

APPLICATION CERTIFICATION
On Behalf of
Carewell Electric Technology (Zhongshan) Co., Ltd.

REMOTE CONTROL

Model No.: DC9

FCC ID: 2AAZPDC9

Prepared for : Carewell Electric Technology (Zhongshan) Co., Ltd.
Address : Torch Development Zone, No.2, Ouya Road, Zhongshan,
Guangdong, China

Prepared by : Shenzhen Accurate Technology Co., Ltd.
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Report Number : ATE20182124
Date of Test : Dec. 10, 2018-Dec. 13, 2018
Date of Report : Dec. 14, 2018

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Test Report Certification

Applicant : Carewell Electric Technology (Zhongshan) Co., Ltd.
Manufacturer : Carewell Electric Technology (Zhongshan) Co., Ltd.
EUT Description : REMOTE CONTROL
(A) MODEL NO.: DC9
(B) SERIAL NO.: 1801797
(C) POWER SUPPLY: DC 3V(Powered by Battery)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.231a ANSI C63.10-2013

The device described above is tested by SHENZHEN ACCURATE TECHNOLOGY CO., LTD to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C Section 15.231a. The measurement results are contained in this test report and SHENZHEN ACCURATE TECHNOLOGY CO., LTD is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of SHENZHEN ACCURATE TECHNOLOGY CO., LTD.

Date of Test : Dec. 10, 2018-Dec. 13, 2018
Date of Report: Dec. 14, 2018

Prepared by : _____
(Tim. Zhang, Engineer)

Approved & Authorized Signer : _____
(Sean Liu, Manager)



1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	REMOTE CONTROL
Model Number	:	DC9
Power Supply	:	DC 3V (powered by battery)
Modulation:	:	ASK
Operation Frequency	:	433.92MHz
Antenna type	:	PCB antenna
Antenna gain	:	0dBi
Applicant	:	Carewell Electric Technology (Zhongshan) Co., Ltd.
Address	:	Torch Development Zone, No.2, Ouya Road, Zhongshan, Guangdong, China
Manufacturer	:	Carewell Electric Technology (Zhongshan) Co., Ltd.
Address	:	Torch Development Zone, No.2, Ouya Road, Zhongshan, Guangdong, China
Date of sample received	:	Dec. 10, 2018
Date of Test	:	Dec. 10, 2018-Dec. 13, 2018

1.2. Description of Test Facility

- EMC Lab : Recognition of accreditation by Federal Communications Commission (FCC)
The Designation Number is CN1189
The Registration Number is 708358
- Listed by Innovation, Science and Economic Development Canada (ISED)
The Registration Number is 5077A-2
- Accredited by China National Accreditation Service for Conformity Assessment (CNAS)
The Registration Number is CNAS L3193
- Accredited by American Association for Laboratory Accreditation (A2LA)
The Certificate Number is 4297.01
- Name of Firm : Shenzhen Accurate Technology Co., Ltd.
Site Location : 1/F., Building A, Changyuan New Material Port, Science & Industry Park, Nanshan District, Shenzhen, Guangdong, P.R. China

1.3. Measurement Uncertainty

- Conducted Emission Expanded Uncertainty = 2.23dB, k=2
- Radiated emission expanded uncertainty (9kHz-30MHz) = 3.08dB, k=2
- Radiated emission expanded uncertainty (30MHz-1000MHz) = 4.42dB, k=2
- Radiated emission expanded uncertainty (Above 1GHz) = 4.06dB, k=2

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated dates	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 06, 2018	Jan. 05, 2019
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 06, 2018	Jan. 05, 2019
Spectrum Analyzer	Rohde&Schwarz	FSV-40	101495	Jan. 06, 2018	Jan. 05, 2019
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 06, 2018	Jan. 05, 2019
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 06, 2018	Jan. 05, 2019
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 06, 2018	Jan. 05, 2019
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 06, 2018	Jan. 05, 2019
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 06, 2018	Jan. 05, 2019
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 06, 2018	Jan. 05, 2019
Open Switch and Control Unit	Rohde&Schwarz	OSP120 + OSP-B157	101244 + 100866	Jan. 06, 2018	Jan. 05, 2019
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 06, 2018	Jan. 05, 2019
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 06, 2018	Jan. 05, 2019
Highpass Filter	Wainwright Instruments	WHKX3.6/18G-10SS	N/A	Jan. 06, 2018	Jan. 05, 2019
Band Reject Filter	Wainwright Instruments	WRCG2400/2485-2375/2510-60/11SS	N/A	Jan. 06, 2018	Jan. 05, 2019
Test Receiver	Rohde & Schwarz	ESCS30	100307	Jan. 06, 2018	Jan. 05, 2019
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	Jan. 06, 2018	Jan. 05, 2019
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	Jan. 06, 2018	Jan. 05, 2019
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	Jan. 06, 2018	Jan. 05, 2019

3. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Result
Section 15.207	Conducted Emission	N/A
Section 15.231(b)	Radiated Emission	Compliant
Section 15.231(c)	20dB Bandwidth	Compliant
Section 15.231(a)(1)	Release Time Measurement	Compliant
Section 15.203	Antenna Requirement	Compliant

The product is a manually operated transmitter.
Section 15.231 (a) (2), (3), (4) and (5) are not applicable.

Note: The power supply mode of the EUT is DC 3V, According to the FCC standard requirements, conducted emission is not applicable

All normal using modes of the normal function were tested but only the worst test data of the worst mode is recorded by this report.

