





Report No: File reference No	FCC 1005307 : 2010-06-12
Applicant:	PDi Communication Systems. Inc
Product:	Hospital Grade LCD TV Receiver
Brand Name:	PDI
Model No:	CV22
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:	June 12, 2010
Results appearin	g herein relate only to the sample tested

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

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
Fax:	(755) 83442996

1.2 Applicant Details

Applicant:	PDi Communication Systems. Inc			
Address:	40 Greenwood Lane, Springboro, OH 45066			
Telephone:	937-743-6010			
Fax:	937-743-5664			

1.3 Description of EUT

Product:	Hospital Grade LCD TV Receiver			
Manufacturer:	WANLIDA GROUP CO., LTD.			
Address:	WANLIDA INDUSTRY ZONE, NANJING ,FUJIAN,CHINA.363601			
Brand Name:	PDI			
Model Number:	CV22			
Additional Model N	umber:			
Rating: Input: 10	0-240V~ 50/60Hz 55W			
Remark:				

- 1.4 Submitted Sample: 1 Sample
- 1.5 Test Duration 2010-05-25 to 2010-06-12
- 1.6 Test Uncertainty Conducted Emissions Uncertainty =3.6dB Radiated Emissions Uncertainty =4.7dB
- 1.7 Test Engineer

Brown Lu

The sample tested by

Print Name: Brown Lu

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2.0 List of Measurement Equipment

Conducted Emission Test 2.1

				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

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

2.3 Auxiliary Equipment

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

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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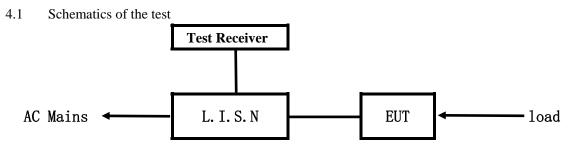
3.0 **Technical Details**

- 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

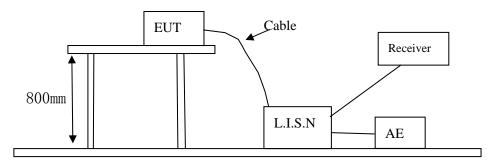


EUT: Equipment Under Test

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

	Class A Li	mits 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

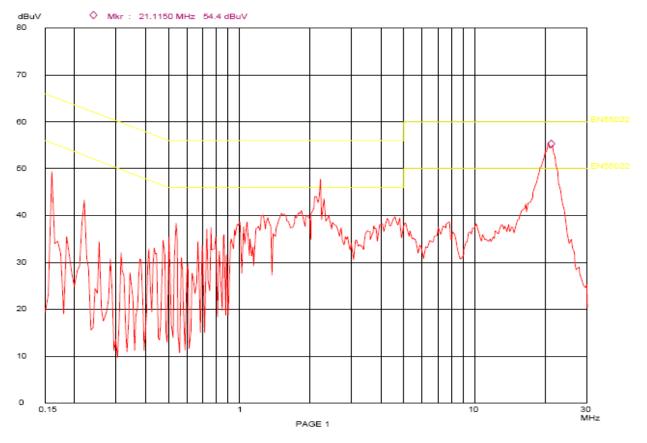
Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV54.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.160	Live	48.8	38.7	65.6	55.6
0.220	Live	41.7	35.3	62.8	52.8
2.220	Live	43.5	31.2	56.0	46.0
20.540	Live	52.3	42.5	60.0	50.0

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

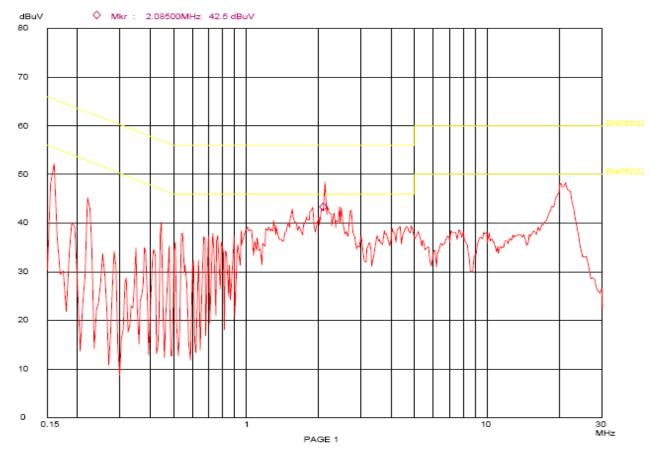
EUT Operating Environment

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

EUT set Condition: Input DTV54.31MHz 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
0.160	Neutral	51.3	45.6	65.6	55.6
0.220	Neutral	43.9	38.7	62.8	52.8
2.175	Neutral	41.3	36.5	56.0	46.0
21.165	Neutral	45.6	37.6	60.0	50.0

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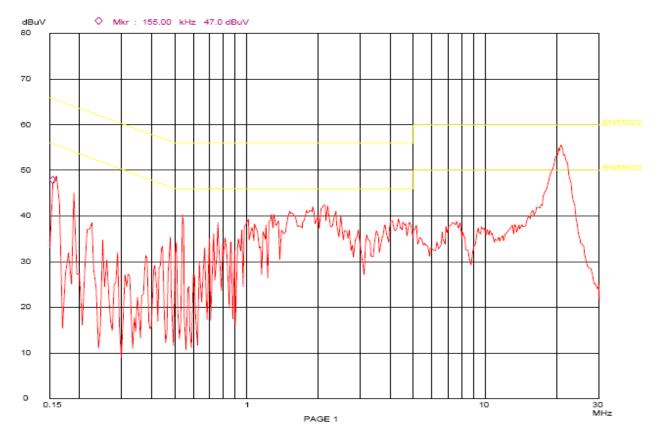
C: Conducted Emission on Live Terminal (150kHz to 30MHz)

EUT Operating Environment

Temperature: 25 ℃ 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)	Line	Quasi-peak	Average	Quasi-peak	Average
0.160	Live	49.4	40.6	65.6	55.6
0.540	Live	40.1	38.2	56.0	46.0
2.135	Live	43.5	34.5	56.0	46.0
20.82	Live	50.5	44.6	60.0	50.0

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

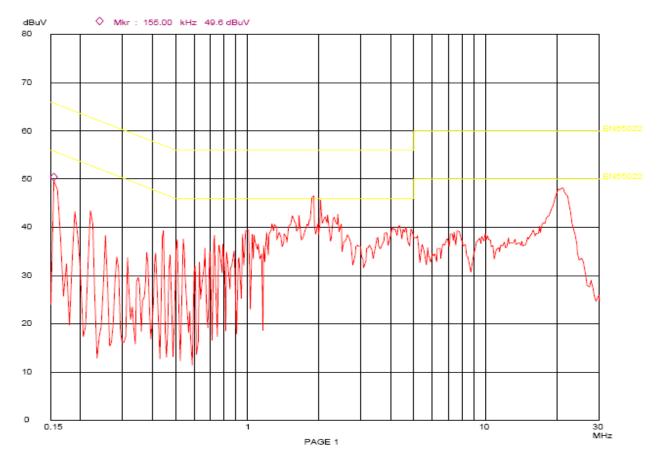
EUT Operating Environment

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	Reading(dBµV)		Limit(dBµV)		
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Neutral	48.5	42.6	65.7	55.7
0.220	Neutral	43.2	39.5	62.8	52.8
1.905	Neutral	44.6	36.5	56.0	46.0
21.095	Neutral	45.8	37.9	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

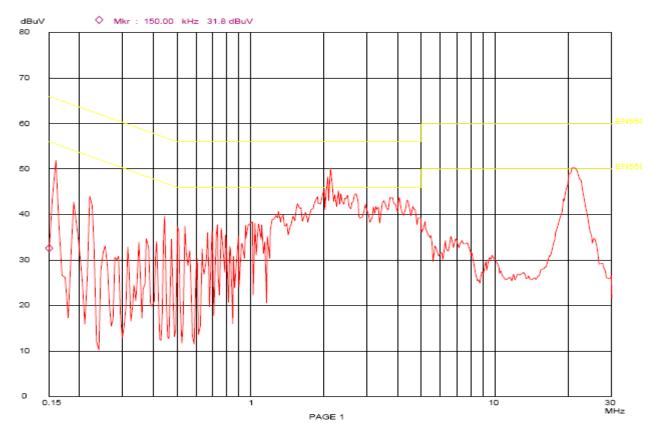
Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV554.31MHz TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	equency Line Reading(dBµV)		dBµV)	Limit(dBµV)
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.160	Live	50.4	38.9	65.5	55.5
0.540	Live	40.2	36.7	56.0	46.0
1.845	Live	42.2	36.8	56.0	46.0
2.220	Live	41.3	33.5	56.0	46.0
20.810	Live	53.4	42.5	60.0	50.0

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

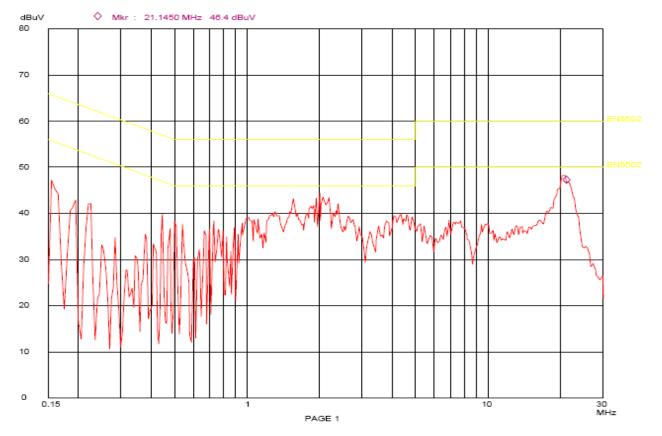
EUT Operating Environment

Temperature: 25℃ 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	Frequency	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.155	Neutral	48.9	43.5	65.7	55.7
1.555	Neutral	41.5	38.4	56.0	46.0
2.005	Neutral	41.9	34.9	56.0	46.0
20.680	Neutral	45.6	40.5	60.0	50.0

