





Report No: File reference No	FCC 1006391 : 2010-07-08					
Applicant:	pplicant: PDi Communication Systems. Inc					
Product:	Hospital Grade LCD TV Receiver					
Brand Name:	PDI					
Model No:	CV26					
Test Standards:	FCC Part 15 Subpart B: 2008					
Test result:	It is herewith confirmed and found to comply with the requirements set up by ANSI C63.4&FCC Part 15 regulations for the evaluation of electromagnetic compatibility					
Approved By						
Terry Tong						
Manager						
Dated:	July 08, 2010					
	ng herein relate only to the sample tested eports is issued errors and omissions exempt and is subject to					

SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

East 5/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 meet 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 17025:2005 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 IC No.: 5205A-01.

VCCI- Registration No.: R-3015 and C-3332

The EMC Laboratory has been registered and fully described in a report filed with the (VCCI) Voluntary Control Council for Interference. The acceptance letter from the VCCI is maintained in our files. Registration IC No.: R-3015 and C-3332

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Test Report Conclusion



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1.0 **General Details**

1.1

Test Lab Details Name : SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD Address: East 5/Block 4, Anhua Industrial Zone, No.8, Tairan Rd. CheGongMiao, FuTian District, Shenzhen, CHINA. Telephone: (755) 83448688 (755) 83442996 Fax:

1.2 Applicant Details

PDi Communication Systems. Inc
40 Greenwood Lane, Springboro, OH 45066
937-743-6010
937-743-5664

Description of EUT 1.3

-	
Product:	Hospital Grade LCD TV Receiver
Manufacturer:	WANLIDA GROUP CO., LTD.
Address:	WANLIDA INDUSTRY ZONE, NANJING , FUJIAN, CHINA.363601
Brand Name:	PDI
Model Number:	CV26
Additional Model N	umber:
Rating: Input: 10	0-240V~ 50/60Hz 72W
Remark:	

- Submitted Sample: 1 Sample 1.4
- 1.5 Test Duration 2010-06-28 to 2010-07-08
- 1.6 Test Uncertainty Conducted Emissions Uncertainty =3.6dB Radiated Emissions Uncertainty =4.7dB
- Test Engineer 1.7

Brown Lu

The sample tested by

Print Name: Brown Lu

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List of Measurement Equipment 2.0

2.1 Conducted Emission Test

				Calibration	Calibration
Name	Model No.	Serial No.	Manufacturer	Date	Cycle
EMI Test Receiver	ESH3	860905/006	RS	2010.4.26	1Year
Spectrum Analyzer	ESA-L1500A	US37451154	HP	2010.4.26	1Year
PULSE LIMITER	ESH3-Z2	100281	RS	2010.4.26	1Year
LISN	ESH3-Z5	100294	RS	2010.4.26	1Year
LISN	ESH3-Z5	100253	RS	2010.4.26	1Year
LISN	LS16C	10010947251	AFJ	2010-5-14	1Year
LISN (Three Phase)	NSLK 8126	8126453	Schwarebeck	2010-5-14	1Year

2.2 Radiated electromagnetic disturbance test

				Calibration	Calibration
Name	Model No.	Serial No.	Manufacturer	Date	Cycle
EMI Test Receiver	ESVD	100008	RS	2010.4.26	1Year
Coaxial Switch	MP59B	M70585	ANRITSU	N/A	N/A
Spectrum Analyzer	8595E	3441A00893	HP	2010.4.26	1Year
Amplifier	8447D	2727A05017	HP	2010.4.26	1Year
Bilog Antenna	VULB9163	9163/340	Schwarebeck	2010.4.26	1Year
Horn Antenna	BBHA9120D	1201	Schwarebeck	2010-5-14	1Year

2.3 Auxiliary Equipment

Name	Model No.	Serial No.	Manufacturer	Calibration	Calibration	FCCID/
				Date	Cycle	DOC
PC	R400		IBM			FCC ID
Keyboard	KB-0225		IBM			DOC
Mouse	M-F105		L.SEletron			DOC

2.4 I/O Cable

Cable No.	Port	Connector Type	Cable Type	Cable Length
1	VGA	VGA	Unshielded	1.5
2	AC	IEC	Unshielded	1.5
3	AC	IEC	Unshielded	2.0

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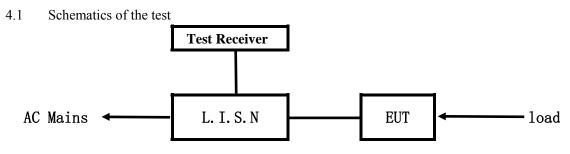
3.0 **Technical Details**

- 3.1 Investigations Requested Perform Electromagnetic Interference [EMI] tests for FCC Requirement.
- 3.2 Test Standards FCC Part 15 Subpart B: 2008

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4.0 Conducted Power line Test

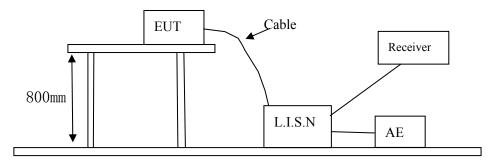


EUT: Equipment Under Test

4.2 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 50ohm/50uH as specified by section 5.1 of ANSI C63.4 –2003.Cables and peripherals were moved to find the maximum emission levels for each frequency. Test Voltage: 120V~, 60Hz

Block diagram of Test setup



4.3 Power line conducted Emission Limit

Eraguanay (MIIz)	Class A Limits dB(µV)		Class B Limits dB(µV)		
Frequency(MHz)	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level	
$0.15 \sim 0.50$	79.00	66.00	66.00~56.00*	56.00~46.00*	
$0.50~\sim~5.00$	73.00	60.00	56.00	46.00	
$5.00 \sim 30.00$	73.00	60.00	60.00	50.00	

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

2. The tighter limit shall apply at the transition frequencies

4.4 Test Results

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

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A: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

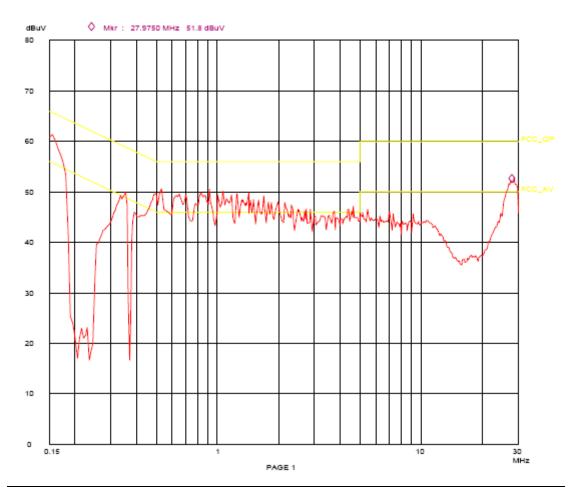
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV54.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Lina	Line Reading(dBµV)		Limit(dBµV)	
(MHz)	LIIIC	Quasi-peak	Average	Quasi-peak	Average
0.155	Live	60.1	46.4	65.7	55.7
0.530	Live	47.7	34.1	56.0	46.0
0.915	Live	48.0	35.6	56.0	46.0
27.975	Live	45.5	36.3	60.0	50.0

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B: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

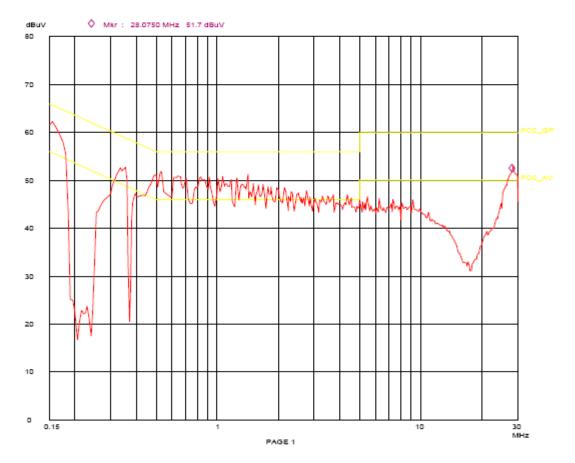
Temperature: 25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV54.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Lina	Line Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Neutral	60.9	48.8	65.7	55.7
0.355	Neutral	51.4	34.3	58.8	48.8
1.420	Neutral	47.9	33.7	56.0	46.0
28.380	Neutral	45.3	36.1	60.0	50.0

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C: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

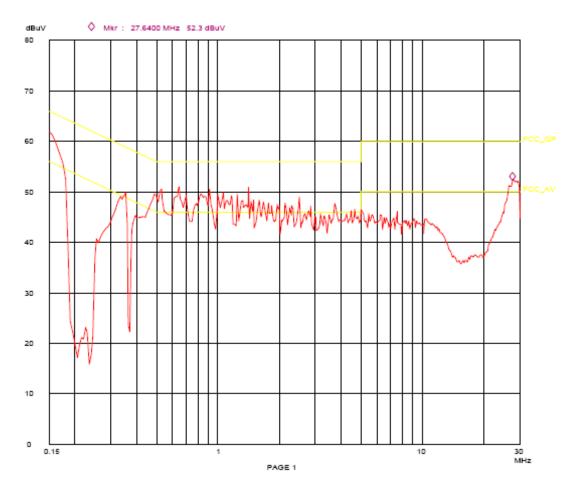
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV198.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Line Reading(dBµV)		Limit(dBµV)	
(MHz)		Quasi-peak	Average	Quasi-peak	Average
0.150	Live	60.3	43.6	66.0	56.0
0.530	Live	48.7	33.8	56.0	46.0
0.910	Live	47.9	33.9	56.0	46.0
27.795	Live	45.8	36.1	60.0	50.0

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D: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

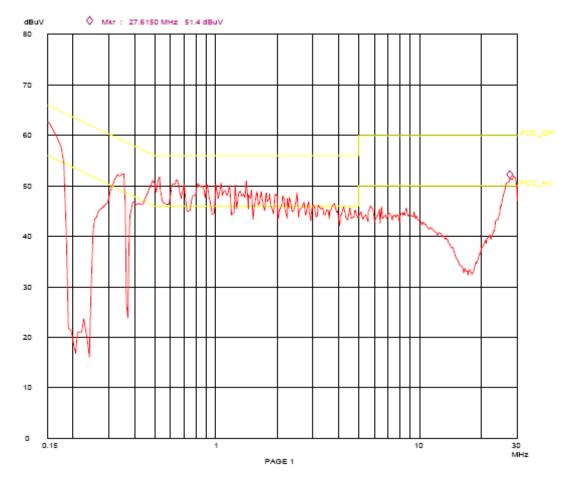
Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV198.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)	Limit(dBµV)
(MHz)	LIIIC	Quasi-peak	Average	Quasi-peak	Average
0.150	Neutral	61.1	46.4	66.0	56.0
0.355	Neutral	51.3	33.6	58.8	48.8
1.415	Neutral	47.6	34.2	56.0	46.0
27.615	Neutral	45.5	36.1	60.0	50.0

