

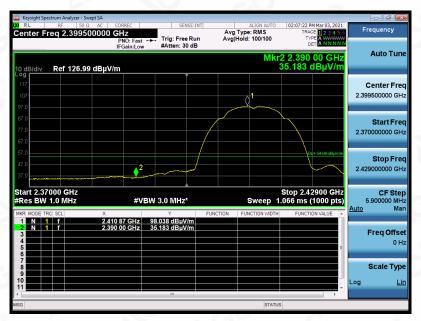


EUT	Smart Battery Camera	Model Name	CG6
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2412MHZ	Antenna	Vertical

PΚ



ΑV



**RESULT: PASS** 

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Attestation of Global Compliance(Shenzhen)Co., Ltd Attestation of Global Compliance(Shenzhen)Std & Tech Co., Ltd Tel: +86-755 2523 4088 E-mail: agc@agc-cert.com Web: http://cn.agc-cert.com/



EUT	Smart Battery Camera	Model Name	CG6
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2462MHZ	Antenna	Horizontal

PΚ

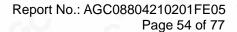


ΑV



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The test results the test report.

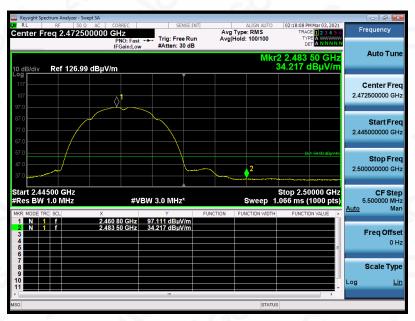


EUT	Smart Battery Camera	Model Name	CG6
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11b with data rate 1 2462MHZ	Antenna	Vertical

## PΚ

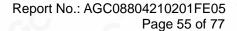


#### ΑV



**RESULT: PASS** 

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EUT	Smart Battery Camera	Model Name	CG6
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHZ	Antenna	Horizontal

PΚ



ΑV



**RESULT: PASS** 

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g/Inspection
The test results
the test report.

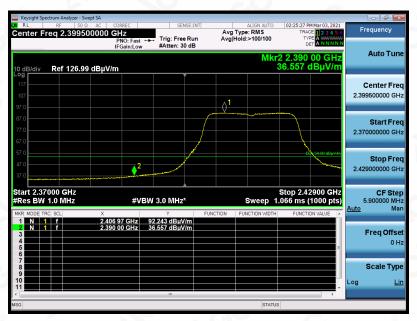


EUT	Smart Battery Camera	Model Name	CG6
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2412MHZ	Antenna	Vertical

PΚ

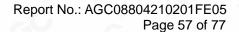


ΑV



**RESULT: PASS** 

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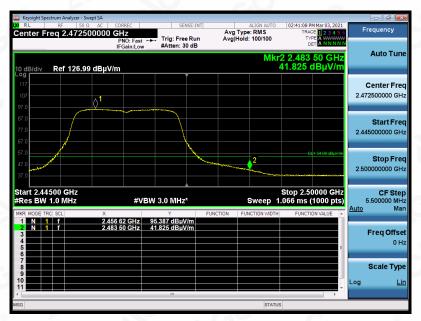


EUT	Smart Battery Camera	Model Name	CG6
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHZ	Antenna	Horizontal

PΚ



ΑV



**RESULT: PASS** 

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g/Inspection
The test results
the test report.

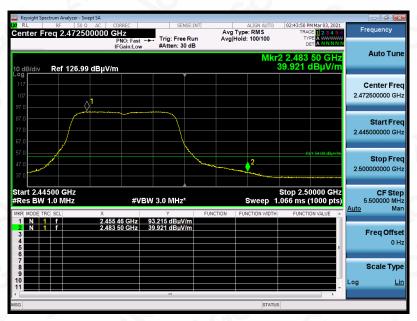


EUT	Smart Battery Camera	Model Name	CG6
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11g with data rate 6 2462MHZ	Antenna	Vertical

PΚ



ΑV



**RESULT: PASS** 

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g/Inspection
The test results
the test report.