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

EUT Operating Environment

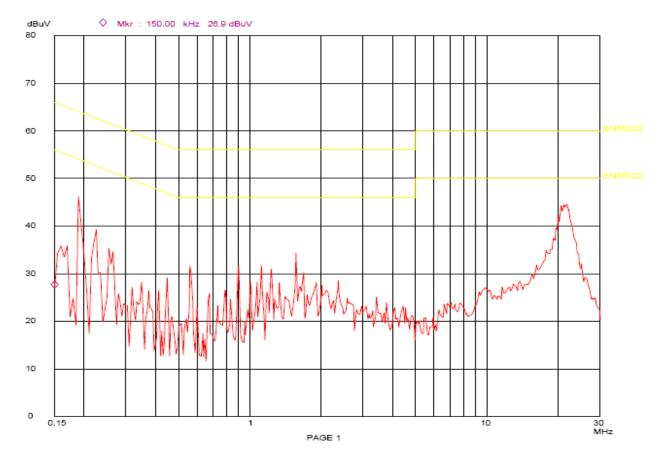
Temperature: 25 °C Humidity: 75% RH

Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV61.25 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
0.160	Live	49.7	39.1	65.5	55.5
0.190	Live	45.5	36.2	64.0	54.0
1.710	Live	34.5	30.7	56.0	46.0
21.700	Live	44.6	35.6	60.0	50.0

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

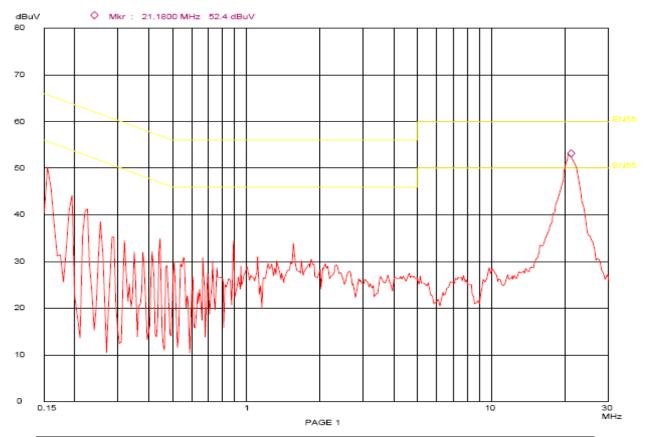
EUT Operating Environment

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

EUT set Condition: Input ATV61.25 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
0.155	Neutral	48.6	42.5	65.7	55.7
0.225	Neutral	44.2	39.6	62.6	52.6
1.560	Neutral	35.2	30.2	56.0	46.0
20.490	Neutral	47.3	38.9	60.0	50.0

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

EUT Operating Environment

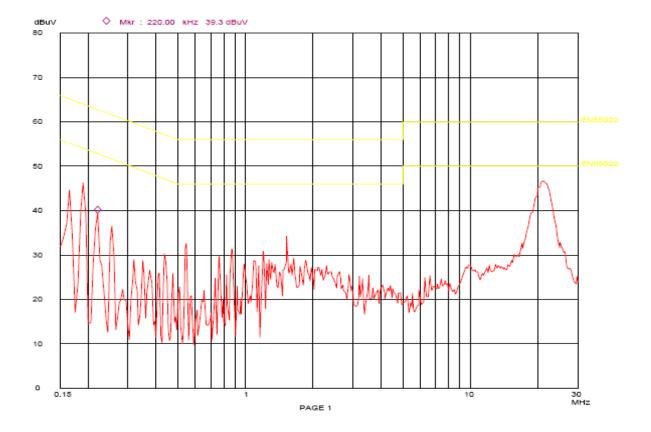
Temperature: 25℃ Humidity: 75%RH

Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV633.25 TV Signal 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
0.190	Live	46.0	36.5	64.0	54.0
0.220	Live	43.5	37.9	62.8	52.8
1.525	Live	33.6	30.1	56.0	46.0
20.880	Live	43.6	33.5	60.0	50.0

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

EUT Operating Environment

Temperature: 25 °C Humidity: 75% RH

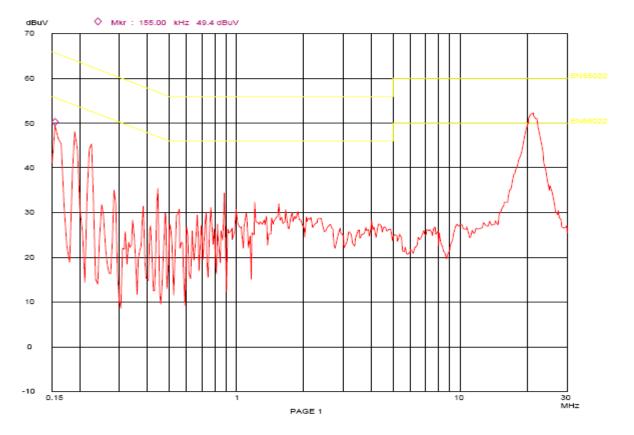
Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV633.25 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
0.155	Neutral	48.5	42.5	65.7	55.7
0.225	Neutral	43.6	38.4	62.6	52.6
1.550	Neutral	30.3	28.6	56.0	46.0
21.240	Neutral	47.5	41.2	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

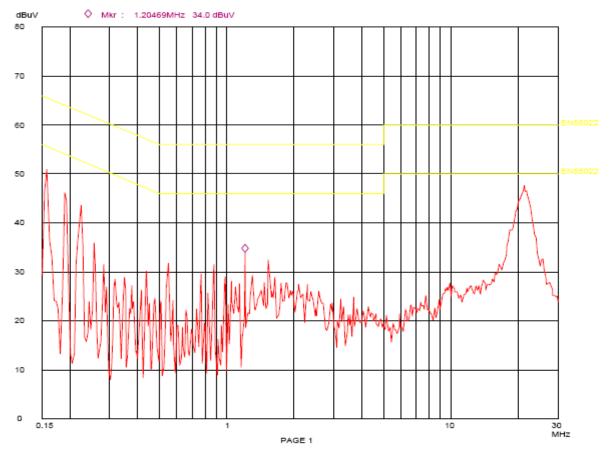
Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV795.25 TV Signal

Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	requency Line	Reading(Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average	
0.157	Live	50.2	44.2	65.6	55.6	
0.224	Live	44.5	39.5	62.7	52.7	
1.204	Live	34.2	30.0	56.0	46.0	
21.335	Live	45.5	40.1	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

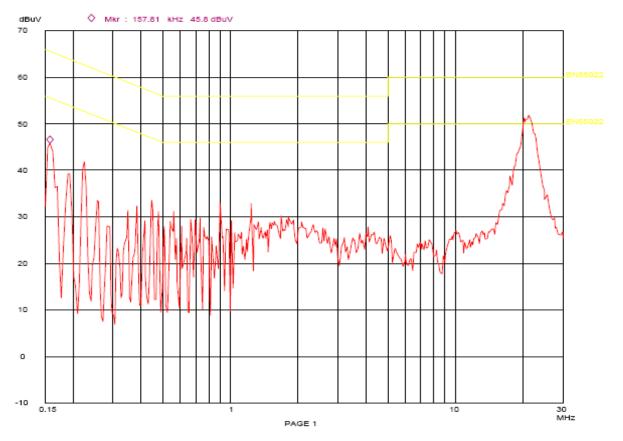
Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV795.25 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
0.157	Neutral	51.2	45.6	65.6	55.6
0.224	Neutral	44.6	36.5	62.7	52.7
1.235	Neutral	33.2	29.4	56.0	46.0
21.150	Neutral	47.5	40.2	60.0	50.0

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

EUT Operating Environment

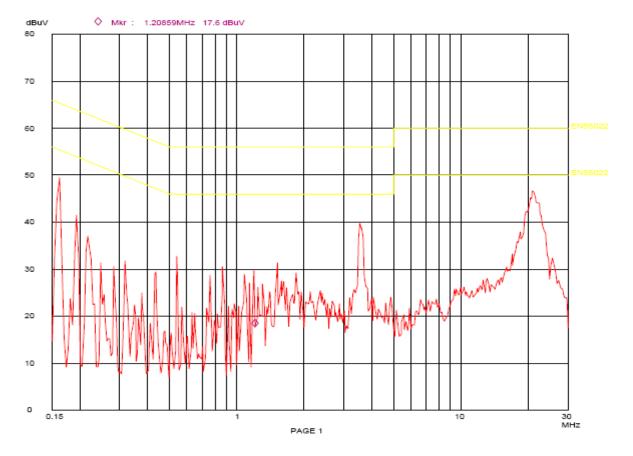
Temperature: 25°C Humidity: 75%RH

Atmospheric Pressure: 101 KPa

EUT set Condition: AV-IN Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	y Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.161	Live	48.9	37.8	65.4	55.4
0.192	Live	44.5	34.6	63.9	53.9
3.548	Live	40.2	40.1	56.0	46.0
20.756	Live	42.3	32.6	60.0	50.0

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

EUT Operating Environment

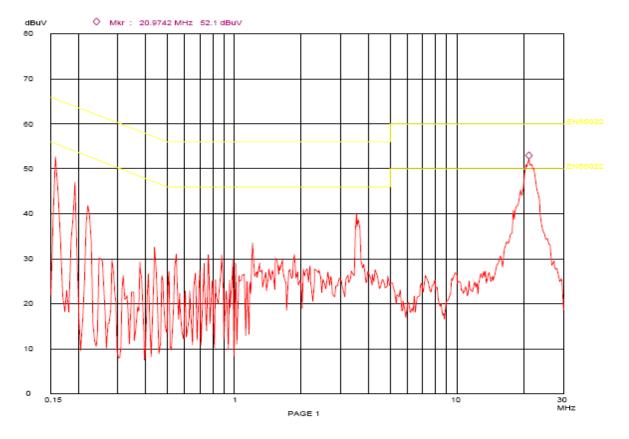
Temperature: 25℃ Humidity: 75%RH

Atmospheric Pressure: 101 KPa

EUT set Condition: AV-IN Equipment Level: Class B

Results: Pass

Please refer to following diagram for individual



Frequency	y Line Reading(dBµV)		Limit(dBµV)		
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.157	Neutral	51.7	46.2	65.6	55.6
0.192	Neutral	45.7	39.5	63.9	53.9
3.546	Neutral	39.8	38.9	56.0	46.0
20.974	Neutral	47.9	40.1	60.0	50.0

