Shenzhen Certification Technologh Service Co., Ltd
3F, Bldg27,Area A, Tanglang Industrial Zone, Xili Town, Nanshan District, ShenZhen, Guang dong, P.R. China.

FCC TEST REPORT

FCC ID: W8LVIG-800

Applicant : Shenzhen Yingxuntong Technology Co.,Ltd
Address : B3 Building,3rd Industrial Area,Fenghuanggang, Xixiang Town,Bao'an District,Shenzhen P.R.China

Equipment under Test (EUT):

Name : Mini Camcorder+MP3
Model : VIG-800

Standards : FCC Part 15B

Report No. : STE090311065
Date of Test : March 16,2009
Date of Issue : March 18 ,2009

Test Result :	**PASS ***

* In the configuration tested, the EUT complied with the standards specified above

Authorized Signature

(Mark Zhu)
General Manager

The manufacture should ensure that all the products in series production are in conformity with the product sample detailed in this report.

If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of Shenzhen Certification Technology Service Co., Ltd. Or test done by Shenzhen Certification Technology Service Co., Ltd. Approvals in connection with, distribution or use of the product described in this report must be approved by Shenzhen Certification Technology Service Co., Ltd. Approvals in writing.

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Description **Page**

1 General Information

1.1 Description of Device (EUT)

Trade Name	:	N/A
EUT	:	Mini Camcorder+MP3
Model No.	:	VIG-800
Power Supply	:	DC5V
Applicant	:	Shenzhen Yingxuntong Technology Co.,Ltd
Address	:	B3 Building,3rd Industrial Area,Fenghuanggang, Xixiang Town,Bao'an District,Shenzhen P.R.China
Manufacturer	:	Shenzhen Yingxuntong Technology Co.,Ltd
Address	:	B3 Building,3rd Industrial Area,Fenghuanggang, Xixiang Town,Bao'an District,Shenzhen P.R.China

1.2 Description of Test Facility

Shenzhen Certification Technology Service Co.,Ltd.
3F, Bldg.27, Area A, Tanglang Industrial Zone, Xili Town, Nanshan District, Shenzhen 518055, Guangdong, P.R. China
FCC Registered No.:305283

2 Test Equipment List

Equipment	Manufacture	Model No.	Serial No.	Last cal.	Cal Interval
3m Semi-Anechoic	ETS-LINDGREN	N/A	SEL0017	16/06/2008	1Year
Spectrum analyzer	Agilent	E4443A	MY46185649	06/06/2008	1Year
Receiver	R&S	ESCI	100492	04/06/2008	1Year
Receiver	R&S	ESCI	101202	07/01/2008	1Year
Bilog Antenna	Sunol	JB3	A121206	04/06/2008	1Year
Cable	Resenberger	N/A	No.1	04/06/2008	1Year
Cable	SCHWARZBECK	N/A	No.2	04/06/2008	1Year
Cable	SCHWARZBECK	N/A	No.3	04/06/2008	1Year
Pre-amplifier	R&S	AFS42-00101 800-25-S-42	SEL0081	18/06/2008	1Year
Pre-amplifier	R&S	AFS33-18002650 -30-8P-44	SEL0080	18/06/2008	1Year
LISN	R&S	3816	SEL0019	18/06/2008	1Year

3 Summary of Measurement

Test Item	Test Requirement	Standard Paragraph	Result
Conducted Emission	FCC PART15	15.107	Compliance
Radiation Emission	FCC PART15	15.109	Compliance