4. THE FIELD STRENGTH OF RADIATION EMISSION

4.1. Block Diagram of Test Setup

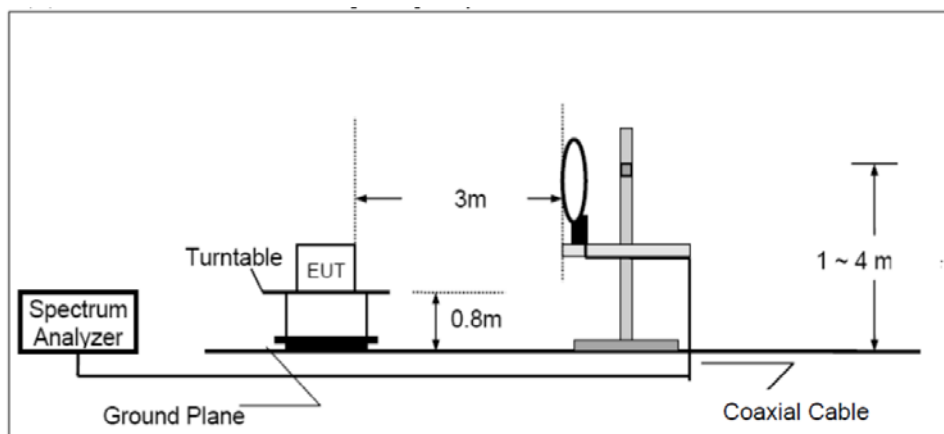
4.1.1. Block diagram of connection between the EUT and simulators



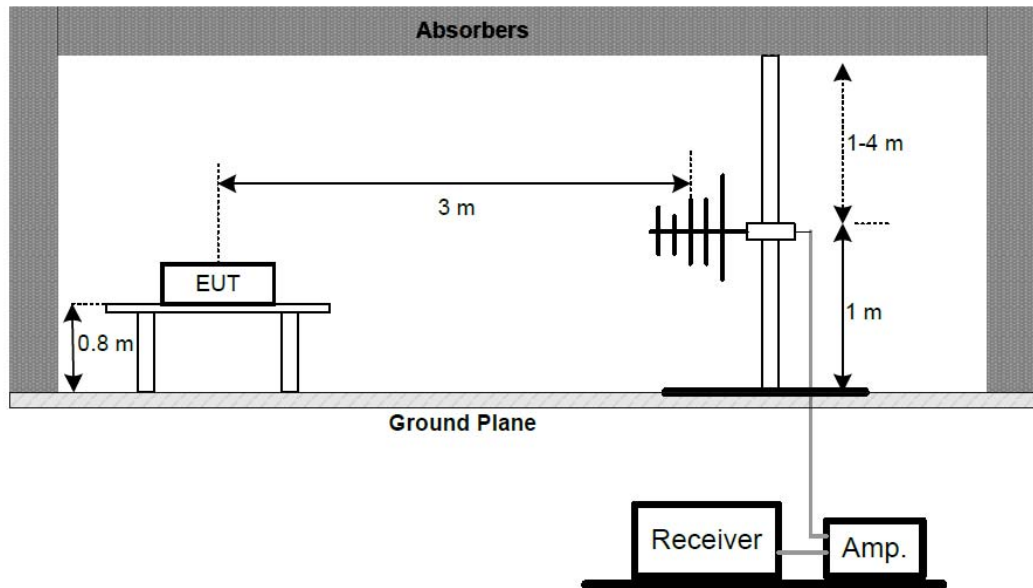
(EUT: REMOTE CONTROL)

4.1.2. Semi-Anechoic Chamber Test Setup Diagram

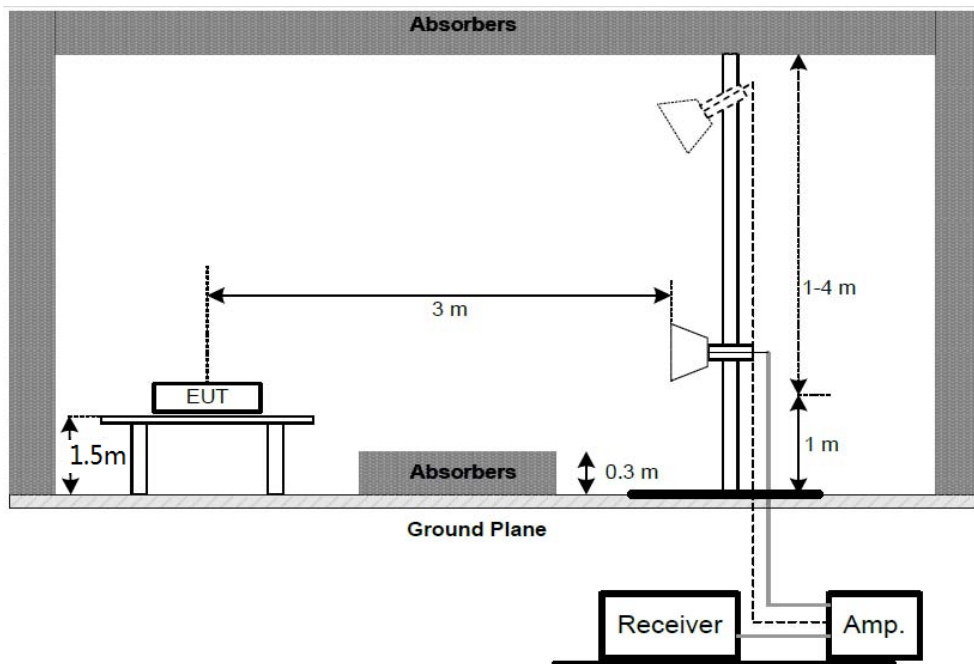
(A) Radiated Emission Test Set-Up, Frequency below 30MHz



