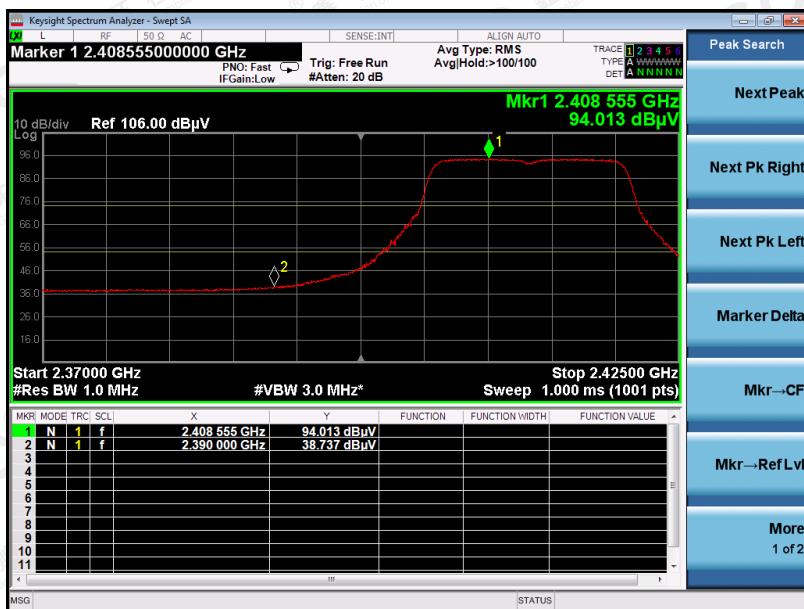


<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11g with data rate 6 2412MHz	<b>Antenna</b>	Horizontal

PK



AV



## RESULT: PASS

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<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11g with data rate 6 2412MHz	<b>Antenna</b>	Vertical

PK



AV



## RESULT: PASS

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<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11g with data rate 6 2462MHz	<b>Antenna</b>	Horizontal

PK



AV



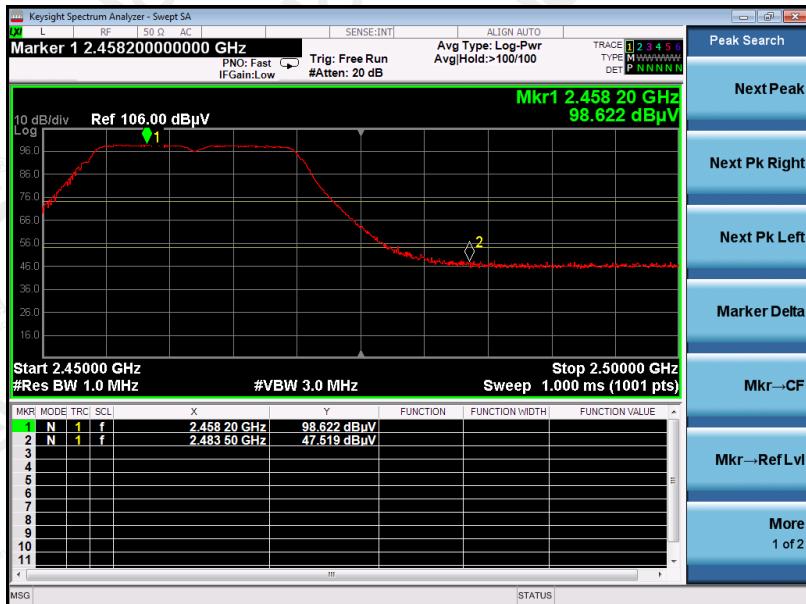
## RESULT: PASS

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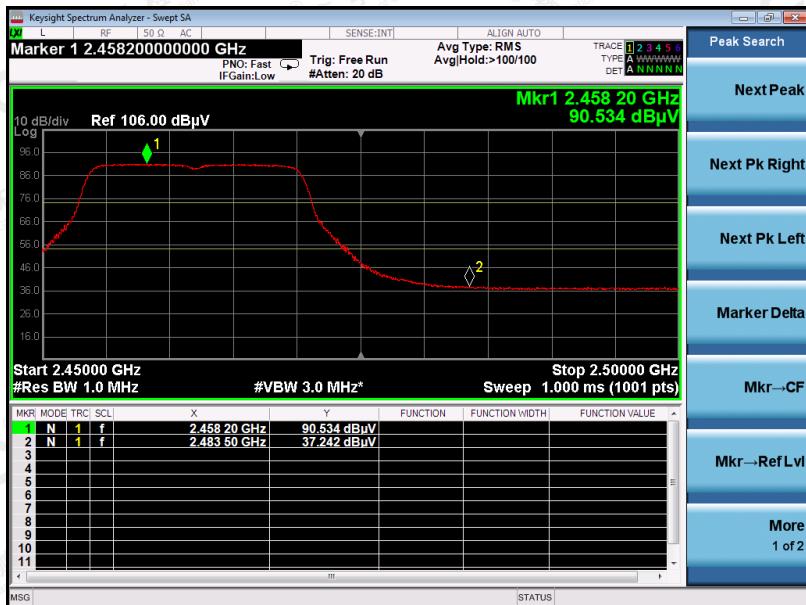


<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11g with data rate 6 2462MHz	<b>Antenna</b>	Vertical

PK



AV



**RESULT: PASS**

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<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11n 20 with data rate 6.5 2412MHZ	<b>Antenna</b>	Horizontal

PK



AV



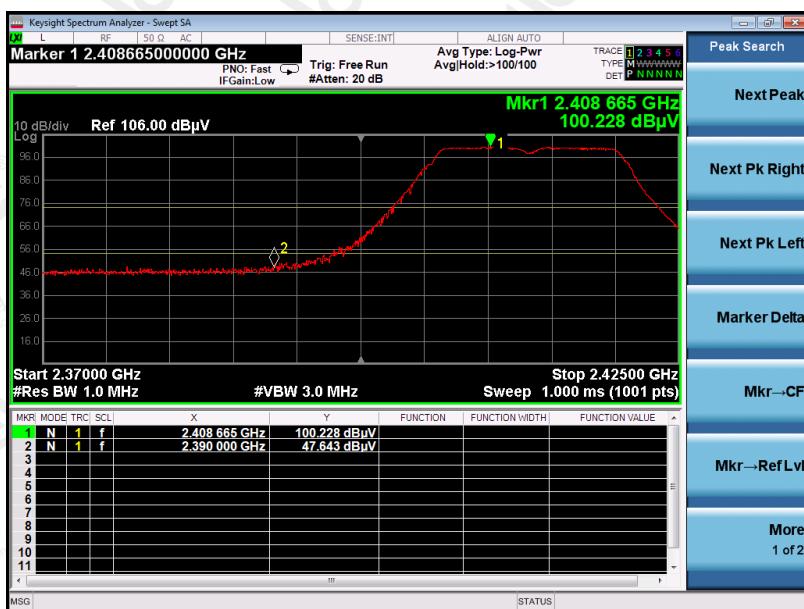
## RESULT: PASS

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<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11n 20 with data rate 6.5 2412MHZ	<b>Antenna</b>	Vertical

PK



AV



## RESULT: PASS

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<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11n 20 with data rate 6.5 2462MHZ	<b>Antenna</b>	Horizontal

