215.75	44.81	74.00	-29.19	2.00	17.00	Horizontal	9.69	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
2390.04	8.67	54.00	-45.33	1.48	358.00	Vertical	-35.92	Average
2400	18.25	54.00	-35.75	1.48	0.00	Vertical	-35.92	Average
*2405.04	44.88	94.00	-49.12	1.48	358.00	Vertical	-35.92	Average
4809.95	7.38	54.00	-46.62	1.99	200.00	Vertical	-35.92	Average
7215.75	7.97	54.00	-46.03	1.99	309.00	Vertical	-35.92	Average
2390.04	44.59	74.00	-29.41	1.48	358.00	Vertical	-2.89	Peak
2400	54.17	74.00	-19.83	1.48	0.00	Vertical	-2.84	Peak
*2405.04	80.80	114.00	-33.20	1.48	358.00	Vertical	-2.79	Peak
4809.95	43.30	74.00	-30.70	1.99	200.00	Vertical	2.94	Peak
7215.75	43.89	74.00	-30.11	1.99	309.00	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 (1.60%) = -35.92dB, please see 5.1.4.3.

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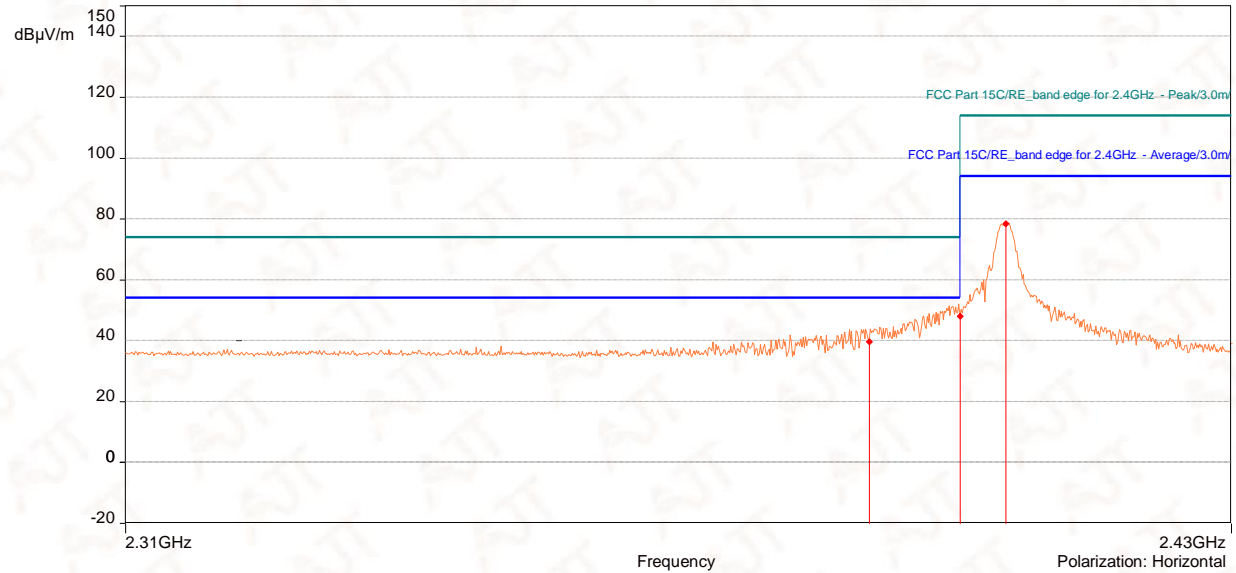
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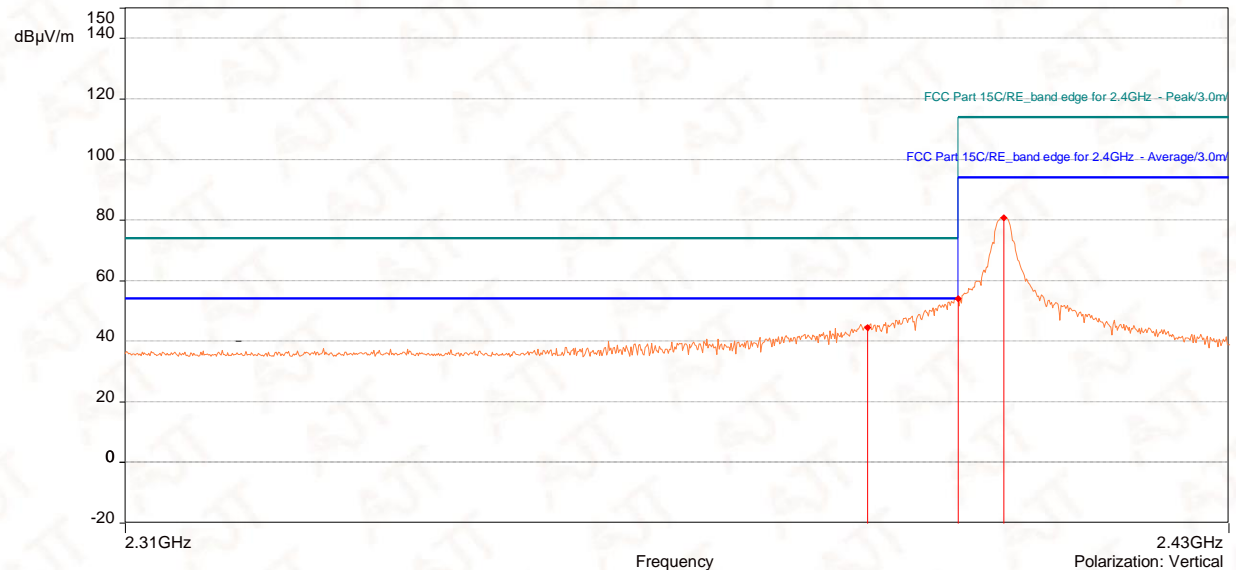