(B) Radiated Emission Test Set-Up, Frequency below 1GHz



(C) Radiated Emission Test Set-Up, Frequency Above 1GHz



4.2. The Field Strength of Radiation Emission Measurement Limits

4.2.1. Radiation Emission Measurement Limits According to FCC Part 15 Section 15.231(b)

Frequency Range of Fundamental [MHz]	Field Strength of Fundamental Emission [Average] [$\mu\text{V/m}$]	Field Strength of Spurious Emission [Average] [$\mu\text{V/m}$]
40.66-40.70	2250	225
70-130	1250	125
130-174	1250-3750	125-375
174-260	3750	375
260-470	3750-12500	375-1250
Above 470	12500	1250

Where F is the frequency in MHz, the formulas for calculating the maximum permitted fundamental field strengths are as follows: for the band 130-174 MHz, $\mu\text{V/m}$ at 3 meters = $56.81818(F) - 6136.3636$; for the band 260-470 MHz, $\mu\text{V/m}$ at 3 meters = $41.6667(F) - 7083.3333$. The maximum permitted unwanted emission level is 20 dB below the maximum permitted fundamental level.

4.2.2. Restricted Band Radiation Emission Measurement Limits According to FCC part 15 Section 15.205 and Section 15.209.

4.3. Configuration of EUT on Measurement

The following equipment is installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.3.1. REMOTE CONTROL (EUT)

Model Number : DC9
Serial Number : 1801797
Manufacturer : Carewell Electric Technology (Zhongshan) Co., Ltd.

4.4. Operating Condition of EUT

4.4.1. Setup the EUT and simulator as shown as Section 4.1.

4.4.2. Turn on the power of all equipment.

4.4.3. Let the EUT work in TX mode measure it.

4.5. Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground(Below 1GHz). The EUT and its simulators are placed on a turntable, which is 1.5 meter high above ground(Above 1GHz). The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bi-log antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the EUT location must be manipulated according to ANSI C63.10:2013 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The bandwidth of test receiver is set at 120 kHz in 30-1000 MHz, and 1 MHz in 1000-5000 MHz.

The frequency range from 9kHz to 5000MHz is checked.

4.6. DATA SAMPLE

Frequency (MHz)	Reading (dB μ v)	Factor (dB/m)	Result (dB μ v/m)	Limit (dB μ v/m)	Margin (dB)	Remark
X.XX	49.83	-22.03	27.80	43.50	-15.70	QP

Frequency(MHz) = Emission frequency in MHz

Reading(dB μ v) = Uncorrected Analyzer/Receiver reading

Factor (dB/m)= Antenna factor + Cable Loss – Amplifier gain

Result(dB μ v/m) = Reading + Factor

Limit (dB μ v/m)= Limit stated in standard

Margin (dB) = Result(dB μ v/m) - Limit (dB μ v/m)

Calculation Formula:

Margin(dB) = Result (dB μ v/m)–Limit(dB μ v/m)

Result(dB μ v/m)= Reading(dB μ v)+ Factor(dB/m)

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the limit.

4.7. The Field Strength of Radiation Emission Measurement Results

PASS.

Note: The radiation emissions from 9KHz-30MHz are not reported, because the test values lower than the limits of 20dB.

EUT:	<u>REMOTE CONTROL</u>		
Model No.:	<u>DC9</u>	Power Supply:	<u>DC 3V</u>
Test Mode:	<u>433.92MHz TX</u>	Test Engineer:	<u>Frank</u>

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Average Factor (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	PEAK			AV	PEAK	AV	PEAK	AV	PEAK	
433.92	103.64	-17.78	-6.10	79.76	85.86	80.83	100.83	-1.07	-14.97	Horizontal
30.639	51.90	-20.36	/	31.54(QP)		40		-8.46		
867.85	51.37	-7.98	-6.10	37.29	43.39	60.83	80.83	-23.54	-37.44	
1301.76	62.15	-10.43	-6.10	45.62	51.72	60.83	80.83	-15.21	-29.11	
2603.52	56.20	-5.46	-6.10	44.64	50.74	60.83	80.83	-16.19	-30.09	
433.92	102.47	-17.78	-6.10	78.59	84.69	80.83	100.83	-2.24	-16.14	Vertical
30.855	51.52	-20.41	/	31.11(QP)		40		-8.89		
867.85	51.08	-7.98	-6.10	37.00	43.10	60.83	80.83	-23.83	-37.73	
1301.76	61.65	-10.43	-6.10	45.12	51.22	60.83	80.83	-15.71	-29.61	
2603.52	55.20	-5.46	-6.10	43.64	49.74	60.83	80.83	-17.19	-31.09	

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
Result = Reading + Corrected Factor
Where Corrected Factor = Antenna Factor + Cable Loss + High Pass Filter Loss – Amplifier Gain
3. FCC Limit for Average Measurement = 41.6667(433.92)-7083.3333 = 10996.681164 μV/m =80.83 μV/m
4. The spectral diagrams in appendix I display the measurement of peak values.
5. Average value= PK value + Average Factor (duty factor)
6. If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.
7. The EUT is tested radiation emission in three axes(X,Y,Z). The worst emissions are reported in three axes.

8. Pulse Desensitization Correction Factor

Pulse Width (PW) = 0.36ms

$2/PW = 2/0.36\text{ms} = 5.56\text{kHz}$

RBW (100 kHz) > 2/PW (5.56kHz)

Therefore PDCF is not needed

5. -20DB BANDWIDTH

5.1. Block Diagram of Test Setup



(EUT: REMOTE CONTROL)

5.2. The Bandwidth of Emission Limit According To FCC Part 15 Section

15.231(c)

The bandwidth of emission shall be no wider than 0.25% of the center frequency. Therefore, the bandwidth of the emission limit is $433.92 \text{ MHz} \times 0.25\% = 1084.8 \text{ kHz}$. Bandwidth is determined at the two points 20 dB down from the top of modulated carrier.