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E: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

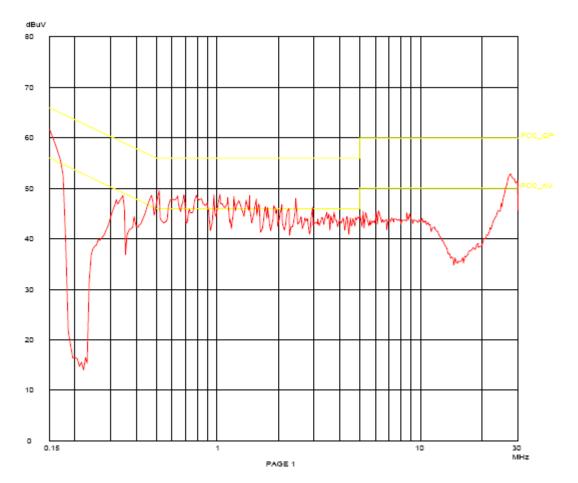
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV554.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.150	Live	60.9	45.4	66.0	56.0
0.340	Live	45.9	36.2	59.1	49.1
0.520	Live	44.7	34.1	56.0	46.0
1.030	Live	41.2	35.7	56.0	46.0
27.560	Live	45.6	36.6	60.0	50.0

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F: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

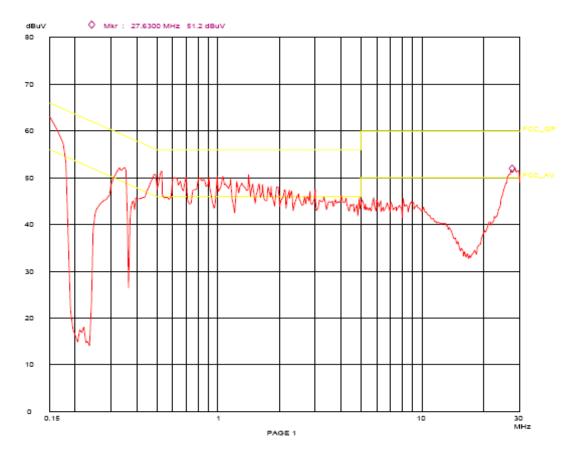
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV554.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	uency Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.150	Neutral	61.8	47.3	66.0	56.0
0.530	Neutral	49.9	33.5	56.0	46.0
1.415	Neutral	48.6	32.9	56.0	46.0
27.630	Neutral	43.7	36.2	60.0	50.0

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G: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

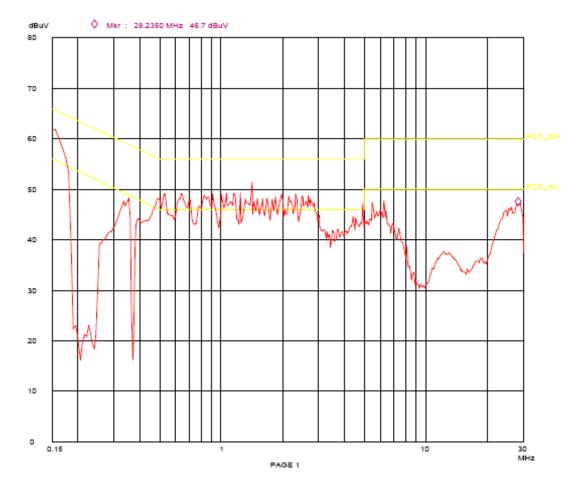
Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV61.25 MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	cy Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	LIIIC	Quasi-peak	Average	Quasi-peak	Average
0.150	Live	60.4	47.1	66.0	56.0
0.520	Live	46.6	33.5	56.0	46.0
1.430	Live	47.7	35.6	56.0	46.0
27.562	Live	45.3	36.8	60.0	50.0

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H: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

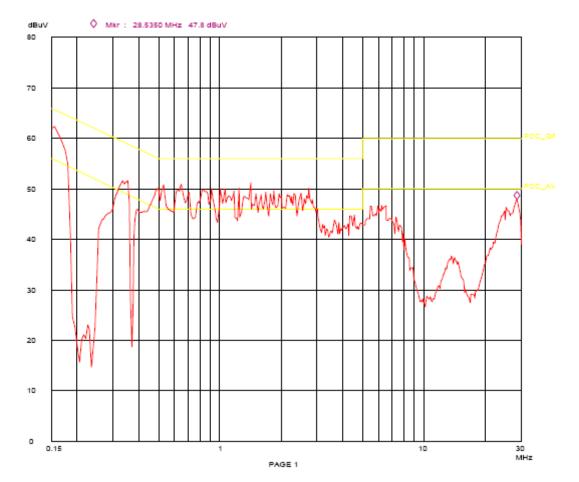
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV61.25 MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Frequency Line Reading(dB		dBµV)	Limit(dBµV)
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average	
0.150	Neutral	61.2	48.7	66.0	56.0	
0.355	Neutral	50.6	34.5	58.8	48.8	
1.420	Neutral	48.6	36.6	56.0	46.0	
6.220	Neutral	44.7	33.5	60.0	50.0	

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I: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

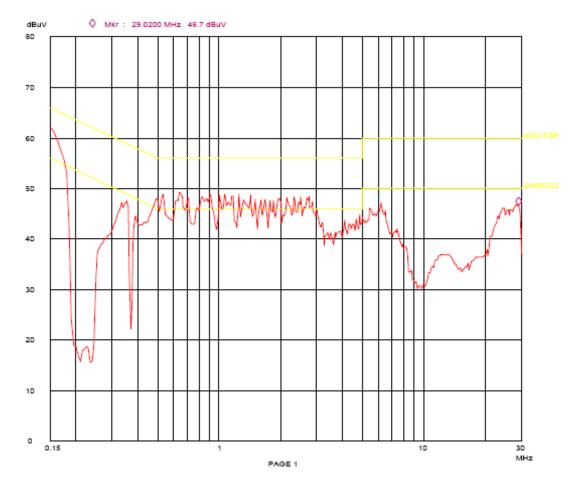
Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV633.25 MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Frequency Line R		dBµV)	Limit(dBµV)
(MHz)	LIIIC	Quasi-peak	Average	Quasi-peak	Average	
0.150	Live	60.2	43.2	66.0	56.0	
0.535	Live	49.4	32.1	56.0	46.0	
1.650	Live	44.6	33.7	56.0	46.0	
6.310	Live	40.8	31.6	60.0	50.0	

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J: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

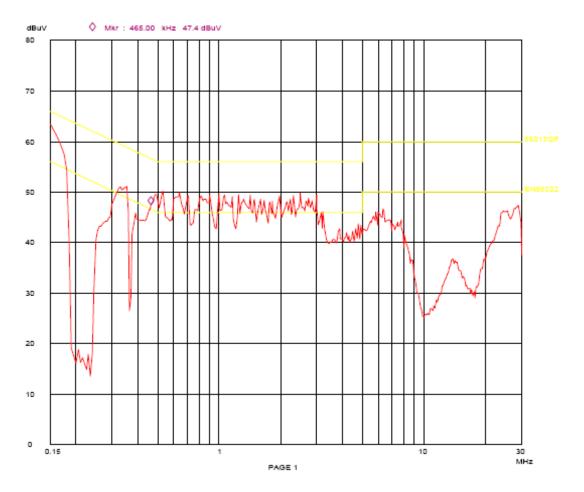
Temperature: 25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV633.25 MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	ency Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.150	Neutral	62.0	46.7	66.0	56.0
0.335	Neutral	49.9	35.3	59.3	49.3
0.530	Neutral	46.8	34.5	56.0	46.0
28.865	Neutral	42.5	33.1	60.0	50.0

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K: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

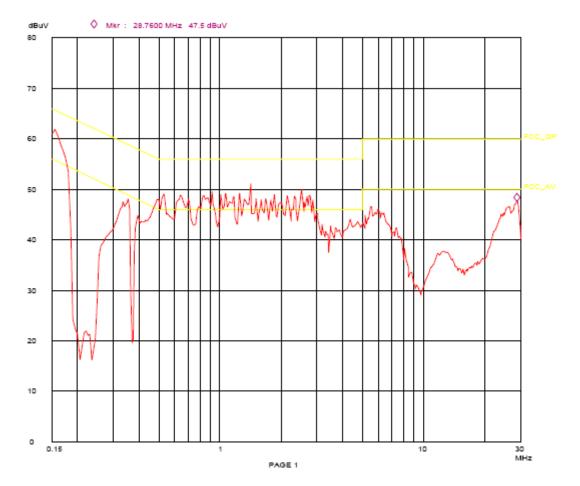
Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV795.25 MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	ency Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.150	Live	60.5	46.8	66.0	56.0
0.530	Live	46.7	34.5	56.0	46.0
1.450	Live	46.9	33.2	56.0	46.0
28.760	Live	44.5	32.9	60.0	50.0

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L: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

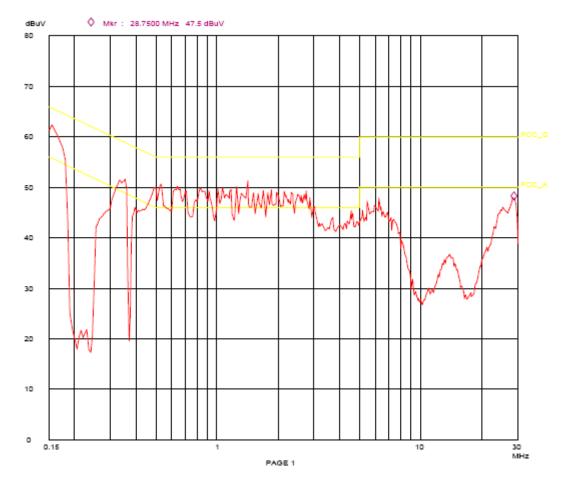
Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV795.25 MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.150	Neutral	61.1	48.6	66.0	56.0
0.355	Neutral	50.3	35.2	58.8	48.8
1.420	Neutral	47.5	34.1	56.0	46.0
28.750	Neutral	44.3	32.5	60.0	50.0

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M: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