EUT	Smart Battery Camera	Model Name	CG6
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2412MHZ	Antenna	Horizontal

PΚ



ΑV



**RESULT: PASS** 

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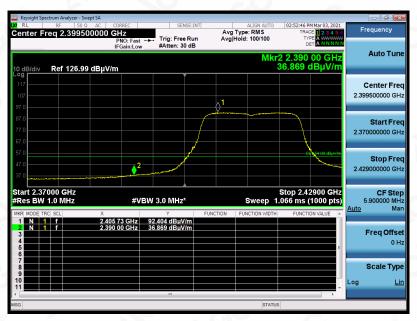


EUT	Smart Battery Camera	Model Name	CG6
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2412MHZ	Antenna	Vertical

PΚ



ΑV



**RESULT: PASS** 

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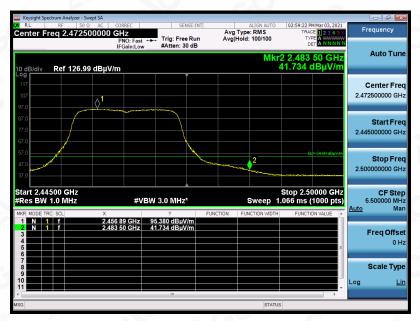


EUT	Smart Battery Camera	Model Name	CG6
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2462MHZ	Antenna	Horizontal

PΚ



ΑV



**RESULT: PASS** 

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EUT	Smart Battery Camera	Model Name	CG6
Temperature	21.8°C	Relative Humidity	58%
Pressure	960hPa	Test Voltage	Normal Voltage
Test Mode	802.11n 20 with data rate 6.5 2462MHZ	Antenna	Vertical

PΚ

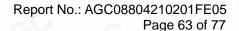


ΑV



**RESULT: PASS** 

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# 13. FCC LINE CONDUCTED EMISSION TEST

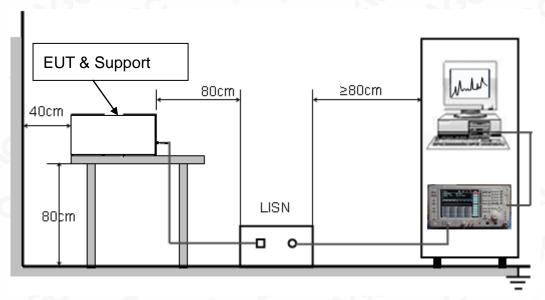
## 13.1. LIMITS OF LINE CONDUCTED EMISSION TEST

<b>-</b>	Maximum RF Line Voltage	
Frequency	Q.P.( dBuV)	Average( dBuV)
150kHz~500kHz	66-56	56-46
500kHz~5MHz	56	46
5MHz~30MHz	60	50

## Note:

- 1. The lower limit shall apply at the transition frequency.
- 2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

# 13.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



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Report No.: AGC08804210201FE05 Page 64 of 77

#### 13.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

- 1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
- 2. Support equipment, if needed, was placed as per ANSI C63.10.
- 3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
- 4. All support equipments received AC120V/60Hz power from a LISN, if any.
- 5. The EUT received DC 5V power from adapter which received AC120V/60Hz power from a LISN.
- 6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
- 7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- 8. During the above scans, the emissions were maximized by cable manipulation.
- 9. The test mode(s) were scanned during the preliminary test.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