5.3. EUT Configuration on Measurement

The following equipment are installed on the bandwidth of emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

5.3.1. REMOTE CONTROL (EUT)

Model Number : DC9
Serial Number : 1801797
Manufacturer : Carewell Electric Technology (Zhongshan) Co., Ltd.

5.4. Operating Condition of EUT

5.4.1. Setup the EUT and simulator as shown as Section 5.1.

5.4.2. Turn on the power of all equipment.

5.4.3. Let the EUT work in TX mode measure it.

5.5. Test Procedure

5.5.1. Set SPA Center Frequency = Fundamental frequency, RBW = 30 kHz, VBW = 100 kHz, Span = 500kHz.

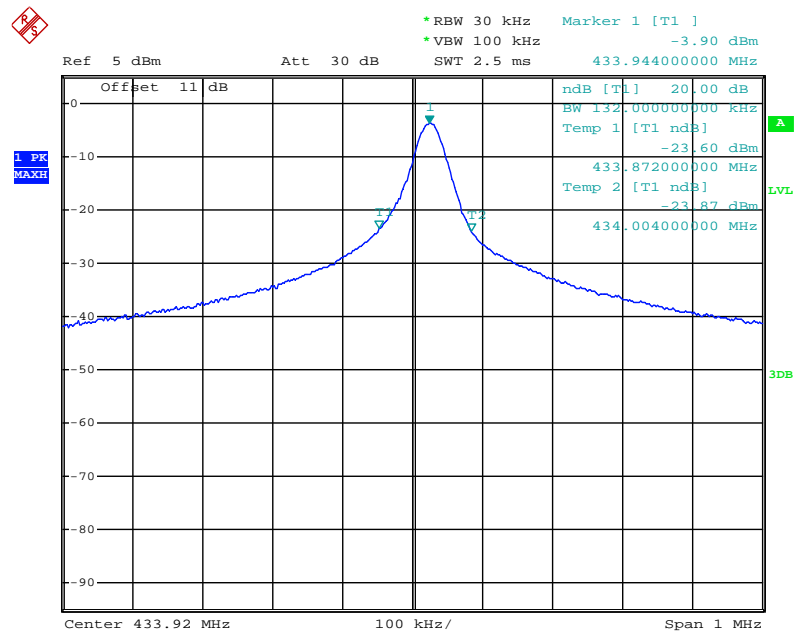
5.5.2. Set SPA Max hold, Mark peak, -20 dB.

5.6. Measurement Result

The EUT does meet the FCC requirement.

-20 dB bandwidth = 132 kHz < 1084.8 kHz.

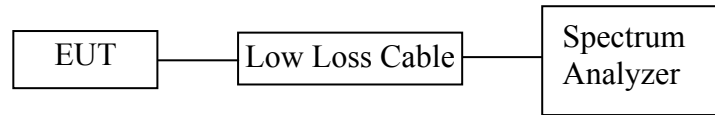
The test chart of -20 dB bandwidth:



Date: 13.DEC.2018 14:47:02

6. RELEASE TIME MEASUREMENT

6.1. Block Diagram of Test Setup



(EUT: REMOTE CONTROL)

6.2. Release Time Measurement According To FCC Part 15 Section 15.231(a)

Section 15.231(a) (1) A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter within not more than 5 seconds of being released.

6.3. EUT Configuration on Measurement

The following equipment are installed on Release Time Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

6.3.1. REMOTE CONTROL (EUT)

Model Number : DC9
Serial Number : 1801797
Manufacturer : Carewell Electric Technology (Zhongshan) Co., Ltd.

6.4. Operating Condition of EUT

6.4.1. Setup the EUT and simulator as shown as Section 6.1.

6.4.2. Turn on the power of all equipment.

6.4.3. Let the EUT work in TX mode measure it.

6.5. Test Procedure

6.5.1. Set SPA Center Frequency = Fundamental frequency, RBW = 100 kHz, VBW = 300 kHz, Span = 0 Hz. Sweep time = 10 s.

6.5.2. Set EUT as normal operation and press Transmitter button.

6.5.3. Set SPA View. Delta Mark time.

6.6. Measurement Result

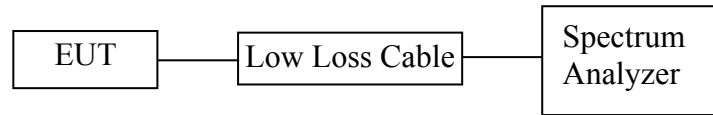
The release time less than 5 seconds.

Release Time = 3.48s

The spectral diagrams in appendix I.

7. AVERAGE FACTOR MEASUREMENT

7.1. Block Diagram of Test Setup



(EUT: REMOTE CONTROL)

7.2. Average factor Measurement according to ANSI C63.10-2013

ANSI C63.10-2013 Section 7.5 Unless otherwise specified, when the radiated emission limits are expressed in terms of the average value of the emission, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 s (100 ms). In cases where the pulse train exceeds 0.1 s, the measured field strength shall be determined during a 0.1 s interval.⁶⁴ The following procedure is an example of how the average value may be determined. The average field strength may be found by measuring the peak pulse amplitude (in log equivalent units) and determining the duty cycle correction factor (in dB) associated with the pulse modulation as shown in Equation (10):

Average factor in dB = 20 log (duty cycle)

7.3. EUT Configuration on Measurement

The following equipment are installed on average factor Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

7.3.1. REMOTE CONTROL

Model Number : DC9
Serial Number : 1801797
Manufacturer : Carewell Electric Technology (Zhongshan) Co., Ltd.

7.4. Operating Condition of EUT

7.4.1. Setup the EUT and simulator as shown as Section 7.1.

7.4.2. Turn on the power of all equipment.

7.4.3. Let the EUT work in TX mode measure it.

7.5. Test Procedure

7.5.1. The time period over which the duty cycle is measured is 100 milliseconds, or the repetition cycle, whichever is a shorter time frame. The worst case (highest percentage on) duty cycle is used for the calculation.

