





Report No: File reference No: **ISO/IEC17025 Accredited Lab.** FCC 1007207 2010-07-23

Applicant: Shen Zhen Autopro Technology Co., Ltd.

Product: Car DVD Player with Monitor

Model No: A1285

Trademark: VIZUALOGIC

Test Standards: FCC Part 15 Subpart C, Paragraph 15.239

Test result: It is herewith confirmed and found to comply with the requirements set up by ANSI C63.4&FCC Part 15 Subpart C, Paragraph 15.239 regulations for the evaluation of electromagnetic compatibility

Approved By

Jack Chung

Jack Chung Manager

Dated:

July 23,2010

Results appearing herein relate only to the sample tested The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

5/F,Block 4, Anhua Industrial Zone.,No.8 TaiRan Rd.CheGongMiao,FuTian District, Shenzhen,CHINA.

Tel (755) 83448688 Fax (755) 83442996



Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meets with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:1999 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 899988

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.:899988.

IC- Registration No.: IC5205A-01

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration No.: IC 5205A-01.

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1.0 **General Details**

1.1 Test Lab Details

Name :	SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD		
Address:	5/F,Block 4, Anhua Industrial Zone.,No.8 TaiRan Rd.CheGongMiao,FuTian District,		
	Shenzhen, CHINA.		
Telephone:	(755) 83448688		
Fax:	(755) 83442996		
Site on File v	vith the Federal Communications Commission – United Sates		
Registration	Number: 899988		
For 3m & 10	m OATS		
Site Listed w	ith Industry Canada of Ottawa, Canada		
Registration	Number: IC: 5205A-01		
For 3m & 10	m OATS		
Applicant De	etails		
Applicant:	Shen Zhen Autopro Technology Co., Ltd.		
Address:	Address: Bldg H2, Area A, Hongfa Technology Industrial Zone, Shiyan Town, Bao An District		
	Shenzhen, China		
Telephone:	+86-755-27651188		
Fax:	+86-755-81790759		

1.3 Description of EUT

1.2

Product:	Car DVD Player with Monitor
Brand Name:	VIZUALOGIC
Model Number:	A1285
Additional Model Name	A1286, A1280, A1281, LC1250, LC1251,HS70D,HS70
Additional Brand Name:	Autopro
Rating:	12V DC input
Operation Frequency	88.5MHz, 88.6MHz, 88.7 MHz, 88.8 MHz, 88.9 MHz, 89.0 MHz, 89.1 MHz,
	89.2MHz, 89.3 MHz, 89.4 MHz, 89.5 MHz, 89.6 MHz, 89.7 MHz, 89.8 MHz,
	89.9 MHz,
Frequency Tuning	The frequency tuning controls have been manually adjusted to the highest and
	lowest TX frequency. The center frequencies of the tuning range are within
	88.5MHz to89.9MHz.
Type of Modulation	FM
Antenna Designation	A permanent fixed antenna, which is built-in, designed as an indispensable part
	of the EUT.

1.4 Submitted Sample: 1 Sample

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- 1.5 Test Duration 2010-07-19 to 2010-07-23
- 1.6 Test Uncertainty Conducted Emissions Uncertainty =3.6dB Radiated Emissions Uncertainty =4.7dB
- 1.7 Test Engineer

Terry Tang

The sample tested by

Print Name: Terry Tang

2.0		Test Equip	ments		
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	ROHDE&SCHWARZ	ESPI 3	100379	2009-12-05	2010-12-04
Absorbing Clamp	ROHDE&SCHWARZ	MDS-21	100126	2009-12-05	2010-12-04
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100294	2009-12-05	2010-12-04
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100253	2009-12-05	2010-12-04
Ultra Broadband ANT	ROHDE&SCHWARZ	HL562	100157	2009-12-05	2010-12-04
ESDV Test Receiver	ROHDE&SCHWARZ	ESDV	100008	2010-03-29	2011-03-28
4-WIRE ISN	ROHDE&SCHWARZ	ENY 41	830663/044	2010-02-17	2011-02-16
GG ENY22 Double 2-Wire ISN	ROHDE&SCHWARZ	ENY22	83066/016	2010-02-17	2011-02-16
Impuls-Begrenzer	ROHDE&SCHWARZ	ESH3-Z2	100281	2010-02-17	2011-02-16
System Controller	СТ	SC100	-	2010-02-17	2011-02-16
Printer	EPSON	PHOTO EX3	CFNH234850	2010-02-17	2011-02-16
FM-AM Signal Generator	JUNG.JIN	SG-150M	389911177	2010-02-17	2011-02-16
Color TV Pattern Generator	PHILIPS	PM5418	LO621747	2010-02-17	2011-02-16
Computer	IBM	8434	1S8434KCE99BLXL O*	-	-
Oscillator	KENWOOD	AG-203D	3070002	2010-02-17	2011-02-16

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Spectrum Analyzer	HAMEG	HM5012	-	-	-
Power Supply	LW	APS1502	-	-	-
5K VA AC Power Source	California Instruments	5001iX	56060	2010-02-17	2011-02-16
CDN	EM TEST	CDN M2/M3	-	2010-02-17	2011-02-16
Attenuation	EM TEST	ATT6/75	-	2010-02-17	2011-02-16
Resistance	EM TEST	R100	-	2010-02-17	2011-02-16
Electromagnetic Injection Clamp	LITTHI	EM101	35708	2010-02-17	2011-02-16
Inductive Components	EM TEST	MC2630	-	2010-02-17	2011-02-16
Antenna	EM TEST	MS100	-	2010-02-17	2011-02-16
Signal Generator	ROHDE&SCHWARZ	SMT03	100029	2010-02-17	2011-02-16
Power Amplifier	AR	150W1000	300999	2010-02-17	2011-02-16
Field probe	Holaday	HI-6005	105152	2010-02-17	2011-02-16
Bilog Antenna	Chase	CBL6111C	2576	2010-02-17	2011-02-16
Loop Antenna	EMCO	6502	00042960	2010-02-17	2011-02-16
ESPI Test Receiver	ROHDE&SCHWARZ	ESI26	838786/013	2010-02-17	2011-02-16
3m OATS			N/A	2010-02-17	2011-02-16

