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Report No.: SHEM131100229801

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## 1 Cover Page

## **FCC REPORT**

Application No.:	SHEM1311002298RF					
Applicant:	Beijing Polycon Medical Engineering Company.					
FCC ID:	2ACCSRC2200					
Equipment Under Test (E NOTE: The following same	EUT): ple(s) submitted was/were identified on behalf of the client as					
Product Name:	XAE Remote controller					
Model No.:	RC2200					
Added Model:	RC1600					
Standards:	FCC PART 15 Subpart C: 2013					
Date of Receipt:	November 19, 2013					
Date of Test:	March 24, 2014 to April 23, 2014					
Date of Issue:	May 26, 2014					
Test Result :	PASS *					

<sup>\*</sup>In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Tony Wu

E&E Section Manager

SGS-CSTC (Shanghai) Co., Ltd.

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. All test results in this report can be traceable to National or International Standards.

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### 2 Version

	Revision Record								
Version   Chapter   Date   Modifier   Remark									
00		May 26, 2014		Original					

Authorized for issue by:		
Engineer	Eddy Zong Print Name	Eddy Zong
	Print Name	
Clerk	Susie Liu	Suire Liu
	Print Name	
Business		Keny . xu
Reviewer	Keny Xu	(/
	Print Name	



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## 3 Test Summary

Test Item	Test Requirement	Test method	Result
Antenna Requirement	47 CFR Part 15, Subpart C Section 15.203	ANSI C63.10(2009)	PASS
AC Power Line Conducted Emission	47 CFR Part 15, Subpart C Section 15.207	ANSI C63.10(2009)	N/A
Field Strength of the Fundamental Signal	47 CFR Part 15, Subpart C Section 15.231 (e)	ANSI C63.10(2009)	PASS
Spurious Emissions	47 CFR Part 15, Subpart C Section 15.231 (e)/15.209	ANSI C63.10(2009)	PASS
20dB Bandwidth	47 CFR Part 15, Subpart C Section 15.231 (c)	ANSI C63.10(2009)	PASS
Dwell Time	47 CFR Part 15, Subpart C Section 15.231 (a)(1)	ANSI C63.10(2009)	PASS

Remark: 1. This EUT is powered by battery only; therefore the AC Conducted Emission test is not applicable.

2. There are 2 models mentioned in this report, the electrical circuit design, PCB layout, electrical components used, internal wiring and functions are identical, only differences are model number and appearance. So only the model RC2200 was tested



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### 5 General Information

#### 5.1 Client Information

Applicant: Beijing Polycon Medical Engineering Company.

Address of Applicant: No. 1 Fu Wai Liang Jia Dian Str., Hai Dian Qu, Beijing P. R. China

Manufacturer: Beijing Polycon Medical Engineering Company.

Address of Manufacturer: No. 1 Fu Wai Liang Jia Dian Str., Hai Dian Qu, Beijing P. R. China

Factory: Beijing Polycon Medical Engineering Company.

Address of Factory: No. 1 Fu Wai Liang Jia Dian Str., Hai Dian Qu, Beijing P. R. China

### 5.2 General Description of E.U.T.

Product Description: Portable product

### 5.3 Technical Specifications:

Operation Frequency: 433.90MHz

Modulation Technique: AM Number of Channel: 1

Antenna Type Integral Antenna

Power Supply: DC 12V by Alkaline battery (Supply the EUT with fully charged battery

during the testing.)

### 5.4 Description of Support Units

The EUT has been tested independently

#### 5.5 Details of Test Mode

Test Mode	Detail description of the test mode
Engineering mode:	Keeps EUT working in continuous transmitting mode.

#### 5.6 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. E&E Lab No.588 West Jindu Road, Songjiang District, Shanghai, China. 201612.

Tel: +86 21 6191 5666 Fax: +86 21 6191 5678

No tests were sub-contracted.



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### 5.7 Test Facility

### CNAS (No. CNAS L0599)

CNAS has accredited SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing. Date of expiry: 2014-07-26.