PK



AV



## RESULT: PASS

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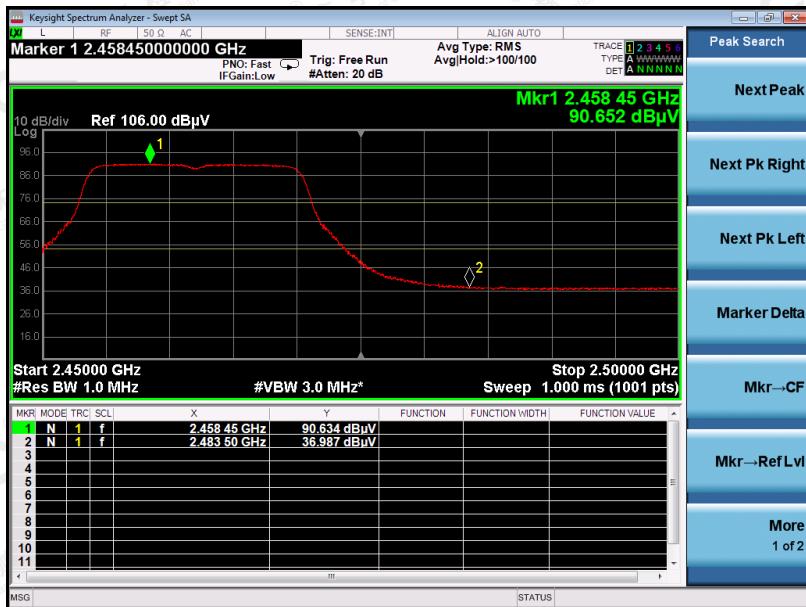


<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11n 20 with data rate 6.5 2462MHZ	<b>Antenna</b>	Vertical

PK



AV



**RESULT: PASS**

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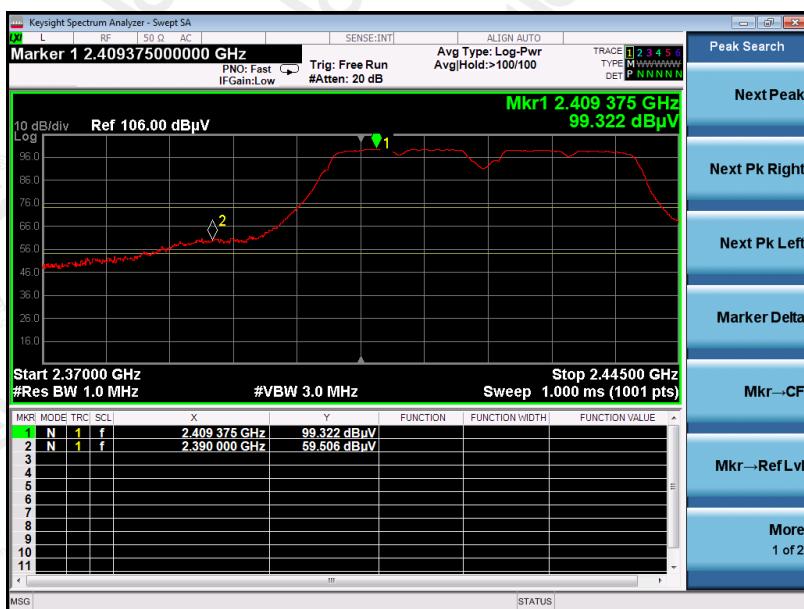


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Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China

<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11n 40 with data rate 13.5 2422MHz	<b>Antenna</b>	Horizontal

PK



AV



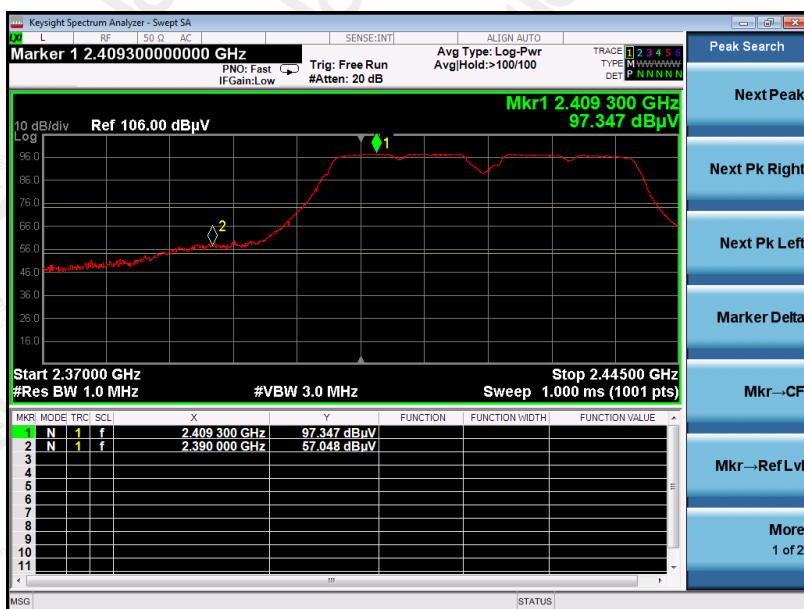
## RESULT: PASS

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<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11n 40 with data rate 13.5 2422MHz	<b>Antenna</b>	Vertical

PK



AV



## RESULT: PASS

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<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11n 40with data rate 13.5 2452MHZ	<b>Antenna</b>	Horizontal

PK



AV



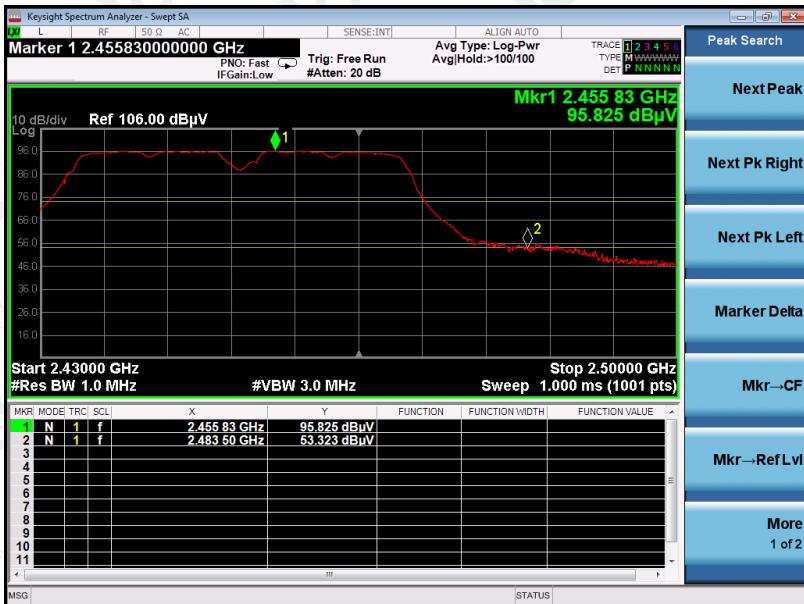
## RESULT: PASS

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<b>EUT</b>	Four-Channel Wireless Digital Surveillance System	<b>Model Name</b>	GD7006
<b>Temperature</b>	25°C	<b>Relative Humidity</b>	55.4%
<b>Pressure</b>	960hPa	<b>Test Voltage</b>	Normal Voltage
<b>Test Mode</b>	802.11n 40 with data rate 13.5 2452MHZ	<b>Antenna</b>	Vertical

PK



AV



**RESULT: PASS**

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## 13. FCC LINE CONDUCTED EMISSION TEST

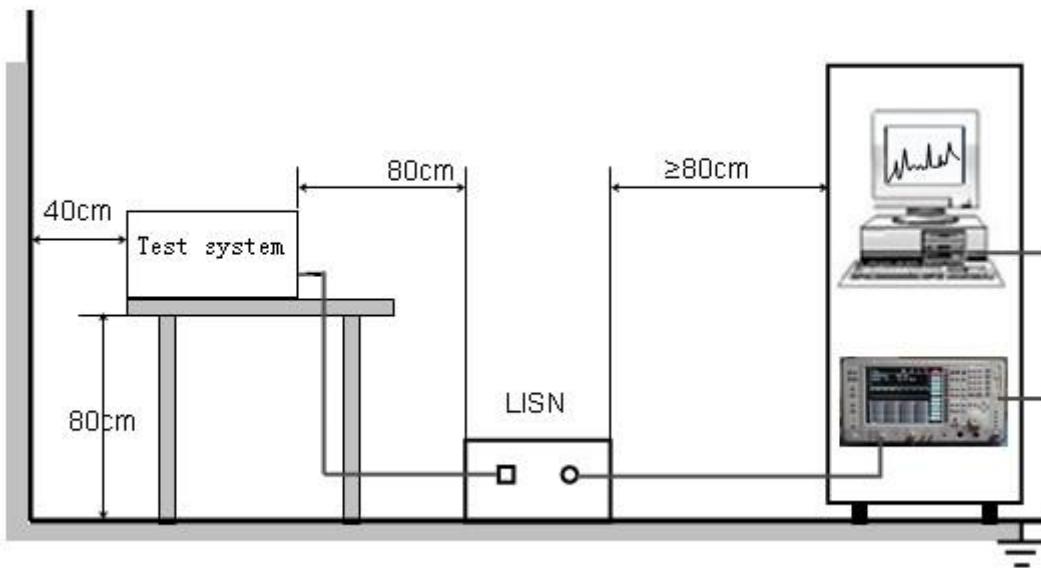
### 13.1. LIMITS OF LINE CONDUCTED EMISSION TEST

Frequency	Maximum RF Line Voltage	
	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 0.50MHz.