7.5.2. Set SPA Center Frequency = Fundamental frequency, RBW = 1000 kHz, VBW = 3000 kHz, Span = 0 Hz.

7.5.3. Set EUT as normal operation.

7.5.4. Set SPA View. Delta Mark time.

7.6. Measurement Result

The duty cycle is simply the on time divided by the period:

The duration of one cycle = 100.0ms

Effective period of the cycle = $(0.7 \times 61) + (0.36 \times 19)$ ms = 49.54 ms

DC = $49.54\text{ms} / 100.0\text{ms} = 0.4954$

Therefore, the average factor is found by $20\log 0.4954 = -6.10\text{dB}$

The spectral diagrams in appendix I.

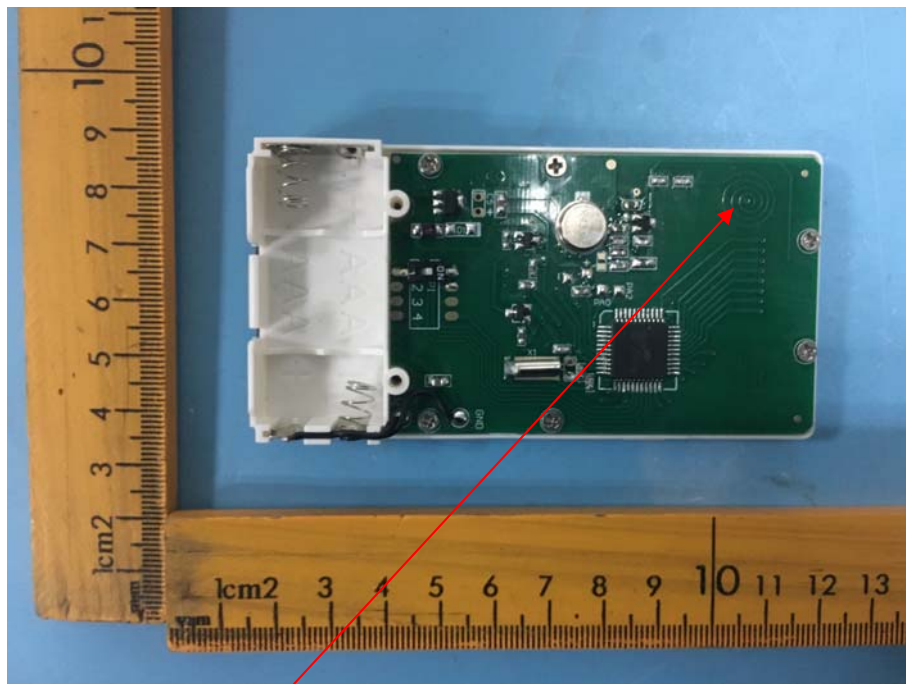
8. ANTENNA REQUIREMENT

8.1. The Requirement

According to Section 15.203, 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.

8.2. Antenna Construction

Device is equipped with permanent attached antenna, which isn't displaced by other antenna. The Antenna gain of EUT is 0dBi. Therefore, the equipment complies with the antenna requirement of Section 15.203.



Antenna

APPENDIX I (Test Curves)



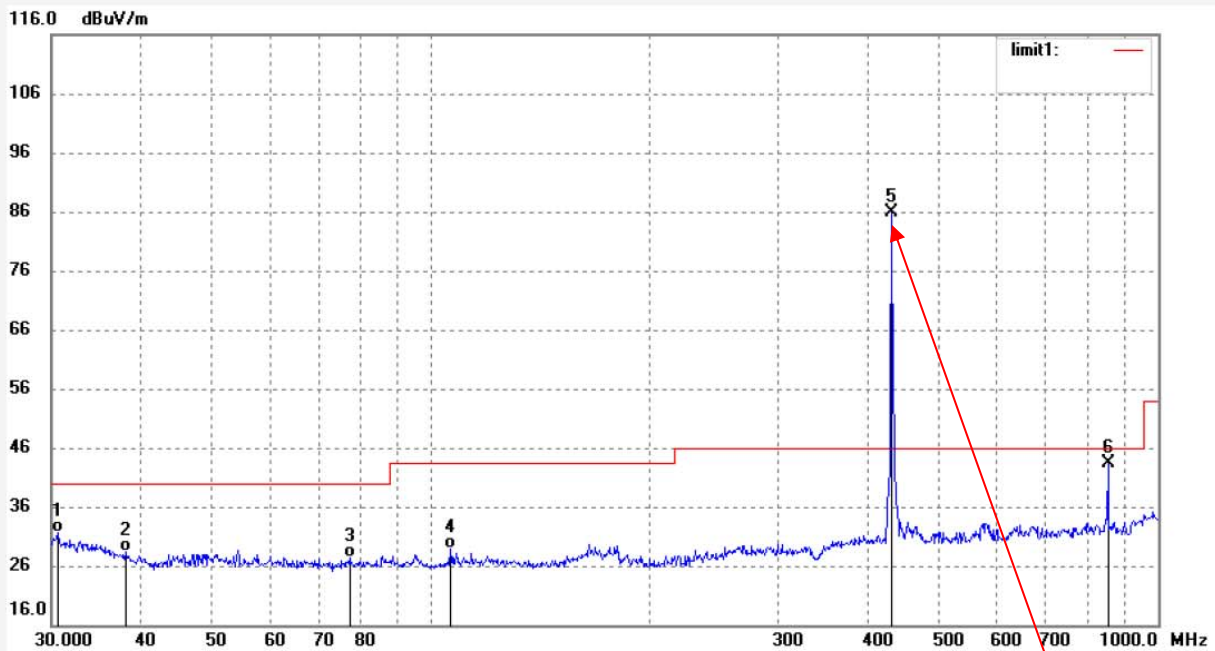
ACCURATE TECHNOLOGY CO., LTD.

