

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

REMOTE CONTROL
Model No.: AC8

FCC ID: 2AAZPAC8

Prepared for : Carewell Electric Technology (Zhongshan) Co., Ltd.
Address : Torch Development Zone, No.2, Ouya Road, Zhongshan,
Guangdong, China
Prepared by : Accurate Technology Co., Ltd.
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Report No. : ATE20162231
Date of Test : November 1-4, 2016
Date of Report : November 5, 2016

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Test Report Declaration

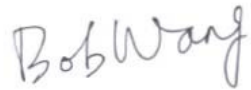
Applicant : Carewell Electric Technology (Zhongshan) Co., Ltd.
Manufacturer : Carewell Electric Technology (Zhongshan) Co., Ltd.
Product : REMOTE CONTROL
Model No. : AC8
Trade name : N/A

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B: 2015 ANSI C63.4: 2014

The device described above is tested by 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 B Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and 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 Accurate Technology Co., Ltd.

Date of Test :	November 1-4, 2016
Date of Report :	November 5, 2016
Prepared by :	 (Bob Wang, Engineer)
Approved & Authorized Signer :	 (Sean Liu, Manager)

1. TEST RESULTS SUMMARY

Test Items	Test Standard	Test Results
Power Line Conducted Emission	FCC Part 15 Subpart B	Pass
Radiated Emission	FCC Part 15 Subpart B	Pass

2. GENERAL INFORMATION

2.1.Product of Device (EUT)

EUT	: REMOTE CONTROL
Model Number	: AC8
Power Supply	: AC 120V; 60Hz
Modulation:	: ASK
RX Frequency	: 315MHz
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	: 1/2F, 12 Building, Lianchuang Park, Bulan Road, Buji Town, Longgang District, Shenzhen City, Guangdong Province, P.R. China
Date of sample received	: November 1, 2016
Date of Test	: November 1-4, 2016

2.2.Special Accessory and Auxiliary Equipment

Motor	: Manufacturer: Xinhui Yadi Mechanical and Electrical Plant Model: CPD1613-E S/N: 101200005
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2.3. Description of Test Facility

EMC Lab : Accredited by TUV Rheinland Shenzhen, May 10, 2004

Listed by FCC

The Registration Number is 253065

Listed by FCC

The Registration Number is 752051

Listed by Industry Canada

The Registration Number is 5077A-1

Listed by Industry Canada

The Registration Number is 5077A-2

Accredited by China National Accreditation Committee for Laboratories

The Certificate Registration Number is L3193

Name of Firm : Accurate Technology Co., Ltd.

Site Location : F1, Bldg. A&D, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan District, Shenzhen 518057, P.R. China

2.4. Measurement Uncertainty

Conducted emission expanded uncertainty : U=2.23dB, k=2

Power disturbance expanded uncertainty : U=2.92dB, k=2

Radiated emission expanded uncertainty : U=3.08dB, k=2
(9kHz-30MHz)

Radiated emission expanded uncertainty : U=4.42dB, k=2
(30MHz-1000MHz)

Radiated emission expanded uncertainty : U=4.06dB, k=2
(Above 1GHz)

3. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated dates	Cal. Interval
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 09, 2016	One Year
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 09, 2016	One Year
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 09, 2016	One Year
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 09, 2016	One Year
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 14, 2016	One Year
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 14, 2016	One Year
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 14, 2016	One Year
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1067	Jan. 14, 2016	One Year
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 09, 2016	One Year
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 09, 2016	One Year
Highpass Filter	Wainwright Instruments	WHKX3.6/18 G-10SS	N/A	Jan. 09, 2016	One Year
Band Reject Filter	Wainwright Instruments	WRCG2400/2 485-2375/2510 -60/11SS	N/A	Jan. 09, 2016	One Year