### 13.2. BLOCK DIAGRAM OF TEST SETUP



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### 13.3. PROCEDURE OF LINE CONDUCTED EMISSION TEST

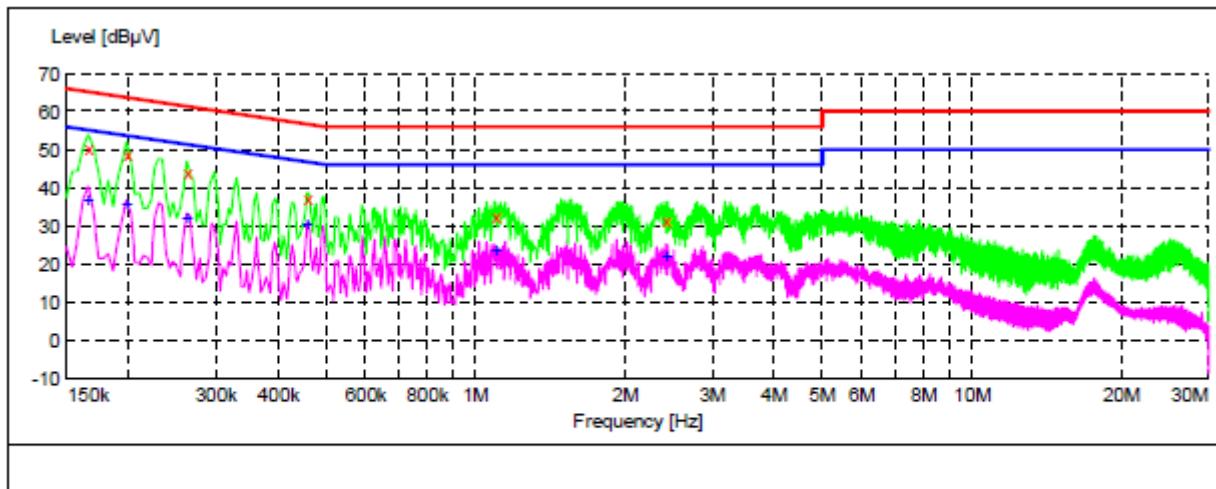
- (1) The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the 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) The EUT received DC 5V power from adapter which received AC120V/60Hz power from a LISN.
- (5) The EUT 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.
- (6) Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
- (7) During the above scans, the emissions were maximized by cable manipulation.
- (8) A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions.
- (9) 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.

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

#### LINE CONDUCTED EMISSION TEST-L1



#### MEASUREMENT RESULT: "TEST\_fin"

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.166000	50.70	10.3	65	14.5	QP	L1	FLO
0.198000	49.00	10.3	64	14.7	QP	L1	FLO
0.262000	44.20	10.2	61	17.2	QP	L1	FLO
0.458000	37.10	10.3	57	19.6	QP	L1	FLO
1.098000	32.80	10.4	56	23.2	QP	L1	FLO
2.414000	31.70	10.4	56	24.3	QP	L1	FLO

#### MEASUREMENT RESULT: "TEST\_fin2"

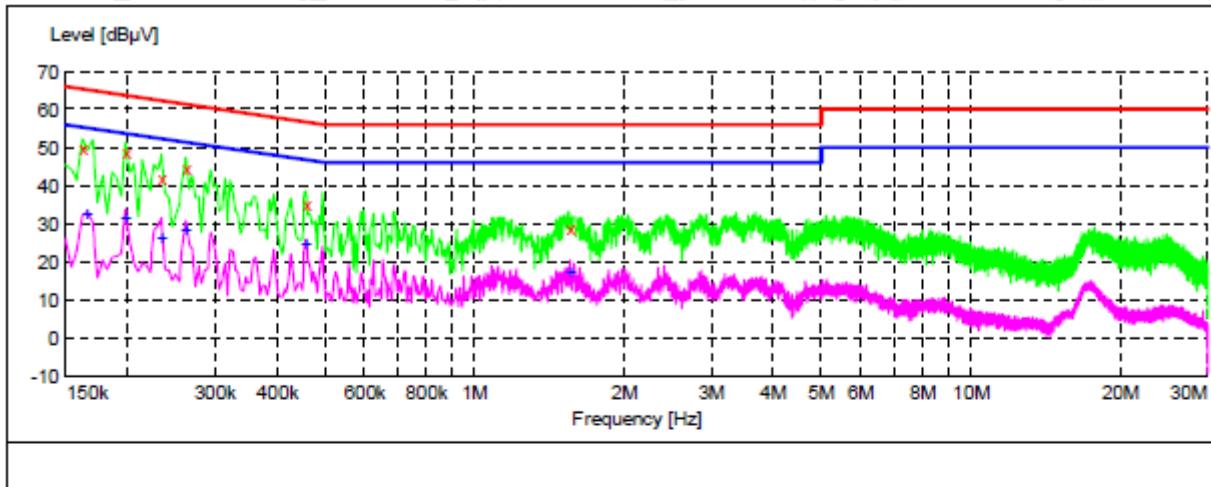
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.166000	37.00	10.3	55	18.2	AV	L1	FLO
0.198000	35.60	10.3	54	18.1	AV	L1	FLO
0.262000	31.80	10.2	51	19.6	AV	L1	FLO
0.458000	30.40	10.3	47	16.3	AV	L1	FLO
1.098000	23.40	10.4	46	22.6	AV	L1	FLO
2.414000	21.80	10.4	46	24.2	AV	L1	FLO

**RESULT: PASS**

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### LINE CONDUCTED EMISSION TEST-N



#### MEASUREMENT RESULT: "TEST\_fin"

Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.162000	49.90	10.3	65	15.5	QP	N	FLO
0.198000	48.50	10.3	64	15.2	QP	N	FLO
0.234000	42.30	10.3	62	20.0	QP	N	FLO
0.262000	44.50	10.2	61	16.9	QP	N	FLO
0.458000	35.30	10.3	57	21.4	QP	N	FLO
1.558000	28.80	10.4	56	27.2	QP	N	FLO

