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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.

Address : F1, Bldg. A&D, Changyuan New Material Port, Keyuan

Rd., Science & Industry Park, Nanshan District, Shenzhen

518057, P.R. China

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Report No. : ATE20162231

Date of Test : November 1-4, 2016
Date of Report : November 5, 2016

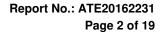




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Test Report Declaration

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 :	BobWarg
	(Bob Wang, Engineer)
Approved & Authorized Signer:	Lemb
	(Sean Liu, Manager)



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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



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2. GENERAL INFORMATION

2.1.Product of Device (EUT)

EUT : REMOTE CONTROL

Model Number : AC8

: AC 120V; 60Hz Power Supply

Modulation: : ASK

RX Frequency : 315MHz

Applicant : Carewell Electric Technology (Zhongshan) Co., Ltd. Torch Development Zone, No.2, Ouya Road, Zhongshan, Address

Guangdong, China

: November 1, 2016

: November 1-4, 2016

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

: 1/2F, 12 Building, Lianchuang Park, Bulan Road, Buji Town, Address

Longgang District, Shenzhen City, Guangdong Province, P.R.

China

Date of sample

received

Date of Test

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

 $\begin{tabular}{lll} Conducted emission expanded uncertainty & U=2.23dB, k=2\\ Power disturbance expanded uncertainty & U=2.92dB, k=2\\ \end{tabular}$

Radiated emission expanded uncertainty :

: U=3.08dB, k=2

(9kHz-30MHz)

Radiated emission expanded uncertainty

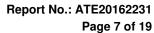
: U=4.42dB, k=2

(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

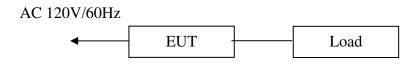
Kind of equipment	Manufacturer	Туре	S/N	Calibrated dates	Cal. Interval
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 09, 2016	One Year
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 09, 2016	One Year
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 09, 2016	One Year
Pre-Amplifier	Rohde&Schwarz	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

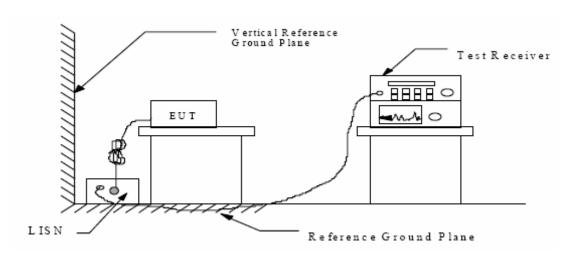
4.1. Block Diagram of Test Setup

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	Limit d	$B(\mu V)$
(MHz)	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.



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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 500hm 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: C	•										
MEASUREMENT I	RESULT:	"2231	-1_fin	"							
2016-11-1 17:46											
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE				
0.150000 0.264000 0.792000 0.898000 1.554000 1.972000	42.70 39.20 36.40 31.50 30.00 23.70	10.3 10.9 11.6 11.6 11.6	66 61 56 56 56 56	23.3 22.1 19.6 24.5 26.0 32.3	QP QP QP QP QP QP	L1 L1 L1 L1 L1	GND GND GND GND GND GND				
MEASUREMENT I	RESULT:	"2231	-1_fin	2"							
2016-11-1 17:4	6		_								
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE				
0.154000 0.190000 0.296000 0.764000 0.806000 0.904000	40.90 41.10 39.10 33.50 34.10 30.40	10.4 10.6 11.0 11.5 11.6	56 54 50 46 46	14.9 12.9 11.3 12.5 11.9	AV AV AV AV AV	L1 L1 L1 L1 L1 L1	GND GND GND GND GND GND				
MEASUREMENT	RESUL1	: "223	1-2_fi	n"							
2016-11-1 17 Frequency MHz			Limit dBµV	Margin dB	Detector	Line	PE				
0.150000 0.344000 0.798000 0.892000 2.135000 5.154500 20.607500	40.40 38.40 36.50 31.50 24.70 15.00	10.3 11.1 11.6 11.6 11.7 11.8 12.0	66 59 56 56 56 60	19.5	QP QP QP QP QP QP QP	N N N N N	GND GND GND GND GND GND GND				
MEASUREMENT	RESULI	:: "223:	1-2_fi	n2"							
2016-11-1 17						-					
Frequency MHz	Level dBµV		Limit dBµV	Margin dB	Detector	Line	PE				
0.296000 0.802000 0.904000 2.130500 5.132000 29.864000	39.00 34.60 30.80 23.30 14.00 17.60	11.0 11.6 11.6 11.7 11.8 12.0	50 46 46 46 50 50	11.4 11.4 15.2 22.7 36.0 32.4	AV AV AV AV AV	N N N N N	GND GND GND GND GND 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