4. POWER LINE CONDUCTED MEASUREMENT

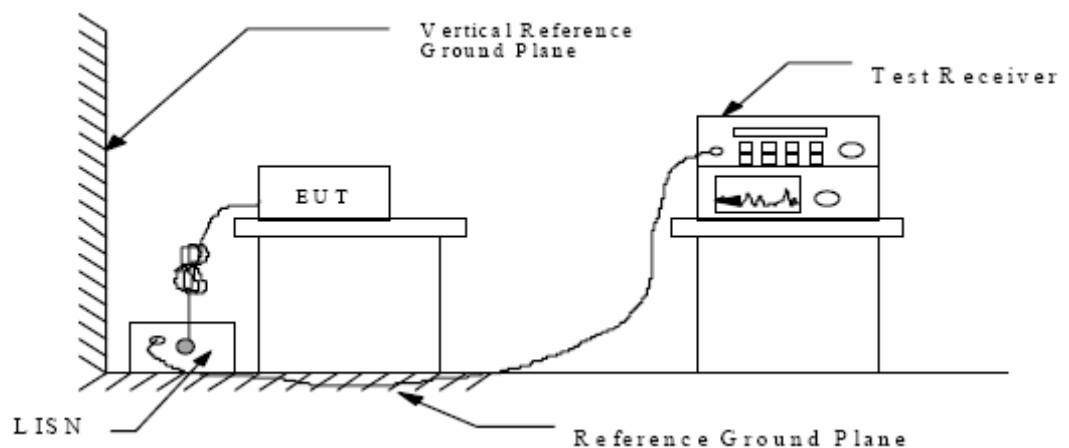
4.1. Block Diagram of Test Setup

4.1.1. Block diagram of connection between the EUT and simulators



(EUT: REMOTE CONTROL)

4.1.2. Shielding Room Test Setup Diagram



(EUT: REMOTE CONTROL)

4.2. The Emission Limit

4.2.1. Conducted Emission Measurement Limits According to Section 15.107(a)

Frequency (MHz)	Limit dB(μ V)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

4.3. Configuration of EUT on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner, which tends to maximize its emission characteristics in a normal application.

4.3.1.REMOTE CONTROL (EUT)

Model Number: AC8

Serial Number: N/A

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 test mode and measure it.

4.5. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines 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 C63.4: 2014 on Conducted Emission Measurement.

The bandwidth of test receiver(R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

4.6. Power Line Conducted Emission Measurement Results

PASS.

Test Mode: On(120V/60Hz)								
MEASUREMENT RESULT: "2231-1_fin"								
2016-11-1 17:46								
Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE	
0.150000	42.70	10.3	66	23.3	QP	L1	GND	
0.264000	39.20	10.9	61	22.1	QP	L1	GND	
0.792000	36.40	11.6	56	19.6	QP	L1	GND	
0.898000	31.50	11.6	56	24.5	QP	L1	GND	
1.554000	30.00	11.6	56	26.0	QP	L1	GND	
1.972000	23.70	11.7	56	32.3	QP	L1	GND	
MEASUREMENT RESULT: "2231-1_fin2"								
2016-11-1 17:46								
Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE	
0.154000	40.90	10.4	56	14.9	AV	L1	GND	
0.190000	41.10	10.6	54	12.9	AV	L1	GND	
0.296000	39.10	11.0	50	11.3	AV	L1	GND	
0.764000	33.50	11.5	46	12.5	AV	L1	GND	
0.806000	34.10	11.6	46	11.9	AV	L1	GND	
0.904000	30.40	11.6	46	15.6	AV	L1	GND	
MEASUREMENT RESULT: "2231-2_fin"								
2016-11-1 17:49								
Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE	
0.150000	40.40	10.3	66	25.6	QP	N	GND	
0.344000	38.40	11.1	59	20.7	QP	N	GND	
0.798000	36.50	11.6	56	19.5	QP	N	GND	
0.892000	31.50	11.6	56	24.5	QP	N	GND	
2.135000	24.70	11.7	56	31.3	QP	N	GND	
5.154500	15.00	11.8	60	45.0	QP	N	GND	
20.607500	13.00	12.0	60	47.0	QP	N	GND	
MEASUREMENT RESULT: "2231-2_fin2"								
2016-11-1 17:49								
Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE	
0.296000	39.00	11.0	50	11.4	AV	N	GND	
0.802000	34.60	11.6	46	11.4	AV	N	GND	
0.904000	30.80	11.6	46	15.2	AV	N	GND	
2.130500	23.30	11.7	46	22.7	AV	N	GND	
5.132000	14.00	11.8	50	36.0	AV	N	GND	
29.864000	17.60	12.0	50	32.4	AV	N	GND	

Emissions attenuated more than 20 dB below the permissible value are not reported.

The spectral diagrams are shown in the following pages.