#### MEASUREMENT RESULT: "TEST\_fin2"

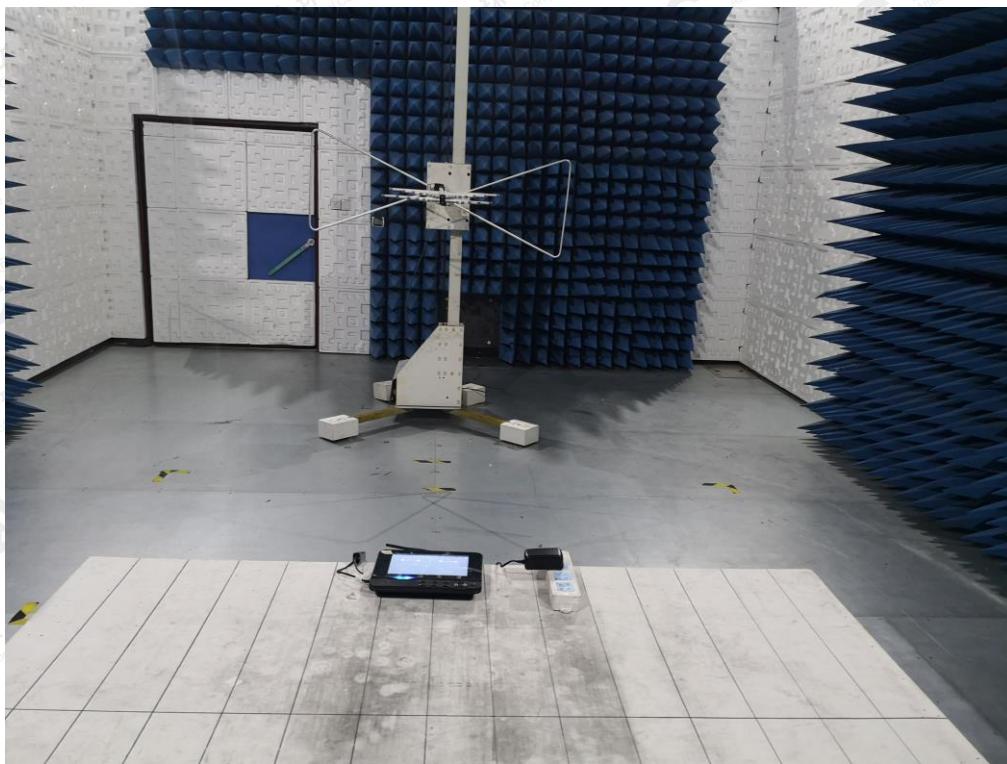
Frequency MHz	Level dB $\mu$ V	Transd dB	Limit dB $\mu$ V	Margin dB	Detector	Line	PE
0.166000	32.60	10.3	55	22.6	AV	N	FLO
0.198000	31.30	10.3	54	22.4	AV	N	FLO
0.234000	26.20	10.3	52	26.1	AV	N	FLO
0.262000	28.30	10.2	51	23.1	AV	N	FLO
0.458000	24.90	10.3	47	21.8	AV	N	FLO
1.558000	17.50	10.4	46	28.5	AV	N	FLO

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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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## FCC CONDUCTED EMISSION TEST SETUP



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Add: 2/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China

**APPENDIX B: PHOTOGRAPHS OF EUT****ALL VIEW OF EUT****TOP VIEW OF EUT**

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## BOTTOM VIEW OF EUT



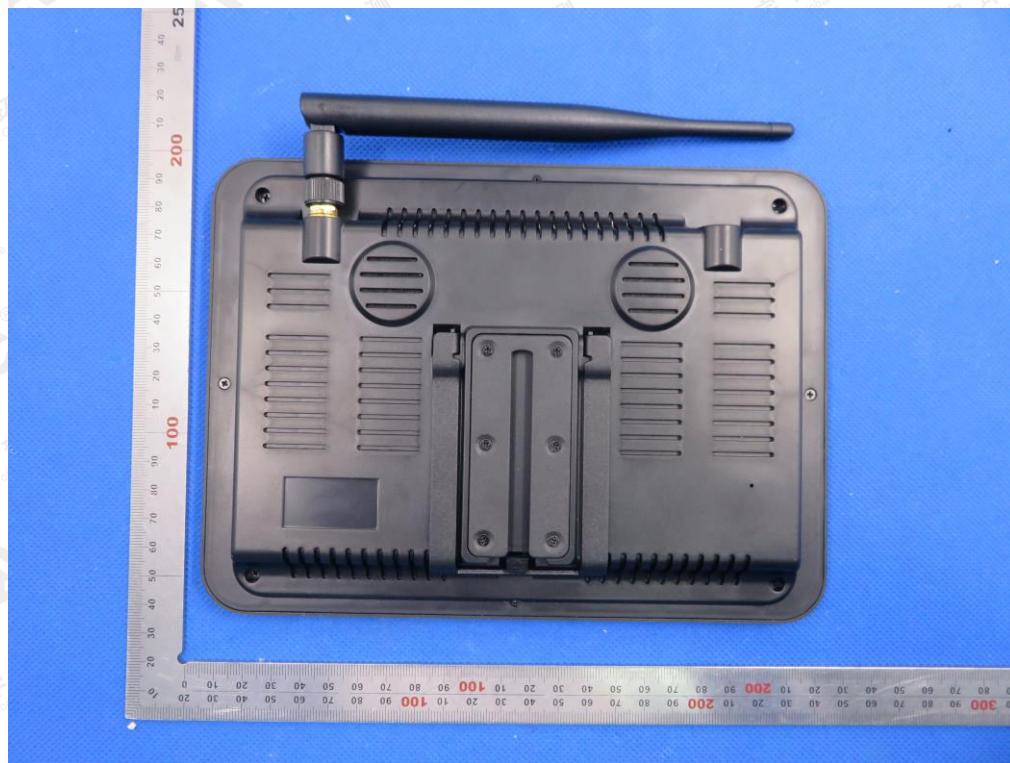
## FRONT VIEW OF EUT



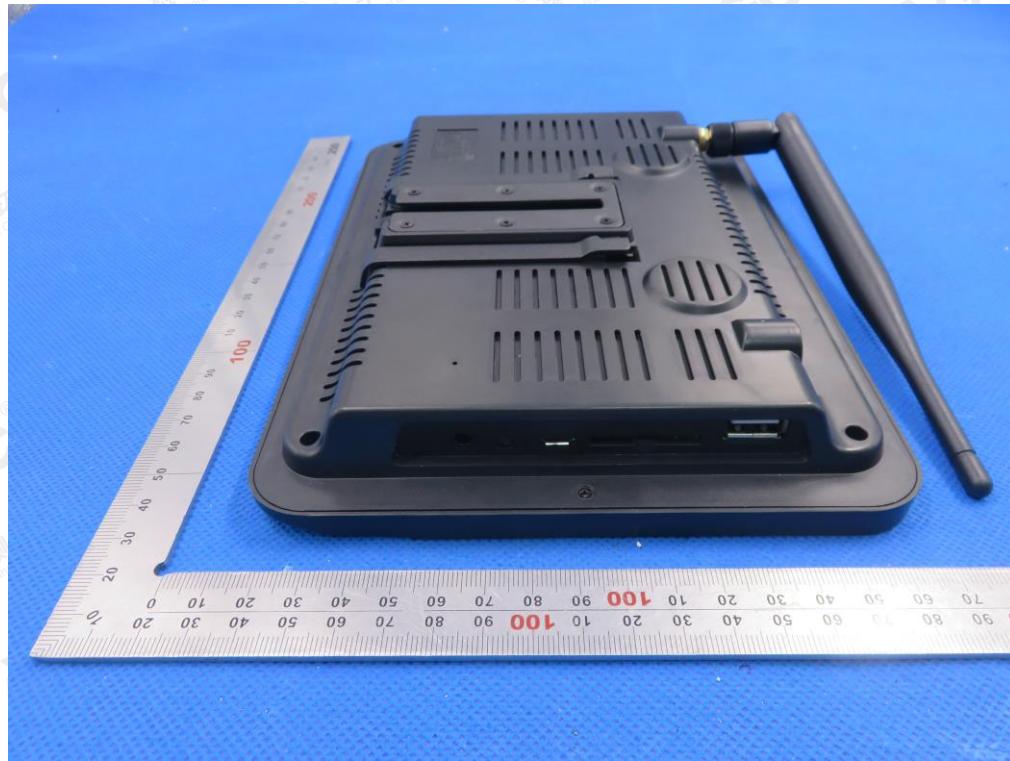
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BACK VIEW OF EUT