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

EUT Operating Environment

Temperature: 25 °C Humidity: 75% RH

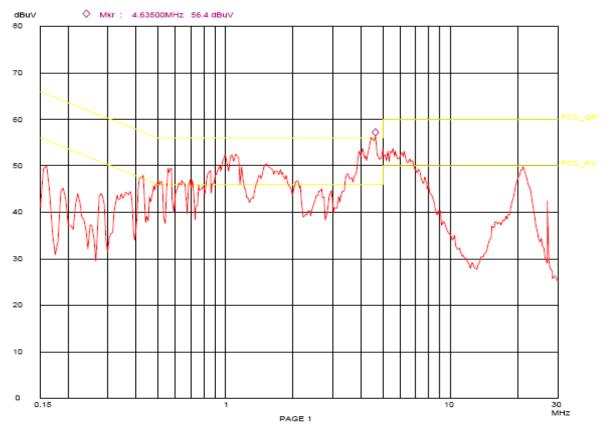
Atmospheric Pressure: 101 KPa

EUT set Condition: HDMI

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
0.160	Live	49.5	40.2	65.5	55.5
0.555	Live	46.2	35.6	56.0	46.0
1.110	Live	48.9	33.7	56.0	46.0
4.635	Live	50.1	39.6	56.0	46.0

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

EUT Operating Environment

Temperature: 25 °C Humidity: 75% RH

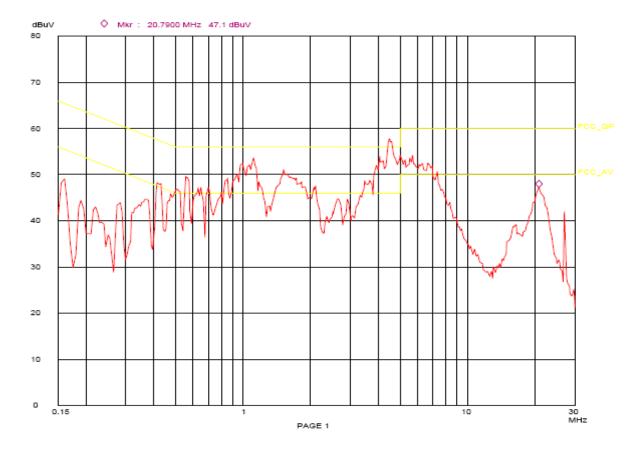
Atmospheric Pressure: 101 KPa

EUT set Condition: HDMI

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
0.160	Neutral	48.6	39.0	65.5	55.5
0.555	Neutral	46.5	34.8	56.0	46.0
1.110	Neutral	49.5	34.6	56.0	46.0
4.490	Neutral	52.3	42.3	56.0	46.0

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

EUT Operating Environment

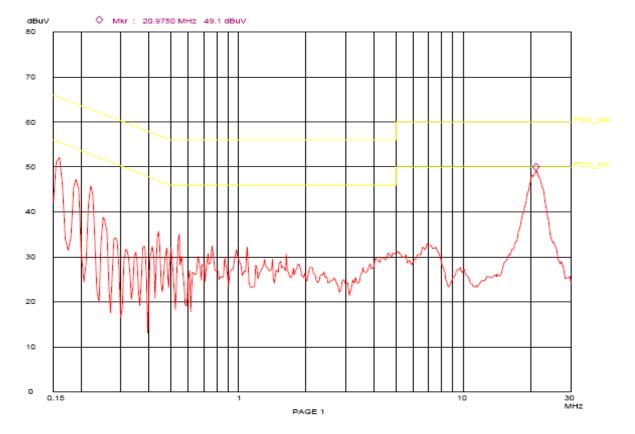
Temperature: 25°C Humidity: 75%RH

Atmospheric Pressure: 101 KPa

EUT set Condition: Input FM107.9MHz 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
0.160	Live	50.4	44.6	65.5	55.5
0.545	Live	35.7	30.2	56.0	46.0
20.975	Live	438	36.8	60.0	50.0

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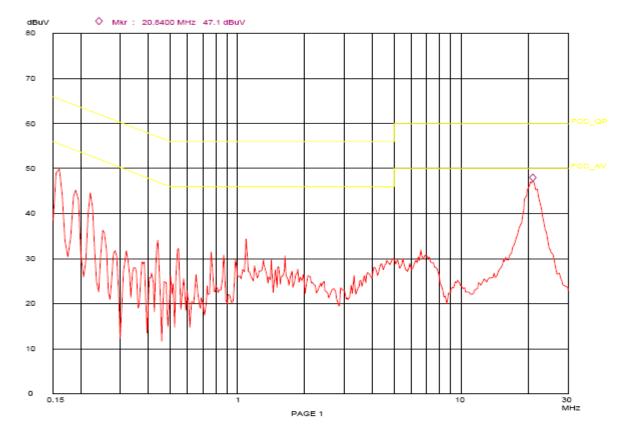
R: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

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

EUT set Condition: Input FM107.9MHz 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
0.160	Neutral	48.7	39.2	65.5	55.5
1.095	Neutral	33.8	27.5	56.0	46.0
20.840	Neutral	42.5	34.6	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

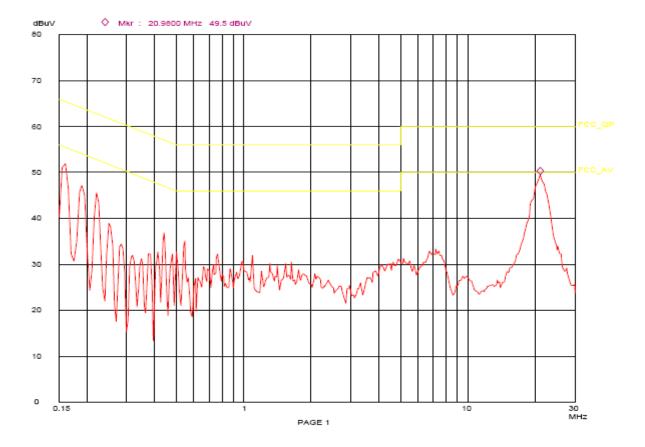
Atmospheric Pressure: 101 KPa

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
0.160	Live	50.6	44.3	65.5	55.5
0.545	Live	34.8	29.2	56.0	46.0
20.980	Live	43.5	37.5	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

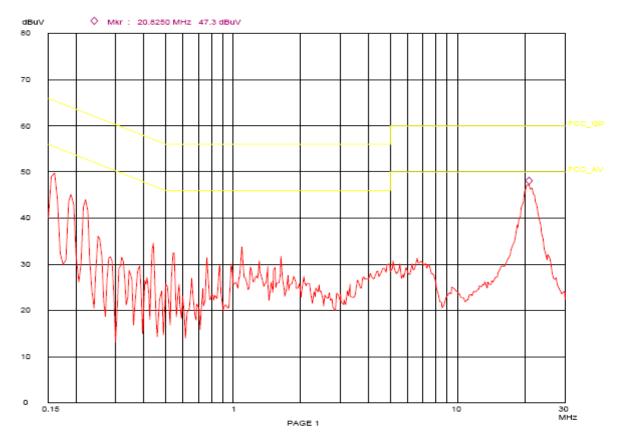
Atmospheric Pressure: 101 KPa

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
0.160	Neutral	48.6	38.6	65.5	55.5
1.095	Neutral	33.8	27.5	56.0	46.0
20.825	Neutral	44.2	34.9	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

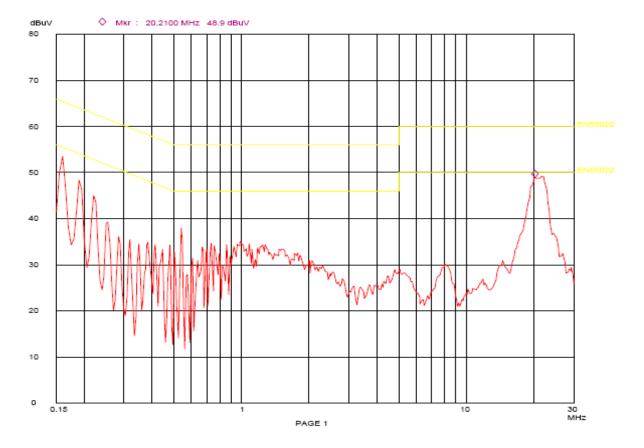
Atmospheric Pressure: 101 KPa

EUT set Condition: Input 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
0.160	Live	52.1	44.8	65.5	55.5
0.540	Live	37.5	33.6	56.0	46.0
21.225	Live	44.4	37.8	60.0	50.0

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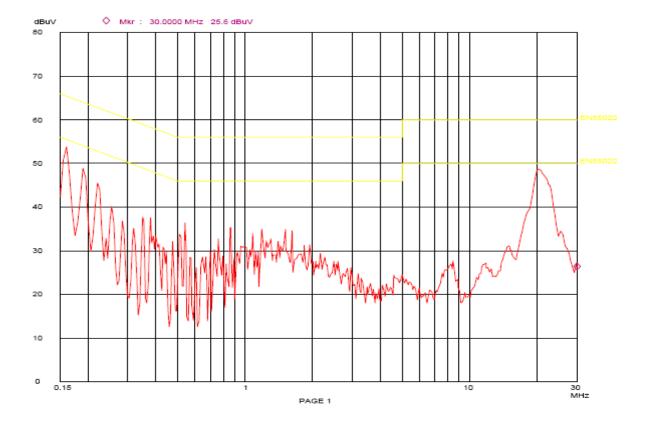
V: Conducted Emission on Neutral Terminal (150kHz to 30MHz)

EUT Operating Environment

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

EUT set Condition: Input 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
0.160	Neutral	52.3	41.7	65.5	55.5
1.185	Neutral	33.6	32.6	56.0	46.0
20.310	Neutral	42.6	34.2	60.0	50.0