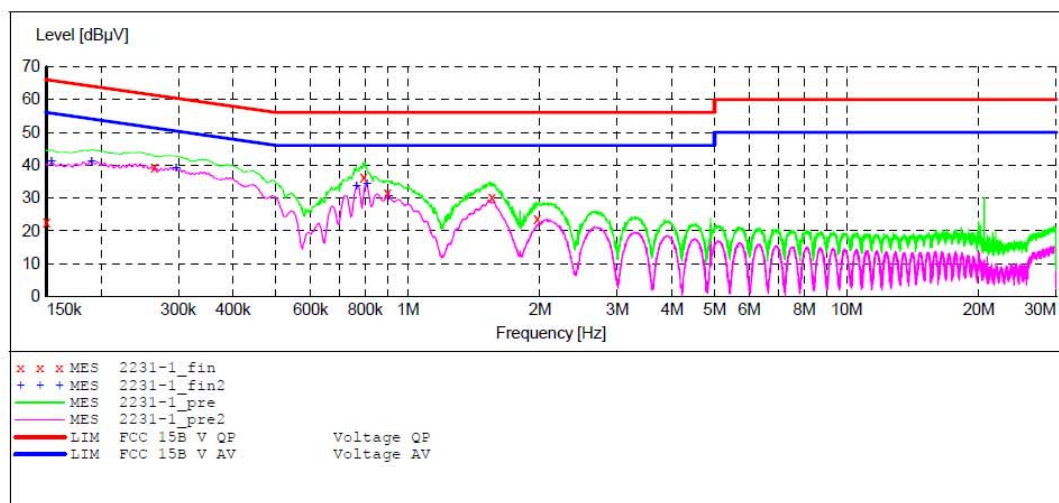
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART15B

EUT: REMOTE CONTROL M/N:AC8
 Manufacturer: CAREWELL
 Operating Condition: ON
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: L 120V/60Hz
 Comment: Report NO.:ATE20162231
 Start of Test: 2016-11-1 / 17:44:18

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)
 Average



MEASUREMENT RESULT: "2231-1_fin"

2016-11-1 17:46

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.150000	42.70	10.3	66	23.3	QP	L1	GND
0.264000	39.20	10.9	61	22.1	QP	L1	GND
0.792000	36.40	11.6	56	19.6	QP	L1	GND
0.898000	31.50	11.6	56	24.5	QP	L1	GND
1.554000	30.00	11.6	56	26.0	QP	L1	GND
1.972000	23.70	11.7	56	32.3	QP	L1	GND

MEASUREMENT RESULT: "2231-1_fin2"

2016-11-1 17:46

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.154000	40.90	10.4	56	14.9	AV	L1	GND
0.190000	41.10	10.6	54	12.9	AV	L1	GND
0.296000	39.10	11.0	50	11.3	AV	L1	GND
0.764000	33.50	11.5	46	12.5	AV	L1	GND
0.806000	34.10	11.6	46	11.9	AV	L1	GND
0.904000	30.40	11.6	46	15.6	AV	L1	GND

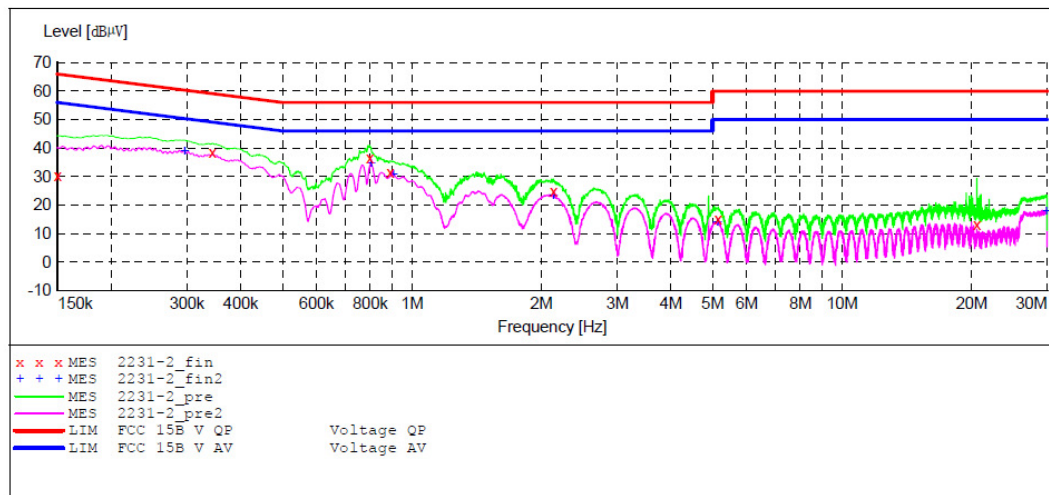
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART15B