LEFT VIEW OF EUT



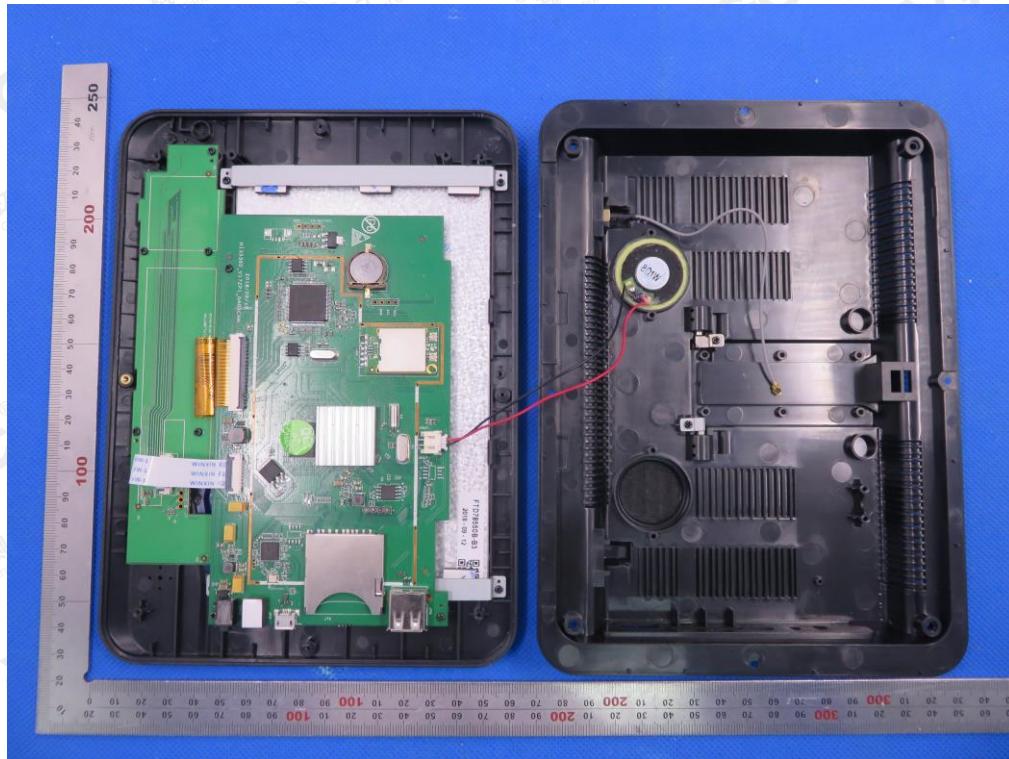
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## RIGHT VIEW OF EUT



## OPEN VIEW OF EUT-1



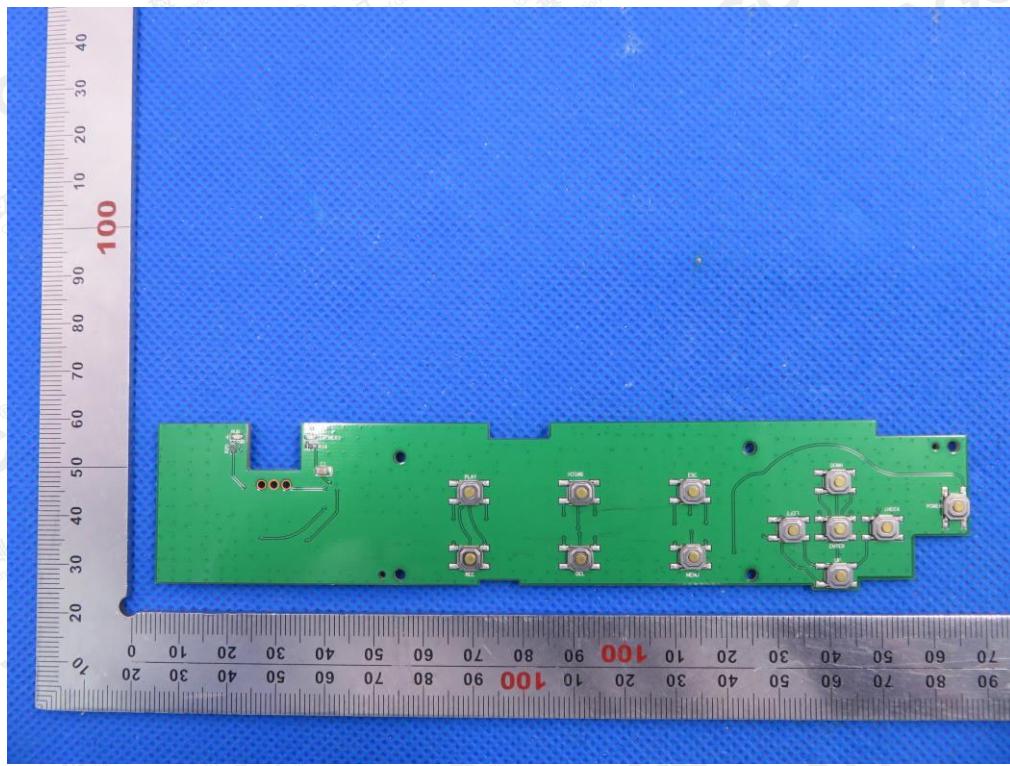
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