### FCC – Registration No.: 402683

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered and fully described in a report filed with the Federal Communications Commission (FCC). The acceptance letter from the FCC is maintained in our files. Registration No.: 402683, Expiry Date: 2015-02-22.

### Industry Canada (IC) – IC Assigned Code: 8617A

The 3m Semi-anechoic chamber of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 8617A. Expiry Date: 2014-09-20.

### • VCCI (Member No.: 3061)

The 3m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-3868 and C-4336 respectively. Date of Registration: 2012-05-29. Date of Expiry: 2015-05-28.



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## 6 Equipments Used during Test

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Due date
1	Power meter	Rohde & Schwarz	NRP	101641	2014-02-14	2015-02-13
2	Power Sensor	Rohde & Schwarz	NRP-Z22	1137.7506. 02	2013-11-21	2014-11-20
3	Spectrum Analyzer	Rohde & Schwarz	FSP-30	270512100 9	2014-02-14	2015-02-13
4	EMI test receiver	Rohde & Schwarz	ESU40	100109	2014-02-14	2015-02-13
5	Horn Antenna (1GHz to 18GHz)	SCHWARZBECK	BBHA9120D	9120D-679	2014-02-14	2015-02-13
6	Horn Antenna (14GHz to 40GHz)	SCHWARZBECK	BBHA 9170	BBHA9170 373	2014-02-14	2015-02-13
7	ANTENNA (25MHz to 2GHz)	SCHWARZBECK	VULB9168	9168-313	2014-02-14	2015-02-13
8	Ultra broadband antenna (30MHz to3GHz)	Rohde & Schwarz	HL562	100227	2013-10-09	2014-10-08
9	Horn Antenna (1GHz to 18GHz)	Rohde & Schwarz	HF906	100284	2014-02-14	2015-02-13
10	Active Loop Antenna (9kHz to 30MHz)	Rohde & Schwarz	FMZB 1519	1519-034	2014-03-19	2015-03-18
11	Tunable Notch Filter	Wainwright instruments Gmbh	WRCT800.0/ 880.0- 0.2/40-5SSK	9	2014-06-02	2015-06-01
12	High pass Filter	FSCW	HP 12/2800- 5AA2	19A45-02	2014-06-02	2014-06-01
13	Low noise amplifier	TESEQ	LNA6900	70133	2014-02-14	2015-02-13
14	AC power stabilizer	WOCEN	6100	51122	2013-06-02	2014-06-01
15	DC power	QJE	QJ30003SII	611145	2013-06-02	2014-06-01



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### 7 Test results and Measurement Data

### 7.1 Antenna Requirement

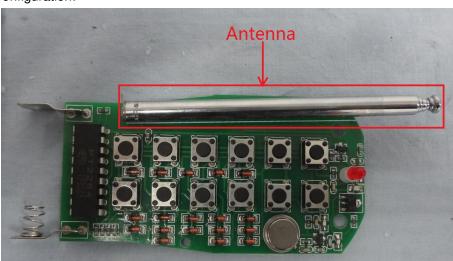
15.203 Requirement:

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.

#### **EUT Antenna:**

The antenna is integrated and no consideration of replacement.