4 Radiated Emission Test

4.1 Radiated Emission Limits(15.109)

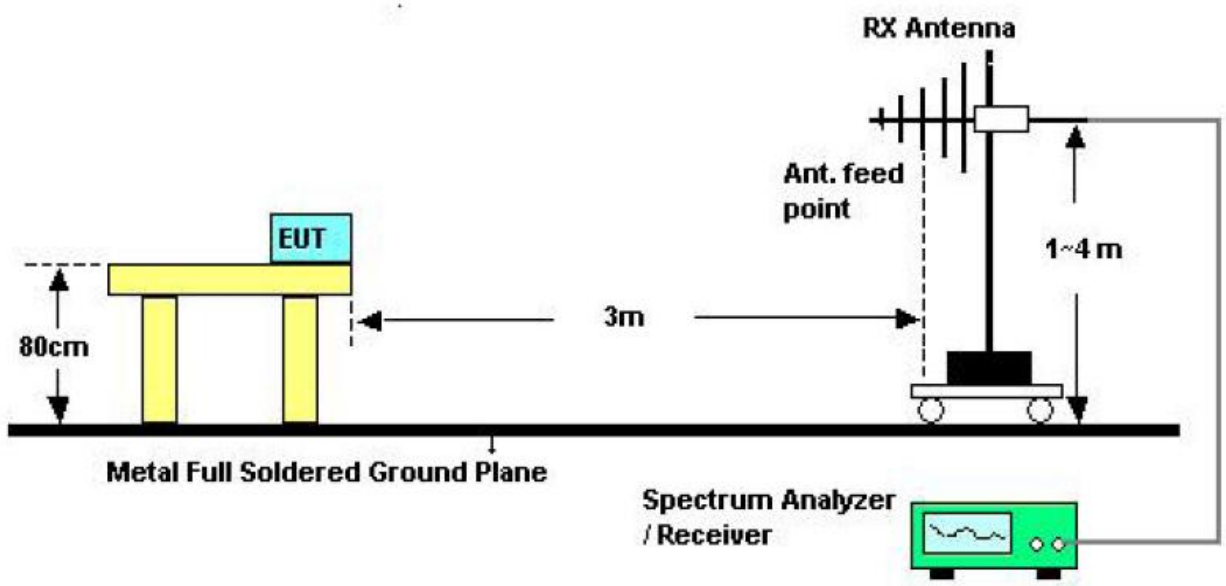
Frequency (MHZ)	**Field Strength Limits at 3 metres**		
	uV/m	dB uV/m	Measurement distance(m)
30~88	100(3nW)	40	3
88~216	150(6.8nW)	43.5	3
216~960	200(12nW)	46	3
Above960	500(75nW)	54	3

N**OTE:**

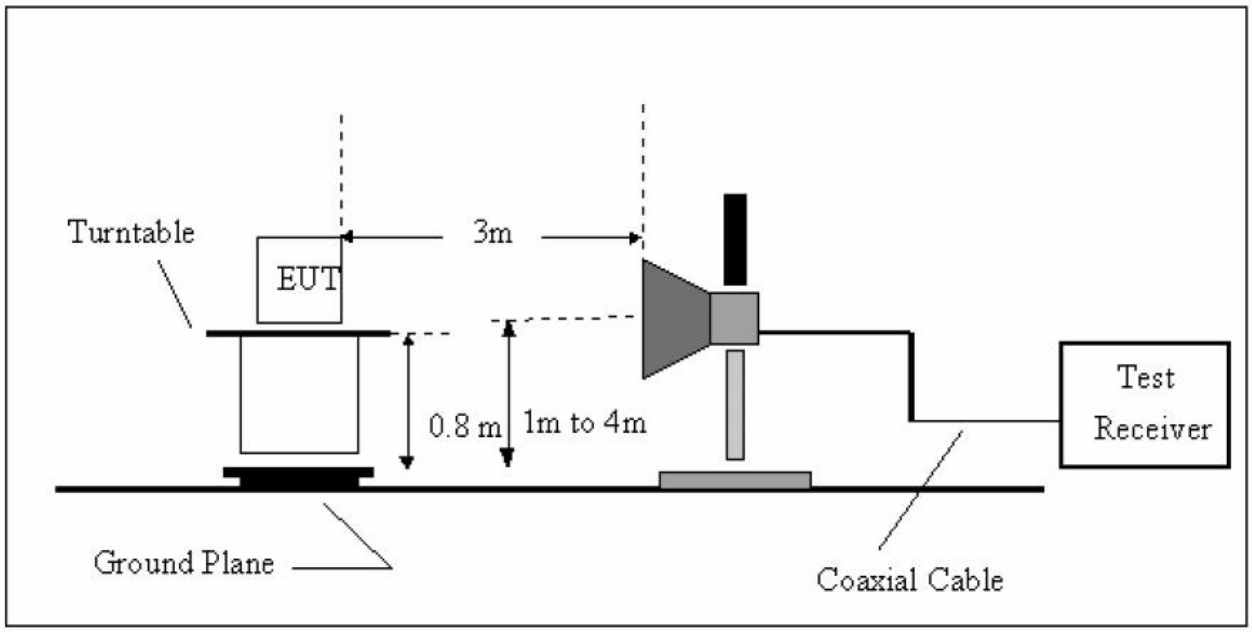
a) The tighter limit applies at the band edges.
b) Emission Level(dB uV/m)=20log Emission Level(uV/m)