## OPEN VIEW OF EUT-2



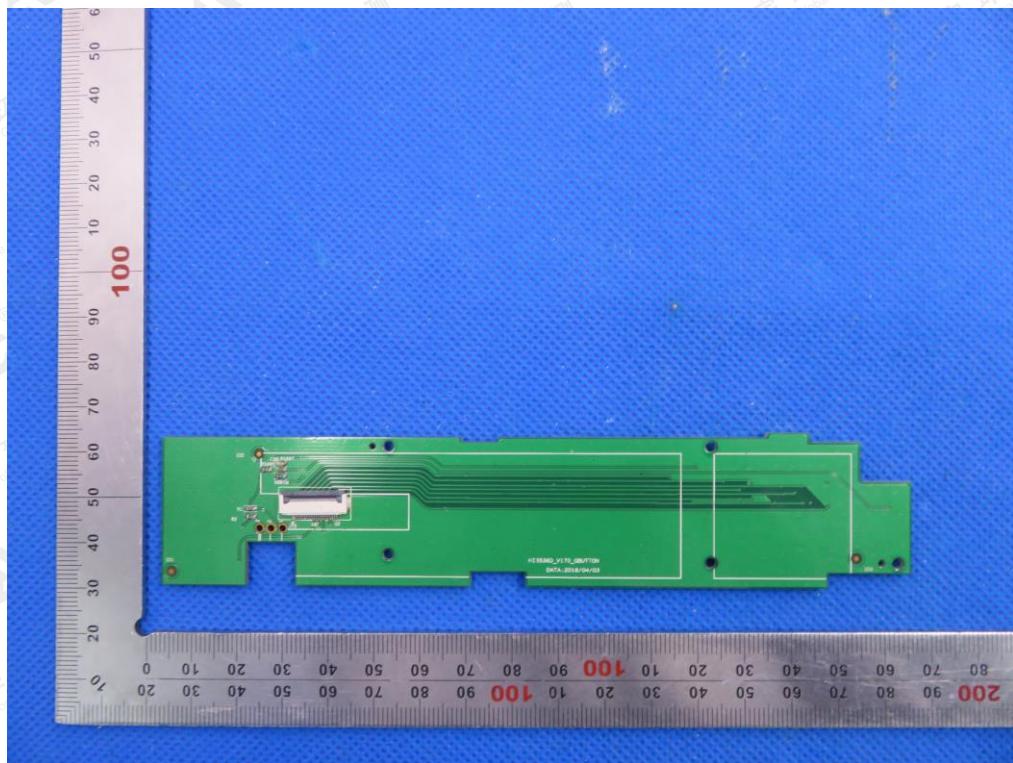
INTERNAL VIEW OF EUT-1



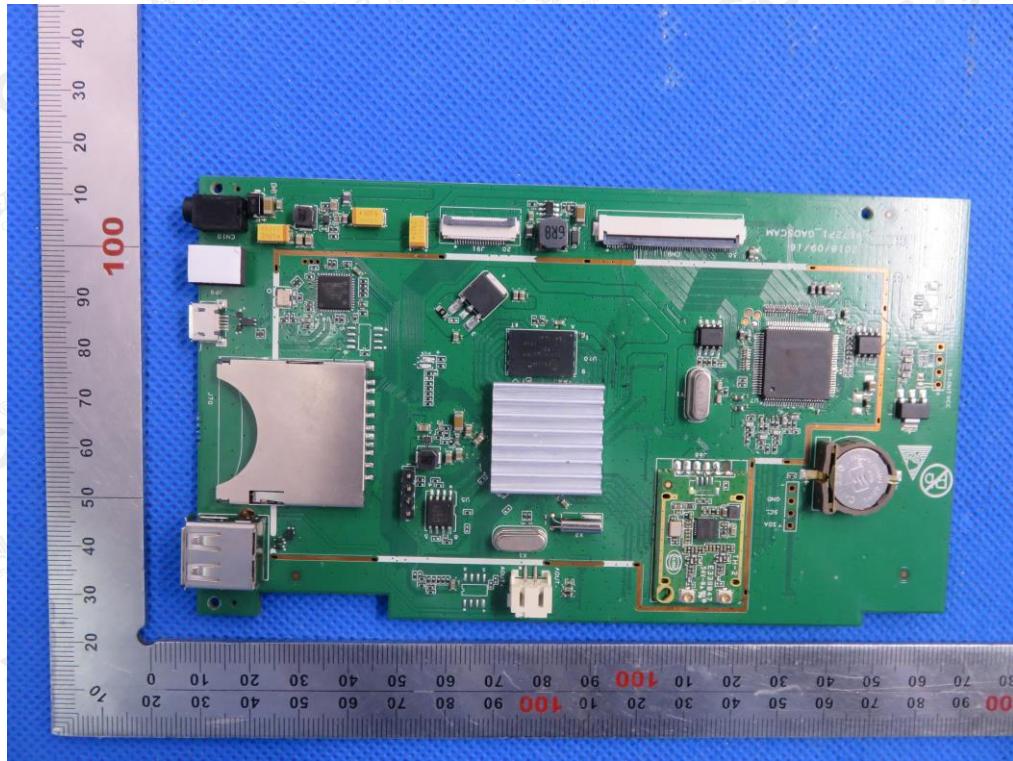
The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