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3.0 **Technical Details**

3.1 Summary of test results

The EUT has been tested according to the following specifications:				
Standard	Test Type	Result	Notes	
FCC Part 15, Paragraph 15.207	Conducted	N/A	N/A	
	Emission Test			
	Field Strength		Complies	
FCC Part 15 Subpart C Paragraph 15.239 Limit	of	PASS		
	Fundamental			
	Radiated			
FCC Part 15, Paragraph 15.209	Emission Test	PASS	Meets Class B Limit	
Attenuation below the general limits specified in	Band Edge	PASS	The field strength of	
Section 15.209(a) is not required. In addition,	Test		any Emissions, which	
Radiated emissions which fall in the restricted			appear Outside of this	
bands, as defined in Section 15.205(a), must also			band, shall not exceed	
comply with the Radiated emission limits			the general Radiated	
specified in Section 15.209(a) (see Section			emission limits in	
15.205(c)).			Section 15.209.	

3.2 Test Standards FCC Part 15 Subpart C, Paragraph 15.239

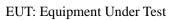
4.0 **EUT Modification**

No modification by Shenzhen Timeway Technology Consulting Co.,Ltd

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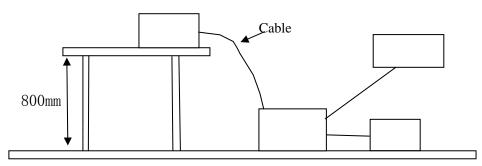
Report No: 1007207 Date: 2010-07-23 5. Power Line Conducted Emission Test 5.1 Schematics of the test AC Mains
L. I. S. N EUT Load



5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2003. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 500hm/50uH as specified by section 5.1 of ANSI C63.4 –2003.

Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.4-2003. All interface ports were connected to the Appropriate peripherals. All peripherals and cables are listed below.

Note: EUT can be powered by vehicle with 12V electrical system or batteries. During radiated emission test, EUT power by a regulated DC power supply because it produced more emission at this time.

A.	EUT
	LOI

Device	Manufacturer	Model	FCC ID
Car DVD Player	Shen Zhen Autopro Technology Co., Ltd.	A1285	VUDAUTOPRO2010
with Monitor			

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B.	Internal Device
----	-----------------

Device	Device Manufacturer			Model	FCC ID/DOC	
N/A						
C. Peripherals						
Device	Manufacturer	Model	FCC ID/DOC		Cable	
N/A						

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.4 -2003.

- A Setup the EUT and simulators as shown on follow
- B Set the volume to the maximum on the DVD Player and play a DVD disc to produce a typical signal, but Not a 1kHz signal.
- C the frequency tuning controls have been manually adjusted to the highest and lowest TX frequency. The center frequencies of the tuning range are within 88.1MHz to 107.9MHz.

5.5 Power line conducted Emission Limit according to Paragraph 15.207

Frequency	Class A Lim	its (dB µ V)	Class B Lim	nits (dB µ V)
(MHz)	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level
$0.15~\sim~0.50$	79.0	66.0	66.0~56.0*	56.0~46.0*
$0.50~\sim~5.00$	73.0	60.0	56.0	46.0
$5.00 \sim 30.00$	73.0	60.0	60.0	50.0

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The tighter limit shall apply at the transition frequencies

5.6 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.

Note: Owing to DC operation of EUT, this test item is not performed

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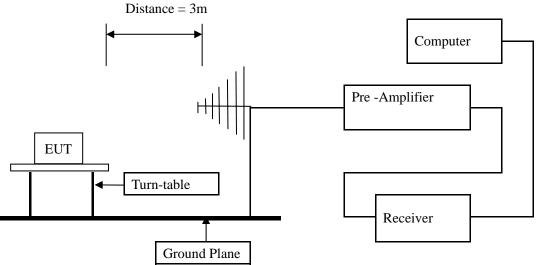
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6 Radiated Emission Test

6.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.4 –2003. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.4-2003.
- (3) The frequency spectrum from 30 MHz to 1 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz. Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "**QP**" in the data table.
- (6) The antenna polarization : Vertical polarization and Horizontal polarization.



Block diagram of Test setup

- 6.2 Configuration of The EUT Same as section 5.3 of this report
- 6.3 EUT Operating Condition Same as section 5.4 of this report.

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6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

A FCC Part 15 Subpart C Paragraph 15.239 Limit

Fundamental Frequency (MHz)	Field Strength of Fundamental (3m)		
	uV/m	dBuV/m	
88 to 108	250	47.96	

Note: 1. RF Field Strength $(dBuV) = 20 \log RF$ Voltage (uV)

2.Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3. The emission limit in this paragraph is based on measurement instrumentation employing an average

detector.

B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

	-	
Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note: 1. RF Voltage $(dBuV) = 20 \log RF$ Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT

4.New battery used in the test for each test

6.5 Test result

A Fundamental Radiated Emission Data

Product:	Car DVD Player with Monitor	Test Mode:	88.5MHz, Play DVD
Test Item:	Fundamental Radiated Emission Data	Temperature:	25°C
Test Voltage:	12V	Humidity:	56%
Test Result:	Pass		

Frequency (MHz)	Emission PK/AV (dBuV/m)	Horiz / Vert	Limits PK/AV (dBuV/m)	Margin (dB)
88.5	48.02(PK)/46.54(AV)	Vertical	67.96/47.96	-19.94/-1.42
88.5	47.53(PK)/46.30AV)	Horizontal	67.96/47.96	20.43/-1.66

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Product:	Car DVD Player with Monitor	Test Mode:	89.9MHz, Play DVD		
Test Item:	Fundamental Radiated Emission Data	Temperature:	25℃		
Test Voltage:	12V	Humidity:	56%		
Test Result:	Pass				