## 13.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

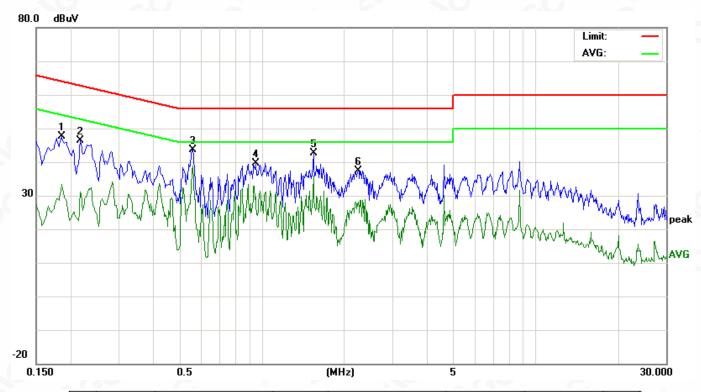
- 1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
- 2. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less –2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
- 3. The test data of the worst case condition(s) was reported on the Summary Data page.

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#### 13.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

#### Line Conducted Emission Test Line 1-L

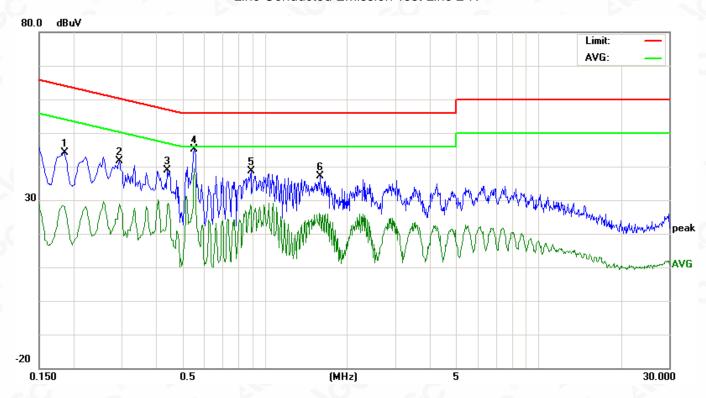


No.	Freq. (MHz)	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F
		Peak	QP	AVG	dB	Peak	QP	AVG	QP	AVG	QP	AVG	
1	0.1860	34.89	31.67	17.22	12.84	47.73	44.51	30.06	64.21	54.21	-19.70	-24.15	Р
2	0.2180	33.41	26.17	12.95	12.90	46.31	39.07	25.85	62.89	52.89	-23.82	-27.04	Р
3	0.5620	29.79	28.55	24.42	13.79	43.58	42.34	38.21	56.00	46.00	-13.66	-7.79	Р
4	0.9540	25.84	18.48	10.42	13.82	39.66	32.30	24.24	56.00	46.00	-23.70	-21.76	Р
5	1.5460	28.99	22.87	17.23	13.74	42.73	36.61	30.97	56.00	46.00	-19.39	-15.03	Р
6	2.2500	23.88	21.41	14.77	13.59	37.47	35.00	28.36	56.00	46.00	-21.00	-17.64	Р

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## Line Conducted Emission Test Line 2-N



No.	Freq. (MHz)	Reading_Level (dBuV)			Correct Factor	Measurement (dBuV)			Limit (dBuV)		Margin (dB)		P/F
		Peak	QP	AVG	dB	Peak	QP	AVG	QP	AVG	QP	AVG	
1	0.1860	31.41	28.82	13.17	12.84	44.25	41.66	26.01	64.21	54.21	-22.55	-28.20	Р
2	0.2940	28.65	25.78	14.20	12.99	41.64	38.77	27.19	60.41	50.41	-21.64	-23.22	Р
3	0.4420	25.15	21.83	14.08	13.61	38.76	35.44	27.69	57.02	47.02	-21.58	-19.33	Р
4	0.5540	31.31	29.92	25.77	13.78	45.09	43.70	39.55	56.00	46.00	-12.30	-6.45	Р
5	0.8900	24.75	20.59	12.75	13.83	38.58	34.42	26.58	56.00	46.00	-21.58	-19.42	Р
6	1.5940	23.38	16.68	10.56	13.73	37.11	30.41	24.29	56.00	46.00	-25.59	-21.71	Р