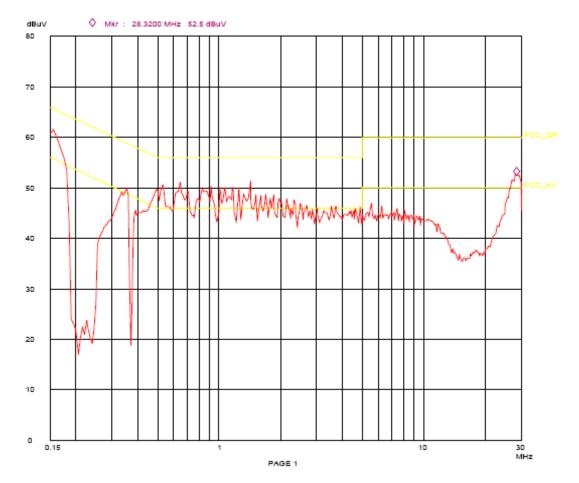
Atmospheric Pressure: 101 KPa

EUT set Condition: AV-IN

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Frequency Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Live	60.2	46.4	65.7	55.7
0.530	Live	47.3	33.5	56.0	46.0
1.425	Live	47.6	34.3	56.0	46.0
28.320	Live	45.6	36.7	60.0	50.0

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N: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

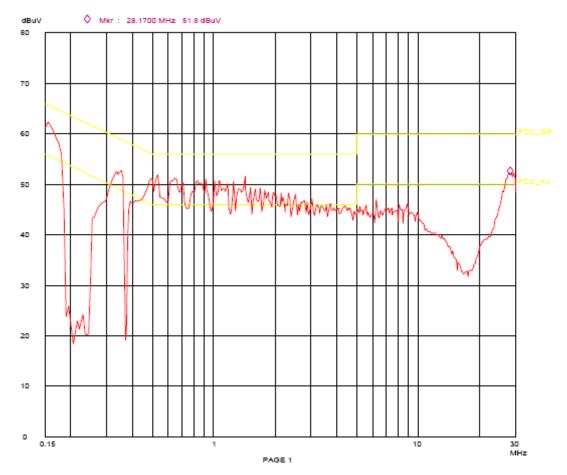
Atmospheric Pressure: 101 KPa

EUT set Condition: AV-IN

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)	Limit(e	dBµV)
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Neutral	61.1	48.7	65.7	55.7
0.355	Neutral	51.2	36.4	56.0	46.0
0.915	Neutral	48.7	35.5	56.0	46.0
1.250	Neutral	48.4	35.9	56.0	46.0

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O: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25 °C Humidity: 75%RH

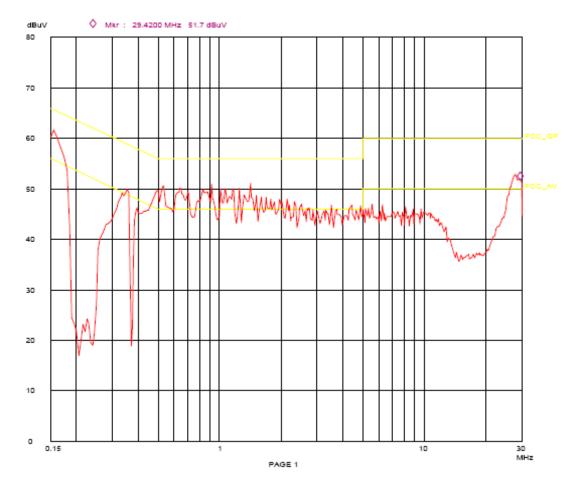
Atmospheric Pressure: 101 KPa

EUT set Condition: HDMI 1

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)	Limit(dBµV)
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Live	60.3	46.5	65.7	55.7
0.915	Live	48.1	33.9	56.0	46.0
1.250	Live	48.2	32.1	56.0	46.0
27.610	Live	45.7	36.8	60.0	50.0

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P: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25 °C Humidity: 75%RH

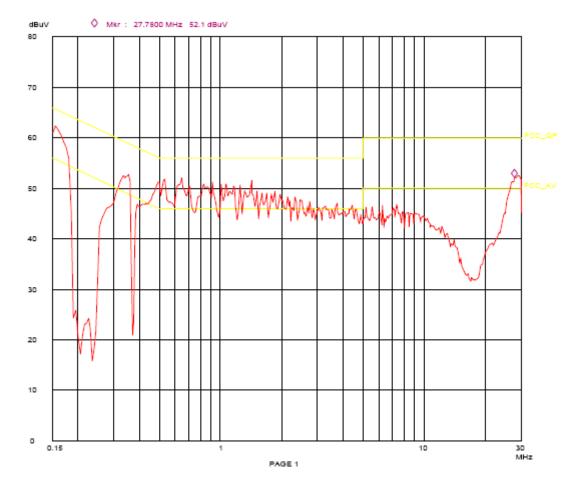
Atmospheric Pressure: 101 KPa

EUT set Condition: HDMI 1

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Neutral	61.1	48.8	65.7	55.7
0.355	Neutral	51.1	35.6	58.8	48.8
1.070	Neutral	47.9	36.2	56.0	46.0
29.275	Neutral	46.4	35.7	60.0	50.0

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Q: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25℃ Humidity: 75%RH

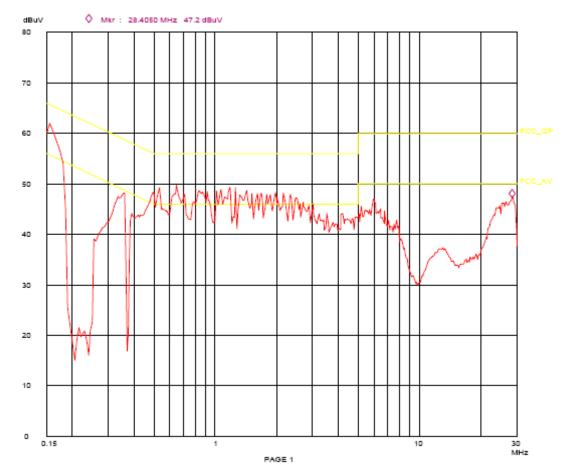
Atmospheric Pressure: 101 KPa

EUT set Condition: Input FM88.1MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Live	60.7	46.8	65.7	55.7
0.535	Live	46.9	32.9	56.0	46.0
1.430	Live	46.3	34.5	56.0	46.0
28.575	Live	44.1	36.3	60.0	50.0

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R: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

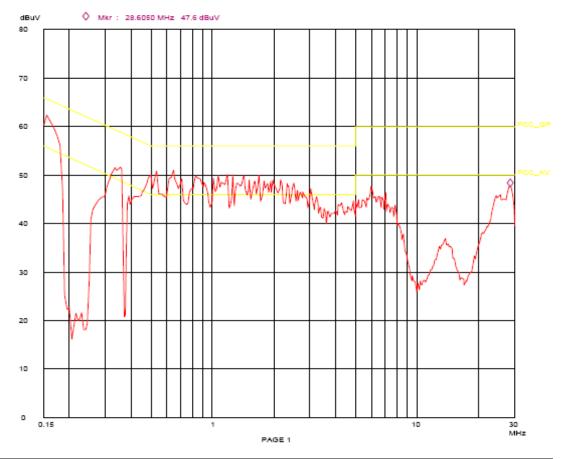
Atmospheric Pressure: 101 KPa

EUT set Condition: Input FM88.1MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Neutral	61.3	48.4	65.7	55.7
0.535	Neutral	48.7	33.9	56.0	46.0
1.185	Neutral	46.5	32.5	56.0	46.0
28.605	Neutral	44.3	36.1	60.0	50.0

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S: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

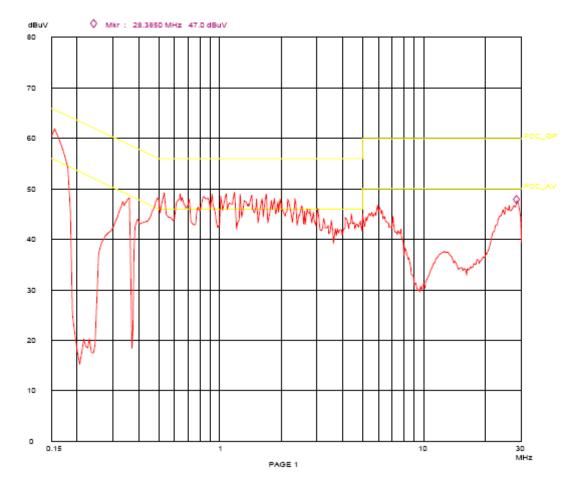
Atmospheric Pressure: 101 KPa

EUT set Condition: Input FM98.1MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Live	60.6	46.7	65.7	55.7
0.535	Live	46.7	36.5	56.0	46.0
0.915	Live	45.8	33.4	56.0	46.0
28.385	Live	43.3	32.7	60.0	50.0

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T: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

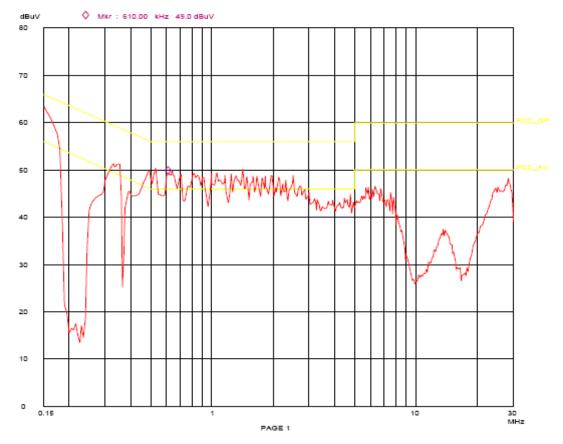
Atmospheric Pressure: 101 KPa

EUT set Condition: Input FM98.1MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.150	Neutral	59.8	43.6	66.0	56.0
0.350	Neutral	49.4	35.2	59.0	49.0
0.640	Neutral	46.5	34.3	56.0	46.0
28.410	Neutral	43.5	34.8	60.0	50.0

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U: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

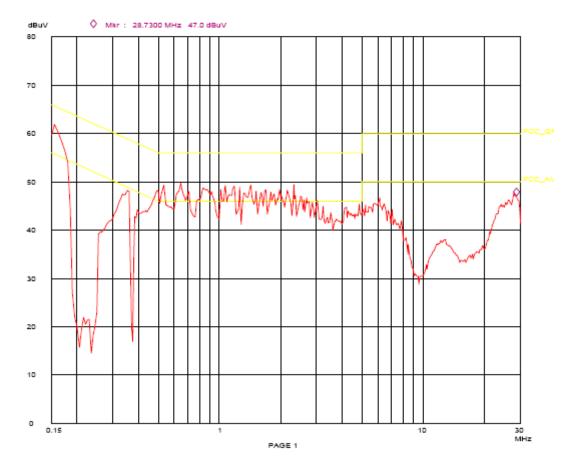
Atmospheric Pressure: 101 KPa

EUT set Condition: Input FM107.9 MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Live	60.7	46.6	65.7	55.7
0.535	Live	47.5	33.4	56.0	46.0
0.840	Live	45.7	34.8	56.0	46.0
28.285	Live	43.4	33.5	60.0	50.0