EUT: REMOTE CONTROL M/N:AC8
 Manufacturer: CAREWELL
 Operating Condition: ON
 Test Site: 1#Shielding Room
 Operator: Frank
 Test Specification: N 120V/60Hz
 Comment: Report NO.:ATE20162231
 Start of Test: 2016-11-1 / 17:47:17

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)
 Average



MEASUREMENT RESULT: "2231-2_fin"

2016-11-1 17:49

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.150000	40.40	10.3	66	25.6	QP	N	GND
0.344000	38.40	11.1	59	20.7	QP	N	GND
0.798000	36.50	11.6	56	19.5	QP	N	GND
0.892000	31.50	11.6	56	24.5	QP	N	GND
2.135000	24.70	11.7	56	31.3	QP	N	GND
5.154500	15.00	11.8	60	45.0	QP	N	GND
20.607500	13.00	12.0	60	47.0	QP	N	GND

MEASUREMENT RESULT: "2231-2_fin2"

2016-11-1 17:49

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.296000	39.00	11.0	50	11.4	AV	N	GND
0.802000	34.60	11.6	46	11.4	AV	N	GND
0.904000	30.80	11.6	46	15.2	AV	N	GND
2.130500	23.30	11.7	46	22.7	AV	N	GND
5.132000	14.00	11.8	50	36.0	AV	N	GND
29.864000	17.60	12.0	50	32.4	AV	N	GND

5. RADIATED EMISSION MEASUREMENT

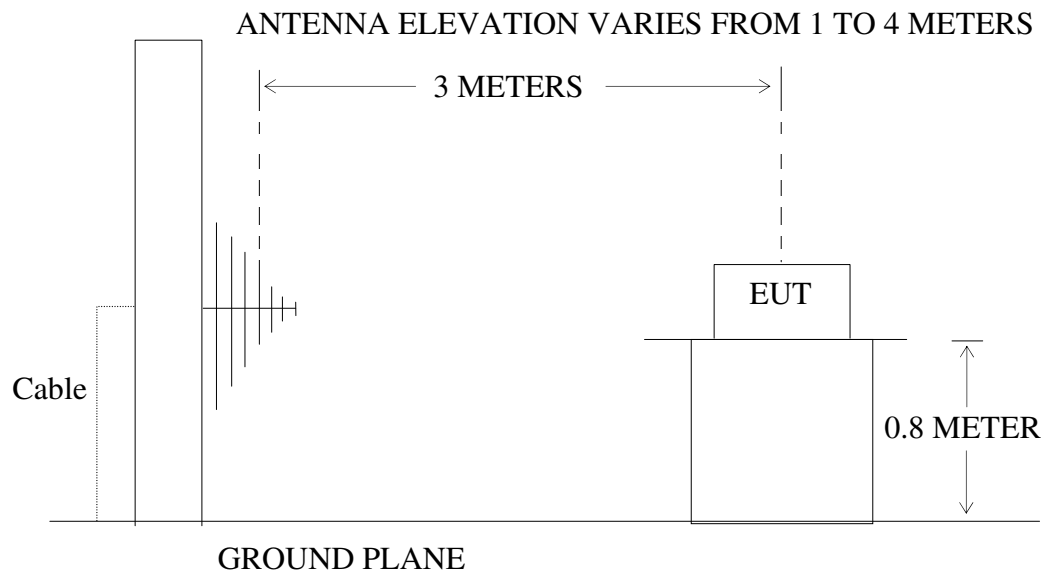
5.1. Block Diagram of Test Setup

5.1.1. Block diagram of connection between the EUT and simulators



(EUT: REMOTE CONTROL)

5.1.2. Semi-Anechoic Chamber Test Setup Diagram



(EUT: REMOTE CONTROL)

5.2.The Emission Limit For Section 15.109 (a)

5.2.1.Radiation Emission Measurement Limits According to Section 15.109 (a).