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
89.9	47.36 (PK)/46.11 (AV)	Vertical	67.96/47.96	-20.60/-1.85
89.9	47.77 (PK)/ 46.54(AV)	Horizontal	67.96/47.96	-20.19/-1.42

Product:	Car DVD Player with Monitor	Test Mode:	89.9MHz, AV-IN
Test Item:	Fundamental Radiated Emission Data	Temperature:	25°C
Test Voltage:	12V	Humidity:	56%
Test Result:	Pass		

Frequency (MHz)	Emission PK/AV (dBuV/m)	Horiz / Vert	Limits PK/AV (dBuV/m)	Margin (dB)
89.9	47.80(PK)/ 46.61(AV)	Vertical	67.96/47.96	-20.16/-1.35
89.9	46.92 (PK)/45.75 (AV)	Horizontal	67.96/47.96	-21.04/-2.21

Product:	Car DVD Player with Monitor	Test Mode:	88.5MHz, AV-IN
Test Item:	Fundamental Radiated Emission Data	Temperature:	25°C
Test Voltage:	12V	Humidity:	56%
Test Result:	Pass		

Frequency (MHz)	Emission PK/AV (dBuV/m)	Horiz / Vert	Limits PK/AV (dBuV/m)	Margin (dB)
88.5	47.56(PK)/ 46.58 (AV)	Vertical	67.96/47.96	-20.4/-1.38
88.5	47.72 (PK)/46.45 (AV)	Horizontal	67.96/47.96	-20.24/-1.51

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Product:	Car DVD Player with Monitor	Test Mode:	89.9MHz, Play SD		
Test Item:	Fundamental Radiated Emission Data	Temperature:	25℃		
Test Voltage:	12V	Humidity:	56%		
Test Result:	Pass				

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
89.9	47.91(PK)/46.47(AV)	Vertical	67.96/47.96	-20.05/-1.49
89.9	47.70 (PK)/46.45 (AV)	Horizontal	67.96/47.96	-20.26/-1.51

Product:	Car DVD Player with Monitor	Test Mode:	88.5MHz, Play SD
Test Item:	Fundamental Radiated Emission Data	Temperature:	25°C
Test Voltage:	12V	Humidity:	56%
Test Result:	Pass		

Frequency (MHz)	Emission PK/AV (dBuV/m)	Horiz / Vert	Limits PK/AV (dBuV/m)	Margin (dB)
88.5	47.62(PK)/ 46.22(AV)	Vertical	67.96/47.96	-20.34/-1.74
88.5	48.07 (PK)/46.68 (AV)	Horizontal	67.96/47.96	-19.89/-1.28

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A. General Radiated Emission Data and Harmonics Radiated Emission Data

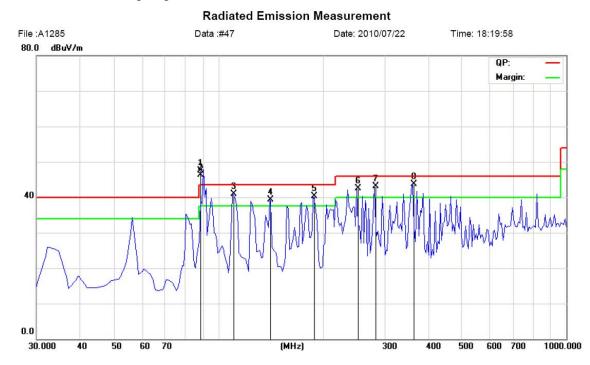
Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: 88.5MHz&Play DVD

Results:

Please refer to following diagram for individual

Pass



Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
109.025	40.94	Н	43.50
141.550	39.26	Н	43.50
187.625	40.39	Н	43.50
250.675	42.56	Н	46.00
282.200	44.11	Н	46.00
362.225	44.76	Н	46.00

The report refers only to the sample tested and does not apply to the bulk.

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B. General Radiated Emission Data and Harmonics Radiated Emission Data

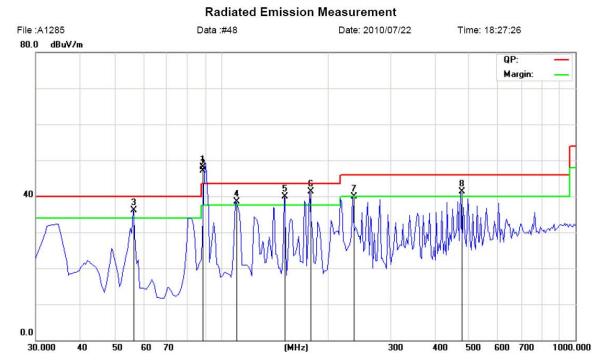
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: 88.5MHz&Play DVD

Results:

Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
56.675	36.20	V	40.00
109.025	38.58	V	43.50
151.250	39.98	V	43.50
177.925	41.34	V	43.50
236.125	40.93	V	46.00
476.200	43.34	V	46.00

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C. General Radiated Emission Data and Harmonics Radiated Emission Data

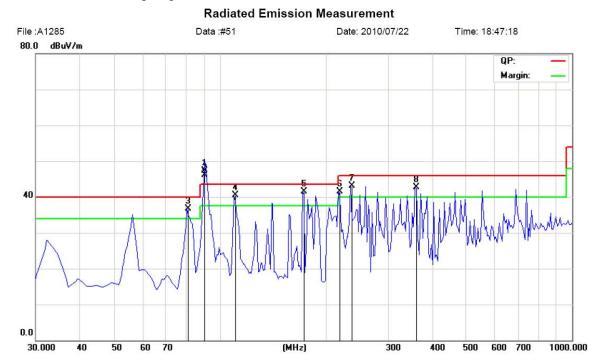
Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: 89.9MHz&Play DVD

Results:

Please refer to following diagram for individual

Pass



Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
80.925	39.45	Н	40.00
109.025	40.32	Н	43.50
173.075	41.30	Н	43.50
219.150	41.66	Н	46.00
236.125	41.55	Н	46.00
359.800	42.86	Н	46.00

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D. General Radiated Emission Data and Harmonics Radiated Emission Data