#### Antenna Configuration:





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### 7.2 Conducted Emissions

<ul> <li>Impedance Stabilization Network) which provides 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.</li> <li>3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,</li> <li>4) The test was performed with a vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs</li> </ul>	Test Frequency Range:	150kHz to 30MHz					
O.15-0.5   66 to 56*   66 to 56*	Limit:	- (111)	Limit (	dBuV)			
Test Procedure:  1) The mains terminal disturbance voltage test was conducted in a shielded room.  2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.  3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vortical ground reference plane in the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment were at least 0.8 m from the LISN 2.  5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2009 on conducted measurement.		Frequency range (MHz)	Quasi-peak	Quasi-peak			
Test Procedure:  1) The mains terminal disturbance voltage test was conducted in a shielded room.  2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.  3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane in the same was bonded to the horizontal ground reference plane of the EUT shall be 0.4 m from the vertical ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment were at least 0.8 m from the LISN 2.  5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2009 on conducted measurement.		0.15-0.5	66 to 56*	66 to 56*			
* Decreases with the logarithm of the frequency.  1) The mains terminal disturbance voltage test was conducted in a shielded room.  2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.  3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment were at least 0.8 m from the LISN 2.  5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2009 on conducted measurement.		0.5-5	56	56			
1) The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane. The teUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment were at least 0.8 m from the LISN 2.  5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2009 on conducted measurement.		5-30	60	60			
The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.  3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane.  4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment were at least 0.8 m from the LISN 2.  5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2009 on conducted measurement.		* Decreases with the loga	rithm of the frequency.				
Test Receiver  LISN1  LISN2  AC Mains		<ul> <li>room.</li> <li>2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides 50Ω/50μH + 5Ω linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.</li> <li>3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,</li> <li>4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment were at least 0.8 m from the LISN 2.</li> <li>5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI</li> </ul>					
		Test Receiver  AC Mains  LISN2 AC Mains					
Test Results: N/A	Test Results:	N/A					



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#### **Measurement Data**

This EUT is powered by battery only; therefore the AC Conducted Emission test is not applicable.



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### 7.3 Spurious Emissions

Test frequency range	9KHz – 6GHz						
Test Site:	Measurement Distance	e: 3m (Semi-Anech	noic Chambe	r)			
Receiver Setup:	Frequency	Detector	RBW	VBW	Remark		
	0.009MHz-0.015MHz	Quasi-peak	200Hz	1KHz	Quasi-peak		
	0.015MHz-30MHz	Quasi-peak	9kHz	30KHz	Quasi-peak		
	30MHz-1GHz	Quasi-peak	120 kHz	300KHz	Quasi-peak		
	Above 1GHz	Peak	1MHz	3MHz	Peak		
	Above IGHZ	Peak	1MHz	10Hz	Average		
Limit: (Spurious Emissions)	Frequency	Field strength (microvolt/meter)	Limit (dBuV/m )	Remark	Measurement distance (m)		
	0.009MHz-0.490MHz	2400/F(kHz)	-	Quasi-peak	300		
	0.490MHz-1.705MHz	24000/F(kHz)	-	Quasi-peak	30		
	1.705MHz-30MHz	30	-	Quasi-peak	30		
	30MHz-88MHz	100	40.0	Quasi-peak	3		
	88MHz-216MHz	150	43.5	Quasi-peak	3		
	216MHz-960MHz	200	46.0	Quasi-peak	3		
	960MHz-1GHz	500	54.0	Quasi-peak	3		
	Above 1011-	500	54.0	Average	3		
	Above 1GHz	500	74.0	Peak	3		
Limit:	Frequency	Rer	Remark				
(Field strength of the	400 00 404 C1MH-	72.9		Average Value			
fundamental signal)	433.09 - 434.61MHz	92.9 Peak Value					
Test Procedure:	<ul> <li>a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>c. The antenna 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.</li> <li>d. 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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</li> </ul>						

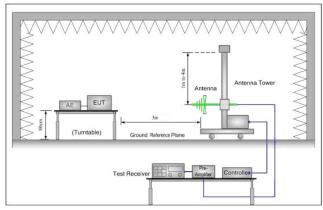
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="https://www.sqs.com/terms">www.sqs.com/terms</a> and conditions.htm</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="https://www.sqs.com/terms.e-document.htm">www.sqs.com/terms.e-document.htm</a>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.



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	g. The radiation measurements are performed in X, Y, Z axis positioning. And found the Z axis positioning which it is worse case, only the test worst case mode is recorded in the report.
Test Setup:	



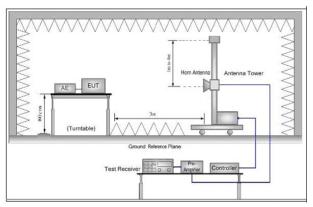


Figure 2. 30MHz to 1GHz

Figure 3. Above 1 GHz

Test Results: Pass

### 7.3.1 Field Strength of the Fundamental Signal

Test channel	Freq. (MHz)	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
Channal 1	422.00	66.87	72.9	-6.03	Peak	VERTICAL
Channel 1	433.90	66.54	72.9	-6.36	Peak	HORIZONTAL

Remark: If the Peak value below the AV Limit, the AV test doesn't perform for this submission.