Frequency MHz	Distance Meters	Field Strengths Limit	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V/m})$
30-88	3	100	40.0
88-216	3	150	43.5
216-960	3	200	46.0
960-1000	3	500	54.0
Remark: (1) Emission level $\text{dB}(\mu\text{V}) = 20 \log$ Emission level $\mu\text{V/m}$. (2)The smaller limit shall apply at the cross point between two frequency bands. (3)Distance is the distance in meters between the measuring instrument antenna and the closest point of any part of the device or system.			

5.3.EUT Configuration 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.

5.3.1.REMOTE CONTROL

Model Number: AC8

Serial Number: N/A

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 test mode and measure it.

5.5.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. 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 bilog 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 interface cables must be manipulated according to ANSI C63.4: 2014 on radiated emission measurement.

The bandwidth of the EMI test receiver(R&S ESCS30) is set at 120kHz from 30MHz to 1000MHz.

The frequency range from 30MHz to 2000MHz is checked.

5.6.Radiated Emission Noise Measurement Result

PASS.

Model Number: AC8								
Test mode: On								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	63.4081	46.57	-21.87	24.70	40.00	-15.30	QP
	2	69.7179	46.22	-22.07	24.15	40.00	-15.85	QP
	3	113.2200	46.82	-21.84	24.98	43.50	-18.52	QP
	4	199.3416	49.50	-18.69	30.81	43.50	-12.69	QP
	5	336.4817	43.03	-14.34	28.69	46.00	-17.31	QP
	6	520.2078	40.67	-10.41	30.26	46.00	-15.74	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	32.7544	45.64	-15.39	30.25	40.00	-9.75	peak
	2	69.4734	50.83	-22.07	28.76	40.00	-11.24	peak
	3	83.9883	52.11	-21.98	30.13	40.00	-9.87	peak
	4	109.6957	54.34	-21.86	32.48	43.50	-11.02	peak
	5	130.7634	54.15	-22.15	32.00	43.50	-11.50	peak
	6	209.3924	52.81	-18.46	34.35	43.50	-9.15	peak
Above 1G								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1022.474	42.74	-7.67	35.07	74.00	-38.93	peak
	2	1137.899	43.25	-7.59	35.66	74.00	-38.34	peak
	3	1326.676	41.99	-7.49	34.50	74.00	-39.50	peak
	4	1391.802	42.27	-7.45	34.82	74.00	-39.18	peak
	5	1661.475	43.01	-6.89	36.12	74.00	-37.88	peak
	6	1803.378	43.57	-6.47	37.10	74.00	-36.90	peak
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1063.764	42.57	-7.64	34.93	74.00	-39.07	peak
	2	1212.981	43.86	-7.54	36.32	74.00	-37.68	peak
	3	1339.638	42.95	-7.47	35.48	74.00	-38.52	peak
	4	1456.074	42.32	-7.40	34.92	74.00	-39.08	peak
	5	1627.215	43.94	-7.00	36.94	74.00	-37.06	peak
	6	1819.734	42.52	-6.42	36.10	74.00	-37.90	peak