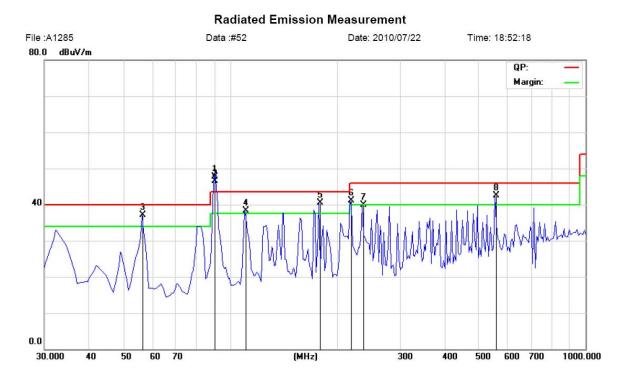
Radiated Emission In Vertical (30MHz----1000MHz)

Pass

EUT set Condition: 89.9MHz&Play DVD

Results:

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB µ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
56.675	37.10	V	40.00
109.025	38.32	V	43.50
177.925	41.59	V	43.50
219.150	40.02	V	46.00
236.125	40.83	V	46.00
556.225	43.46	V	46.00

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E. General Radiated Emission Data and Harmonics Radiated Emission Data

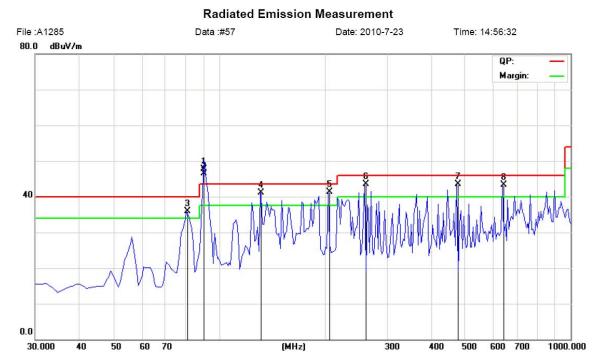
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: 89.9MHz&Play SD

Results:

Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
80.925	36.88	Н	40.00
131.850	41.16	Н	43.50
204.600	41.33	Н	43.50
260.375	43.53	Н	46.00
476.200	43.48	Н	46.00
643.525	43.29	Н	46.00

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F. General Radiated Emission Data and Harmonics Radiated Emission Data

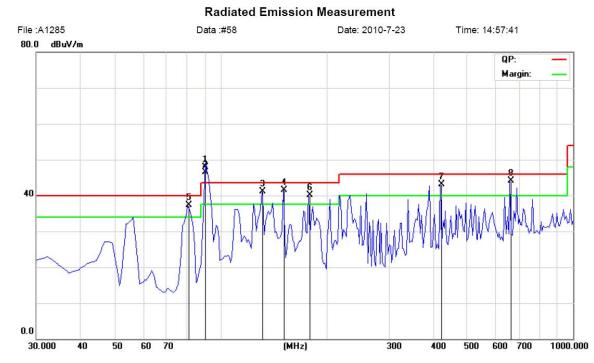
Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: 89.9MHz&Play SD

Results:

Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
80.826	37.64	V	40.00
131.851	41.10	V	43.50
151.253	41.54	V	43.50
177.952	40.16	V	43.50
420.426	43.40	V	46.00
665.350	44.12	V	46.00

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G. General Radiated Emission Data and Harmonics Radiated Emission Data

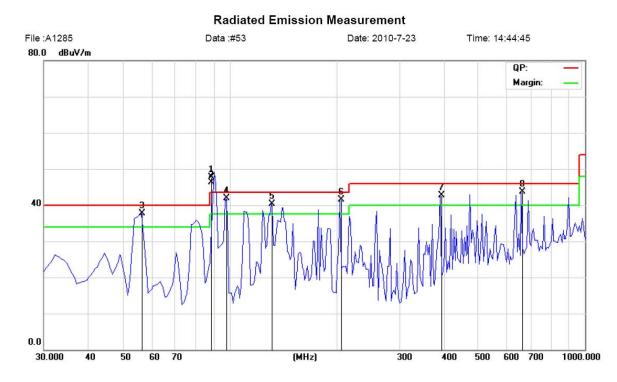
Radiated Emission In Vertical (30MHz----1000MHz)

Pass

EUT set Condition: 88.5MHz&Play SD

Results:

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB µ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
56.675	37.79	V	40.00
97.910	41.90	V	43.50
131.850	40.31	V	43.50
204.600	41.57	V	43.50
393.750	42.61	V	46.00
665.351	43.62	V	46.00

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H. General Radiated Emission Data and Harmonics Radiated Emission Data

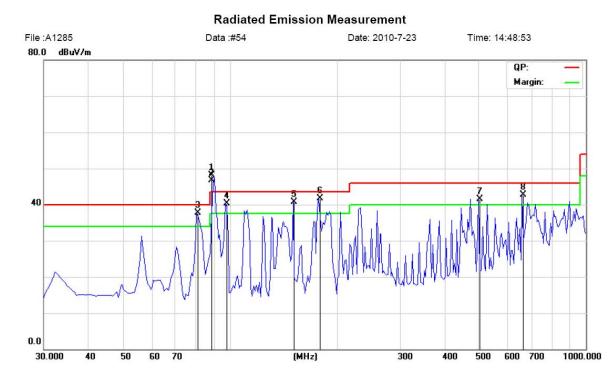
Radiated Emission In Vertical (30MHz----1000MHz)

Pass

EUT set Condition: 88.5MHz&PlaySD

Results:

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB µ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
80.129	37.89	Н	40.00
97.980	40.28	Н	43.50
151.256	40.67	Н	43.50
177.934	41.73	Н	43.50
502.758	41.44	Н	46.00
665.452	43.65	Н	46.00

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I. General Radiated Emission Data and Harmonics Radiated Emission Data