## Band Edge Plot

### 2405MHz Horizontal



### 2405MHz Vertical



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# Test Report



No.: AJT230812054E

EUT Name	RC CAR		
Channel	The Middle Channel (2440MHz)	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
*2440.08	39.62	94.00	-54.38	1.50	163.00	Horizontal	-35.92	Average
4880.1	14.24	54.00	-39.76	2.00	80.00	Horizontal	-35.92	Average
7320.4	8.42	54.00	-45.58	1.01	223.00	Horizontal	-35.92	Average
*2440.08	75.54	114.00	-38.46	1.50	163.00	Horizontal	-2.89	Peak
4880.1	50.16	74.00	-23.84	2.00	80.00	Horizontal	2.22	Peak
7320.4	44.34	74.00	-29.66	1.01	223.00	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
*2440.08	43.46	94.00	-50.54	1.50	0.00	Vertical	-35.92	Average
4880.1	9.76	54.00	-44.24	1.99	250.00	Vertical	-35.92	Average
7320.4	7.68	54.00	-46.32	1.99	165.00	Vertical	-35.92	Average
*2440.08	79.38	114.00	-34.62	1.50	0.00	Vertical	-2.89	Peak
4880.1	45.68	74.00	-28.32	1.99	250.00	Vertical	2.22	Peak
7320.4	43.60	74.00	-30.40	1.99	165.00	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 (1.60%) = -35.92dB, please see 5.1.4.3.

This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Disagreement against this test report, if any, should be filed with to our company in writing within 15 days of receiving the report. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission.

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# Test Report



No.: AJT230812054E

EUT Name	RC CAR		
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	38.69	94.00	-55.31	1.50	180.00	Horizontal	-35.92	Average
2483.5	8.50	54.00	-45.50	1.50	147.00	Horizontal	-35.92	Average
4950.25	14.88	54.00	-39.12	2.00	156.00	Horizontal	-35.92	Average
7425.05	8.31	54.00	-45.69	2.00	37.00	Horizontal	-35.92	Average
*2475	74.61	114.00	-39.39	1.50	180.00	Horizontal	-2.83	Peak
2483.5	44.42	74.00	-29.58	1.50	147.00	Horizontal	-2.86	Peak
4950.25	50.80	74.00	-23.20	2.00	156.00	Horizontal	2.65	Peak
7425.05	44.23	74.00	-29.77	2.00	37.00	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	42.68	94.00	-51.32	1.50	1.00	Vertical	-35.92	Average
2483.5	10.54	54.00	-43.46	1.50	345.00	Vertical	-35.92	Average
4950.25	10.44	54.00	-43.56	1.98	18.00	Vertical	-35.92	Average
7425.05	9.36	54.00	-44.64	1.00	29.00	Vertical	-35.92	Average
*2475	78.60	114.00	-35.40	1.50	1.00	Vertical	-2.83	Peak
2483.5	46.46	74.00	-27.54	1.50	345.00	Vertical	-2.86	Peak
4950.25	46.36	74.00	-27.64	1.98	18.00	Vertical	2.65	Peak
7425.05	45.28	74.00	-28.72	1.00	29.00	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 (1.60%) = -35.92dB, please see 5.1.4.3.

