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卓時檢測  
TIMEWAY TESTING LABORATORY



ISO/IEC17025 Accredited Lab.

Report No: FCC 1104184

File reference No: 2011-05-12

Applicant: PDI Communication Systems. Inc

Product: LCD TV

Brand Name: N/A

Model No: PDI-CV2200

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: May 12, 2011

**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



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: LCD TV  
Manufacturer: WANLIDA GROUP CO., LTD.  
Address: WANLIDA INDUSTRY ZONE, NANJING, FUJIAN, CHINA. 363601  
Brand Name: N/A  
Model Number: PDI-CV2200  
Additional Model Number: N/A  
Rating: Input: 120V, 50/60Hz, 60W  
Remark: --

### 1.4 Submitted Sample: 1 Sample

### 1.5 Test Duration

2011-04-25 to 2011-05-12

### 1.6 Test Uncertainty

Conducted Emissions Uncertainty = 3.6dB  
Radiated Emissions Uncertainty = 4.7dB

### 1.7 Test Engineer

The sample tested by

Print Name: Brown Lu

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## 2.0 List of Measurement Equipment

### 2.1 Conducted Emission Test

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
EMI Test Receiver	ESH3	860905/006	RS	2011.4.27	1Year
Spectrum Analyzer	ESA-L1500A	US37451154	HP	2011.4.27	1Year
PULSE LIMITER	ESH3-Z2	100281	RS	2011.4.27	1Year
LISN	ESH3-Z5	100294	RS	2011.4.27	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

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
EMI Test Receiver	ESVD	100008	RS	2011.4.27	1Year
Coaxial Switch	MP59B	M70585	ANRITSU	N/A	N/A
Spectrum Analyzer	8595E	3441A00893	HP	2010.4.27	1Year
Amplifier	8447D	2727A05017	HP	2010.4.27	1Year
Bilog Antenna	VULB9163	9163/340	Schwarebeck	2011.4.27	1Year
Horn Antenna	BBHA9120D	1201	Schwarebeck	2010-5-14	1Year

### 2.3 Auxiliary Equipment

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle	FCCID/ DOC
PC	R400	--	IBM	--	--	FCC ID
Keyboard	KB-0225	--	IBM	--	--	DOC
Mouse	M-F105	--	L.SEletron	--	--	DOC
PS3	CECH-2012A	--	SONY	--	--	DOC
Earphone	--	--	--	--	--	--

### 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**

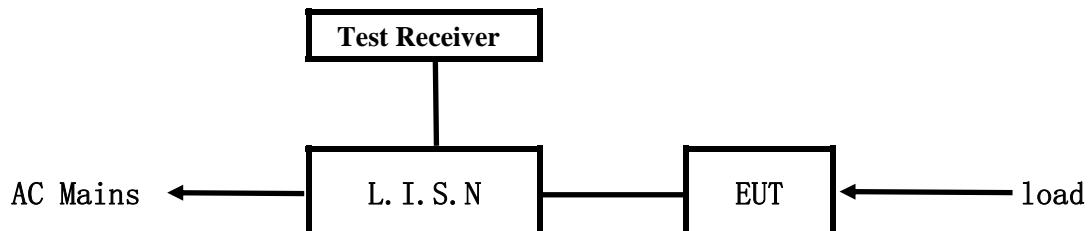
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#### 4.0 Conducted Power line Test