4.2Test Setup for Emission measurement

Test Setup for Emission above 30MHz



Test Setup for Emission above 1GHz



4.3 Test Procedure

a) The measuring distance of 3m shall be used for measurements at frequency up to 1GHZ and above 1 GHZ, The EUT was placed on a rotating 0.8 m high above ground. The table was rotated 360 degrees to determine the position of the highest radiation

b) The Test antenna shall vary between 1m and 4m. Both Horizontal and Vertical antenna are set to make measurement.

c) The initial step in collecting conducted emission data is a spectrum analyzer Peak detector mode pre-scanning the measurement frequency range. Significant Peaks are then marked and then Qusia Peak Detector mode premeasured

d) If Peak value comply with QP limit Below 1GHZ.The EUT deemed to comply with QP limit. But the Peak value and average value both need to comply with applicable limit above 1GHZ.

e) For the actual test configuration, please see the test setup photo.

f) Test Equipment Setting For emission test:

30MHZ~1GHZ:
RBW 120KHZ VBW 300KHZ

Above 1GHZ :
RBW 1MHZ VBW 3MHZ for Peak value
RBW 1MHZ VBW 10HZ for Average Value

4.4 Test Condition

Work in maximum emission

4.5 Test Results

Radiated Emission Measurement

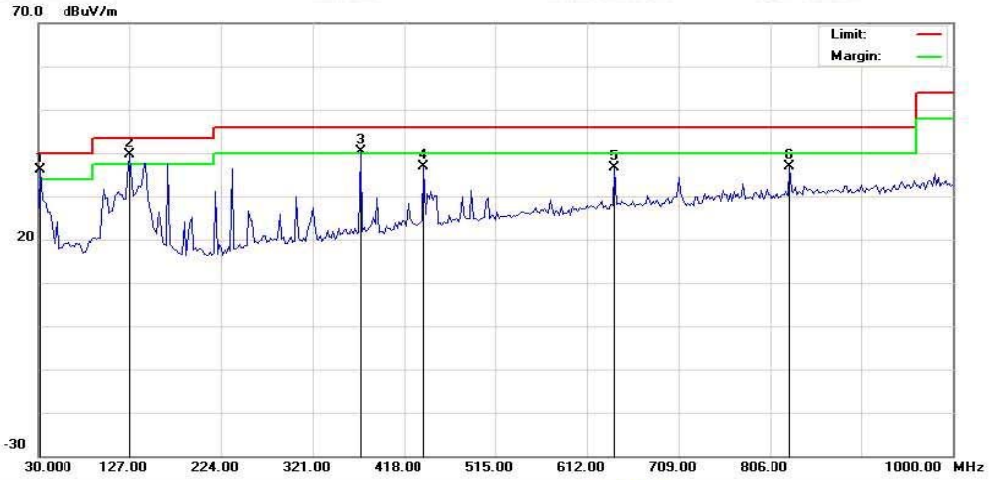
Site site MOST 3M
Limit: FCC Part15 B 3M Radiation
EUT: Mini Camcorder+MP3
M/N: VIG-800
Mode: Data Transmitting
Note:

Polarization: ***Horizontal***
Power: DC5V
Distance: 3m

Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		101.0000	29.70	11.49	41.19	43.50	-2.31	QP			
2		239.5200	22.32	14.17	36.49	46.00	-9.51	QP			
3		353.9800	22.87	18.12	40.99	46.00	-5.01	QP			
4		480.0800	17.65	21.70	39.35	46.00	-6.65	QP			
5		720.6400	9.33	24.71	34.04	46.00	-11.96	QP			
6		901.0600	9.15	27.42	36.57	46.00	-9.43	QP			

Radiated Emission Measurement



Site: site MOST 3M
Limit: FCC Part15 B 3M Radiation
EUT: Mini Camcorder+MP3
M/N: VIG-800
Mode: DATA TRANSMITTING
Note:

Polarization: *Vertical*
Power: DC 5V
Distance: 3m

Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		31.9400	15.74	20.50	36.24	40.00	-3.76	QP			
2		127.0000	24.05	15.70	39.75	43.50	-3.75	QP			
3		371.4400	22.05	18.21	40.26	46.00	-5.74	QP			
4		439.3400	16.62	20.30	36.92	46.00	-9.08	QP			
5		641.1000	12.60	24.01	36.61	46.00	-9.39	QP			
6		827.3400	10.06	26.89	36.95	46.00	-9.05	QP			

Notes: The other frequency and mode comply with the standard requirement and at least have 20dB margin.