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

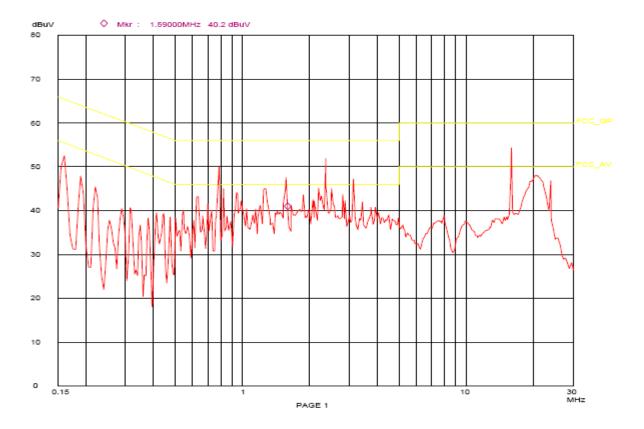
EUT Operating Environment

Temperature: 25 °C Humidity: 75% RH

Atmospheric Pressure: 101 KPa

EUT set Condition: 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
0.785	Live	47.8	39.5	56.0	46.0
2.335	Live	48.9	40.7	56.0	46.0
15.910	Live	53.6	46.8	60.0	50.0
23.840	Live	52.3	47.2	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

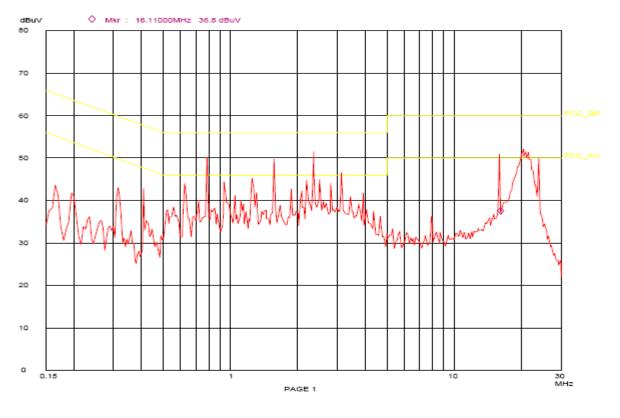
Atmospheric Pressure: 101 KPa

EUT set Condition: VGA (Connected to PC)

Equipment Level: Class B

Results: Pass

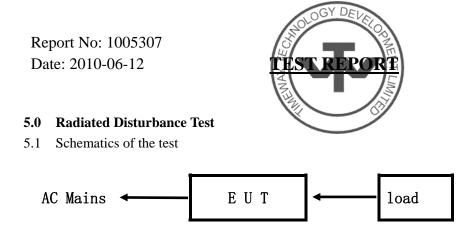
Please refer to following diagram for individual



Frequency	Line	Reading(dBµV)		Limit(dBµV)	
(MHz)	Line	Quasi-peak	Average	Quasi-peak	Average
0.785	Neutral	48.6	35.6	56.0	46.0
1.745	Neutral	47.8	36.1	56.0	46.0
2.335	Neutral	47.5	35.7	56.0	46.0
15.910	Neutral	50.5	45.7	60.0	50.0

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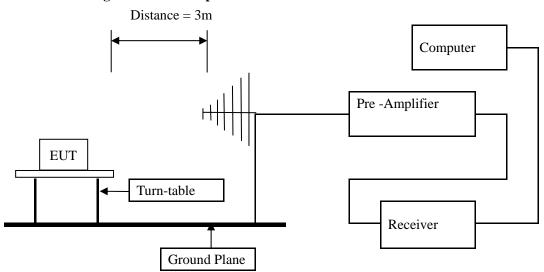
Page 32 of 97

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 1GHz 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.

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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 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)
33.917	34.48	Н	40.00
141.577	33.47	Н	43.50
680.325	38.12	Н	46.00

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Report No: 1005307 Date: 2010-06-12	TES 1000MHz2000M	REPORT	Page 34 c
		IIZ)	
EUT Operating Env			
Temperature:25℃	Humidity: 75% RH	-	01 KPa
	Input DTV-54.31MHz	Signal	
Equipment Level: (Class B		
Results: Pass			
Please refer to follow	ving diagram for individu	al	
File:CV22 80.0 dBuV/m	Data :#37	Date: 2010-6-11	Time: 20:41:24
			QP: — Margin: —
40	www.www.	harmation	man man man
0.0			
1000.000		(MHz)	2000.000

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		Н	

-The test data shows much less than the limit, no necessary take down the records.

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

EUT Operating Environment

Temperature:25℃

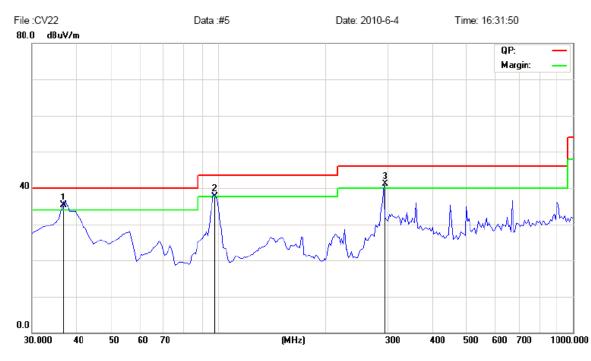
Humidity: 75% RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV-54.31MHz 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)
36.701	35.27	V	40.00
97.900	37.78	V	43.50
294.325	41.12	V	46.00

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eport No: 1005307 ate: 2010-06-12	TEST	REPORT	Page 36 of 9 [°]
Radiated Disturba	nce (1000MHz2000MH	z)	
EUT Operating Er	avironment		
Temperature:25°C	Humidity: 75%RH	Atmospheric Pressure: 101	KPa
EUT set Condition	a: Input DTV-54.31MHz Sig	gnal	
Equipment Level:	Class B		
Results: Pass			
Please refer to follo	wing diagram for individual		
File:CV22 80.0 dBuV/m	Data :#38	Date: 2010-6-11	Time: 20:43:18
			QP: Margin:
4 0	h	moundaria	montiment
40 	hummon	mannahanan	mulmin
40 	hummunanuh	mannalanan	www.hournam
40 	hummund	mannalanan	www.hournann

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		V	

-The test data shows much less than the limit, no necessary take down the records.

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adopt any other remedies which may be appropriate."



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

EUT Operating Environment

Temperature: 25℃

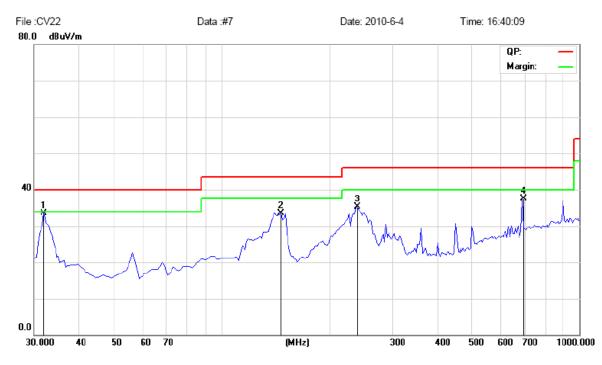
Humidity: 75% RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV-198.31MHz 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)
31.898	33.46	Н	40.00
146.634	33.54	Н	43.50
238.550	35.31	Н	46.00
694.450	37.47	Н	46.00

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-	No: 1005307)10-06-12	CEST P	EPORT		Page 38 of 97
Radi	ated Disturban	ce (1000MHz2000MHz			
EUT	Operating Env	vironment			
Temp	perature:25°C	Humidity: 75%RH	Atmospheric Pressure: 10	1 KPa	
EUT	set Condition:	Input DTV-198.31MHz Si	gnal		
Equi	pment Level: C	Class B			
Resu	lts: Pass				
Pleas	e refer to follow	ring diagram for individual			
	:CV22	Data :#39	Date: 2010-6-11	Time: 20:45:1	3
80.0	D dBuV/m			QF	· _
				Ma	argin: —
40					
40		my unto	mound	Minim	mund
	Lann	- Mariana	V · V · ·		
0.0					
10	000.000		(MHz)		2000.000

Fre	equency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
			Н	

adopt any other remedies which may be appropriate."



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

EUT Operating Environment

Temperature:25℃

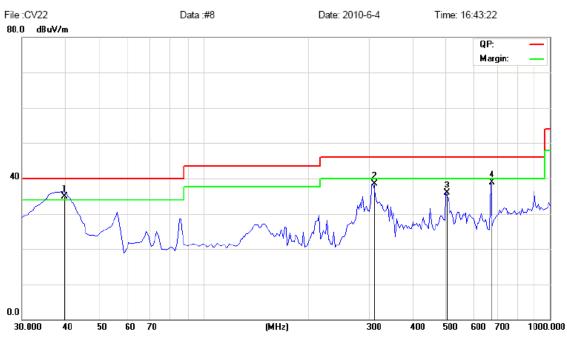
Humidity: 75% RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV-198.31MHz 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)
39.714	34.87	V	40.00
311.300	38.44	V	46.00
502.875	35.92	V	46.00
677.475	38.96	V	46.00

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Report No: 1005307 Date: 2010-06-12	TEST	REPORT	Page 40 of 97
Radiated Disturban	ce (1000MHz2000M	HZ)	
EUT Operating Env	vironment		
Temperature:25℃	Humidity: 75%RH	Atmospheric Pressure: 10	1 KPa
EUT set Condition:	Input DTV-198.31MHz	z Signal	
Equipment Level: C	lass B		
Results: Pass			
Please refer to follow	ving diagram for individu	al	
File:CV22 80.0 dBuV/m	Data :#40	Date: 2010-6-11	Time: 20:46:47
40	houman	hundundun	QP: Margin:
0.0		(MHz)	2000.000

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		V	

adopt any other remedies which may be appropriate."