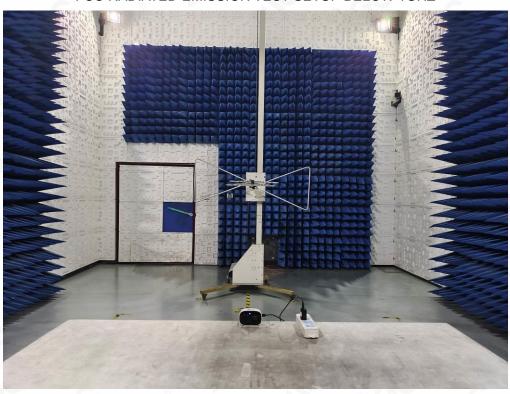
**RESULT: PASS** 

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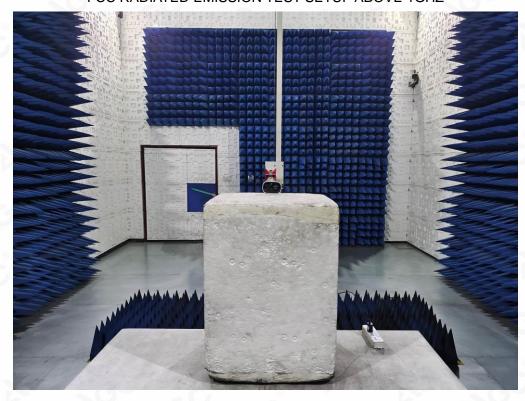


# **APPENDIX A: PHOTOGRAPHS OF TEST SETUP**

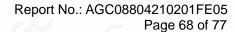
FCC RADIATED EMISSION TEST SETUP BELOW 1GHZ



FCC RADIATED EMISSION TEST SETUP ABOVE 1GHZ



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# CONDUCTED EMISSION TEST SETUP



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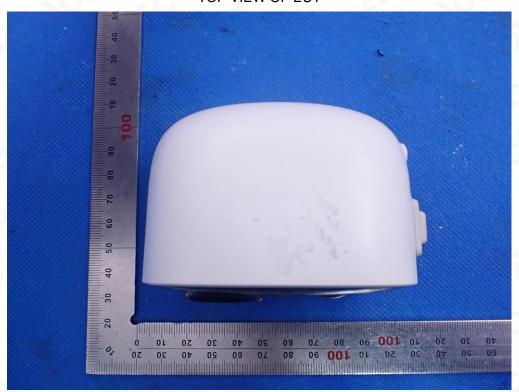


# **APPENDIX B: PHOTOGRAPHS OF EUT**

ALL VIEW OF EUT



TOP VIEW OF EUT



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# **BOTTOM VIEW OF EUT**



FRONT VIEW OF EUT



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# **BACK VIEW OF EUT**



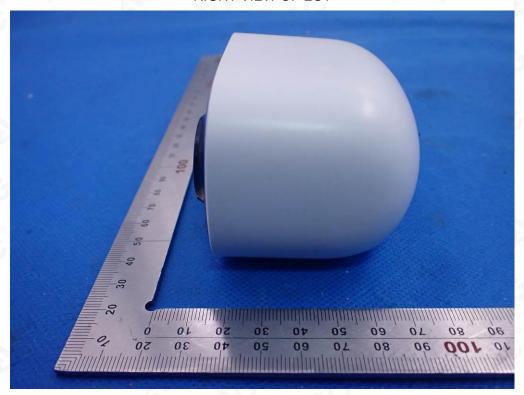
LEFT VIEW OF EUT



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the stadiedard restriction Stamp" is deemed to be invalid. Copying or excerpting portion of, or altering the content of the report is not permitted without the written appropriation of AGC within 15day after the issuance of the test report. Further enquiry of validity or verification of the test report should be addressed to AGC by agc@agc-cert.com.