Below 1GHz



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Frank #3099

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: REMOTE CONTROL

Mode: ON

Model: AC8

Manufacturer: CAREWELL

Polarization: Horizontal

Power Source: AC 120V/60Hz

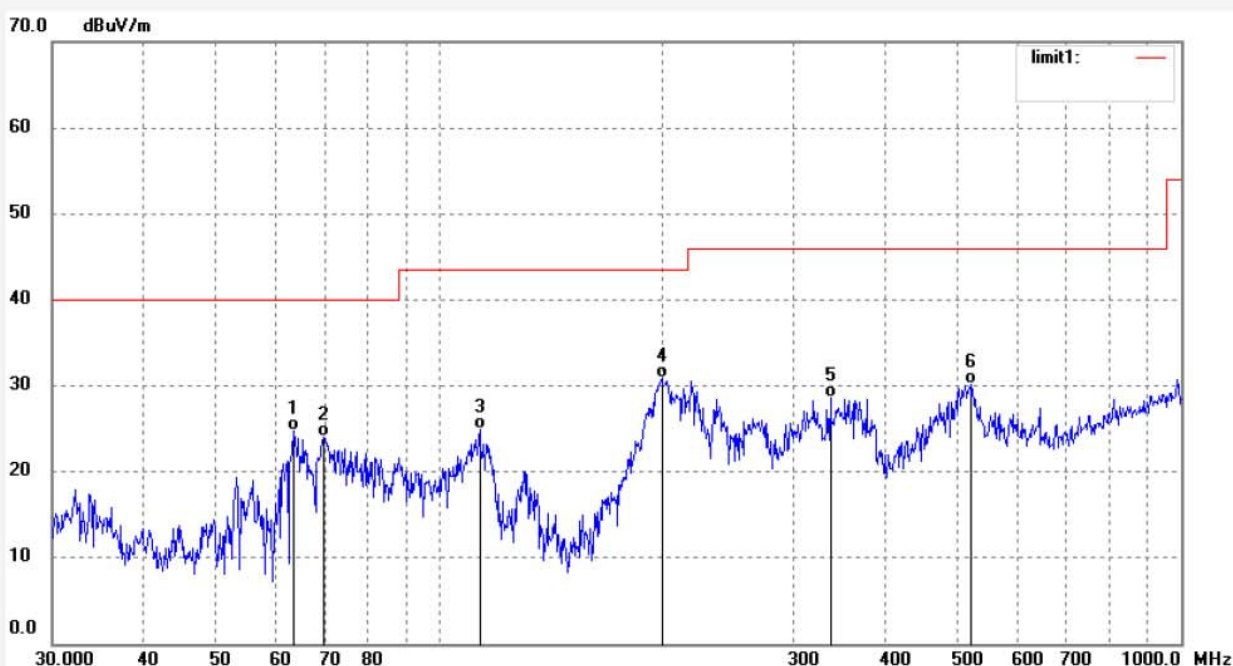
Date: 16/11/04/

Time: 9/11/49

Engineer Signature: Frank

Distance: 3m

Note: Report NO.:ATE20162231



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	63.4081	46.57	-21.87	24.70	40.00	-15.30	QP			
2	69.7179	46.22	-22.07	24.15	40.00	-15.85	QP			
3	113.2200	46.82	-21.84	24.98	43.50	-18.52	QP			
4	199.3416	49.50	-18.69	30.81	43.50	-12.69	QP			
5	336.4817	43.03	-14.34	28.69	46.00	-17.31	QP			
6	520.2078	40.67	-10.41	30.26	46.00	-15.74	QP			