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

EUT Operating Environment

Temperature: 25℃

Humidity: 75% RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV-554.31MHz 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)
33.037	35.62	Н	40.00
134.323	34.57	Н	43.50
214.300	36.66	Н	43.50
679.475	37.19	Н	46.00

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eport No: 1005307 ate: 2010-06-12	TIST	REPORT	Page 42 of 9
Radiated Disturba	nce (1000MHz2000MI	Hz)	
EUT Operating En	vironment		
Temperature:25℃	Humidity: 75%RH	Atmospheric Pressure: 10	1 KPa
EUT set Conditions	: Input DTV-554.31MHz	Signal	
Equipment Level:	Class B		
Results: Pass			
Please refer to follow	wing diagram for individua	al	
File :CV22	Data :#41	Date: 2010-6-11	Time: 20:49:01
80.0 dBuV/m			QP: —
			Margin:
40			
	M. A.man	humpontinum	Longen
hann)		

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		Н	

adopt any other remedies which may be appropriate."



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

EUT Operating Environment

Temperature:25℃

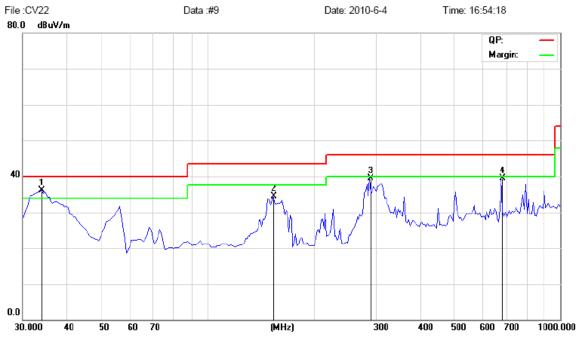
Humidity: 75% RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input DTV-554.31MHz 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)
33.917	36.05	V	40.00
153.675	34.52	V	43.50
289.475	39.57	V	46.00
684.750	39.60	V	46.00

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Report No: 1005307 Date: 2010-06-12	TEST REP	ORE	Page 44 of
Radiated Disturbance (1000MH	z2000MHz)		
EUT Operating Environment		1	
-		spheric Pressure: 101	КРа
EUT set Condition: Input DTV- Equipment Level: Class B	554.51MHZ Signal		
Results: Pass			
Please refer to following diagram	for individual		
)ata :#42	Date: 2010-6-11	Time: 20:50:29
			QP: — Margin: —
40			A
manna	mouthernow	manhamm	Contraction and a strategies in
0.0			
1000.000	(MHz)		2000.000

97

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		V	

-The test data shows much less than the limit, no necessary take down the records.

adopt any other remedies which may be appropriate."



Atmospheric Pressure: 101 KPa

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

EUT Operating Environment

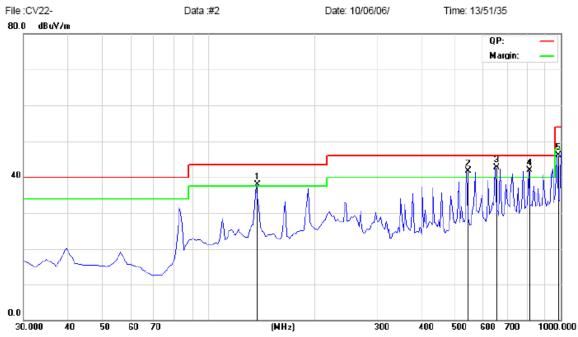
Temperature: 25℃ Humidity: 75%RH

EUT set Condition: HDMI

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)
136.700	37.91	Н	43.50
544.100	41.61	Н	46.00
650.800	42.73	Н	46.00
813.275	42.00	Н	46.00
975.750	46.15	Н	54.00

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oort No: 1005307 e: 2010-06-12 Radiated Disturbanc	E (1000MHz2000M	REPORT		Page 46 of
EUT Operating Envi	ronment			
Temperature:25°C	Humidity: 75%RH	Atmospheric Pressure: 101	1 KPa	
EUT set Condition: I	•		i iii u	
Equipment Level: Cl				
Results: Pass				
Please refer to followi	ng diagram for individu	al		
File :CV22	Data :#36	Date: 2010-6-11	Time: 20:38	:54
80.0 dBuV/m				
				IP: —
				largin: —
40				2010/01/02
40			man	mont
hamanhan	Amanda	box open and		
10 10 10 10 10 10 10 10 10 10 10 10 10 1				
0.0				
1000.000		(MHz)		

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		Н	

adopt any other remedies which may be appropriate."



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

EUT Operating Environment

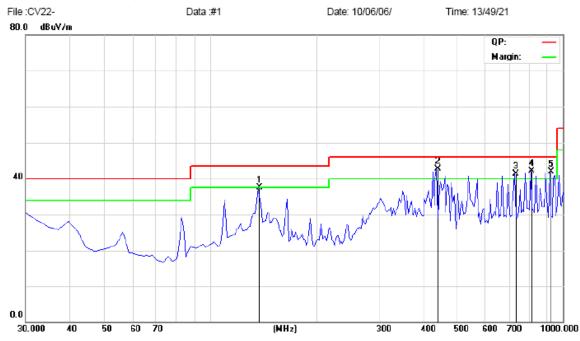
Temperature:25°C

Humidity: 75%RH Atmospheric Pressure: 101 KPa **EUT set Condition: HDMI**

Equipment Level: Class B

Results: Pass

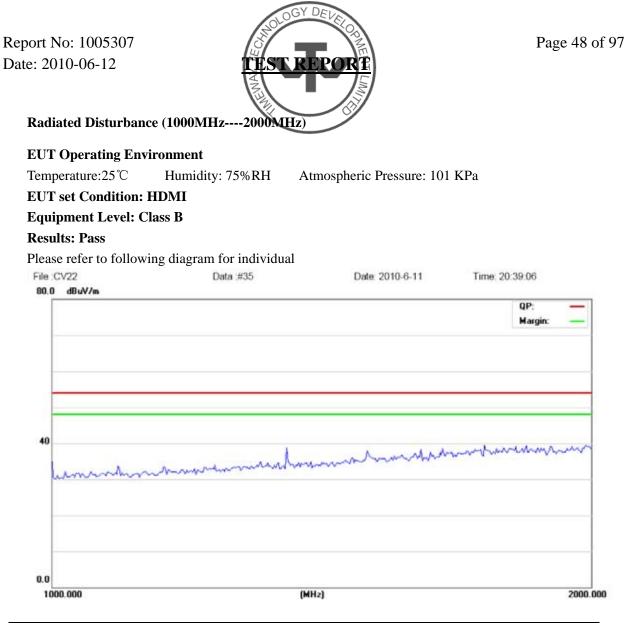
Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
136.700	37.54	V	43.50
442.250	42.61	V	46.00
733.250	41.33	V	46.00
813.275	42.05	V	46.00
919.975	41.94	V	46.00

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Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		V	

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Report No: 1005307 Date: 2010-06-12 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 File :CV22 Data :#2 Date: 2010/06/02 Time: 16:15:51 80.0 dBuV/m 40 0.0

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
80.925	32.45	Н	40.00
111.450	34.63	Н	43.50
119.725	34.91	Н	43.50
284.625	34.20	Н	46.00

(MHz)

300

400

500

600 700

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

30.000

40

50

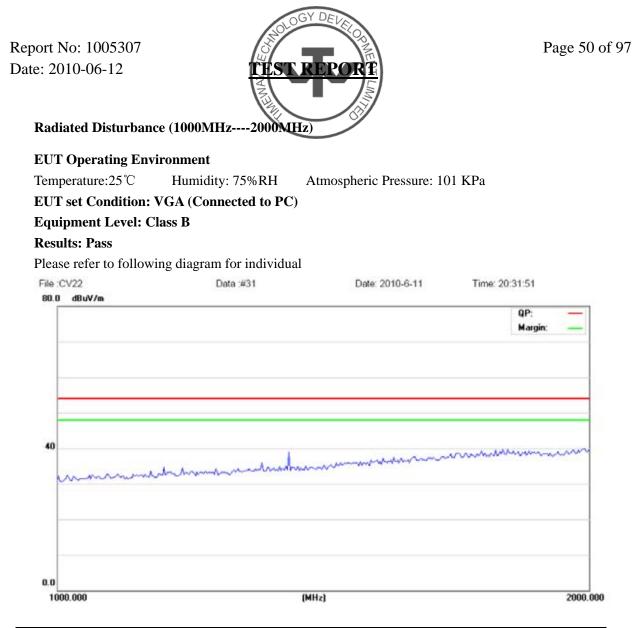
60 70

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OP: Margin:

1000.000



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		Н	

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

EUT Operating Environment

Temperature:25°C Humidity: 75%RH

%RH Atmospheric Pressure: 101 KPa

EUT set Condition: VGA (Connected to PC)

Equipment Level: Class B

Results: Pass

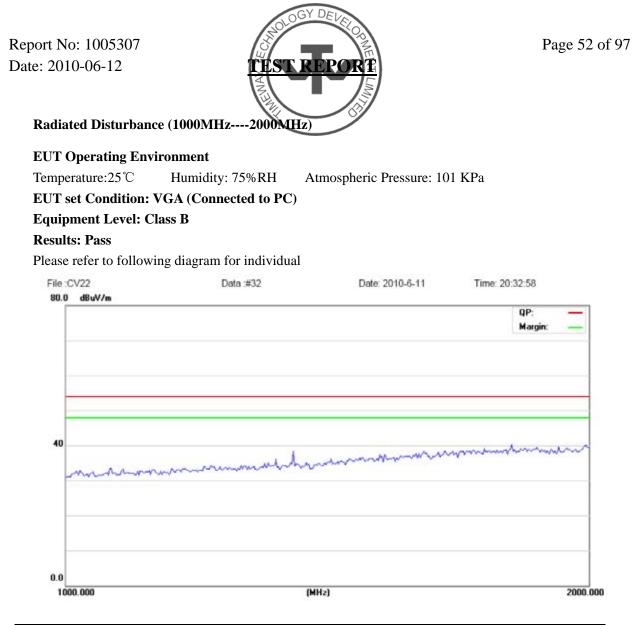
Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
30.000	34.74	V	40.00
111.465	33.73	V	43.50
287.050	36.88	V	46.00
677.475	36.96	V	46.00

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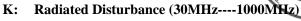
Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		V	