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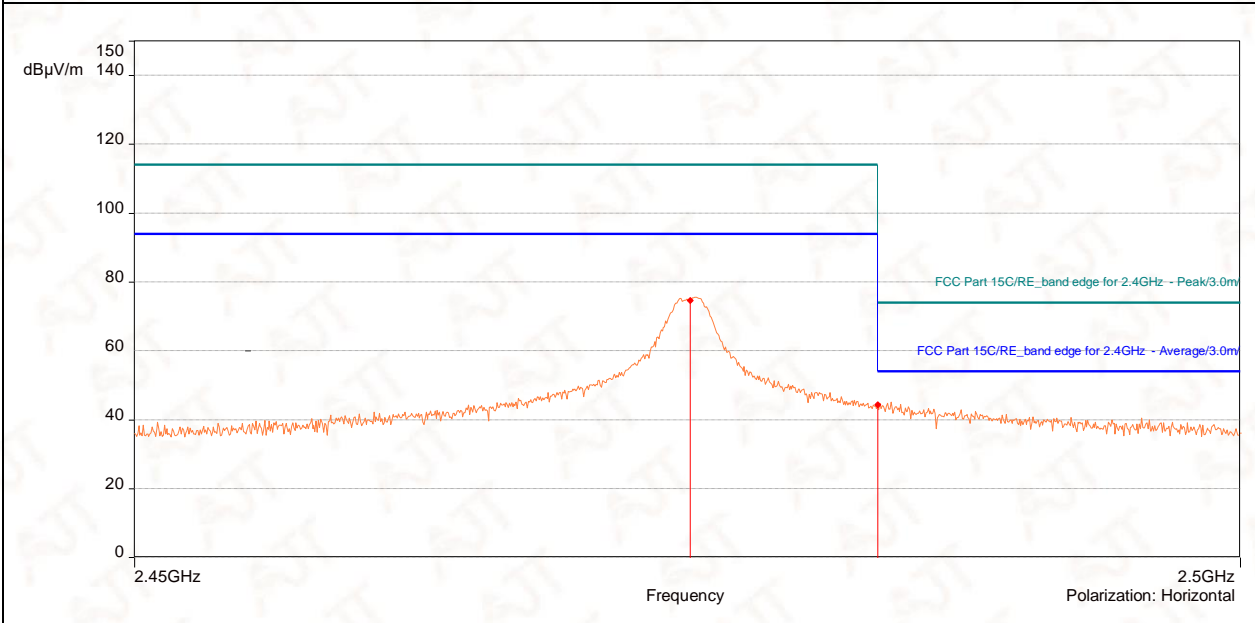
# Test Report