5 Conducted Emission Test

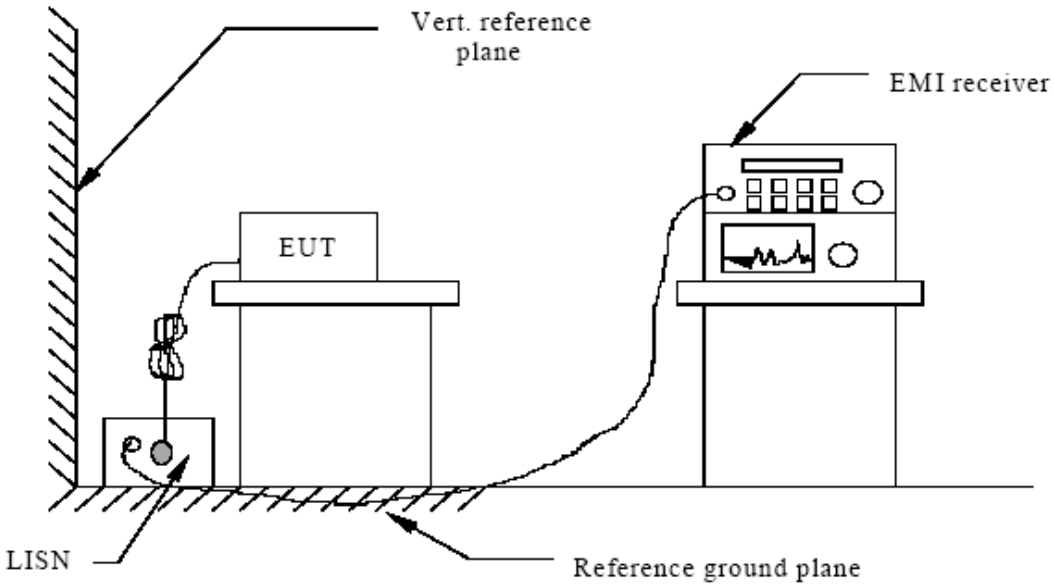
5.1 Conducted Emission Limits

Frequency of Emission(MHZ)	Conducted Limit(dBuV)	
	Quasi-peak	Average
0.15-0.5 0.5-5 5-30	66 to 56 56 60	56 to 46 46 50

5.2 Method of measurement

The EUT is put on the plane 0.8m high above the ground by insulating support and connected to the AC mains through a Line Impedance Stability Network (L.I.S.N). This provided a 50ohm coupling impedance for the tested equipments. Both sides of AC line are investigated to find out the maximum conducted emission according to the FCC PART15 regulations during conducted emission test.
The bandwidth of the field strength meter (R&S Test Receiver ESCI) is set at 9 KHz. The frequency range from 150 kHz to 30MHz is investigated.