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EUT Operating Environment

Temperature: 25°CHumidity: 75%RHAtmospheric Pressure: 101 KPaEUT set Condition:AV INEquipment Level: Class B

Results: Pass

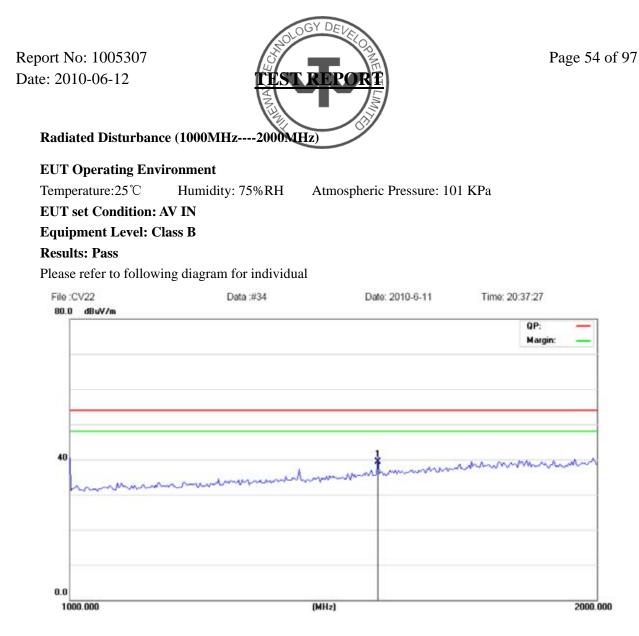
Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
226.060	34.91	Н	46.00
675.475	34.82	Н	46.00

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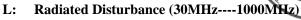
Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1500.250	39.31(PK)	Н	54.00(AV)

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Atmospheric Pressure: 101 KPa



EUT Operating Environment

Temperature:25°C Humidity: 75% RH

EUT set Condition: AV IN

Equipment Level: Class B

Results: Pass

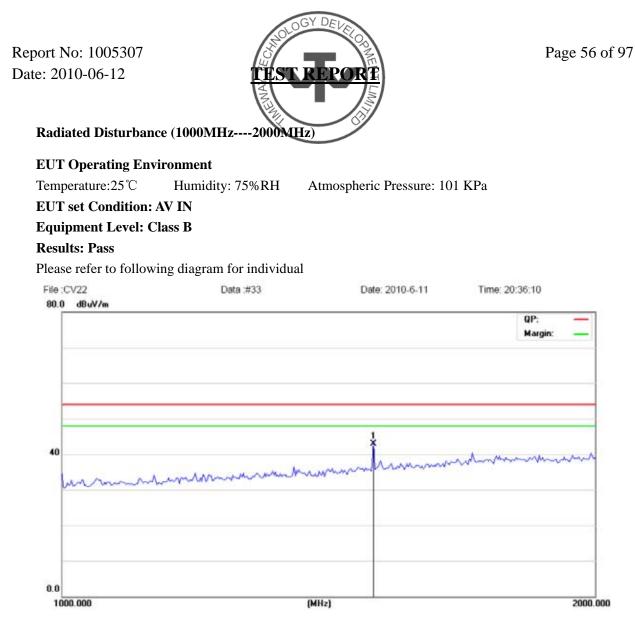
Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
675.102	40.55	V	46.00

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Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1500.008	43.02 (PK)	V	54.00 (AV)

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

EUT Operating Environment

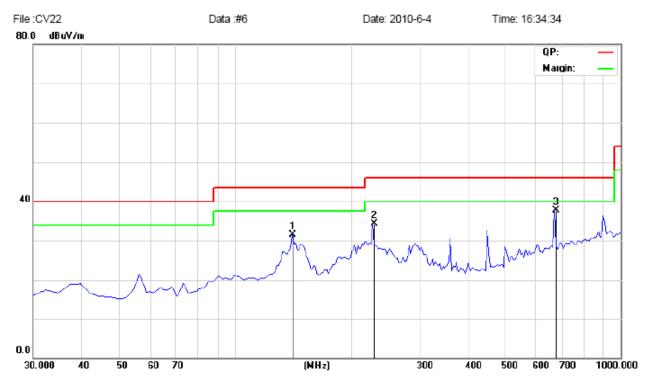
Temperature: 25°C Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-61.25MHz 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)
141.577	31.47	Н	43.50
228.850	34.37	Н	46.00
675.475	37.65	Н	46.00

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Report No: 100530 Date: 2010-06-12	7	REPORT	Page 58 of 97
Radiated Distur	bance (1000MHz2000M	Hz)	
EUT Operating	Environment		
Temperature:25℃	Humidity: 75%RH	Atmospheric Pressure: 10)1 KPa
EUT set Condition	on: Input ATV-61.25MHz S	Signal	
Equipment Leve	l: Class B		
Results: Pass			
Please refer to fol	lowing diagram for individu	al	
File :CV22	Data :#19	Date: 2010-6-11	Time: 18:37:11
80.0 dBuV/m			QP: Margin;
40	a a marine	hannen	mantente
0.0			
1000.000		(MHz)	2000.000

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		Н	

adopt any other remedies which may be appropriate."



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

EUT Operating Environment

Temperature:25℃

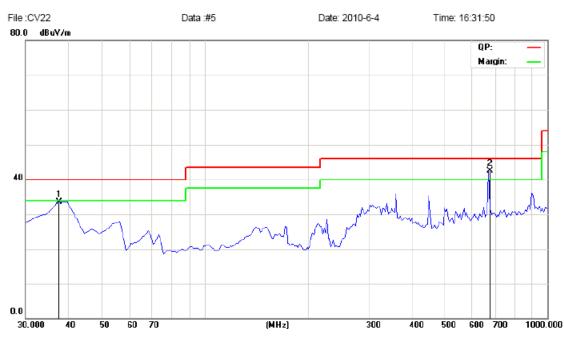
Humidity: 75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-61.25MHz 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)
37.679	33.57	V	40.00
675.475	42.48	V	46.00

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oort No: 1005307 e: 2010-06-12	TES	REPORT		Page 60 of
Radiated Disturban	ce (1000MHz2000M	(Hz)		
EUT Operating Env	vironment			
Temperature:25℃	Humidity: 75%RH	Atmospheric Pressure: 10	1 KPa	
EUT set Condition:	Input ATV-61.25MHz S	Signal		
Equipment Level: (-			
Results: Pass				
Please refer to follow	ving diagram for individu	al		
File :CV22	Data :#20	Date: 2010-6-11	Time: 18:38:	19
80.0 dBu∀/m			0	P: —
				argin:
40		a a header when	nontranti	mound
mont	mannah	www.www.www.www.		
-				
-				

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		V	

adopt any other remedies which may be appropriate."



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

EUT Operating Environment

Temperature: 25℃

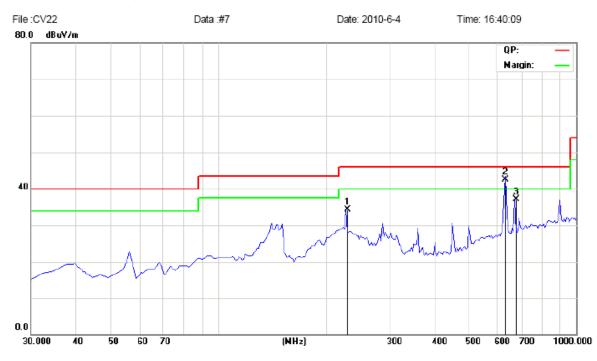
Humidity: 75% RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-663.25MHz 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)
228.850	34.35	Н	46.00
633.250	42.45	Н	46.00
677.475	37.05	Н	46.00

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eport No: 1005307 ate: 2010-06-12	TES	REPORT	Page 62 of 97
Radiated Disturbar	nce (1000MHz2000M	Hz)	
EUT Operating En	vironment		
Temperature:25℃	Humidity: 75%RH	Atmospheric Pressure: 10	1 KPa
EUT set Condition:	: Input ATV-663.25MHz	Signal	
Equipment Level:	Class B		
Results: Pass			
Please refer to follow	wing diagram for individu	al	
File :CV22	Data :#22	Date: 2010-6-11	Time: 18:47:55
80.0 dBuV/m			QP:
			Margin:
			*
40			
		1	manne
manna	monthand	hannan	man
man	mount	montemation	man
man	monthemat	hannen	manna
man	monoutin	hannen	manna
man	monout	hannen	

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1899.785	50.25(PK)	Н	54.00(AV)

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adopt any other remedies which may be appropriate."



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

EUT Operating Environment

Temperature:25℃

Humidity: 75% RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-663.25MHz 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)
39.714	34.87	V	40.00
364.650	35.53	V	46.00
634.250	42.51	V	46.00

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eport No: 1005307 ate: 2010-06-12	TES	REPORT	Page 64 of 97
Radiated Disturbar	nce (1000MHz2000M	Hz)	
EUT Operating En	vironment		
Temperature:25℃	Humidity: 75%RH	Atmospheric Pressure: 10	01 KPa
EUT set Condition:	: Input ATV-663.25MHz	z Signal	
Equipment Level:	Class B		
Results: Pass			
Please refer to follow	wing diagram for individu	al	
File :CV22	Data :#21	Date: 2010-6-11	Time: 18:44:14
80.0 dBuV/m			QP: —
			Margin:
-			
			1×
40	ŝ		
	marken	have been and the second of the second secon	Marriel and a second se
m	hummer		
-			
0.0			
1000.000		(MHz)	2000.000

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1268.000	39.88(PK)	V	54.00(AV)
1899.759	50.12(PK)	V	54.00(AV)

adopt any other remedies which may be appropriate."