REMOTE CONTROL M/N:AC8 EUT:

Manufacturer: CAREWELL

Operating Condition: ON

1#Shielding Room Test Site:

Operator: Frank

Test Specification: L 120V/60Hz

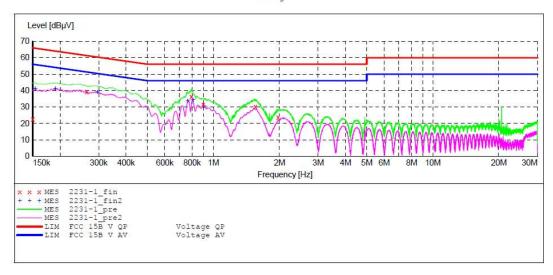
Report NO.:ATE20162231 Comment: Start of Test: 2016-11-1 / 17:44:18

SCAN TABLE: "V 150K-30MHz fin"
Short Description: SUB_STD_VTERM2 1.70

Step Detector Meas. Start Stop IF Transducer

Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kHz Time Bandw. 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average

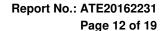


MEASUREMENT RESULT: "2231-1 fin"

2016-11-1 17	:46						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
MHz	dΒμV	dB	dΒμV	dB			
0.150000	42.70	10.3	66	23.3	OP	T.1	GND
			00		QP	7.7	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						
Fı	requency MHz	Level dBµV	Transd dB	Limit dBµV	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
(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

REMOTE CONTROL M/N:AC8

Manufacturer: CAREWELL

Operating Condition: ON

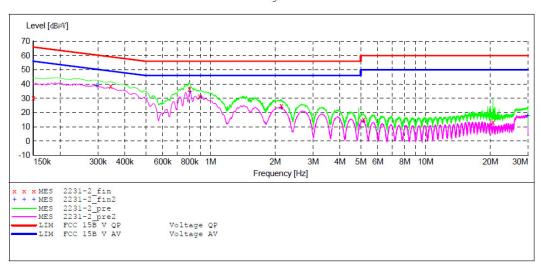
1#Shielding Room Test Site: Operator: Frank Test Specification: N 120V/60Hz

Report NO.:ATE20162231 2016-11-1 / 17:47:17 Comment: Start of Test:

SCAN TABLE: "V 150K-30MHz fin"
Short Description: __SUB_STD_VTERM2 1.70

Step Stop Detector Meas. IF Transducer Frequency Frequency Width 150.0 kHz 30.0 MHz 4.5 kHz Time Bandw. QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



MEASUREMENT RESULT: "2231-2 fin"

20	016-11-1 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"

2	016-11-1 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

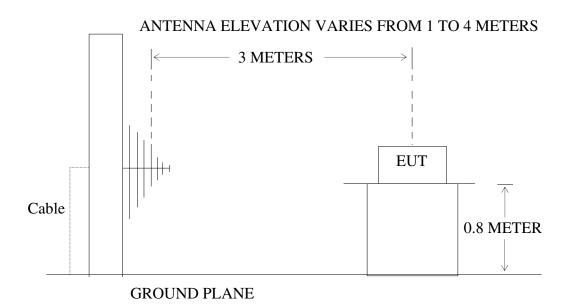
5.1.Block Diagram of Test Setup

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)



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5.2. The Emission Limit For Section 15.109 (a)

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

Frequency	Distance	Field Stren	gths Limit
MHz	Meters	μV/m	$dB(\mu V/m)$
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 dB (μ V) = 20 log Emission level μ 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

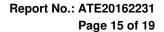
Manufacturer: Carewell Electric Technology (Zhongshan) Co., Ltd.