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V: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

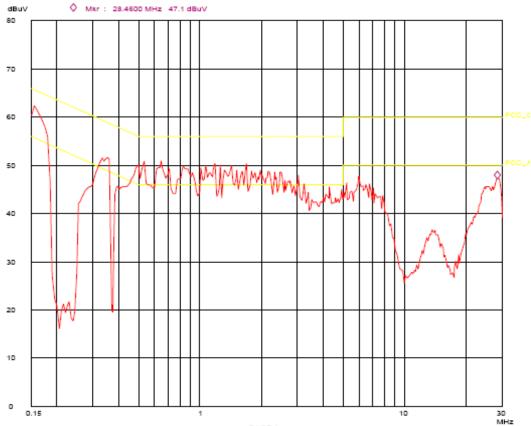
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input FM107.9 MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



PAGE 1

Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Neutral	61.4	48.4	65.7	55.7
0.360	Neutral	49.7	37.6	58.7	48.7
1.685	Neutral	47.1	35.3	56.0	46.0
28.460	Neutral	43.2	35.2	60.0	50.0

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W: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

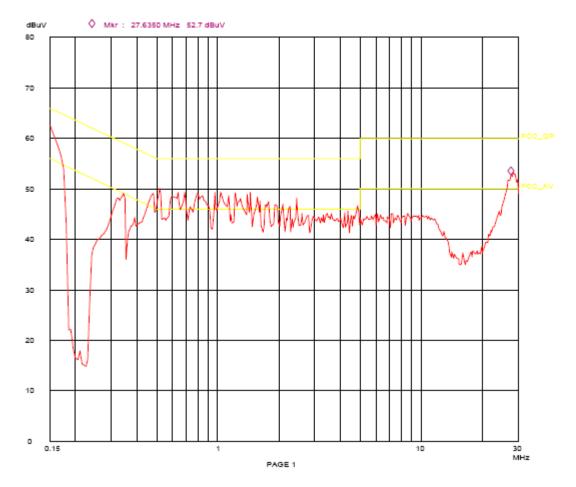
Atmospheric Pressure: 101 KPa

EUT set Condition: HDMI 2

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.150	Live	61.3	46.7	66.0	56.0
0.520	Live	45.2	35.6	56.0	46.0
1.035	Live	43.6	33.4	56.0	46.0
27.635	Live	45.8	36.3	60.0	50.0

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X: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

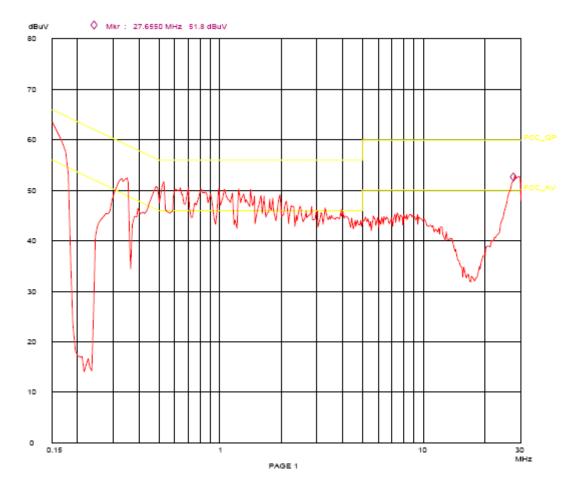
Atmospheric Pressure: 101 KPa

EUT set Condition: HDMI 2

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.150	Neutral	62.5	48.3	66.0	56.0
0.530	Neutral	49.4	35.6	56.0	46.0
1.415	Neutral	45.2	33.2	56.0	46.0
28.070	Neutral	44.6	36.7	60.0	50.0

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Y: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

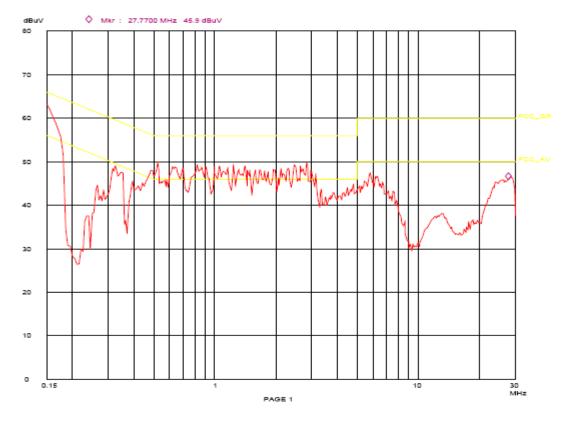
Atmospheric Pressure: 101 KPa

EUT set Condition: VGA (Connected to PC)

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.150	Live	61.7	46.2	66.0	56.0
0.530	Live	46.8	35.4	56.0	46.0
2.825	Live	45.3	32.8	56.0	46.0
28.670	Live	43.9	32.4	60.0	50.0

NOTE: Set the resolution of 1366 * 768, and display full screen "H" rolling pattern.

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Z: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

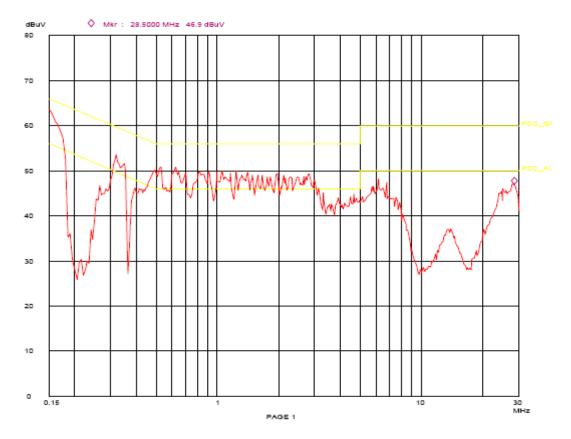
Atmospheric Pressure: 101 KPa

EUT set Condition: VGA (Connected to PC)

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

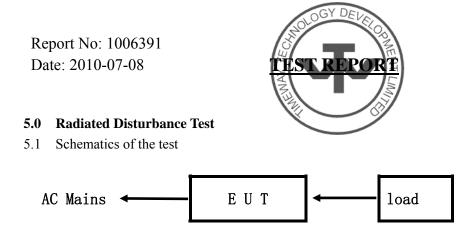


Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.150	Neutral	61.9	47.4	66.0	56.0
0.525	Neutral	48.1	35.8	56.0	46.0
1.235	Neutral	48.2	35.3	56.0	46.0
27.910	Neutral	44.7	36.7	60.0	50.0

NOTE: Set the resolution of 1366 * 768, and display full screen "H" rolling pattern.

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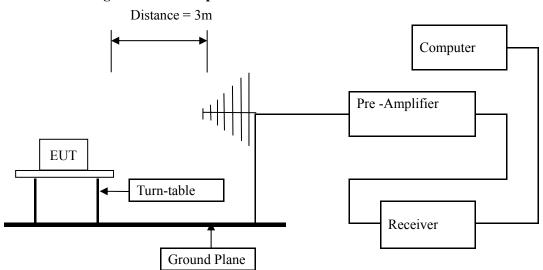
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5.2 Test Method and test Procedure:

The EUT was tested according to ANSI C63.4 –2003, The frequency spectrum from 30MHz to 1GHz was investigated. All reading from 30MHz to 1GHz are quasi-peak 0values with a resolution bandwidth of 120KHz. All readings are above 1GHz, peak values with a resolution bandwidth of 1MHz. Measurements were made at 3 meters.

Test Voltage: 120V~, 60Hz

Block diagram of Test setup



5.3 Radiated Emission Limit

Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
30-88	3	40.00
88-216	3	43.50
216-960	3	46.00
Above 960	3	54.00

Note: The lower limit shall apply at the transition frequencies

5.4 Test result

The frequency spectrum from 30MHz to 5GHz was investigated. All reading from 30MHz to 1GHz are quasi-peak values with a resolution bandwidth of 120kHz. All readings are above 1GHz, peak values with a resolution bandwidth of 1MHz. Measurements were made at 3 meters. For the radiated emission from 2GHz-5GHz, the final measurement emission level is less than the limit for 20dB.

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A: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature: 25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV-54.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
37.275	29.05	Н	40.00
219.150	28.10	Н	46.00
257.950	33.56	Н	46.00
354.950	28.09	Н	46.00
502.875	28.64	Н	46.00
565.925	27.83	Н	46.00

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Report No: 1006391 Date: 2010-07-08 Radiated Disturbance (1000MHz----2000MHz) **EUT Operating Environment** Humidity: 75%RH Temperature:25℃ Atmospheric Pressure: 101 KPa EUT set Condition: Input DTV-54.31MHz TV Signal **Equipment Level: Class B Results: Pass** Please refer to following diagram for individual 80.0 dBuV/m QP: Margin: 40 0.0

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	45.08 (PK)	Н	54.00 (AV)

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1000.000 (MHz) 2000.000



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B: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

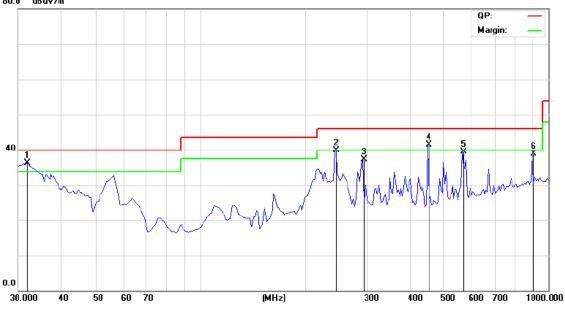
EUT set Condition: Input DTV-54.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBu∀/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
31.898	36.31	V	40.00
245.825	39.98	V	46.00
294.325	37.24	V	46.00
451.950	41.41	V	46.00
565.925	39.60	V	46.00
903.000	38.93	V	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV-54.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	43.94 (PK)	V	54.00 (AV)

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C: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature: 25℃

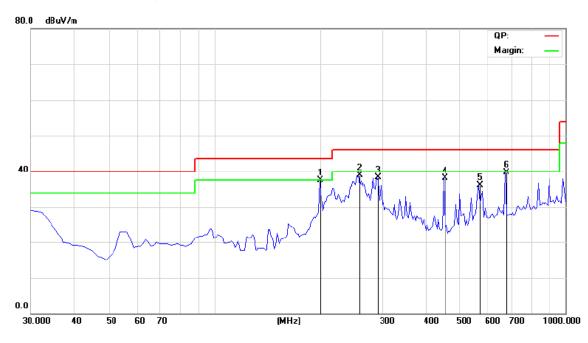
Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV-198.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
199.750	37.46	Н	43.50
257.950	38.99	Н	46.00
291.900	38.33	Н	46.00
451.950	38.09	Н	46.00
565.925	36.11	Н	46.00
677.475	39.70	Н	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25°C