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

EUT Operating Environment

Temperature: 25°C Humidity: 75% RH

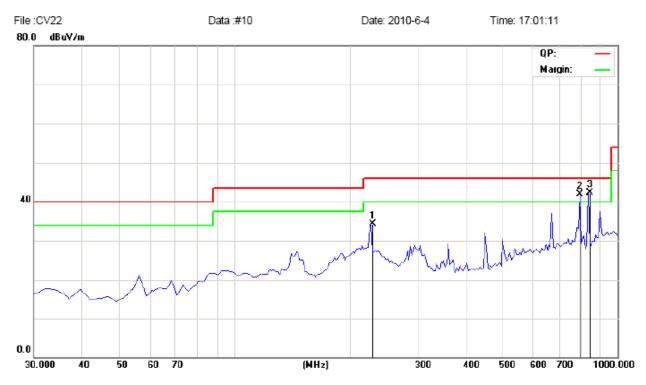
75%RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-795.25MHz 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)
228.850	34.35	Н	46.00
795.725	41.88	Н	46.00
842.375	42.22	Н	46.00

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Report No: 1005307 Date: 2010-06-12	TES	REPORT	Page 66 of 97
Radiated Disturba	nce (1000MHz2000M	Hz)	
EUT Operating En	vironment		
Temperature:25℃	Humidity: 75%RH	Atmospheric Pressure: 10	1 KPa
EUT set Condition	: Input ATV-795.25MHz	Signal	
Equipment Level:	Class B		
Results: Pass			
Please refer to follow	wing diagram for individu	al	
File :CV22 80.0 dBuV/m	Data #23	Date: 2010-6-11	Time: 18:52:50
40	hanne	hannen	QP: Margin:
0.0		(MHz)	2000.000

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1590.528	49.88(PK)	Н	54.00(AV)

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

EUT Operating Environment

Temperature:25℃

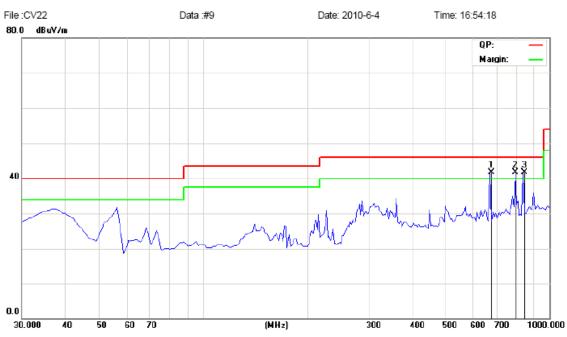
Humidity: 75% RH Atmospheric Pressure: 101 KPa

EUT set Condition: Input ATV-795.25MHz Signal

Equipment Level: Class B

Results: Pass

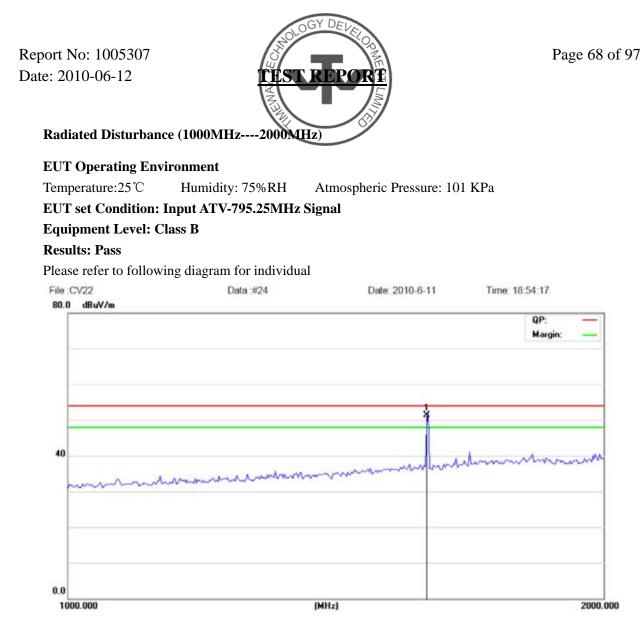
Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
677.475	41.65	V	46.00
795.725	41.78	V	46.00
842.375	41.67	V	46.00

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Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1590.934	50.39(PK)	V	54.00(AV)

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S: 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



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
98.832	37.52	Н	43.50
842.375	41.64	Н	46.00

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ort No: 10053(e: 2010-06-12	<u> </u>	PORT	Page 70 of
Radiated Distur	bance (1000MHz2000MHz)		
EUT Operating	Environment		
Temperature:25°	-	mospheric Pressure: 101	l KPa
	on: Input FM98.1MHz Radio S	ignal	
Equipment Leve	el: Class B		
Results: Pass			
	llowing diagram for individual	D-1- 2010 0 11	T
File :CV22 80.0 dBuV/m	Data #27	Date: 2010-6-11	Time: 20:24:56
			QP: Margin:
40	mannene	mphilmman	manguna
0.0			

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		Н	

adopt any other remedies which may be appropriate."



T: 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



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	35.58	V	40.00
98.832	38.02	V	43.50
842.375	41.94	V	46.00

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ort No: 10 e: 2010-00		THST R	EPORT	Page 72 of
Radiated I	Disturbance	(1000MHz2000MHz)		
_	rating Enviro	onment		
Temperatur		•	tmospheric Pressure: 101	KPa
	-	put FM98.1MHz Radio S	Signal	
	t Level: Clas	ss B		
Results: Pa				
	r to following	g diagram for individual	.	T
File :CV22 80.0 dBuV	/m	Data :#28	Date: 2010-6-11	Time: 20:25:49
				QP:
				Margin:
-				
40				
	1.50	mannah	mannen	- Marine Marine Marine
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	American service and		
0.0				

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		V	

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 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)
88.625	39.05	Н	43.50
842.375	41.42	Н	46.00

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Report No: 1005307 Date: 2010-06-12 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 File :CV22 Data :#26 Time: 20:23:45 Date: 2010-6-11 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)
		Н	

-The test data shows much less than the limit, no necessary take down the records.

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

## **EUT Operating Environment**

Temperature:25℃

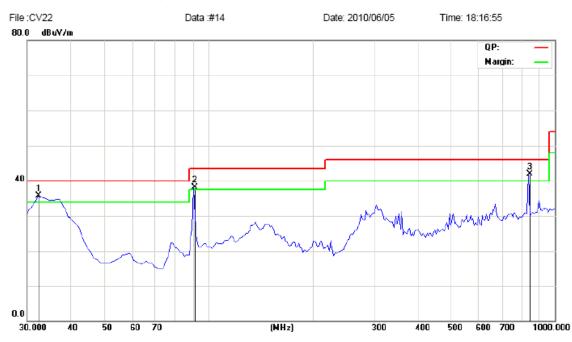
Humidity: 75% RH Atmospheric Pressure: 101 KPa

## EUT set Condition: Input 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	35.69	V	40.00
90.625	38.07	V	43.50
842.375	41.84	V	46.00

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oort No: 1005307 e: 2010-06-12		REPORT	Page 76 of
Radiated Disturba	ance (1000MHz2000M	Hz)	
EUT Operating E	nvironment		
Temperature:25°C	Humidity: 75%RH	Atmospheric Pressure: 10	1 KPa
EUT set Condition	n: Input FM88.1MHz Rad	dio Signal	
<b>Equipment Level</b>	: Class B		
<b>Results:</b> Pass			
Please refer to follo	owing diagram for individu	al	
File :CV22	Data :#25	Date: 2010-6-11	Time: 18:59:10
80.0 dBuV/m			
			QP: Margin:
-			
-			
40			
		and have more more thank	manmannan
mont	Mannan	turb. a	
0.0			

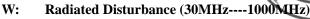
Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		V	

-The test data shows much less than the limit, no necessary take down the records.

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adopt any other remedies which may be appropriate."





## **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 Data :#16 File :CV22 Date: 2010/06/05 Time: 18:47:18 80.0 dBuV/m QP: Margin: 40 0.0 (MHz) 300 600 700 1000.000 30.000 60 70 400 500 40 50

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
108.837	38.18	Н	43.50
842.375	42.32	Н	46.00

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port No: 1005307 te: 2010-06-12	TES	REPORT		Page 78 of
Radiated Disturban	ce (1000MHz2000M	(Hz)		
EUT Operating Env	vironment			
Temperature:25℃	Humidity: 75%RH	Atmospheric Pressure: 10	1 KPa	
EUT set Condition:	Input FM107.9MHz Ra	adio Signal		
Equipment Level: C	-	C C		
<b>Results:</b> Pass				
Please refer to follow	ing diagram for individu	al		
File :CV22	Data :#30	Date: 2010-6-11	Time: 20:29	:12
80.0 dBuV/m				P:
				Aargin:
40				
	e a constante e secol	1. manun munch	multure	mun
manhort	munum	M.A. A.		
0.0				
0.0				

Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		Н	

-The test data shows much less than the limit, no necessary take down the records.

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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**

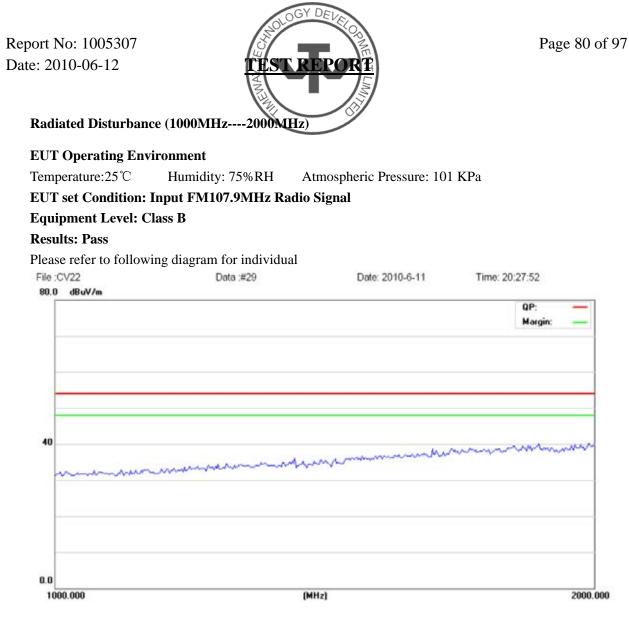
Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
32.425	35.48	V	40.00
107.887	38.87	V	43.50
842.375	41.98	V	46.00

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Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
		V	

-The test data shows much less than the limit, no necessary take down the records.