## INTERNAL VIEW OF EUT-2



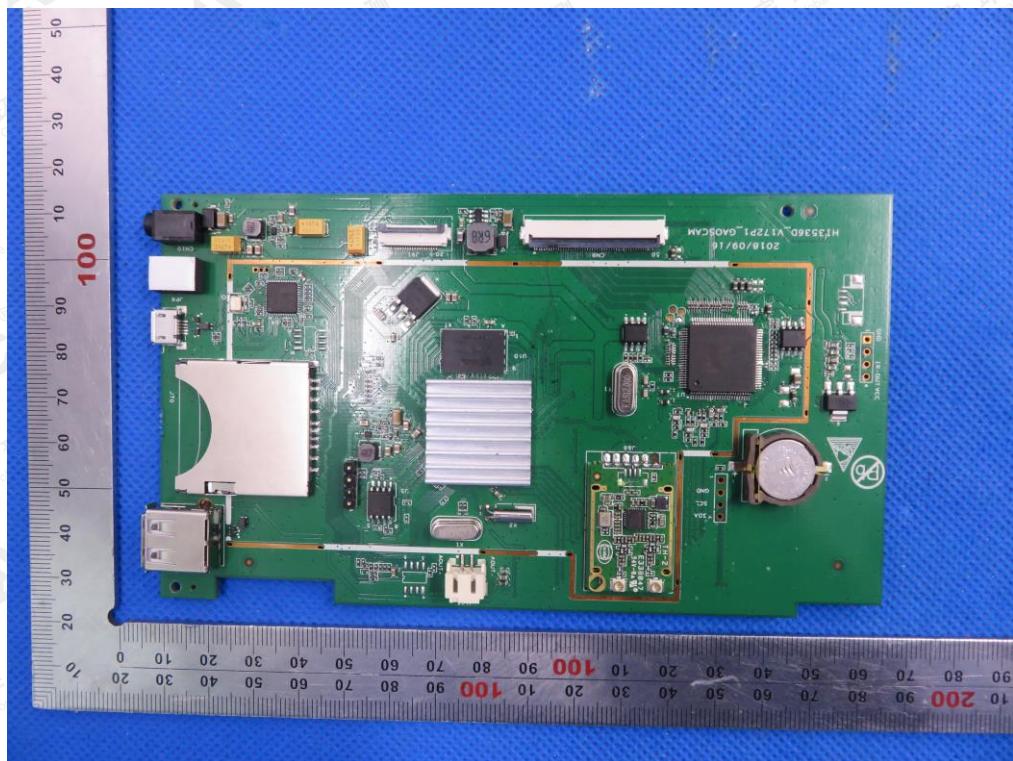
## INTERNAL VIEW OF EUT-3



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## INTERNAL VIEW OF EUT-4



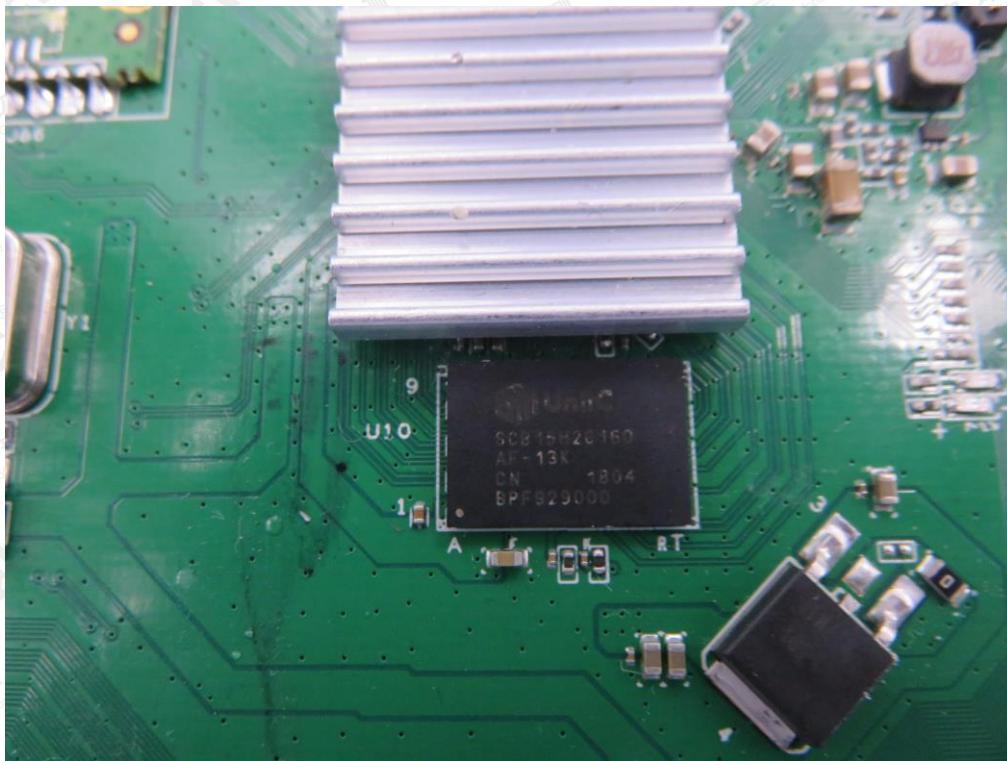
## INTERNAL VIEW OF EUT-5



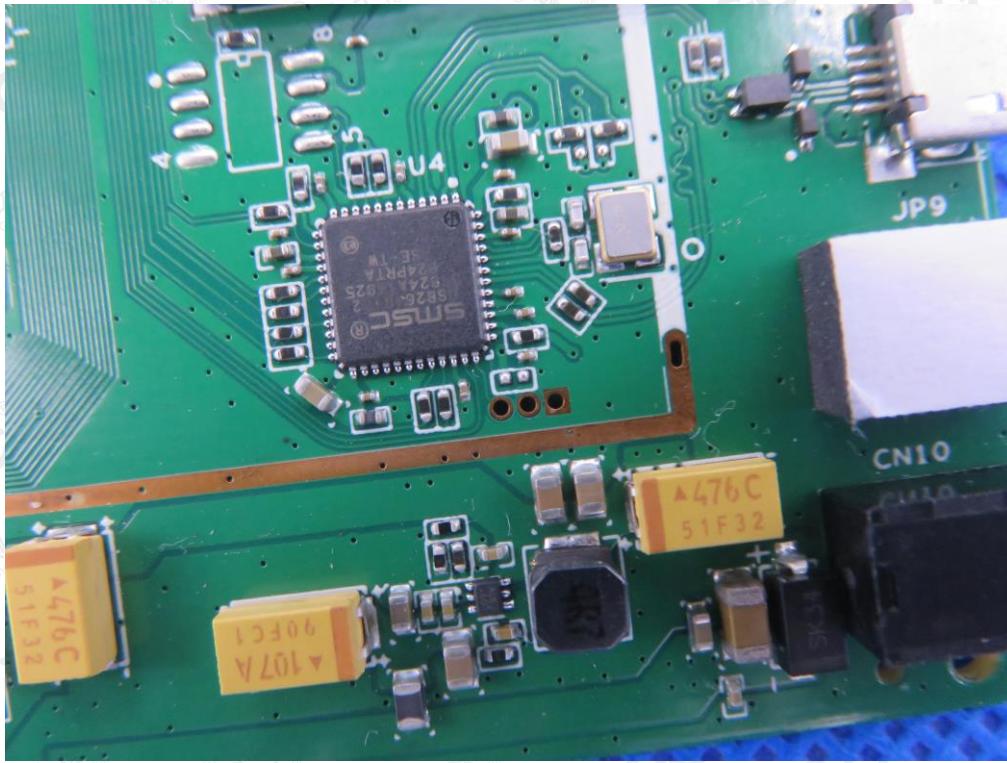
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## INTERNAL VIEW OF EUT-6



## INTERNAL VIEW OF EUT-7



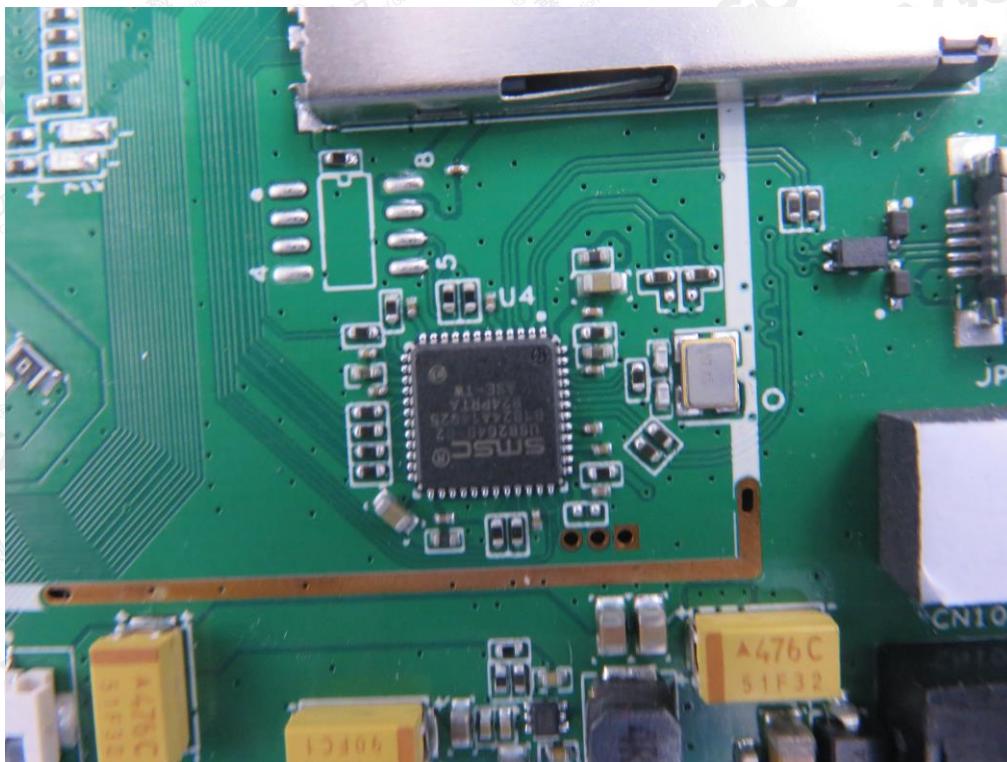
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## INTERNAL VIEW OF EUT-8