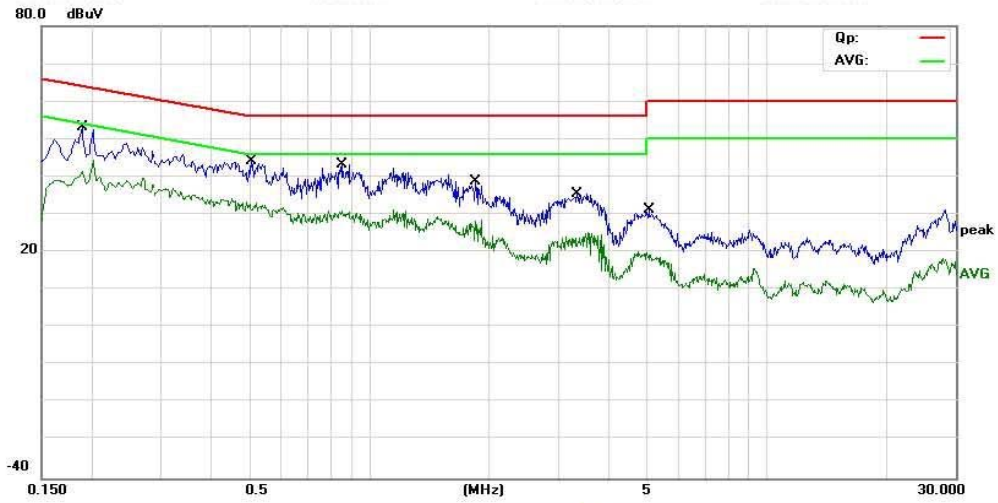
5.3 Test Setup



5.4 Test Results

Pass
For more details, please see the following page.

Conducted Emission Measurement



Site site #1 Phase: L1 Temperature: 26

Limit: FCC PART15 Class B QP Power: AC 120V Humidity: 60 %

EUT: Mini Camcorder+MP3

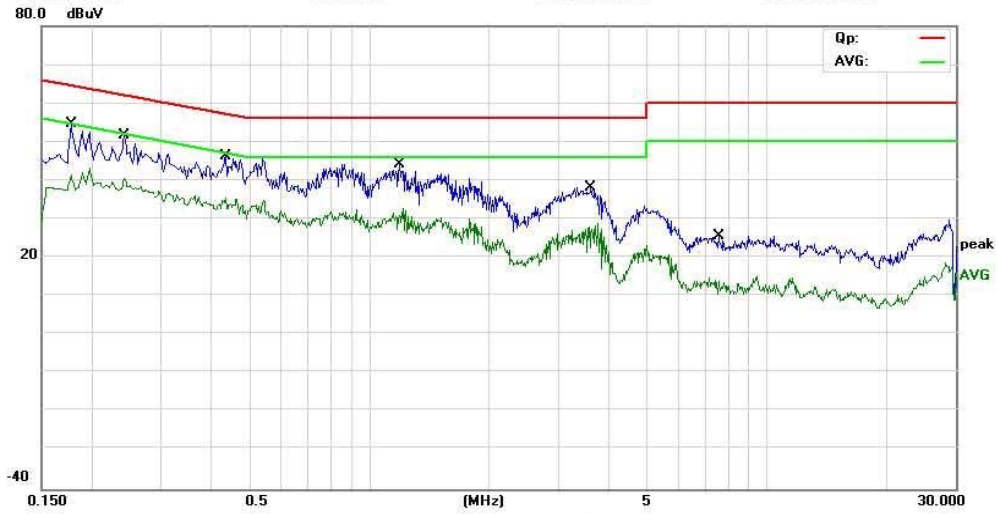
M/N: VIG-800

Mode: Charging

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1900	41.68	11.40	53.08	64.04	-10.96	QP	
2		0.5100	34.19	10.00	44.19	56.00	-11.81	QP	
3		0.8580	33.28	10.00	43.28	56.00	-12.72	QP	
4		1.8540	29.54	9.15	38.69	56.00	-17.31	QP	
5		3.3620	25.23	10.36	35.59	56.00	-20.41	QP	
6		5.0780	19.29	11.95	31.24	60.00	-28.76	QP	