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# 6.0 Antenna conducted Power

## 5.1 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

## 5.2 Limit

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

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	ATV61.	.25MHz	Frequency Range	30M-1000MHz
Frequency	Emission level	Reading level	Limit	Margin
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)
672.82	38.26	36.46	51.8	13.54
781.50	36.12	34.22	51.8	15.68
Test mode	ATV633	3.25MHz	Frequency Range	30M-5000MHz
Frequency	Emission level	Reading level	Limit	Margin
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)
635.21	44.20	42.12	51.8	7.6
831.82	40.12	38.35	51.8	11.68
1271.23	39.26	36.24	51.8	12.54
1894.82	34.11	32.12	51.8	17.69
Test mode	ATV795	5.25MHz	Frequency Range	30M-5000MHz
Frequency	Emission level	Reading level	Limit	Margin
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)
797.35	45.35	43.29	51.8	6.45
830.95	41.28	38.45	51.8	10.52
1594.36	38.24	36.35	51.8	13.56
2399.21	37.56	35.31	51.8	14.24

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#### Report No: 1005307 Page 82 of 97 Date: 2010-06-12 DTV54.31MHz Frequency Range Test mode 30M-1000MHz Limit Frequency Emission level Reading level Margin (MHz) (dBµV) (dBµV) (dBµV) (dB)364.38 34.56 28.56 51.8 17.24 556.45 33.76 27.65 51.8 18.04

Test mode	DTV198	DTV198.31MHz		30M-2000MHz
Frequency	Emission level	Reading level	Limit	Margin
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)
198.56	33.21	29.35	51.8	18.59
446.49	35.68	28.72	51.8	16.12

Test mode	DTV554.31MHz		Frequency Range	30M-5000MHz
Frequency	Emission level	Reading level	Limit	Margin
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)
216.66	32.52	25.43	51.8	19.28
385.84	33.64	27.51	51.8	18.16

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Report No: 100 Date: 2010-06-1		TEST REPORT		Page 83 of	
Test mode	FM88	.1MHz	Frequency Range	30M-1000MHz	
Frequency	Emission level	Reading level	Limit	Margin	
(MHz)	(dBµV)	(dBµV)	$(dB\mu V)$	(dB)	
214.68	39.24	31.25	51.8	12.56	
704.38	37.16	28.46	51.8	14.68	

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Test mode	FM98.1MHz		Frequency Range	30M-1000MHz
Frequency	Emission level	Reading level	Limit	Margin
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)
782.89	36.45	28.76	51.8	15.35
956.24	38.79	30.26	51.8	13.01

Test mode	FM107.9MHz		Frequency Range	30M-1000MHz
Frequency	Emission level	Reading level	Limit	Margin
(MHz)	(dBµV)	(dBµV)	(dBµV)	(dB)
956.38	38.46	31.25	51.8	13.34
936.81	36.72	28.46	51.8	15.08

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#### 6.0 FCC Label

FCC ID: WQ5CV22

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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- 7.0 Photo of testing
- Conducted test View--7.1



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7.2 Radiated emission test view--



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7.3 Photo for the EUT



## Back View



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# Interior View



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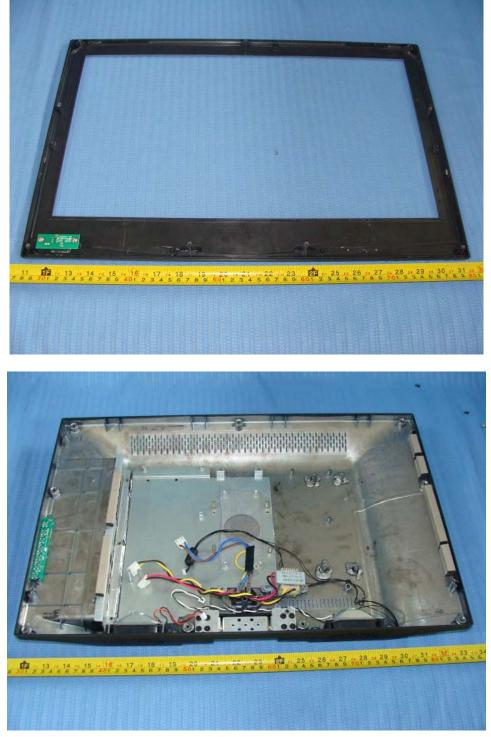




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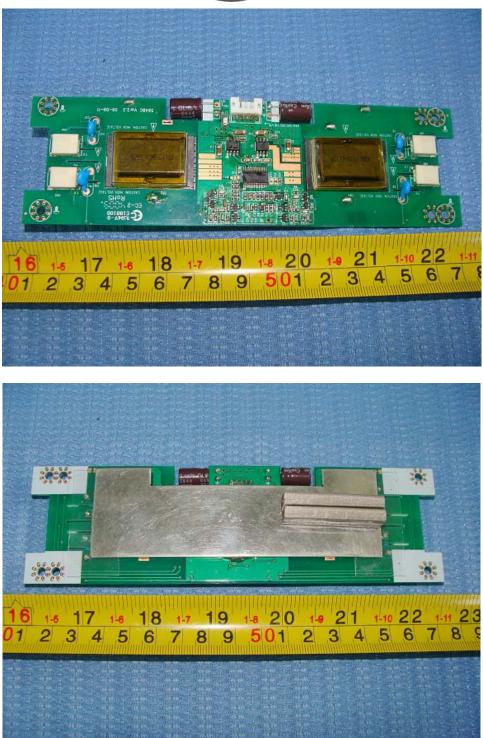


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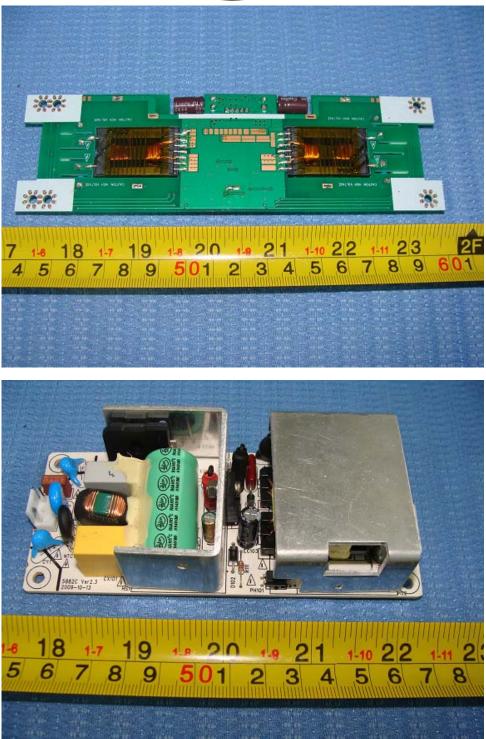
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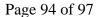
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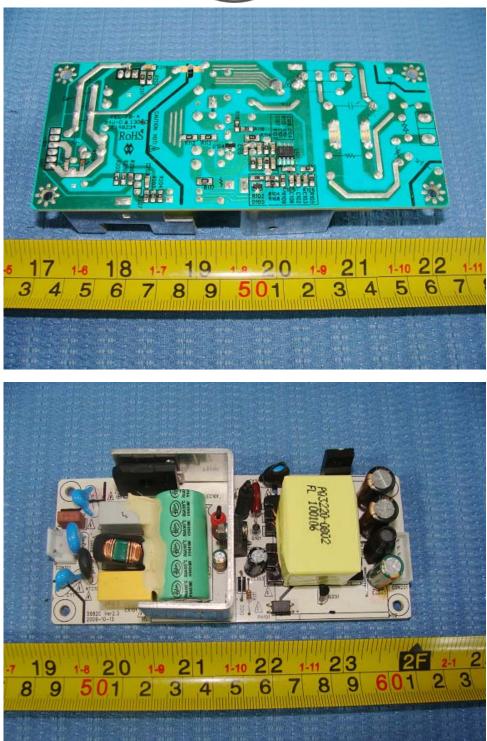




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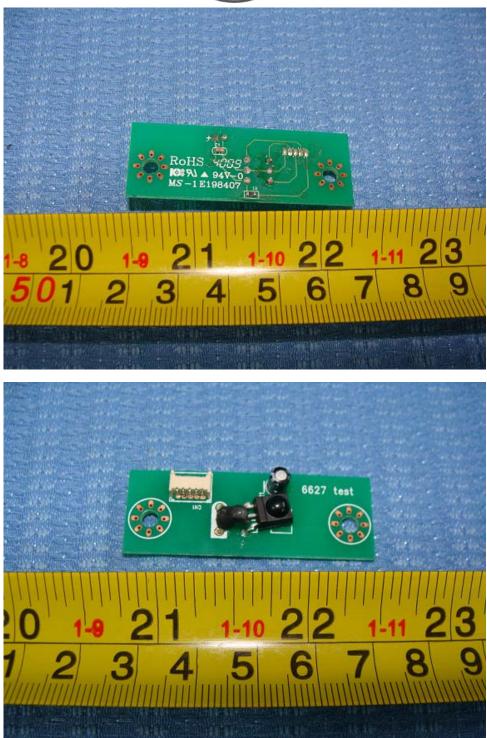




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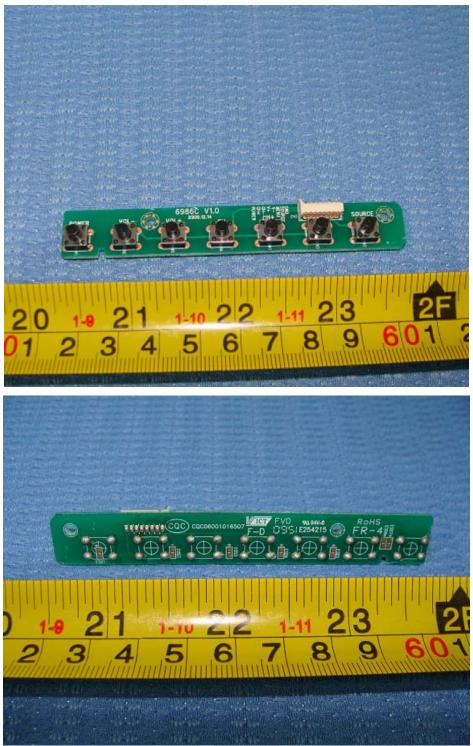


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-End of the report-

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