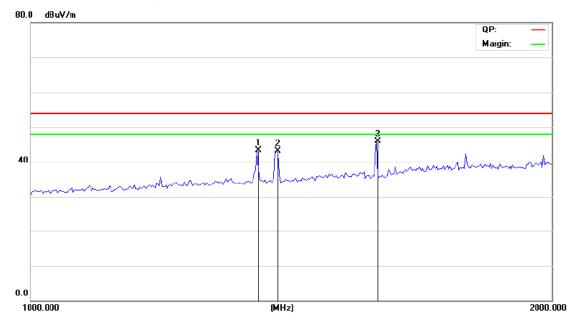
Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV-198.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	43.33 (PK)	Н	54.00 (AV)
1387.512	43.13 (PK)	Н	54.00 (AV)
1587.500	45.98 (PK)	Н	54.00 (AV)

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D: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

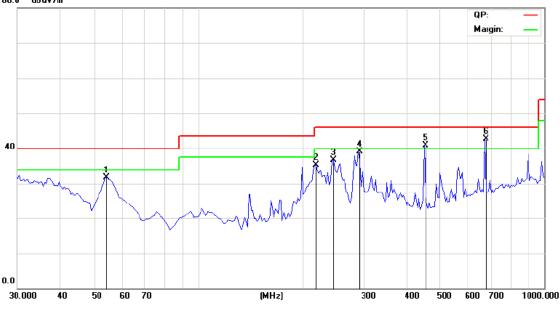
EUT set Condition: Input DTV-198.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
54.250	31.72	V	40.00
219.150	35.36	V	46.00
245.825	36.71	V	46.00
291.900	39.17	V	46.00
451.950	40.82	V	46.00
677.475	42.74	V	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25°C

Humidity: 75%RH Atmospheric Pressure: 101 KPa

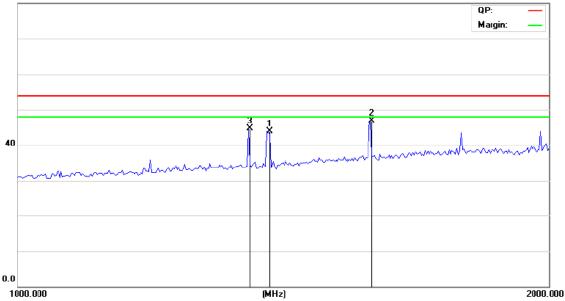
EUT set Condition: Input DTV-198.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1387.512	44.00 (PK)	V	54.00 (AV)
1587.500	46.98 (PK)	V	54.00 (AV)
1352.500	44.64 (PK)	V	54.00 (AV)

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E: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature: 25°C

Humidity: 75%RH Atmospheric Pressure: 101 KPa

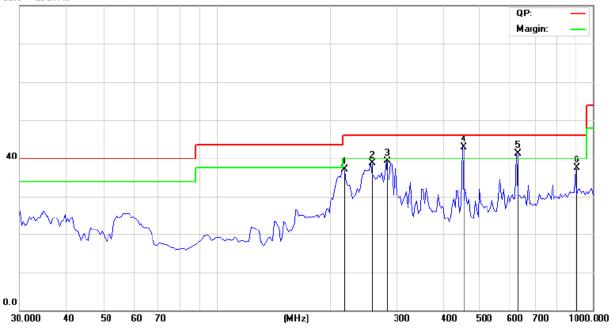
EUT set Condition: Input DTV-554.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
219.150	37.15	Н	46.00
257.950	38.68	Н	46.00
284.625	39.40	Н	46.00
451.950	42.92	Н	46.00
631.400	41.38	Н	46.00
900.575	37.53	Н	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

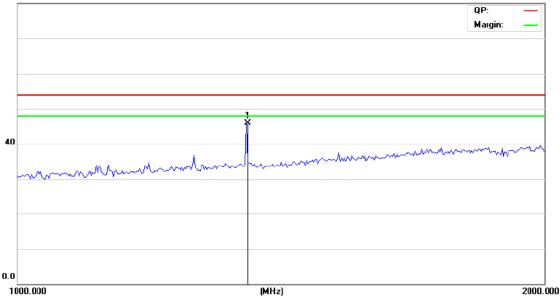
EUT set Condition: Input DTV-554.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	45.82 (PK)	Н	54.00 (AV)

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F: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25°C

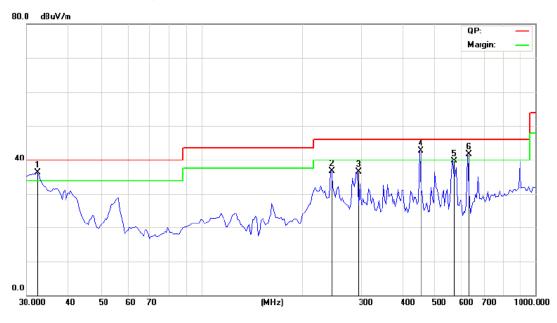
Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV-554.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	36.31	V	40.00
245.825	36.68	V	46.00
294.325	36.46	V	46.00
451.950	42.64	V	46.00
565.925	39.66	V	46.00
631.400	41.75	V	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV-554.31MHz TV Signal

Equipment Level: Class B

Results: Pass

80.0 dBuV/m

Please refer to following diagram for individual

	Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
	1352.500	46.84 (PK)	V	54.00 (AV)
ſ	1892.500	43.77 (PK)	V	54.00 (AV)

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Atmospheric Pressure: 101 KPa

Radiated Disturbance (30MHz----1000MHz) G:

EUT Operating Environment

Temperature: 25℃ Humidity: 75%RH

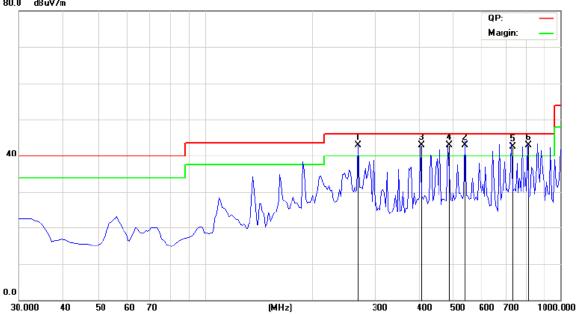
EUT set Condition: HDMI 1

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual





Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
269.989	42.85	Н	46.00
539.985	42.85	Н	46.00
405.875	42.94	Н	46.00
483.475	42.86	Н	46.00
730.825	42.55	Н	46.00
810.850	42.82	Н	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

Atmospheric Pressure: 101 KPa

EUT set Condition: HDMI 1

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1217.500	48.34(PK)	Н	54.00(AV)
1272.500	48.82(PK)	Н	54.00(AV)
1352.500	47.20(PK)	Н	54.00(AV)
1460.000	44.80(PK)	Н	54.00(AV)
1782.500	48.37(PK)	Н	54.00(AV)
1950.000	47.45(PK)	Н	54.00(AV)

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Atmospheric Pressure: 101 KPa

H: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

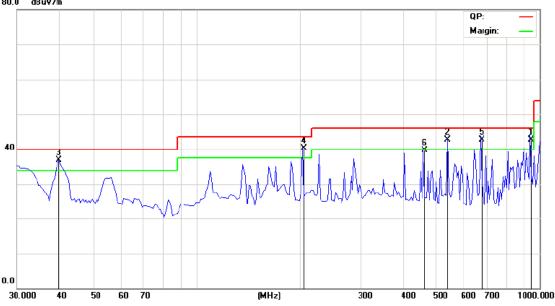
EUT set Condition: HDMI 1

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
944.981	42.67	V	46.00
539.978	42.70	V	46.00
39.714	36.91	V	40.00
204.600	40.27	V	43.50
677.475	42.75	V	46.00
461.650	39.61	V	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

Atmospheric Pressure: 101 KPa

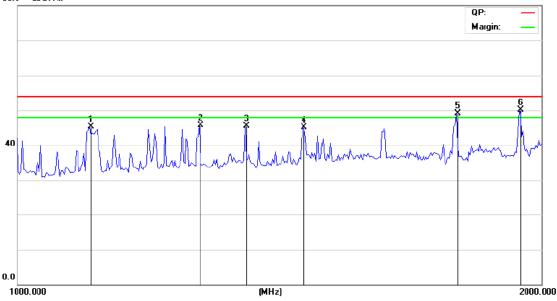
EUT set Condition: HDMI 1

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1100.000	45.34 (PK)	V	54.00 (AV)
1272.500	45.80 (PK)	V	54.00 (AV)
1352.500	45.47 (PK)	V	54.00 (AV)
1460.000	45.20 (PK)	V	54.00 (AV)
1787.500	49.18 (PK)	V	54.00 (AV)
1945.000	50.04 (PK)	V	54.00 (AV)

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I: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

Atmospheric Pressure: 101 KPa

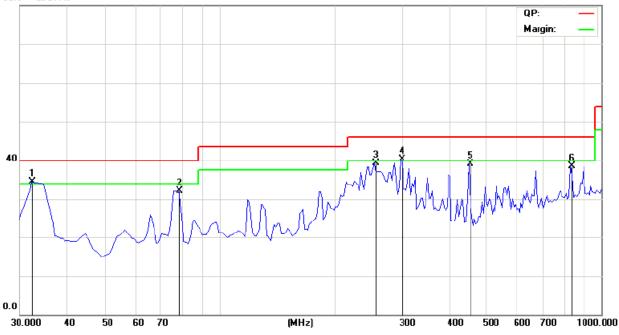
EUT set Condition: VGA (Connected to PC)

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



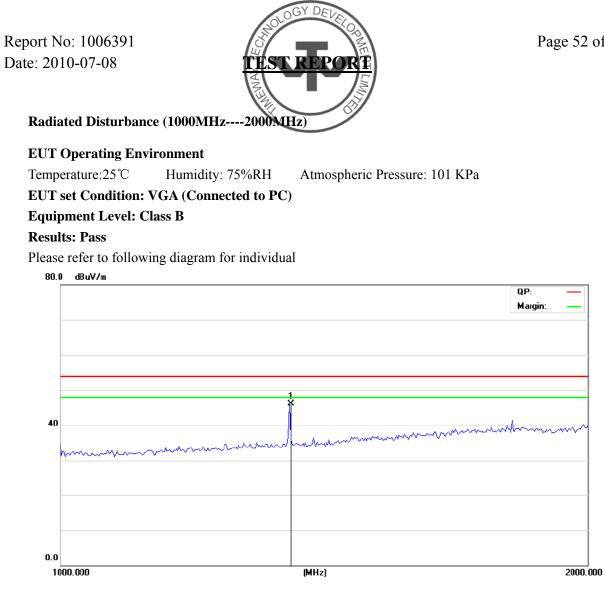
Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	34.45	Н	40.00
78.500	32.20	Н	40.00
255.525	39.36	Н	46.00
299.175	40.23	Н	46.00
451.950	39.10	Н	46.00
837.525	38.48	Н	46.00

NOTE: Set the resolution of 1366 * 768, and display full screen "H" rolling pattern.