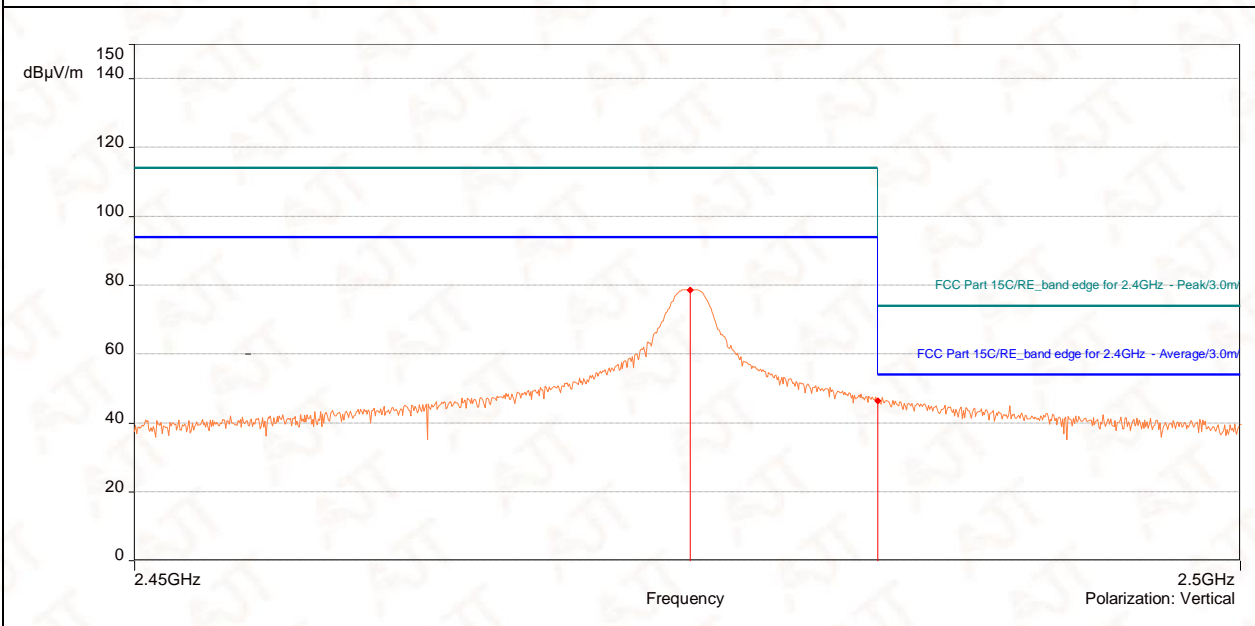
No.: AJT230812054E

## Band Edge Plot

### 2475MHz Horizontal



### 2475MHz Vertical



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### 5.1.4.3 Calculation of Average Factor

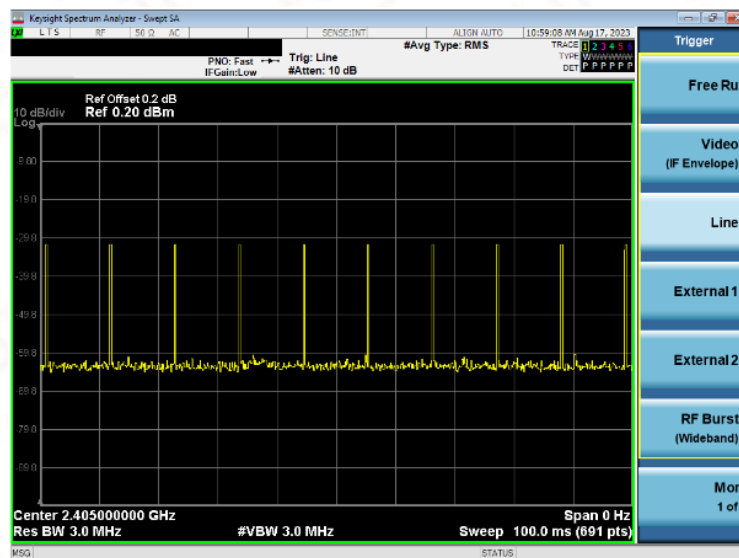
Effective period of the cycle = 0.174ms

The duration of one cycle = 10.880ms

Duty Cycle = 0.174ms / 10.880ms = 1.60%

Averaging factor in dB = 20 log (duty cycle) = 20 log (1.60%) = -35.92dB

100ms Duty Cycle



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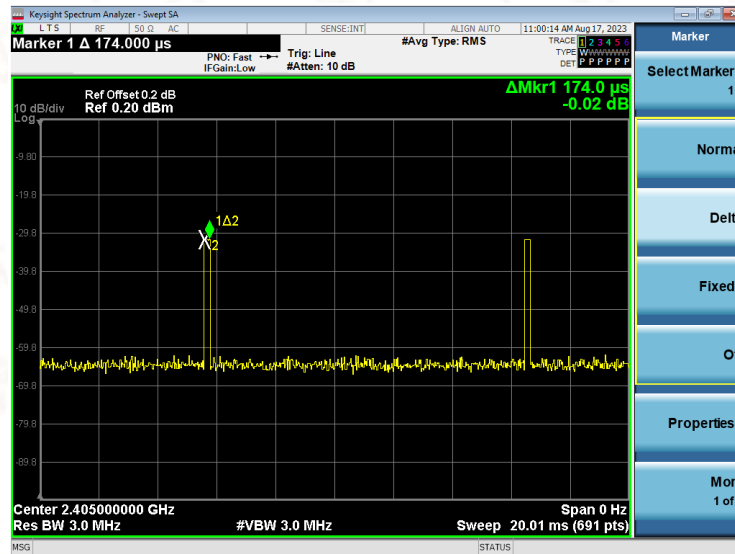