Job No.: Frank #3100

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: REMOTE CONTROL

Mode: ON

Model: AC8

Manufacturer: CAREWELL

Polarization: Vertical

Power Source: AC 120V/60Hz

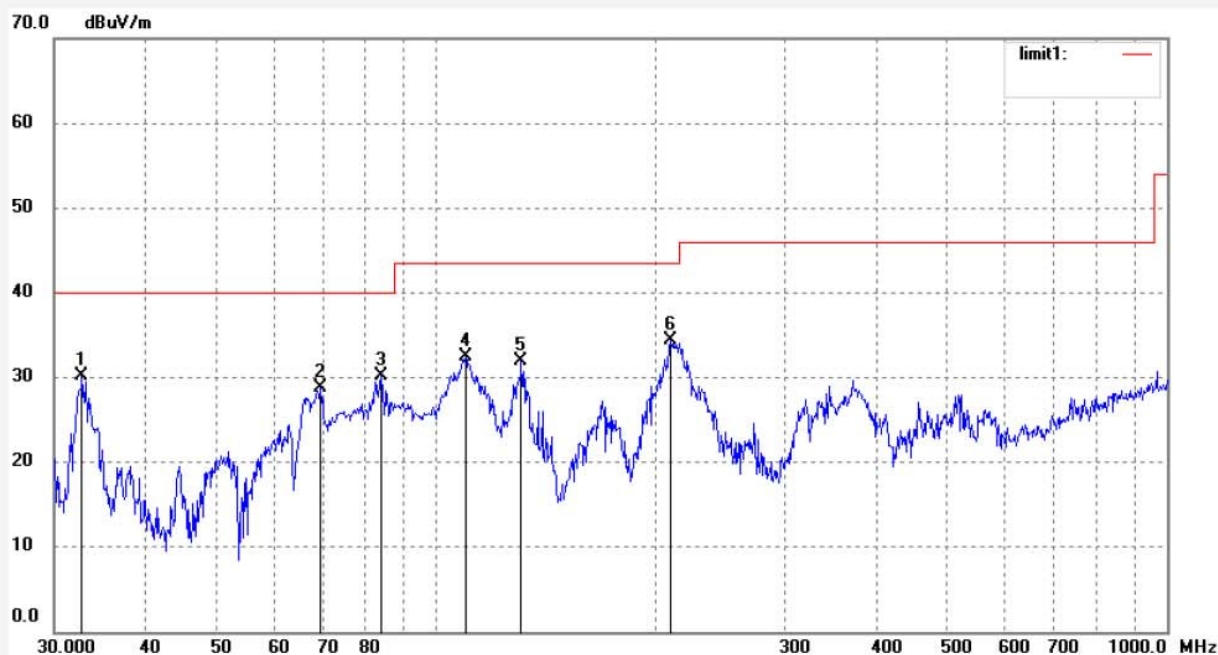
Date: 16/11/04/

Time: 9/12/57

Engineer Signature: Frank

Distance: 3m

Note: Report NO.:ATE20162231



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	32.7544	45.64	-15.39	30.25	40.00	-9.75	peak			
2	69.4734	50.83	-22.07	28.76	40.00	-11.24	peak			
3	83.9883	52.11	-21.98	30.13	40.00	-9.87	peak			
4	109.6957	54.34	-21.86	32.48	43.50	-11.02	peak			
5	130.7634	54.15	-22.15	32.00	43.50	-11.50	peak			
6	209.3924	52.81	-18.46	34.35	43.50	-9.15	peak			