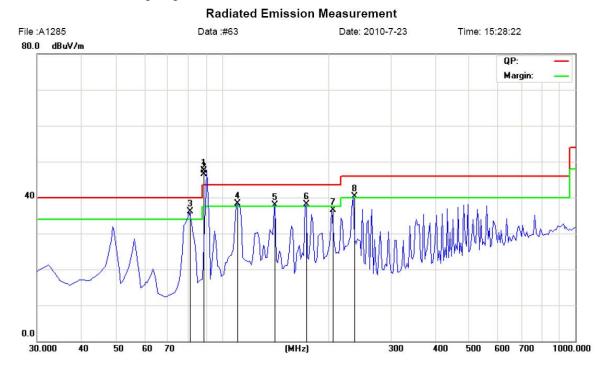
Radiated Emission In Vertical (30MHz----1000MHz)

Pass

EUT set Condition: 88.5MHz&AV-IN

Results:

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
80.952	36.81	V	40.00
110.025	38.64	V	43.50
141.577	38.12	V	43.50
173.057	38.46	V	43.50
204.600	37.37	V	43.50
236.128	40.21	V	46.00

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J. General Radiated Emission Data and Harmonics Radiated Emission Data

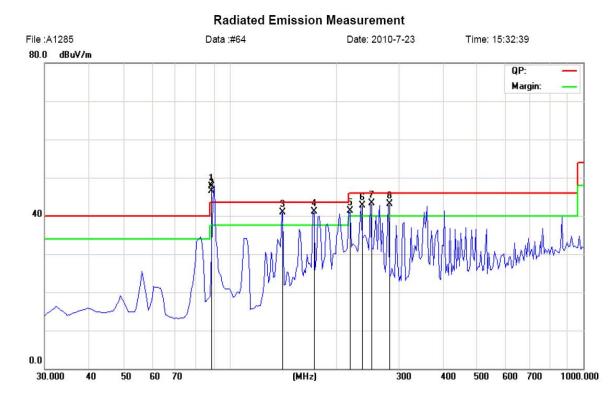
Radiated Emission In Vertical (30MHz----1000MHz)

Pass

EUT set Condition: 88.5MHz& AV-IN

Results:

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
141.550	40.83	Н	40.00
173.075	41.07	Н	43.50
219.150	41.36	Н	46.00
236.126	42.75	Н	46.00
250.664	43.31	Н	46.00
282.210	43.46	Н	46.00

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K. General Radiated Emission Data and Harmonics Radiated Emission Data

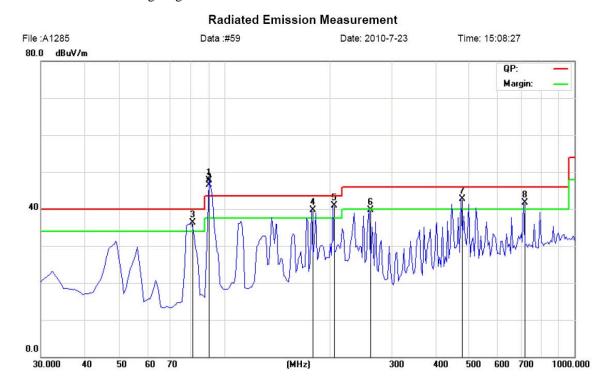
Radiated Emission In Vertical (30MHz----1000MHz)

Pass

EUT set Condition: 89.9MHz& AV-IN

Results:

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB µ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
80.942	36.45	V	40.00
177.632	39.64	V	43.50
204.610	40.93	V	43.50
260.359	39.70	V	46.00
476.234	42.66	V	46.00
718.720	41.76	V	46.00

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L. General Radiated Emission Data and Harmonics Radiated Emission Data

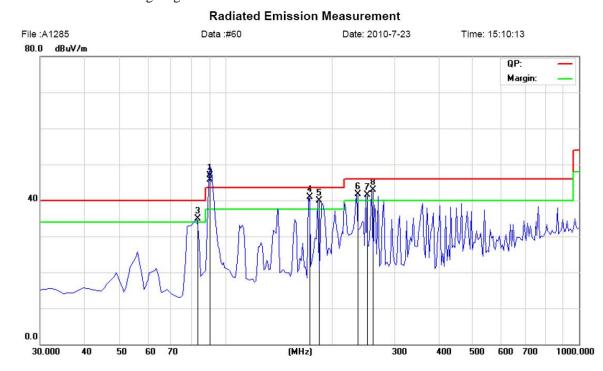
Radiated Emission In Vertical (30MHz----1000MHz)

Pass

EUT set Condition: 89.9MHz& AV-IN

Results:

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB µ V/m)
83.351	35.98	Н	40.00
173.076	40.88	Н	43.50
182.775	39.99	Н	43.50
236.126	41.65	Н	46.00
250.654	41.43	Н	46.00
260.381	42.97	Н	46.00

The report refers only to the sample tested and does not apply to the bulk.

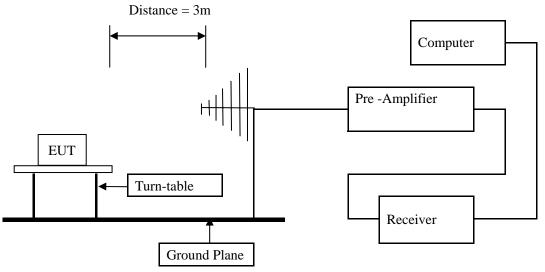
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7. Band Edge

7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.4 –2003. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) The frequency spectrum from 30 MHz to 1 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz. Measurements were made at 3 meters.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "QP" in the data table.
- (5) The antenna polarization : Vertical polarization and Horizontal polarization.



7.2 Radiated Test Setup

For the actual test configuration , please refer to the related items - Photos of Testing

7.3 Configuration of The EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.3 of this report.

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7.5 Band Edge Limit

(1) Emissions from the intentional radiator shall be confined within a band 200 kHz wide centered on the Operating frequency. The 200 kHz band shall lie wholly within the frequency range of 88-108 MHz.
 (2) The field strength of any emissions within the permitted 200 kHz band shall not exceed 250 microvolts/meter At 3 meters. The emission limit in this paragraph is based on measurement instrumentation employing an Average detector. The provisions in Section 15.35 for limiting peak emissions apply.