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Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	46.16 (PK)	Н	54.00 (AV)

NOTE: Set the resolution of 1366 * 768, and display full screen "H" rolling pattern.

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J: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

Atmospheric Pressure: 101 KPa

EUT set Condition: VGA (Connected to PC)

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	36.21	V	40.00
76.075	31.89	V	40.00
245.825	39.59	V	46.00
289.475	40.84	V	46.00
451.950	40.84	V	46.00
900.575	42.97	V	46.00

NOTE: Set the resolution of 1366 * 768, and display full screen "H" rolling pattern.

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

Atmospheric Pressure: 101 KPa

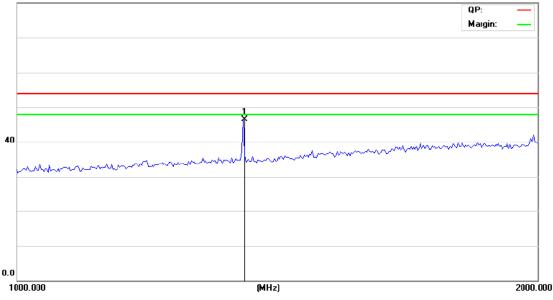
EUT set Condition: VGA (Connected to PC)

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	46.54 (PK)	V	54.00 (AV)

NOTE: Set the resolution of 1366 * 768, and display full screen "H" rolling pattern.

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Atmospheric Pressure: 101 KPa

K: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH

EUT set Condition: AV IN

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
216.725	33.87	Н	46.00
257.950	38.85	Н	46.00
294.325	39.28	Н	46.00
451.950	36.98	Н	46.00
903.000	37.40	Н	46.00

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Atmospheric Pressure: 101 KPa

Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

EUT set Condition: AV IN

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	45.08 (PK)	Н	54.00 (AV)

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Atmospheric Pressure: 101 KPa

L: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

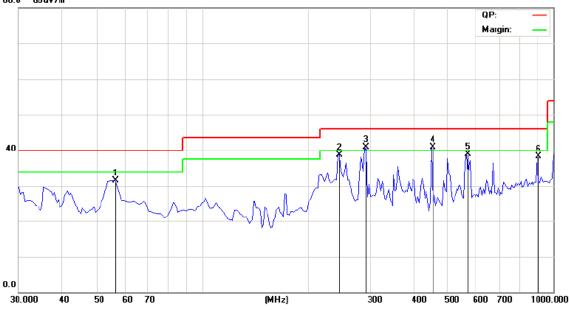
EUT set Condition: AV IN

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
56.675	31.60	V	40.00
245.825	38.73	V	46.00
291.900	40.83	V	46.00
451.950	41.00	V	46.00
565.925	38.99	V	46.00
900.575	38.22	V	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

Atmospheric Pressure: 101 KPa

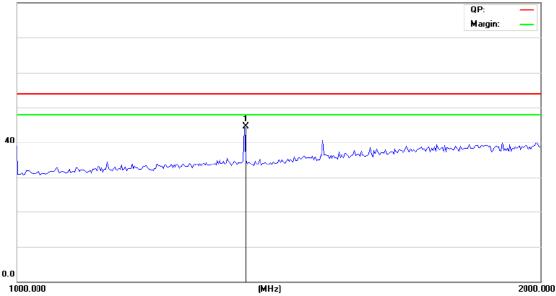
EUT set Condition: AV IN

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	44.53 (PK)	V	54.00 (AV)

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M: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

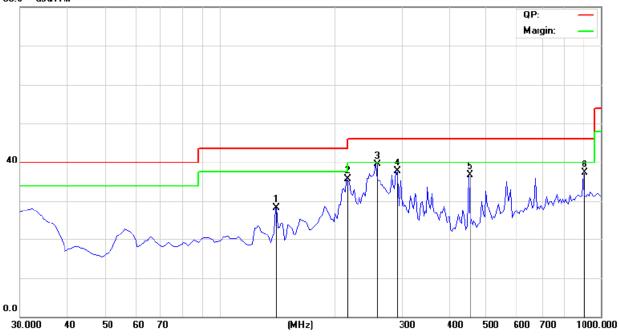
EUT set Condition: Input ATV-61.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
141.550	28.34	Н	43.50
216.725	35.63	Н	46.00
257.950	39.59	Н	46.00
291.900	37.72	Н	46.00
451.950	36.63	Н	46.00
903.000	37.28	Н	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-61.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	45.70 (PK)	Н	54.00 (AV)

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N: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-61.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
56.675	32.51	V	40.00
219.150	33.52	V	46.00
291.900	39.41	V	46.00
257.950	34.86	V	46.00
451.950	38.11	V	46.00
677.475	37.32	V	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-61.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	45.99 (PK)	V	54.00 (AV)

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O: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature: 25°C

Humidity: 75%RH Atmospheric Pressure: 101 KPa

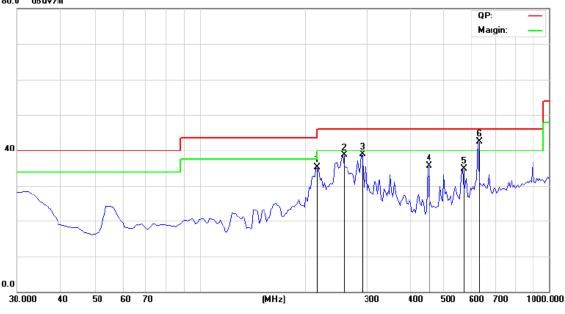
EUT set Condition: Input ATV-663.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
216.725	35.31	Н	46.00
257.950	38.78	Н	46.00
291.900	38.91	Н	46.00
451.950	35.73	Н	46.00
565.925	34.89	Н	46.00
631.400	42.47	Н	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

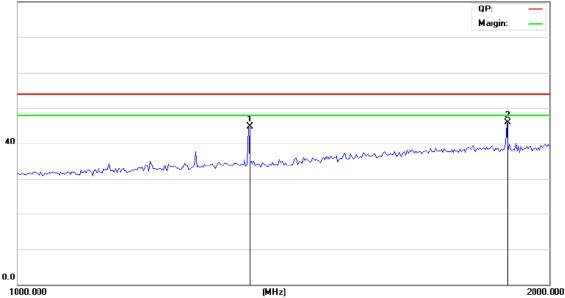
EUT set Condition: Input ATV-663.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	44.78 (PK)	Н	54.00 (AV)
1892.500	45.97 (PK)	Н	54.00 (AV)

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P: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25°C

Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-663.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	36.86	V	40.00
56.675	31.81	V	40.00
257.950	35.17	V	46.00
294.325	39.95	V	46.00
451.950	38.25	V	46.00
631.400	40.76	V	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

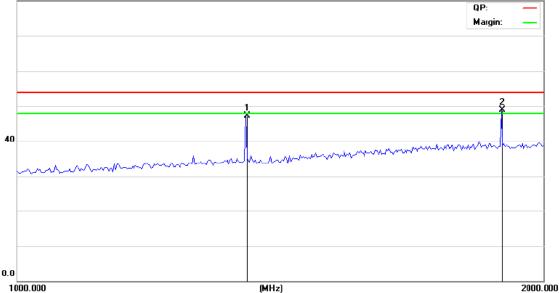
EUT set Condition: Input ATV-663.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual





Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	47.36 (PK)	V	54.00 (AV)
1892.500	48.84 (PK)	V	54.00 (AV)

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Q: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature: 25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

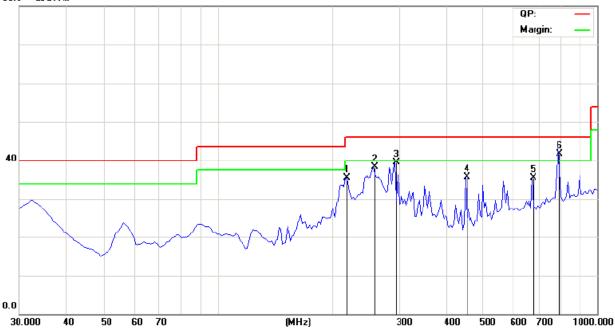
EUT set Condition: Input ATV-795.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
219.150	35.57	Н	46.00
257.950	38.26	Н	46.00
294.325	39.44	Н	46.00
451.950	35.62	Н	46.00
677.475	35.46	Н	46.00
793.875	41.65	Н	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25°C

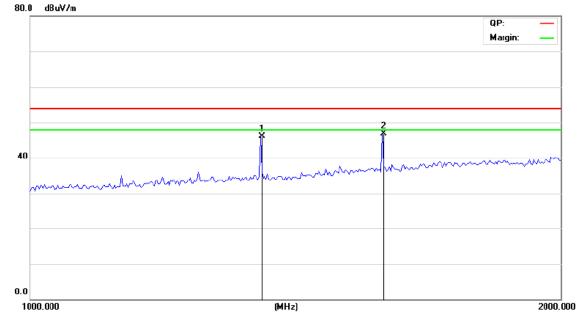
Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-795.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequ	uency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1	352.500	46.18 (PK)	Н	54.00 (AV)
1	587.500	46.93 (PK)	Н	54.00 (AV)

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R: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25°C

Humidity: 75%RH Atmospheric Pressure: 101 KPa

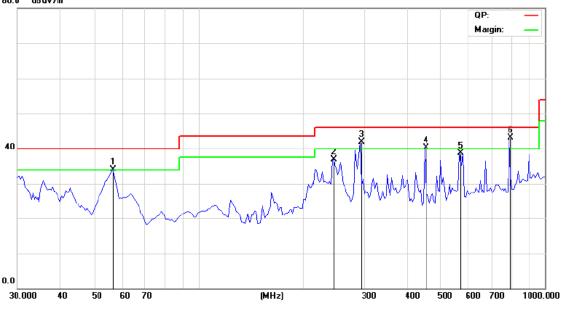
EUT set Condition: Input ATV-795.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
56.675	34.20	V	40.00
245.825	36.99	V	46.00
294.325	41.92	V	46.00
451.950	40.26	V	46.00
565.925	38.69	V	46.00
793.875	43.10	V	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25℃