Conducted Emission Measurement

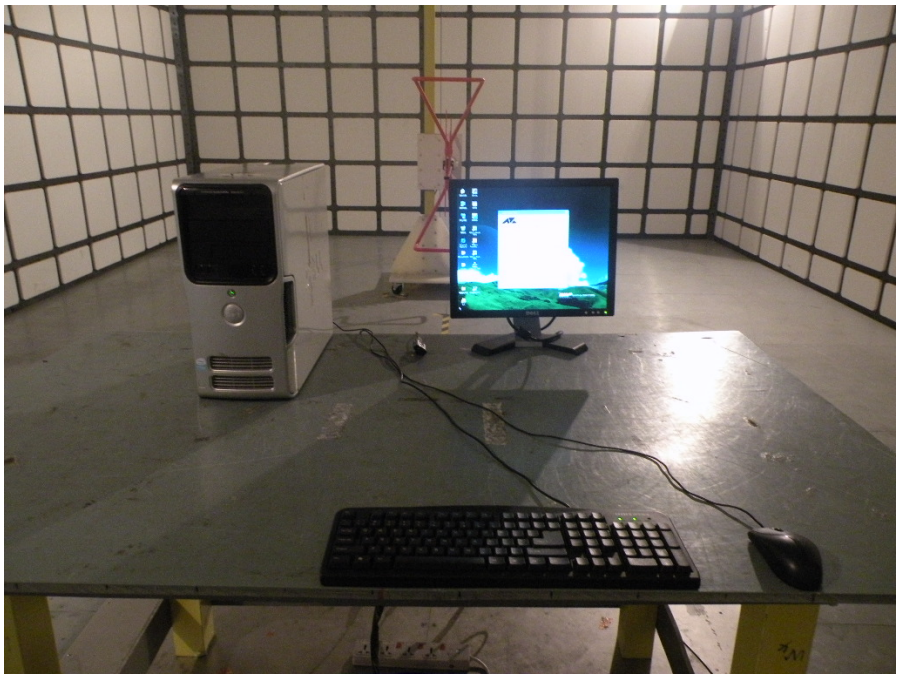


Site: site #1 Phase: N Temperature: 26
Limit: FCC PART15 Class B QP Power: AC 120V Humidity: 60 %
EUT: Mini Camcorder+MP3
M/N: VIG-800
Mode: Charging
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1780	43.86	10.68	54.54	64.58	-10.04	QP	
2		0.2420	39.95	11.72	51.67	62.03	-10.36	QP	
3		0.4380	35.97	10.41	46.38	57.10	-10.72	QP	
4		1.1940	34.22	9.81	44.03	56.00	-11.97	QP	
5		3.6380	27.48	10.64	38.12	56.00	-17.88	QP	
6		7.5820	14.98	10.45	25.43	60.00	-34.57	QP	

6 Photographs of Test Setup

Radiated Emission Test Setup



Conducted Emission Test Setup

7 Photographs of EUT

Figure 1

Photo of EUT

Front View [ ]

Rear View [ ]

Top View [ ]

Bottom View[ ]

Left View [ ]

Right View [ ]

Full View [√]

Figure 2

Photo of EUT

Front View [ ]

Rear View [ ]

Top View [√]

Bottom View[ ]

Left View [ ]

Right View [ ]

Full View [ ]

Figure 3

Photo of EUT

Front View [ ]

Rear View [ ]

Top View [ ]

Bottom View[√]

Left View [ ]

Right View [ ]

Internal View [ ]

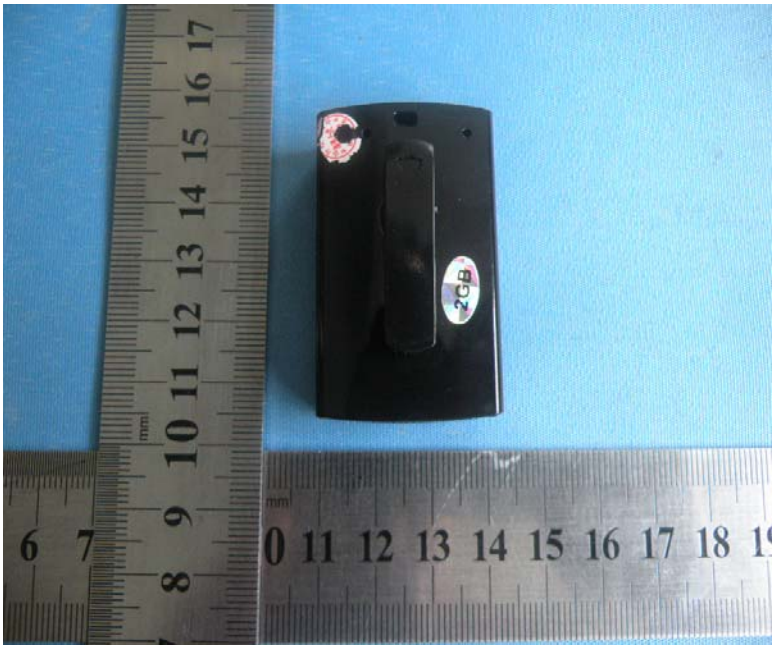


Figure 4

Photo of EUT

Front View [√]

Rear View [ ]

Top View [ ]

Bottom View[ ]

Left View [ ]

Right View [ ]

Internal View [ ]

Figure 5

Photo of EUT

Front View [ ]

Rear View [√]