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Job No.: FRANK2018A #565	Polarization: Horizontal
Standard: FCC 15.231a 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 18/12/12/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/31/39
EUT: REMOTE CONTROL	Engineer Signature:
Mode: TX 433.92MHz	Distance: 3m
Model: DC9	
Manufacturer: Carewell Electric Technology (Zhongshan) Co., Ltd	

Note: Report NO.:ATE20182124



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	30.6389	51.90	-20.36	31.54	40.00	-8.46	QP	200	96	
2	37.9628	51.20	-22.73	28.47	40.00	-11.53	QP	200	221	
3	77.1962	55.06	-27.57	27.49	40.00	-12.51	QP	200	103	
4	106.2810	56.74	-27.92	28.82	43.50	-14.68	QP	200	41	
5	433.9252	103.64	-17.78	85.86	100.83	-14.97	peak	200	328	
6	867.8545	51.37	-7.98	43.39	80.83	-37.44	peak	200	32	

Note: the peak limit for fundamental frequency is 100.83 dBuV/m.

Fundamental frequency



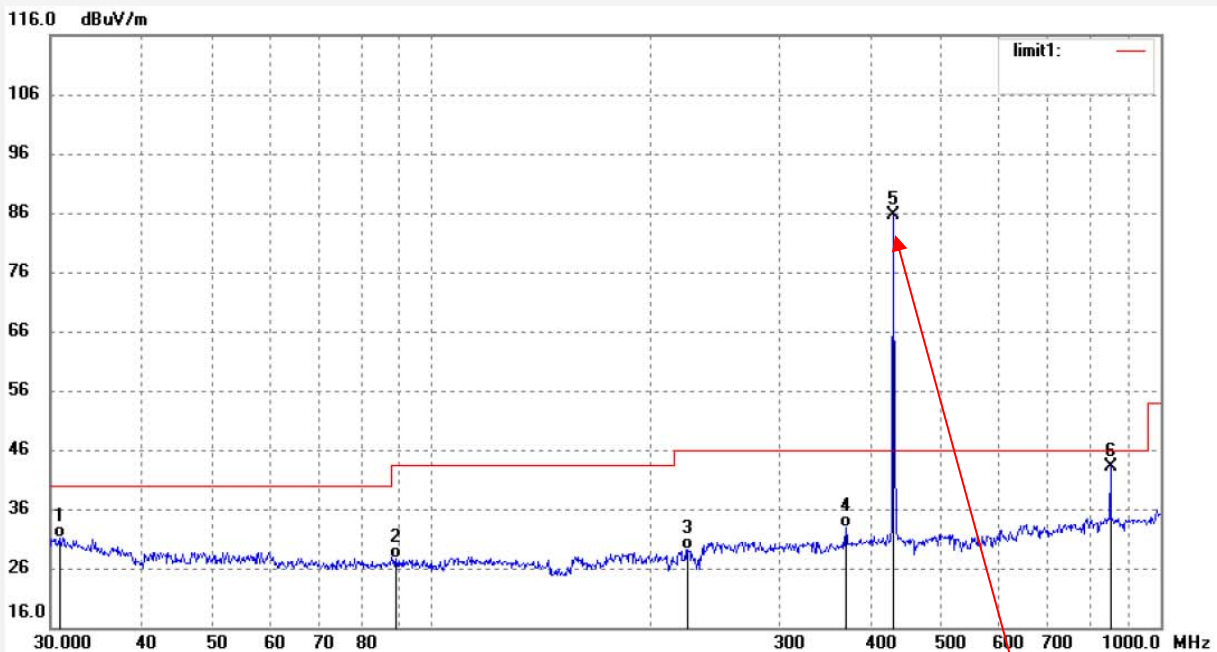
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Job No.: FRANK2018A #564	Polarization: Vertical
Standard: FCC 15.231a 3M Radiated	Power Source: DC 3V
Test item: Radiation Test	Date: 18/12/12/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 9/30/20
EUT: REMOTE CONTROL	Engineer Signature:
Mode: TX 433.92MHz	Distance: 3m
Model: DC9	
Manufacturer: Carewell Electric Technology (Zhongshan) Co., Ltd	

Note: Report NO.:ATE20182124



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	30.8551	51.52	-20.41	31.11	40.00	-8.89	QP	150	109	
2	89.4715	54.93	-27.42	27.51	43.50	-15.99	QP	150	103	
3	224.6358	53.00	-23.94	29.06	46.00	-16.94	QP	150	69	
4	369.9658	51.60	-18.77	32.83	46.00	-13.17	QP	150	123	
5	433.9252	102.47	-17.78	84.69	100.83	-16.14	peak	150	189	
6	867.8545	51.08	-7.98	43.10	80.83	-37.73	peak	150	317	

Note: the peak limit for fundamental frequency is 100.83 dBuV/m.