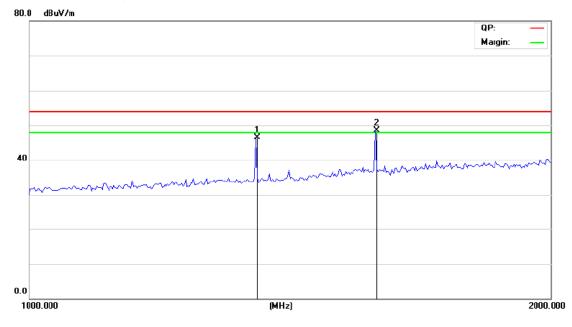
Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-795.25MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	46.57 (PK)	V	54.00 (AV)
1587.500	48.45 (PK)	V	54.00 (AV)

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S: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature: 25°C

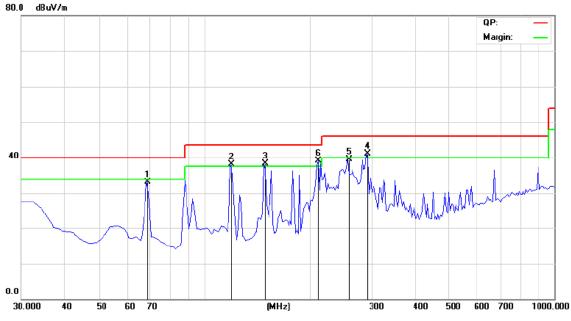
Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input FM88.1MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
68.800	33.15	Н	40.00
119.725	38.01	Н	43.50
148.825	38.37	Н	43.50
291.900	41.09	Н	46.00
257.950	39.50	Н	46.00
211.897	39.04	Н	43.50

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

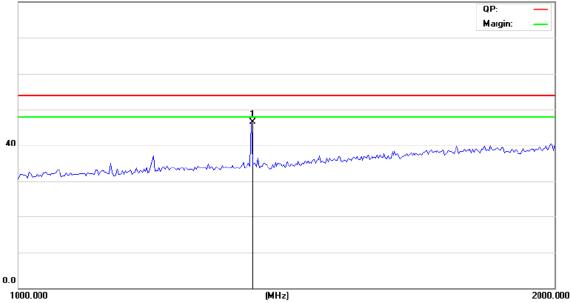
EUT set Condition: Input FM88.1MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBu¥/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	46.45 (PK)	Н	54.00 (AV)

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T: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

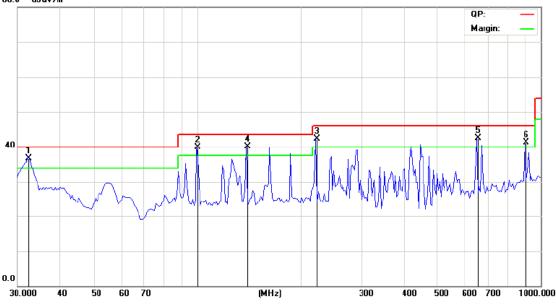
EUT set Condition: Input FM88.1MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual





Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	36.80	V	40.00
100.325	39.87	V	43.50
221.575	42.38	V	46.00
139.125	40.13	V	43.50
655.650	42.48	V	46.00
903.000	41.21	V	46.00

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Report No: 1006391 Date: 2010-07-08 Radiated Disturbance (1000MHz----2000MHz) **EUT Operating Environment** Humidity: 75%RH Temperature:25℃ Atmospheric Pressure: 101 KPa EUT set Condition: Input FM88.1MHz Radio Signal **Equipment Level: Class B Results: Pass** Please refer to following diagram for individual 80.0 dBuV/m QP: Margin: 40 0.0 1000.000 (MHz) 2000.000

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	46.09 (PK)	V	54.00 (AV)

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

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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."



U: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature: 25°C

Humidity: 75%RH Atmospheric Pressure: 101 KPa

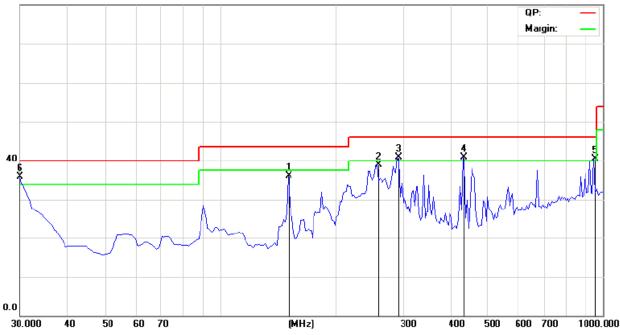
EUT set Condition: Input FM98.1MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
151.250	36.11	Н	43.50
257.950	38.85	Н	46.00
291.900	40.83	Н	46.00
432.550	40.94	Н	46.00
953.925	40.58	Н	46.00
30.00	35.81	Н	40.00

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Report No: 1006391 Date: 2010-07-08 Radiated Disturbance (1000MHz----2000MHz) **EUT Operating Environment** Humidity: 75%RH Temperature:25℃ Atmospheric Pressure: 101 KPa EUT set Condition: Input FM98.1MHz Radio Signal **Equipment Level: Class B Results: Pass** Please refer to following diagram for individual 80.0 dBuV/m QP: Margin: 40 0.0 1000.000 (MHz) 2000.000

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	44.16 (PK)	Н	54.00 (AV)

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V: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

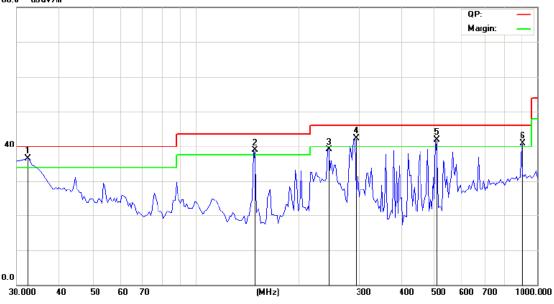
EUT set Condition: Input FM98.1MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	36.60	V	40.00
148.825	38.90	V	43.50
245.825	39.13	V	46.00
294.325	42.34	V	46.00
507.725	41.85	V	46.00
903.000	40.90	V	46.00

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Report No: 1006391 Date: 2010-07-08 Radiated Disturbance (1000MHz----2000MHz) **EUT Operating Environment** Humidity: 75%RH Temperature:25℃ Atmospheric Pressure: 101 KPa EUT set Condition: Input FM98.1MHz Radio Signal **Equipment Level: Class B Results: Pass** Please refer to following diagram for individual 80.0 dBuV/m QP: Margin: 40 0.0 1000.000 (MHz) 2000.000

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.512	45.64 (PK)	V	54.00 (AV)

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W: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature: 25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input FM107.9MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
257.950	38.87	Н	46.00
291.900	40.46	Н	46.00
660.500	40.17	Н	46.00
723.550	38.06	Н	46.00
903.000	36.81	Н	46.00
219.150	34.05	Н	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25℃

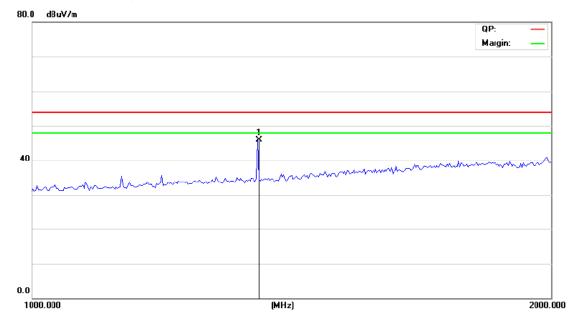
Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input FM107.9MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	45.95 (PK)	Н	54.00 (AV)

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X: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25℃

Humidity: 75%RH Atmospheric Pressure: 101 KPa

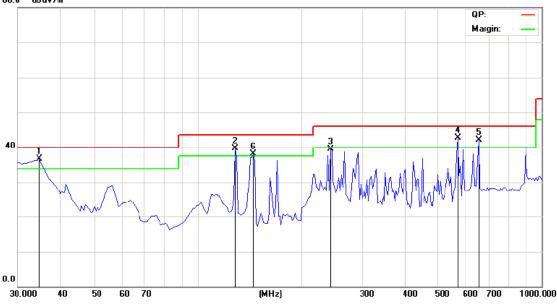
EUT set Condition: Input FM107.9MHz Radio Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
34.821	36.79	V	40.00
128.563	39.64	V	43.50
243.804	39.48	V	46.00
570.610	42.61	V	46.00
656.530	42.02	V	46.00
145.350	38.09	V	43.50

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Report No: 1006391 Date: 2010-07-08 Radiated Disturbance (1000MHz----2000MHz) **EUT Operating Environment** Temperature:25℃ Humidity: 75%RH Atmospheric Pressure: 101 KPa EUT set Condition: Input FM107.9MHz Radio Signal **Equipment Level: Class B Results: Pass** Please refer to following diagram for individual 80.0 dBuV/m QP: Margin: 40 0.0 1000.000 (MHz)

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1352.500	45.36 (PK)	V	54.00 (AV)

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2000.000



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Y: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

EUT set Condition: HDMI 2

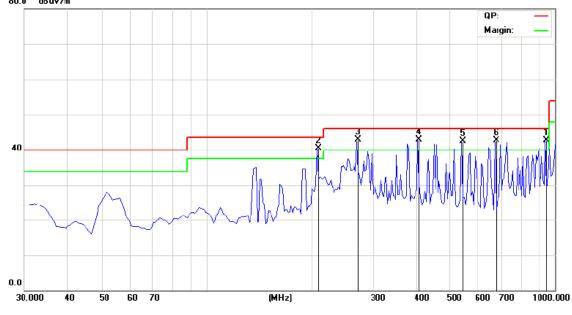
Temperature: 25 °C Humidity: 75%RH

Atmospheric Pressure: 101 KPa

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual 80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
945.007	42.62	Н	46.00
209.450	40.43	Н	43.50
272.500	43.00	Н	46.00
405.875	42.89	Н	46.00
541.675	42.47	Н	46.00
677.475	42.70	Н	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

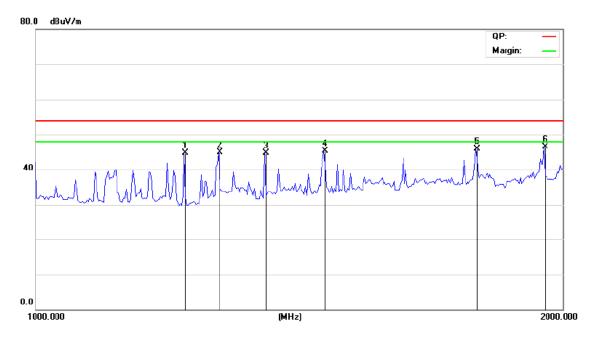
Atmospheric Pressure: 101 KPa

EUT set Condition: HDMI 2

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1217.500	44.75 (PK)	Н	54.00 (AV)
1272.500	45.00 (PK)	Н	54.00 (AV)
1352.500	44.77 (PK)	Н	54.00 (AV)
1462.500	45.24 (PK)	Н	54.00 (AV)
1785.000	45.93 (PK)	Н	54.00 (AV)
1952.500	46.59 (PK)	Н	54.00 (AV)