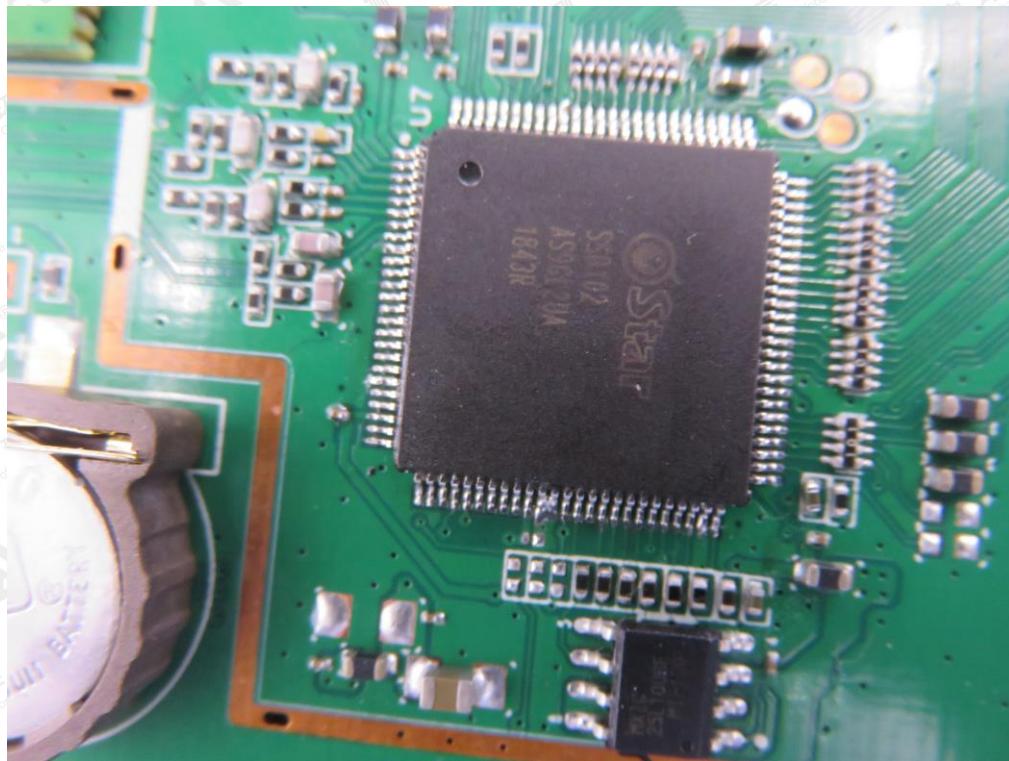
## INTERNAL VIEW OF EUT-9



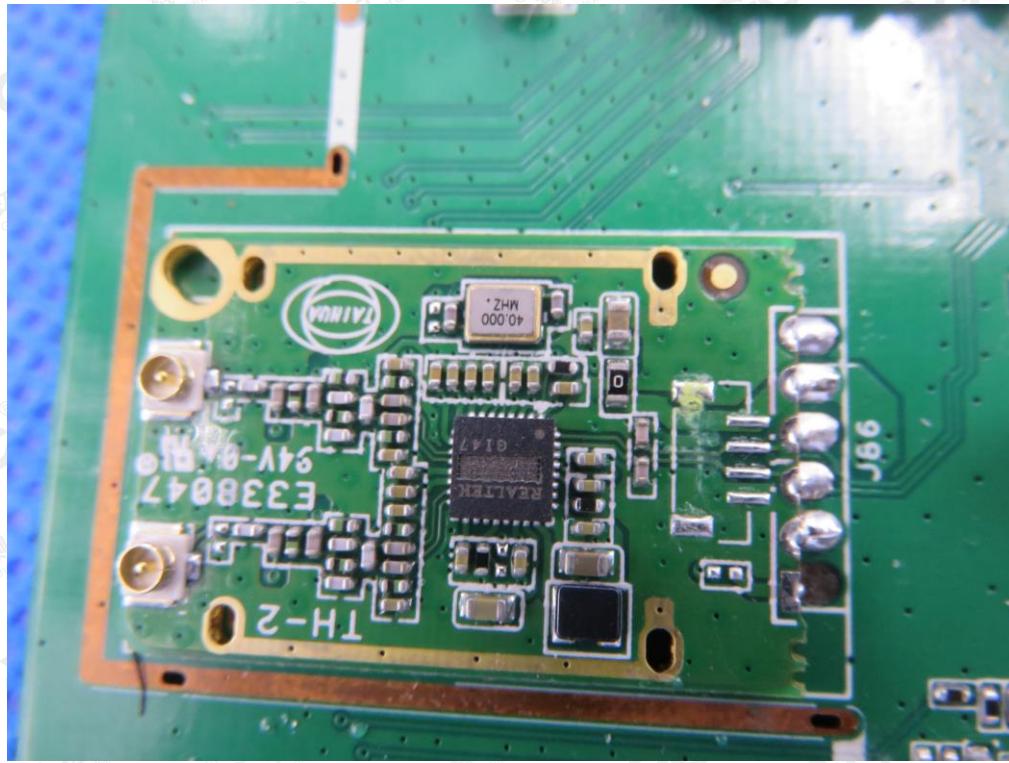
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## INTERNAL VIEW OF EUT-10



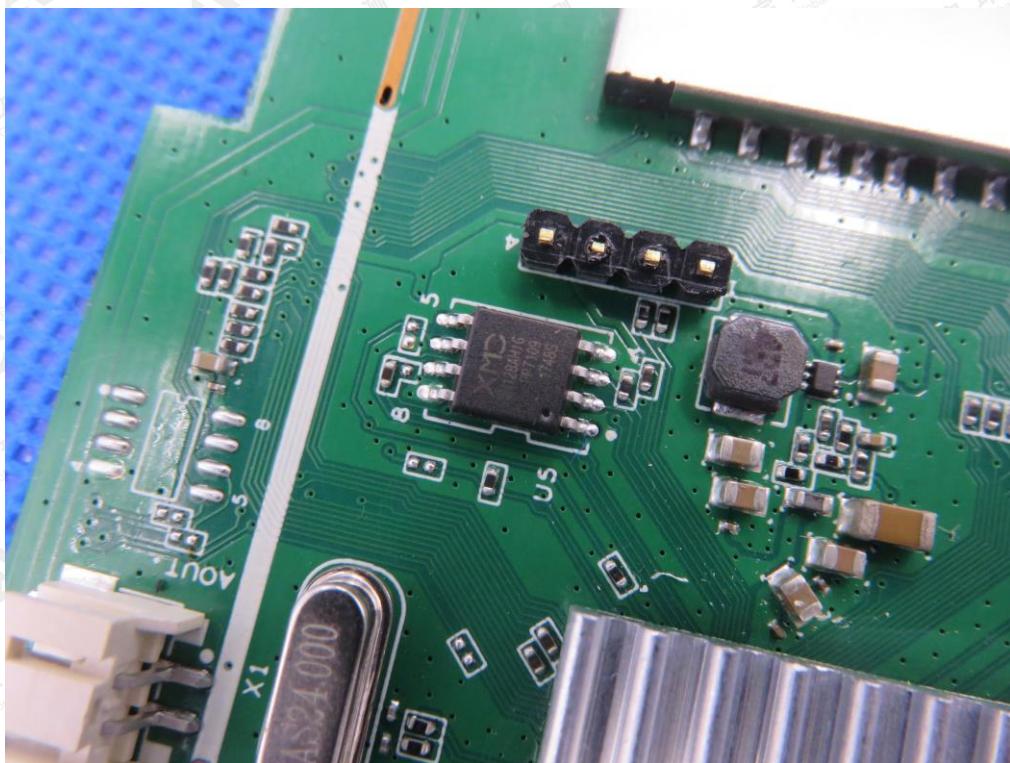
## INTERNAL VIEW OF EUT-11



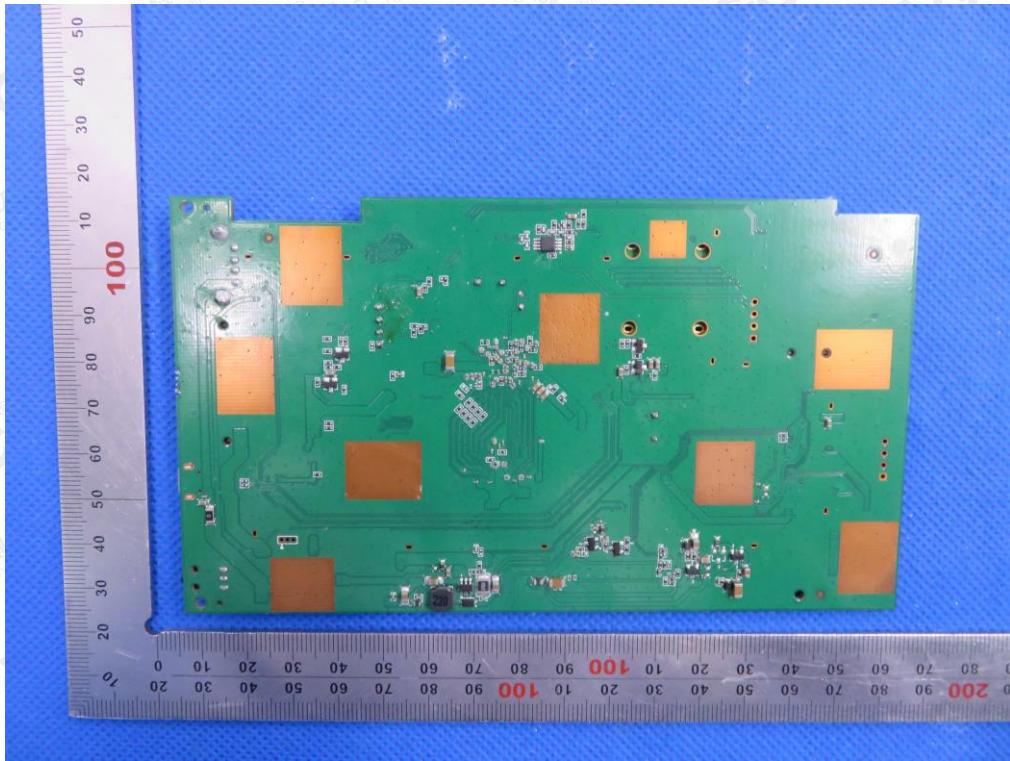
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## INTERNAL VIEW OF EUT-12



## INTERNAL VIEW OF EUT-13



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VIEW OF ANTENNA CONNECTOR



----END OF REPORT----

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