Fundamental frequency



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Fax:+86-0755-26503396

Job No.: FRANK2018A #566

Standard: FCC 15.231a

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: REMOTE CONTROL

Mode: TX 433.92MHz

Model: DC9

Manufacturer: Carewell Electric Technology (Zhongshan) Co., Ltd

Polarization: Horizontal

Power Source: DC 3V

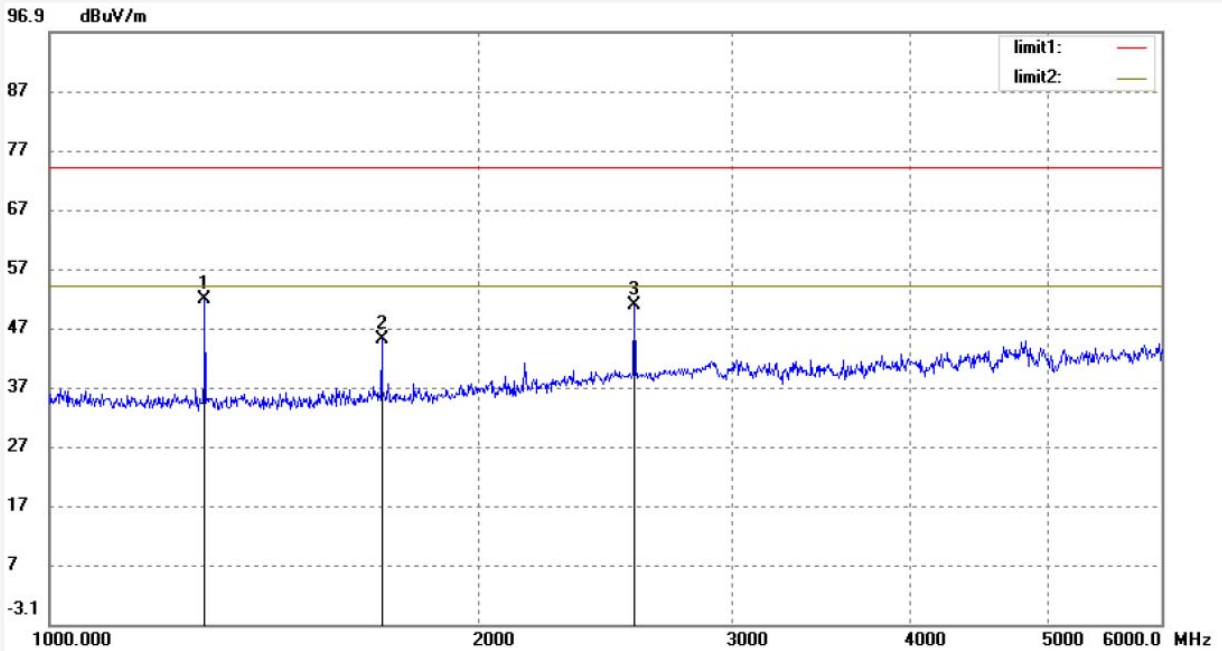
Date: 18/12/12/

Time: 9/36/05

Engineer Signature:

Distance: 3m

Note: Report NO.:ATE20182124



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1301.762	62.15	-10.43	51.72	80.83	-29.11	peak	150	318	
2	1735.681	54.26	-9.28	44.98	80.83	-35.85	peak	150	187	
3	2603.523	56.20	-5.46	50.74	80.83	-30.09	peak	150	323	



ACCURATE TECHNOLOGY CO., LTD.

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Site: 1# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: FRANK2018A #567