(3) Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated Emission limits specified in Section 15.209(a) (see Section 15.205(c)).

EUT Operating Condition

Set the volume to the maximum on the EUT and play a DVD disc to produce a typical signal, but not a 1kHz signal

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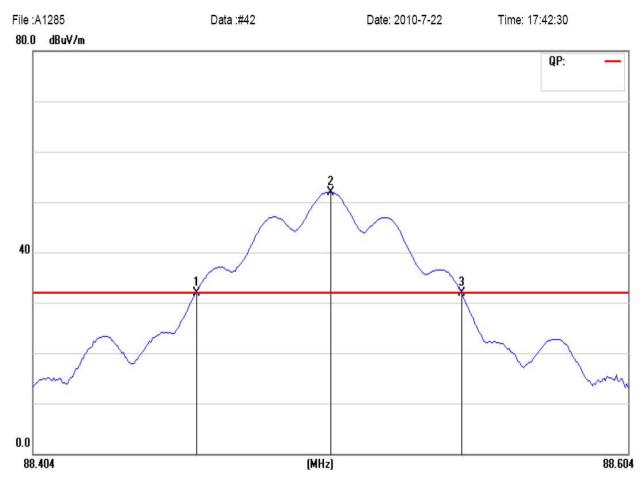


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7.6 Band Edge Test Result	
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Product:	Car DVD Player with Monitor	Test Mode:	88.5MHz&Play DVD
Test Item: Fundamental Radiated Emission Data		Temperature:	25℃
Test Voltage:	12V	Humidity:	56%
20dB	89kHz	Test Result:	Pass
Bandwidth			

Test Figure:



Frequency (MHz)	Marker No.
88.4590	1
88.5035	2
88.5480	3

The report refers only to the sample tested and does not apply to the bulk.

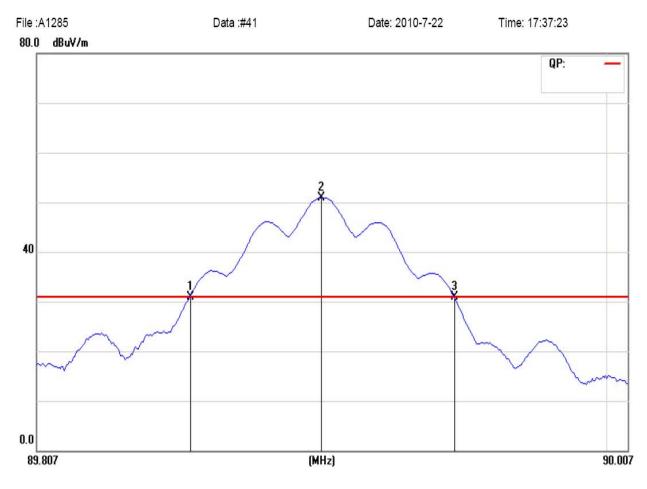
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7.6 Band Edge Test Result				
Product:	Car DVD Player with Monitor	Test Mode:	89.9MHz&Play DVD	
Test Item:	Fundamental Radiated Emission Data	Temperature:	25℃	
Test Voltage:	12V	Humidity:	56%	
20dB	89.5kHz	Test Result:	Pass	
Bandwidth				

Test Figure:



Frequency (MHz)	Marker No.
89.8586	1
89.9030	2
89.9481	3

The report refers only to the sample tested and does not apply to the bulk.

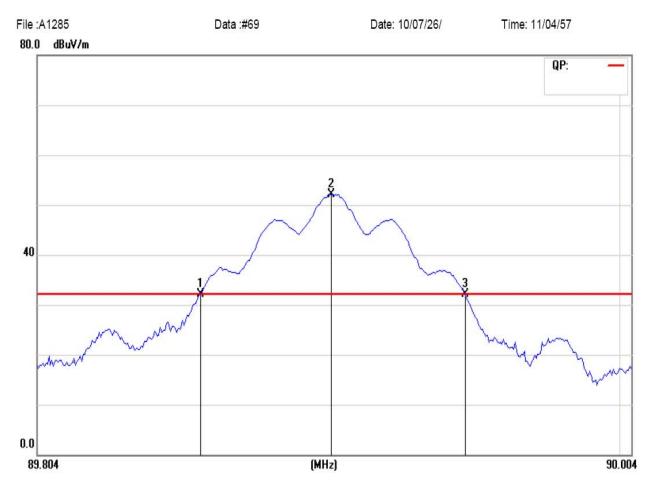
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Page 30 of 46

7.6 Band Edge Test Result				
Product:	Car DVD Player with Monitor	Test Mode:	89.9MHz&Play SD	
Test Item:	Fundamental Radiated Emission Data	Temperature:	25℃	
Test Voltage	:: 12V	Humidity:	56%	
20dB	88.9kHz	Test Result:	Pass	
Bandwidth				

Test Figure:



Frequency (MHz)	Marker No.
89.8588	1
89.9028	2
89.9477	3

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Page 31 of 46

7.6 Band Edge Test Result				
Product:	Car DVD Player with Monitor	Test Mode:	88.5MHz&Play SD	
Test Item:	Fundamental Radiated Emission Data	Temperature:	25°C	
Test Voltage:	12V	Humidity:	56%	
20dB	89.0kHz	Test Result:	Pass	
Bandwidth				

Test Figure:



Frequency (MHz)	Marker No.
88.4590	1
88.5035	2
88.5480	3

The report refers only to the sample tested and does not apply to the bulk.

of correspondence with any third party concerning the contents of the report. In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co .,Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