Top View [ ]

Bottom View[ ]

Left View [ ]

Right View [ ]

Internal View [ ]

Figure 6

Photo of EUT

Front View [ ]

Rear View [ ]

Top View [ ]

Bottom View[ ]

Left View [ ]

Right View [ ]

Power View [√]

Figure 7

Photo of EUT

Front View [ ]

Rear View [ ]

Top View [ ]

Bottom View[ ]

Left View [ ]

Right View [ ]

Internal View [√]

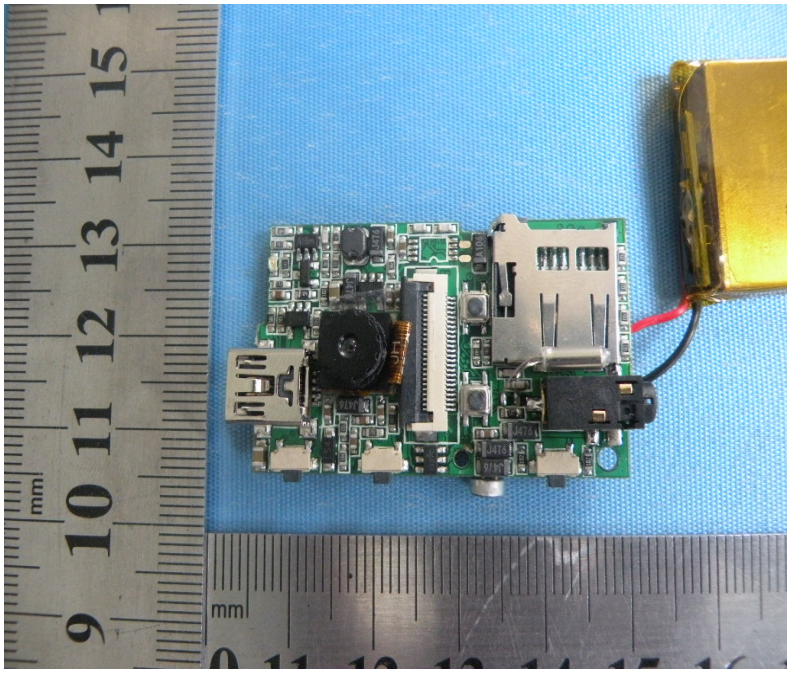


Figure 8

Photo of EUT

Front View [ ]

Rear View [ ]

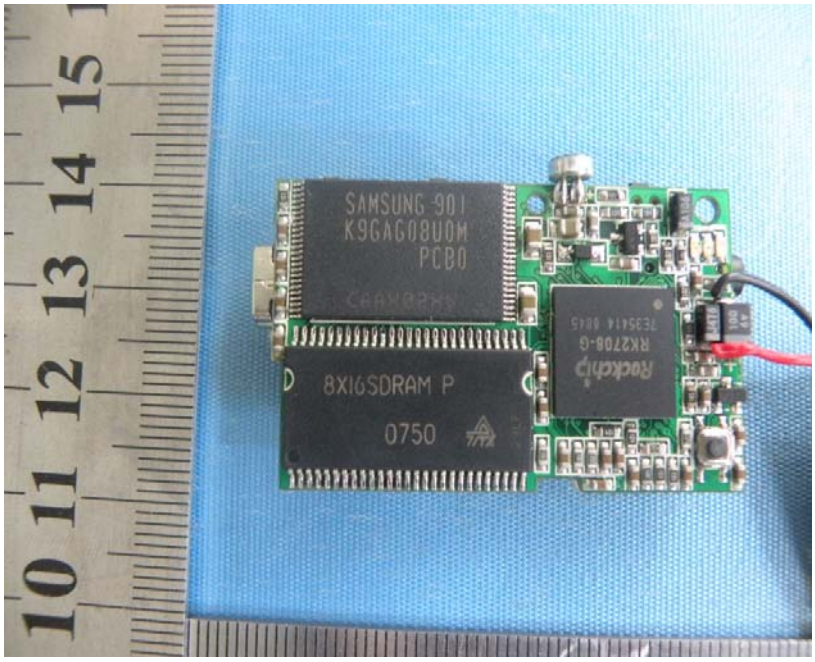
Top View [ ]

Bottom View[ ]

Left View [ ]

Right View [ ]

Internal View [√]



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