##### 4.1 Schematics of the test



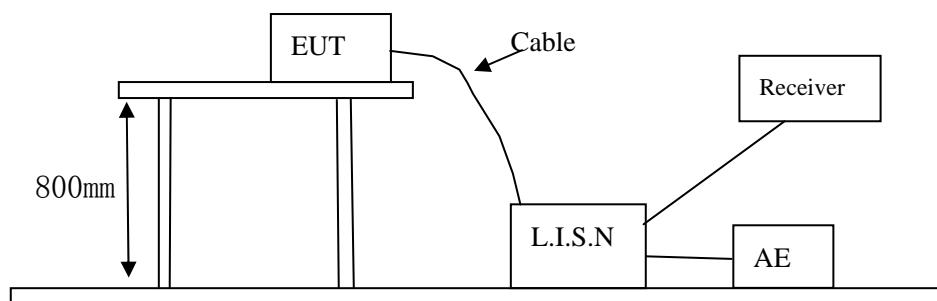
EUT: Equipment Under Test

##### 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

Frequency(MHz)	Class A Limits dB( $\mu$ V)		Class B Limits dB( $\mu$ V)	
	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level
0.15 ~ 0.50	79.00	66.00	66.00~56.00*	56.00~46.00*
0.50 ~ 5.00	73.00	60.00	56.00	46.00
5.00 ~ 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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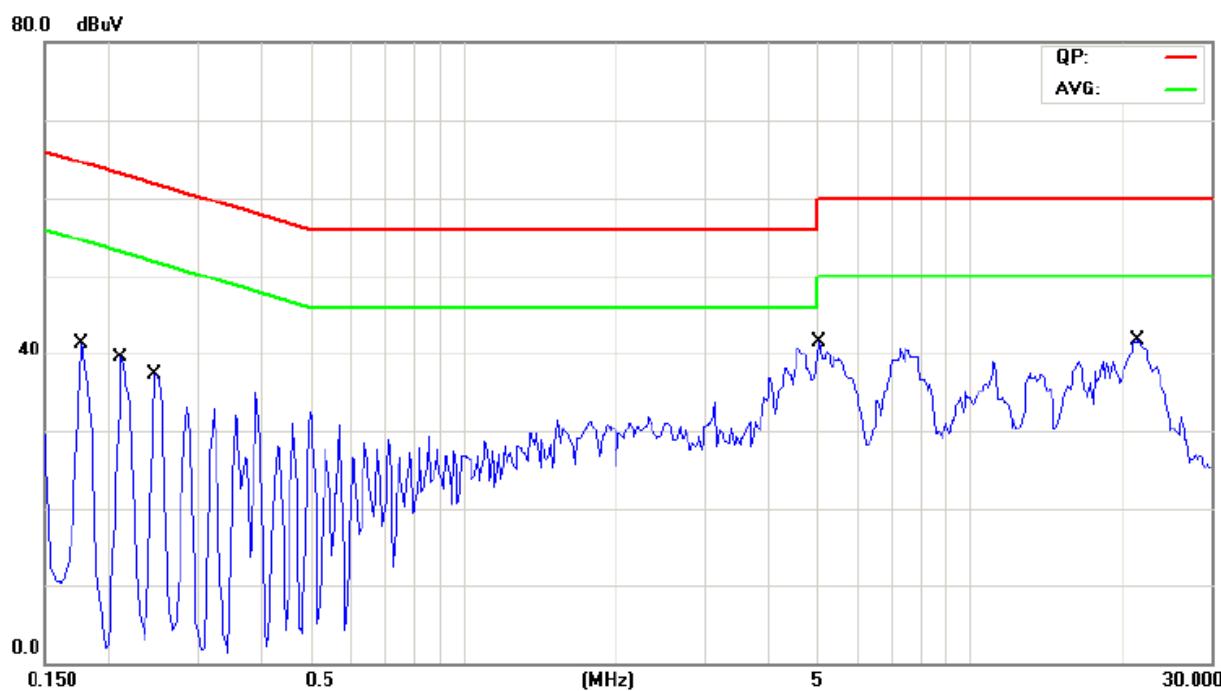
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**A: Conducted Emission on Live Terminal (150kHz to 30MHz)**
**EUT Operating Environment**

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 (MHz)	Line	Reading(dBμV)		Limit(dBμV)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Live	41.35	41.30	64.61	54.61
0.212	Live	39.50	35.89	63.11	53.11
0.247	Live	37.32	33.54	61.84	51.84
5.043	Live	41.41	40.89	60.00	50.00
21.597	Live	41.61	38.77	60.00	50.00