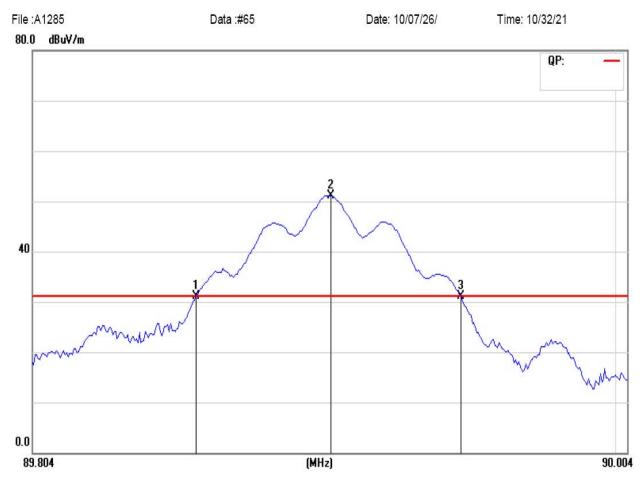
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7.6 Band Edge Test Result				
Product:	Car DVD Player with Monitor	Test Mode:	89.9MHz&AV-IN	
Test Item:	Fundamental Radiated Emission Data	Temperature:	25°C	
Test Voltage:	12V	Humidity:	56%	
20dB	89.0kHz	Test Result:	Pass	
Bandwidth				

Test Figure:



Frequency (MHz)	Marker No.
89.8590	1
89.9040	2
89.9480	3

The report refers only to the sample tested and does not apply to the bulk.

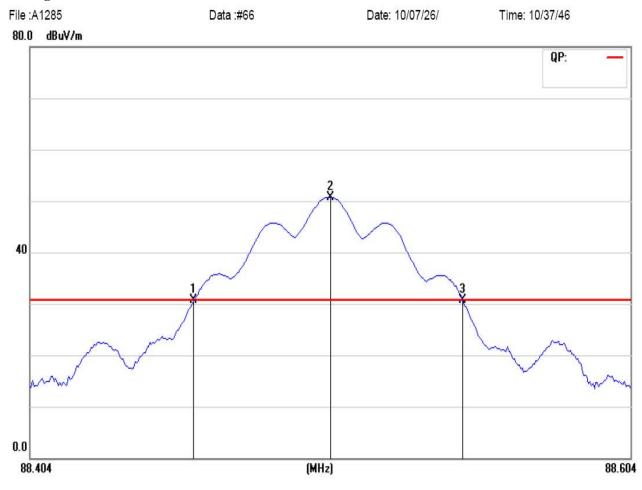
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Page 33 of 46

7.6 Band Edge Test Result			
Product:	Car DVD Player with Monitor	Test Mode:	88.5MHz& AV-IN
Test Item:	Fundamental Radiated Emission Data	Temperature:	25℃
Test Voltage:	12V	Humidity:	56%
20dB	89.5kHz	Test Result:	Pass
Bandwidth			

Test Figure:



Frequency (MHz)	Marker No.	
88.4585	1	
88.5035	2	
88.5480	3	

The report refers only to the sample tested and does not apply to the bulk.

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8.0 FCC ID Label

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FCC ID: VUD AUTOPRO2010

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



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Photo of testing 9.0

- 9.1 Conducted test View-N/A
- 9.2 Radiated emission test view



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9.3 Photo for the EUT

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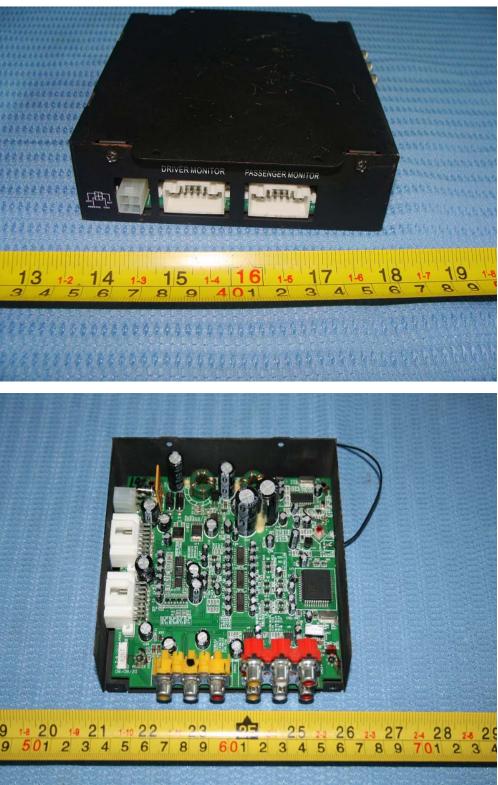


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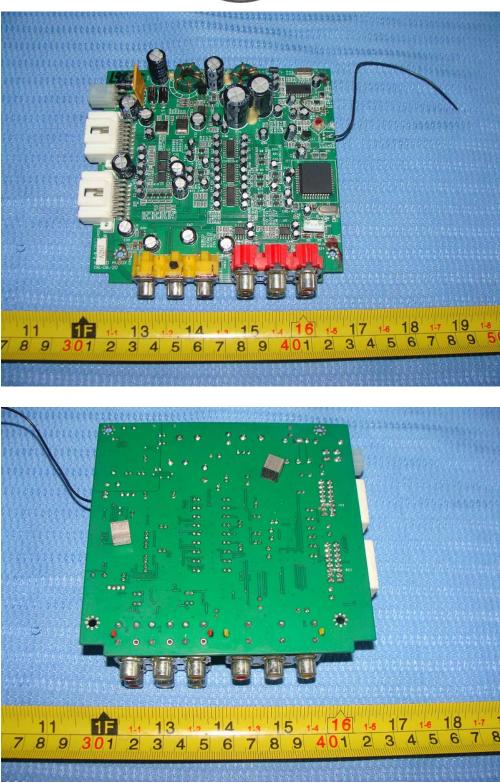