Standard: FCC 15.231a

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: REMOTE CONTROL

Mode: TX 433.92MHz

Model: DC9

Manufacturer: Carewell Electric Technology (Zhongshan) Co., Ltd

Polarization: Vertical

Power Source: DC 3V

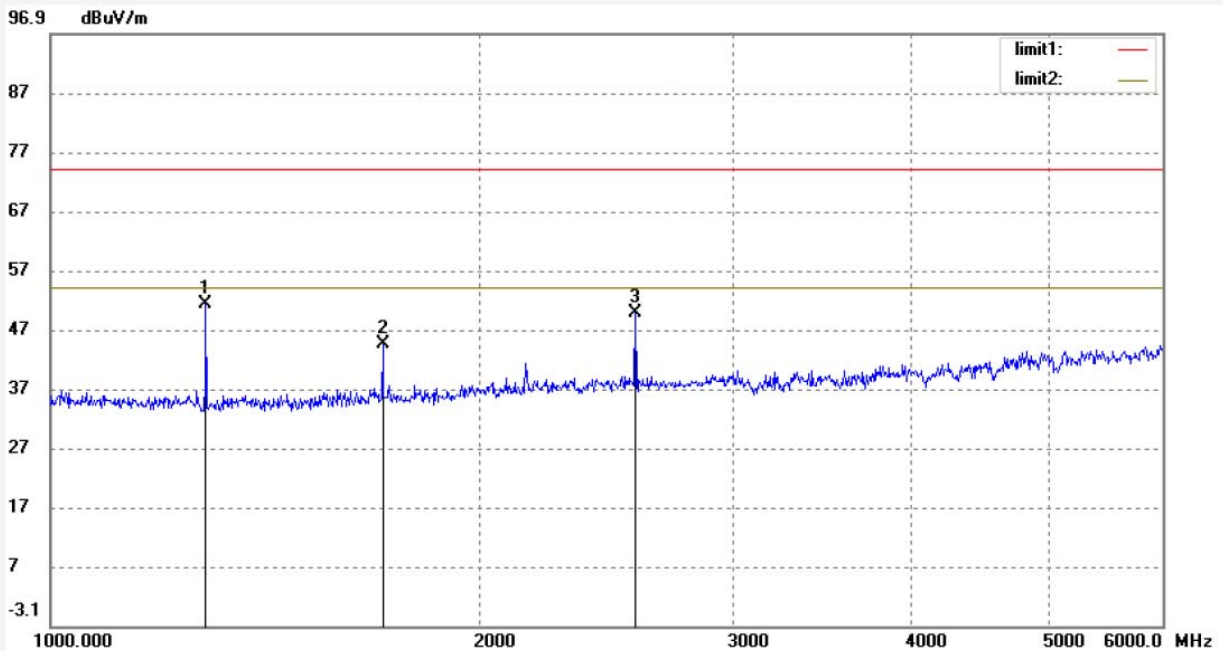
Date: 18/12/12/

Time: 9/36/15

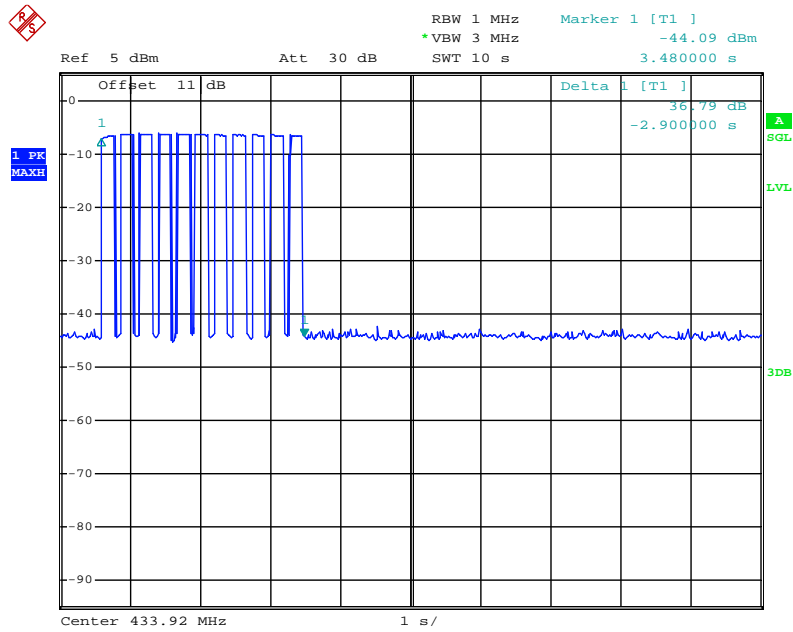
Engineer Signature:

Distance: 3m

Note: Report NO.:ATE20182124

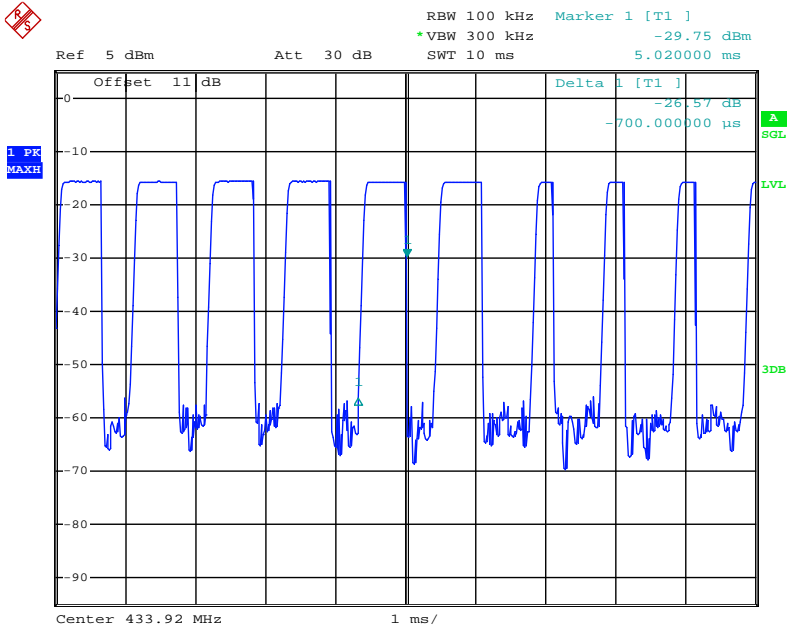


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1301.762	61.65	-10.43	51.22	80.83	-29.61	peak	200	310	
2	1735.681	53.76	-9.28	44.48	80.83	-36.35	peak	200	182	
3	2603.523	55.20	-5.46	49.74	80.83	-31.09	peak	200	137	



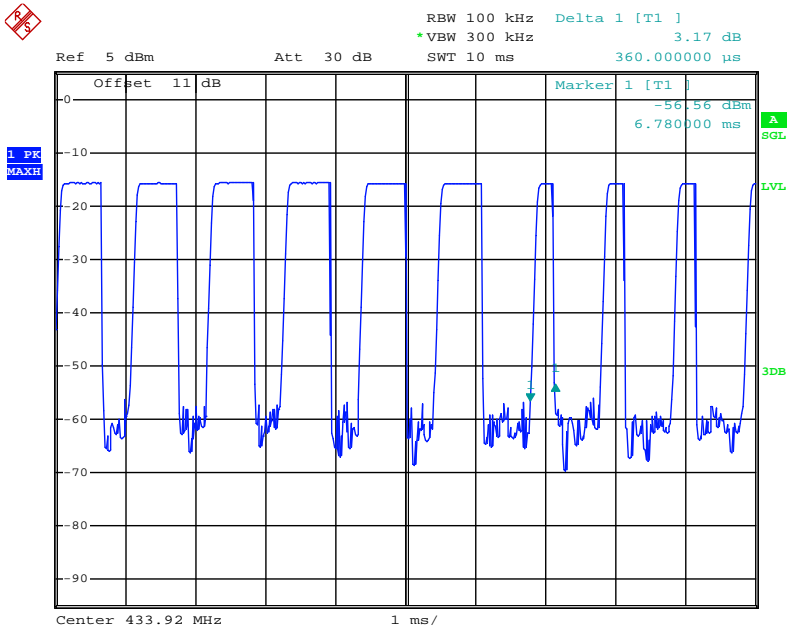
Date: 13.DEC.2018 15:02:14

Release Time = 3.48s



Date: 13.DEC.2018 14:55:21

The graph shows the duration of 'on' signal. From marker 1 to delta 1, duration is 0.7ms.



Date: 13.DEC.2018 14:55:48

The graph shows the duration of 'on' signal. From marker 1 to delta 1, duration is 0.36ms.