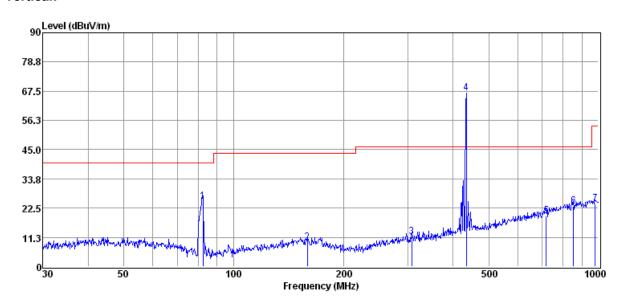
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### 7.3.2 Spurious Emissions

#### **Below 1GHz**

#### Channel 1 Vertical:



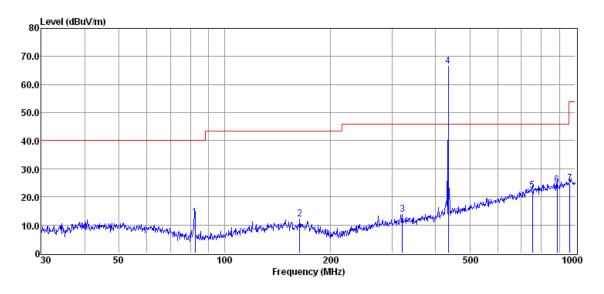
Item	Freq.	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBµV)	(dB/m)	(dB)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	
1	82.36	40.23	8.73	24.70	0.89	25.15	40.00	-14.85	QP
2	159.23	20.06	12.61	24.70	1.32	9.29	43.50	-34.21	QP
3	307.83	21.34	12.62	24.50	1.98	11.44	46.00	-34.56	QP
4	433.90	73.18	15.69	24.40	2.40	66.87	Fun	Fundamental signa	
5	719.20	19.57	20.94	24.10	3.22	19.63	46.00	-26.37	QP
6	854.03	20.97	22.62	23.90	3.57	23.26	46.00	-22.74	QP
7	979.18	19.68	24.13	23.70	3.86	23.97	54.00	-30.03	QP



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#### Horizontal:



Item	Freq.	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBµV)	(dB/m)	(dB)	(dB)	(dBµV/m)	(dBµV/m)	(dB)	
1	82.36	27.69	8.73	24.70	0.89	12.61	40.00	-27.39	QP
2	163.76	23.00	12.49	24.66	1.34	12.17	43.50	-31.33	QP
3	321.06	23.29	12.99	24.50	2.03	13.81	46.00	-32.19	QP
4	434.07	72.85	15.69	24.40	2.40	66.54	Fundamental signal		
5	755.39	21.36	21.61	24.00	3.34	22.31	46.00	-23.69	QP
6	887.61	21.53	22.80	23.85	3.63	24.11	46.00	-21.89	QP
7	965.54	20.70	24.02	23.74	3.83	24.81	54.00	-29.19	QP



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#### 1GHz - 6GHz

#### Peak Value:

Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Preamp Factor (dB)	Cable Loss (dB)	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Polarization
1895.83	43.31	25.76	42.28	6.93	33.72	74.00	-40.28	VERTICAL
3505.14	40.48	28.41	42.80	8.35	34.44	74.00	-39.56	VERTICAL
5283.27	37.85	32.36	42.99	11.08	38.30	74.00	-35.70	VERTICAL
1961.48	41.07	25.85	42.29	7.21	31.84	74.00	-42.16	HORIZONTAL
2857.57	40.20	27.97	42.50	6.93	32.60	74.00	-41.40	HORIZONTAL
4585.94	37.27	30.49	42.99	10.09	34.86	74.00	-39.14	HORIZONTAL