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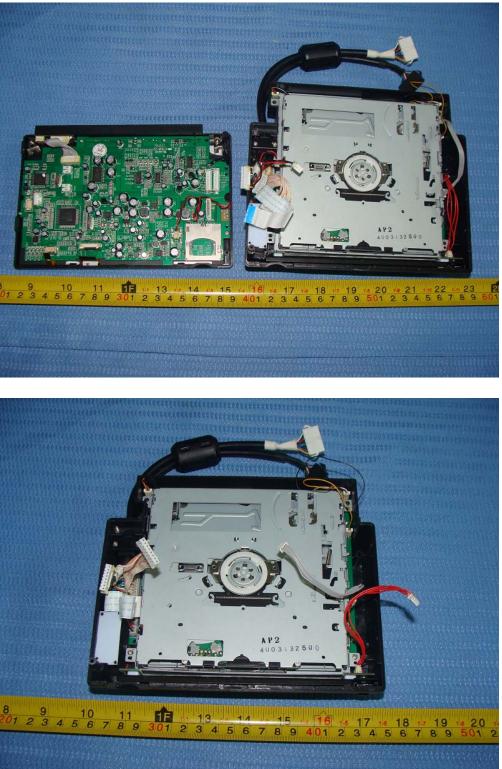




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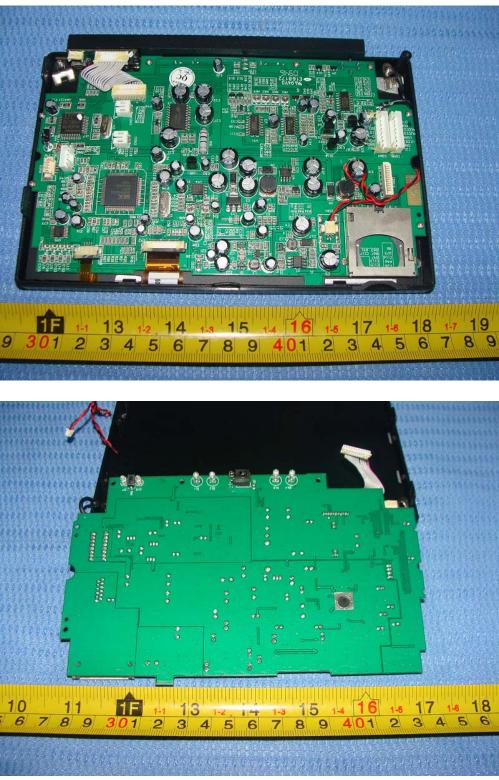


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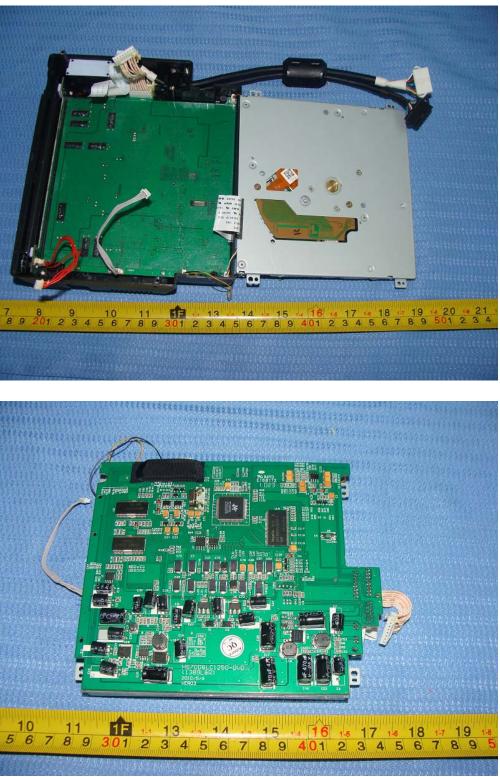


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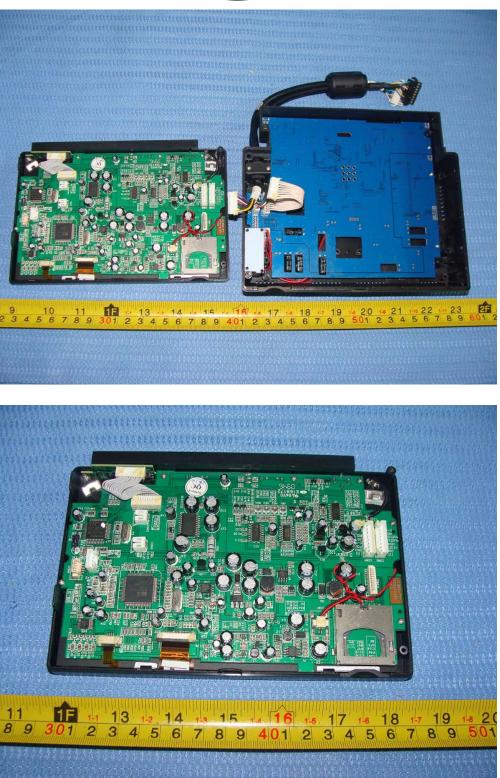
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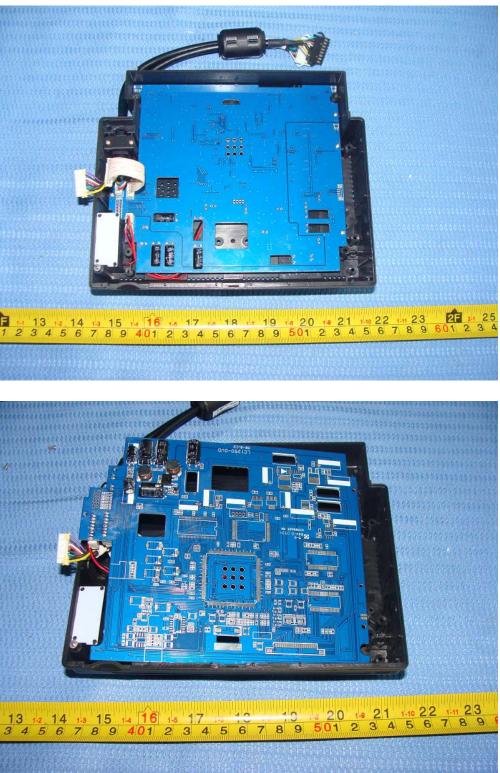




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End of the report

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