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Atmospheric Pressure: 101 KPa

Z: Radiated Disturbance (30MHz----1000MHz)

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

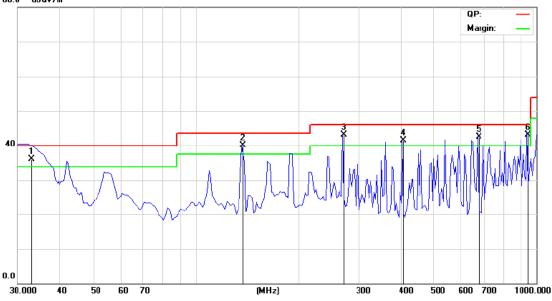
EUT set Condition: HDMI 2

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.946	36.02	V	40.00
136.700	40.17	V	43.50
272.500	43.01	V	46.00
405.875	41.45	V	46.00
677.475	42.55	V	46.00
946.650	43.08	V	46.00

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Radiated Disturbance (1000MHz----2000MHz)

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

Atmospheric Pressure: 101 KPa

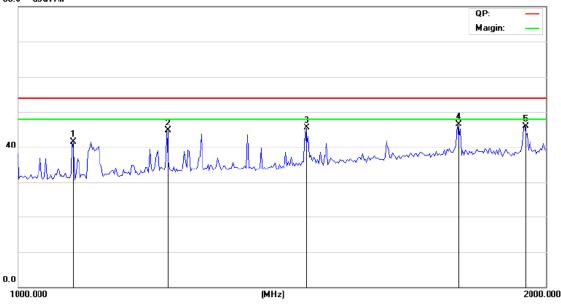
EUT set Condition: HDMI 2

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual

80.0 dBuV/m



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1075.000	41.57	V	54.00
1217.500	44.76	V	54.00
1460.000	45.47	V	54.00
1782.500	46.43	V	54.00
1947.500	45.94	V	54.00

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6.0 Antenna conducted Power

6.1 **Test Method**

1 The EUT was placed on a table, which is 0.8m above ground plane

2 Maximum procedure was performed to ensure EUT compliance

3 A impedance matching pad(750hm/500hm)is used for the test from the tuner to the receiver input port 4 A EMI test receiver(R&S Test Receiver ESCS30) is used to test the emissions from the antenna port

through the impedance matching pad

6.2 Limit

Frequency	Power	Voltage	Detector
MHz	nW	dBµV	
30-5000	2	51.8	PK

Remark: During the Antenna conducted power test, all the channels in TV mode, DTV mode and FM mode are applied, and the results are met the limit of requirement, the test data which listed in the report are the typical Channels of High Middle and Low

Test mode	TV61.25MHz		Frequency Range	30M-1000MHz	
Frequency	Emission level	Reading level	Limit	Margin	
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)	
253.64	38.45	33.27	51.8	13.35	
487.23	36.44	31.45	51.8	15.36	

Test mode	TV633.25MHz		Frequency Range	30M-5000MHz	
Frequency	Emission level	Reading level	Limit	Margin	
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)	
489.67	41.26	36.73	51.8	10.54	
635.28	43.51	38.26	51.8	8.29	
1352.46	40.11	34.57	51.8	11.69	

Test mode	TV795.25MHz		Frequency Range	30M-5000MHz	
Frequency	Emission level	Reading level	Limit	Margin	
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)	
287.92	38.46	33.55	51.8	13.34	
812.26	39.88	33.98	51.8	11.92	

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Test mode	DTV54	4.31MHz	Frequency Range	30M-1000MHz		
Frequency	Emission level	Reading level	Limit	Margin		
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)		
258.46	40.28	35.15	51.8	11.52		
667.85	41.13	35.96	51.8	10.67		

Test mode	DTV198.31MHz		Frequency Range	30M-2000MHz	
Frequency	Emission level	Reading level	Limit	Margin	
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)	
635.81	39.92	33.62	51.8	11.88	
988.62	42.13	35.01	51.8	9.67	

Test mode	DTV554.31MHz		Frequency Range	30M-5000MHz	
Frequency	Emission level	Reading level	Limit	Margin	
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)	
458.73	38.46	32.42	51.8	13.34	
631.85	40.12	34.57	51.8	11.68	
1124.63	40.58	35.41	51.8	11.22	

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Test mode	FM88	3.1MHz	Frequency Range	30M-1000MHz		
Frequency	Emission level	Reading level	Limit	Margin		
(MHz)	(dBµV)	$(dB\mu V)$	(dBµV)	(dB)		
326.58	38.49	32.64	51.8	13.31		
746.75	40.10	34.73	51.8	11.70		

Test mode	FM98.1MHz		Frequency Range	30M-1000MHz	
Frequency	Emission level	Reading level	Limit	Margin	
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)	
298.15	37.69	32.56	51.8	14.11	
935.12	40.38	35.25	51.8	11.42	

Test mode	FM107.9MHz		Frequency Range	30M-1000MHz	
Frequency	Emission level	Reading level	Limit	Margin	
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)	
476.98	40.83	34.56	51.8	10.97	
946.44	42.37	37.80	51.8	9.43	

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7.0 FCC Label

FCC ID: WQ5CV26

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: On the product body

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8.0 Photo of testing



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7.3 Photo for the EUT



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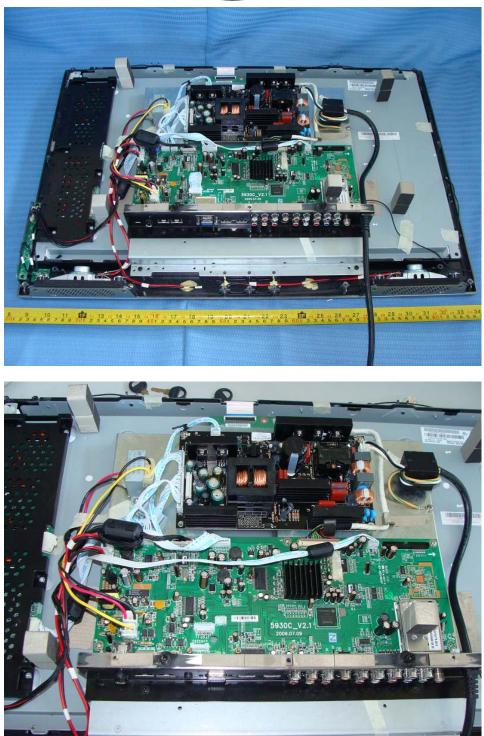


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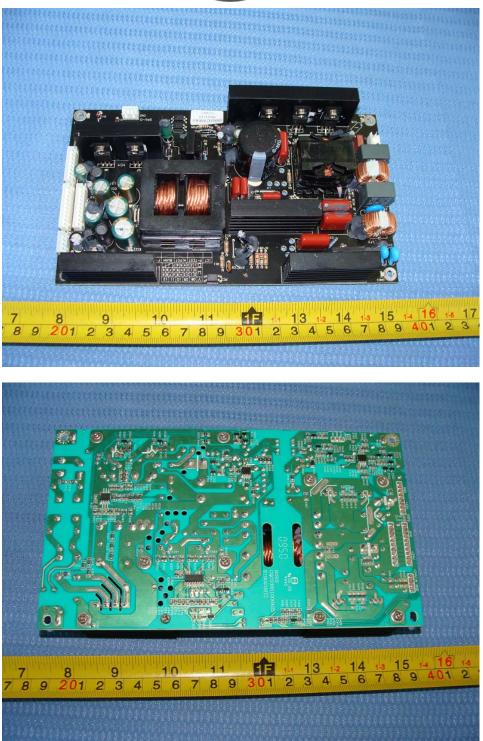
"The report refers only to the sample tested and does not apply to the bulk production. This report is issued in confidential to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for illegal purpose. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co., Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.





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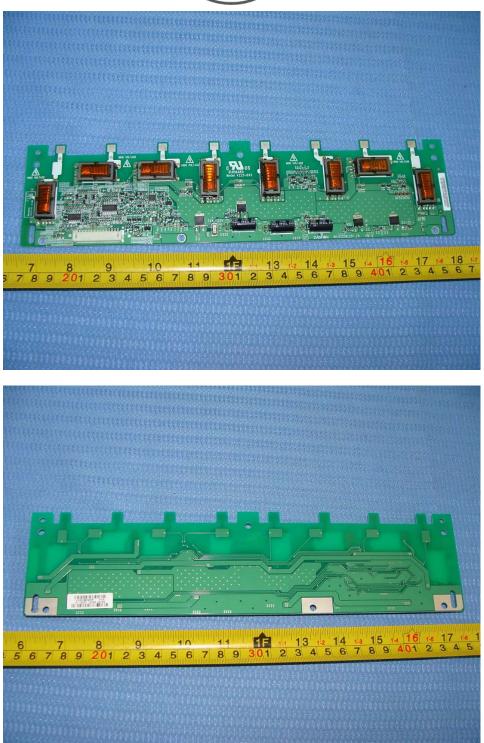




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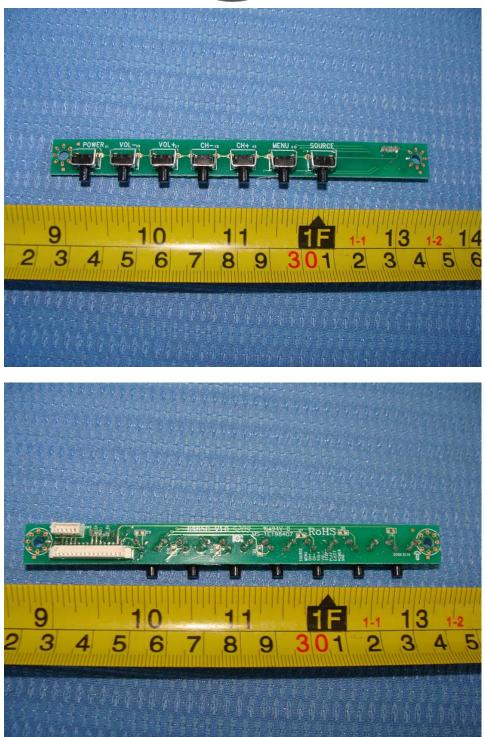




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-End of the report-

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