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									
	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	
Horizontal	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	
	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	
Vertical	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									
	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	
Horizontal	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	
	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	
M. at 1	2	1212.981	43.86	-7.54	36.32	74.00	-37.68	peak	
Vertical	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



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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

Note: Report NO.:ATE20162231

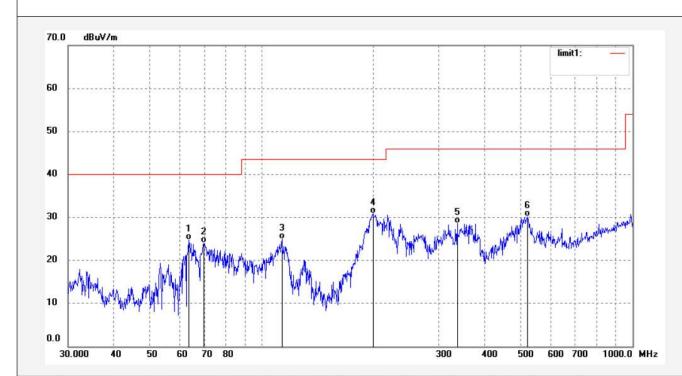
Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 16/11/04/ Time: 9/11/49

Engineer Signature: Frank

Distance: 3m



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			





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

Report No.: ATE20162231

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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

Note: Report NO.:ATE20162231

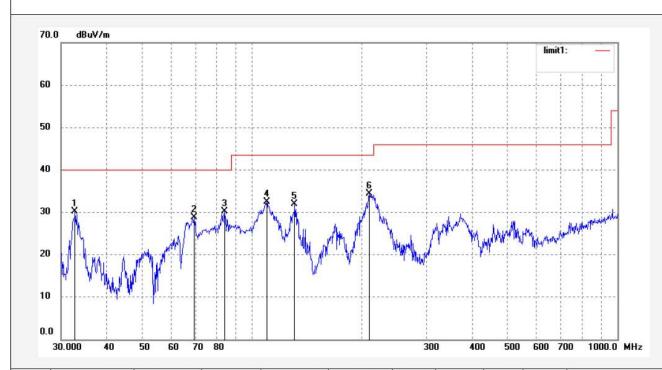
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/11/04/ Time: 9/12/57

Engineer Signature: Frank

Distance: 3m



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			



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Above 1GHz



ACCURATE TECHNOLOGY CO., LTD.

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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

Note: Report NO.:ATE20162231

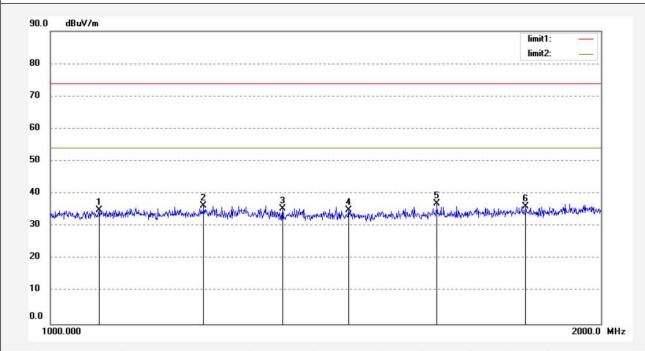
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/11/04/ Time: 9/14/44

Engineer Signature: Frank

Distance: 3m



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		39	





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Job No.: Frank #3102 Polarization: Horizontal Standard: FCC PK

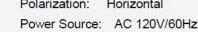
Test item: Radiation Test Date: 16/11/04/

Temp.(C)/Hum.(%) 25 C / 55 % Time: 9/15/31 EUT: REMOTE CONTROL

Mode: ON Model: AC8

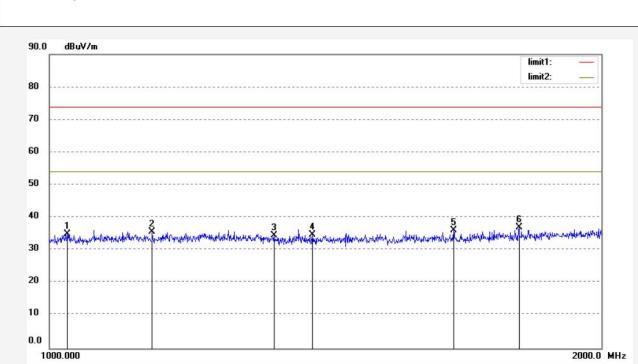
Manufacturer: CAREWELL

Note: Report NO.:ATE20162231



Distance: 3m

Engineer Signature: Frank



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			