# **RIGHT VIEW OF EUT**



VIEW OF EUT (PORT)



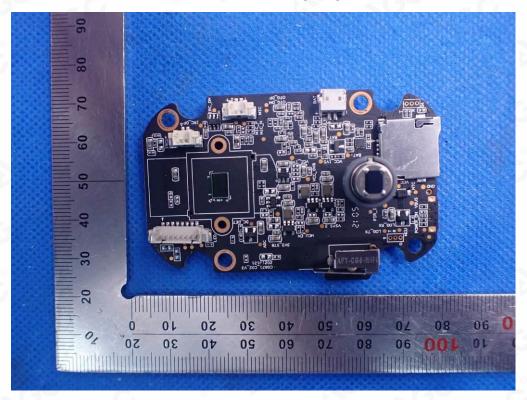
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#### **OPEN VIEW OF EUT**



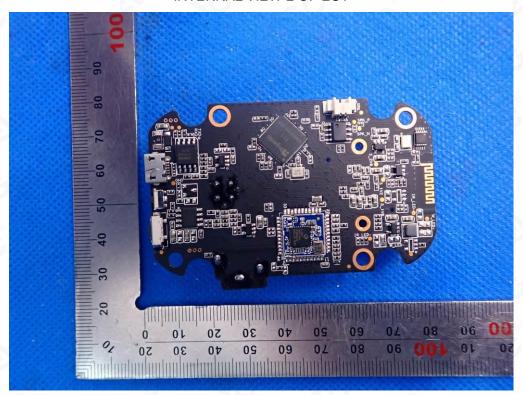
**INTERNAL VIEW-1 OF EUT** 



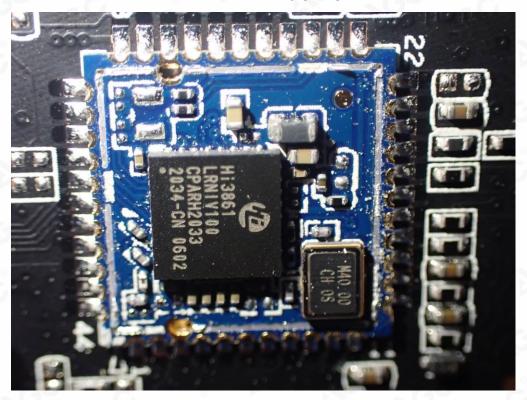
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#### **INTERNAL VIEW-2 OF EUT**



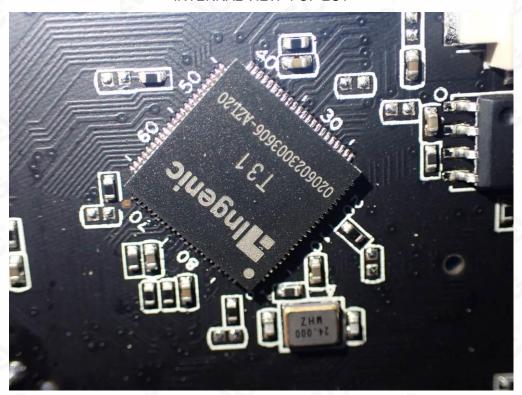
**INTERNAL VIEW-3 OF EUT** 



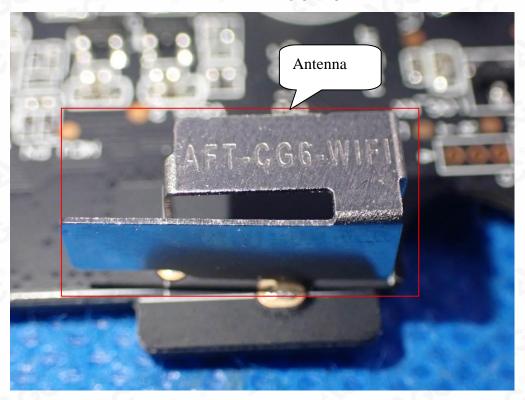
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## **INTERNAL VIEW-4 OF EUT**



**INTERNAL VIEW-5 OF EUT** 



Any report having not been signed by authorized approver, or having been altered without authorization, or having not been stamped by the Bedicated Residual Residual