#### Remark:

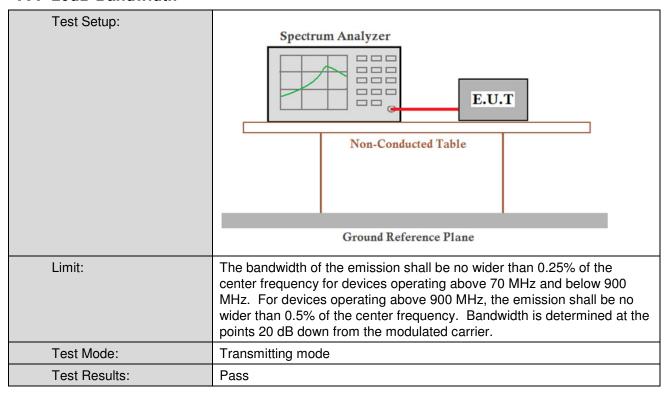
- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
  - Final Test Level =Receiver Reading Level +Antenna Factor + Cable Factor Preamplifier Factor
- 2) If Peak Result comply with AV limit, AV Result is deemed to comply with QP limit
- 3) No any other emissions level which are attenuated less than 20dB below the limit. According to 15.31(o), the amplitude of spurious emissions from intentional radiators and emissions from unintentional radiators which are attenuated more than 20 dB below the permissible value need not be reported unless specifically required elsewhere in this Part. Hence there no other emissions have been reported.



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### 7.4 20dB Bandwidth



#### **Measurement Data**

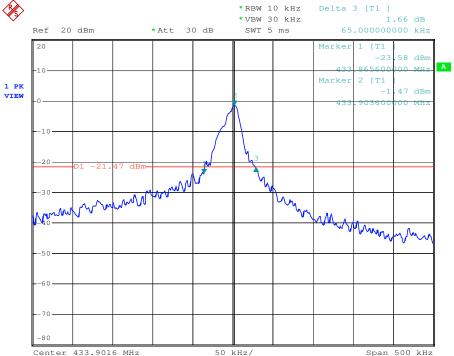
Channel	Frequency(MHz)	20dB bandwidth (kHz)	Limit (kHz)	Results
1	433.90	65	1084.8	Pass



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#### Test plot as follows:

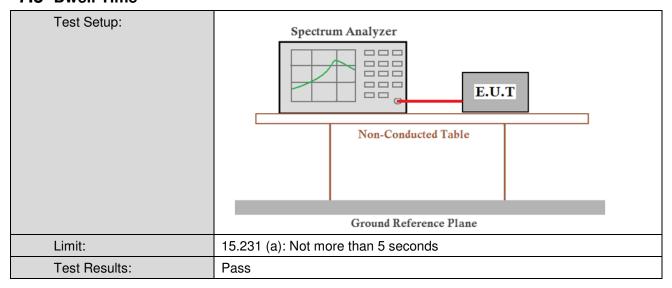




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### 7.5 Dwell Time



#### **Measurement Data**

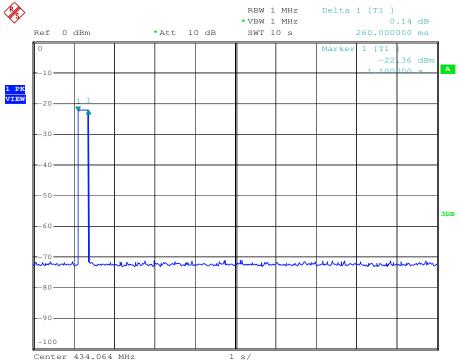
Test item	Limit (s)	Results
Transmission Duration	≤5s	Pass



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#### Test plot as follows:





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## 8 Test Setup Photographs

Refer to the < RC2200\_Test Setup photos-FCC>.

### 9 EUT Constructional Details

Refer to the < RC2200\_External Photos-FCC> & < RC2200\_Internal Photos-FCC>.

-- End of the Report--