# Test Report

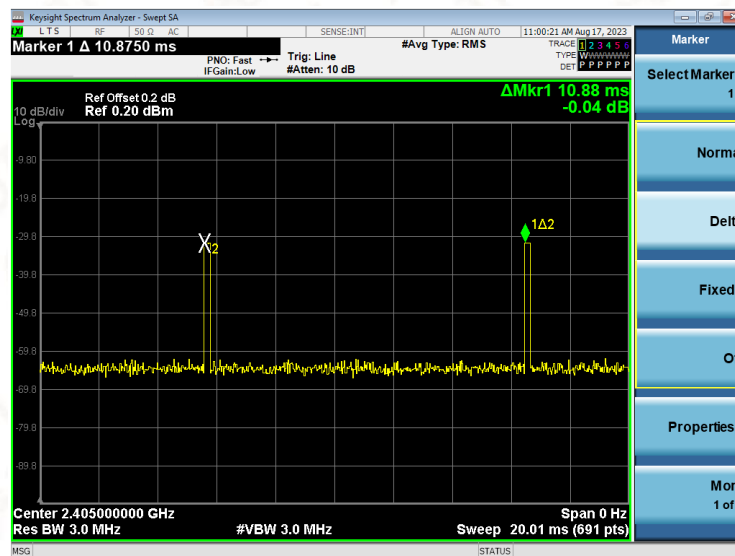


No.: AJT230812054E

Ton of one cycle



The duration of one cycle



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## 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	1.162
The middle channel	2440	1.161
The highest channel	2475	1.198

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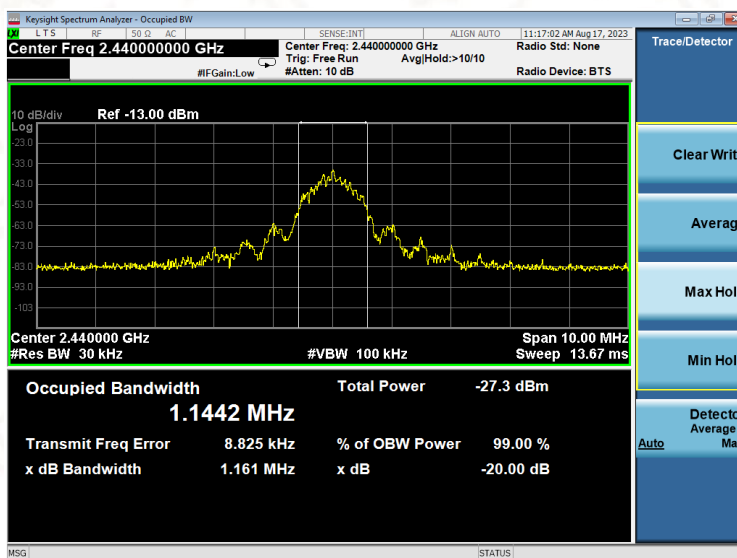
# Test Report



No.: AJT230812054E



2405MHz



2440MHz

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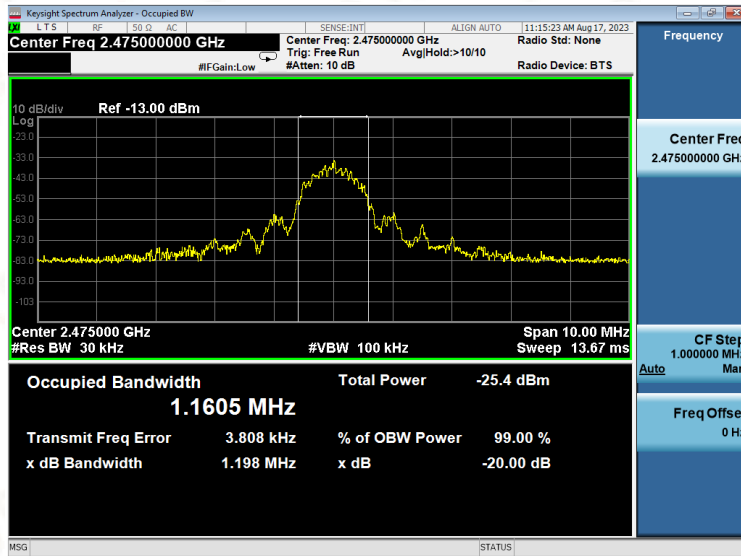




# Test Report



No.: AJT230812054E



2475MHz

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### 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 Monopole Antenna and no consideration of replacement. The best case gain of the antenna is 0dBi. Antenna location: Refer to Internal Photos of RC CAR.

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# Test Report



No.: AJT230812054E

## 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: 2.5.77.0418	N/A	N/A
16	Active Loop Antenna	HRTY	HR8913A	69331322060 23	2023/07/20	2024/07/20

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# Test Report



No.: AJT230812054E

## 7 Test Photographs

Referring to – “Test Setup Photos of RC CAR”.

## 8 Photos of the EUT

Referring to – “External Photos of RC CAR” and “Internal Photos of RC CAR”.

## 9 Manufacturer/ Approval Holder Declaration

The following identical model(s):

5003083

Belong to the tested device:

Product Description: RC CAR  
Model No.: 5001477

**END OF TEST REPORT**

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