Above 1GHz



ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Frank #3101

Standard: FCC PK

Test item: Radiation Test

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

EUT: REMOTE CONTROL

Mode: ON

Model: AC8

Manufacturer: CAREWELL

Polarization: Vertical

Power Source: AC 120V/60Hz

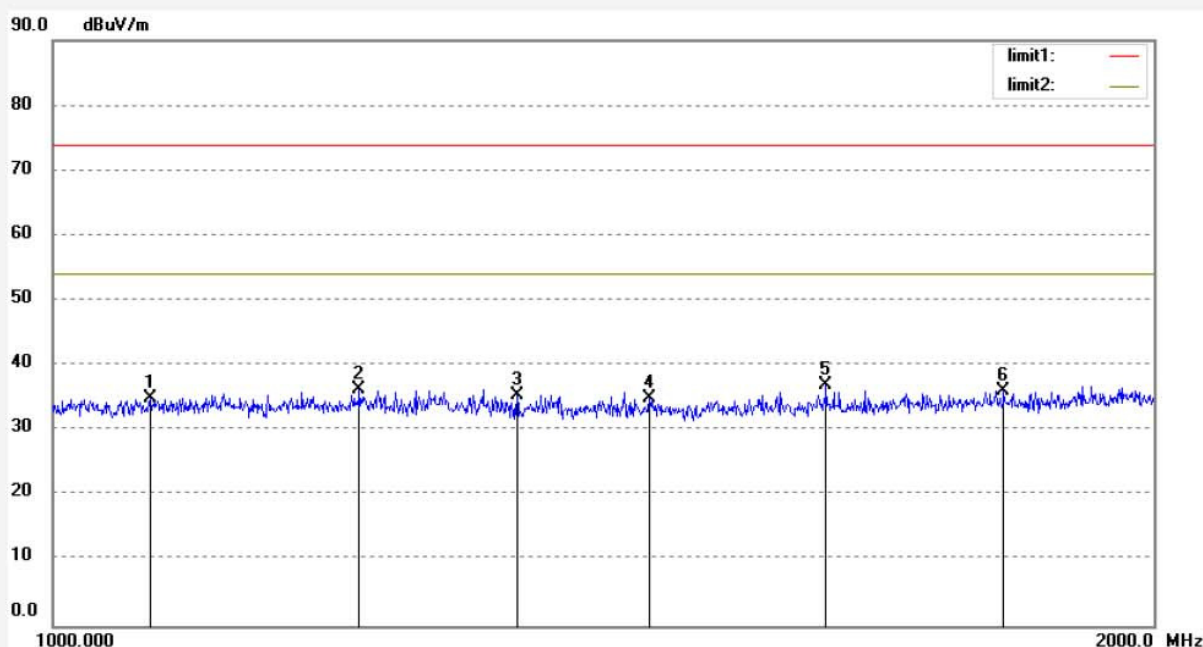
Date: 16/11/04/

Time: 9/14/44

Engineer Signature: Frank

Distance: 3m

Note: Report NO.:ATE20162231



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1063.764	42.57	-7.64	34.93	74.00	-39.07	peak			
2	1212.981	43.86	-7.54	36.32	74.00	-37.68	peak			
3	1339.638	42.95	-7.47	35.48	74.00	-38.52	peak			
4	1456.074	42.32	-7.40	34.92	74.00	-39.08	peak			
5	1627.215	43.94	-7.00	36.94	74.00	-37.06	peak			
6	1819.734	42.52	-6.42	36.10	74.00	-37.90	peak			



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Report No.: ATE20162231

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Frank #3102

Standard: FCC PK

Test item: Radiation Test

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

EUT: REMOTE CONTROL

Mode: ON

Model: AC8

Manufacturer: CAREWELL

Polarization: Horizontal

Power Source: AC 120V/60Hz

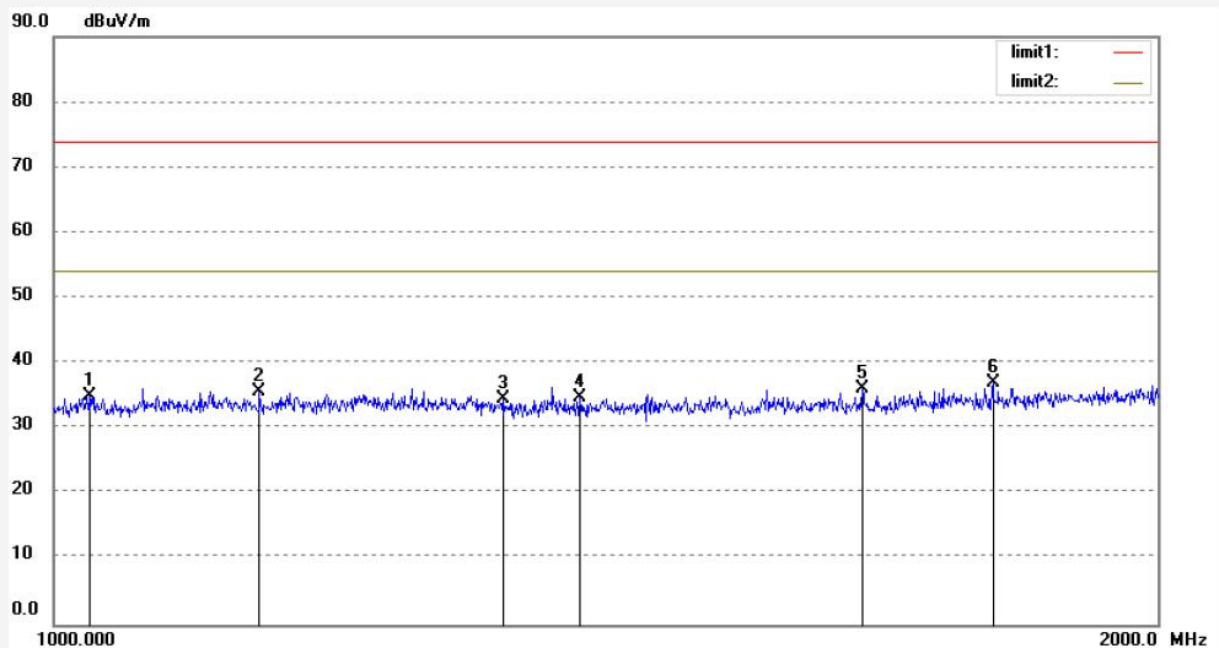
Date: 16/11/04/

Time: 9/15/31

Engineer Signature: Frank

Distance: 3m

Note: Report NO.:ATE20162231



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1022.474	42.74	-7.67	35.07	74.00	-38.93	peak			
2	1137.899	43.25	-7.59	35.66	74.00	-38.34	peak			
3	1326.676	41.99	-7.49	34.50	74.00	-39.50	peak			
4	1391.802	42.27	-7.45	34.82	74.00	-39.18	peak			
5	1661.475	43.01	-6.89	36.12	74.00	-37.88	peak			
6	1803.378	43.57	-6.47	37.10	74.00	-36.90	peak			