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

**EUT Operating Environment**

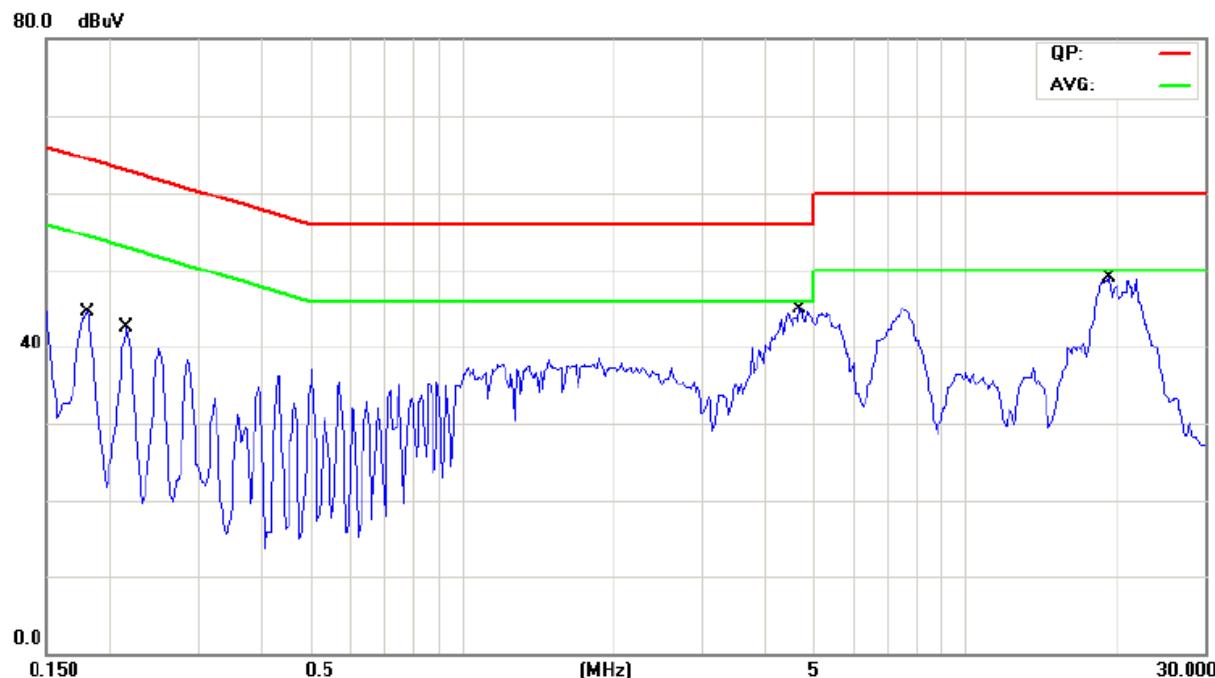
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input DTV54.31MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dBμV)		Limit(dBμV)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Neutral	44.42	41.78	64.43	54.43
0.216	Neutral	42.45	38.98	62.96	52.96
4.707	Neutral	44.87	39.89	56.00	46.00
19.324	Neutral	48.81	44.42	60.00	50.00

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

**EUT Operating Environment**

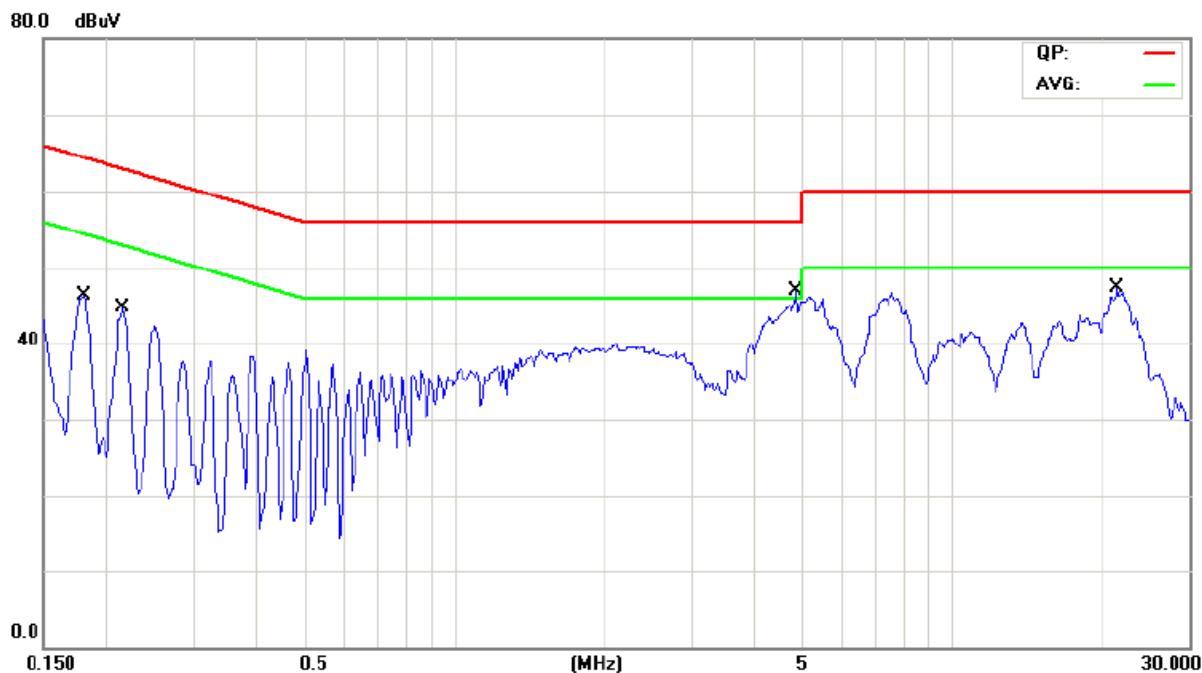
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input DTV198.31MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Live	46.23	43.68	64.43	54.43
0.216	Live	44.68	39.99	62.96	52.96
4.875	Live	46.81	43.90	56.00	46.00
21.523	Live	47.28	44.89	60.00	50.00

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

**EUT Operating Environment**

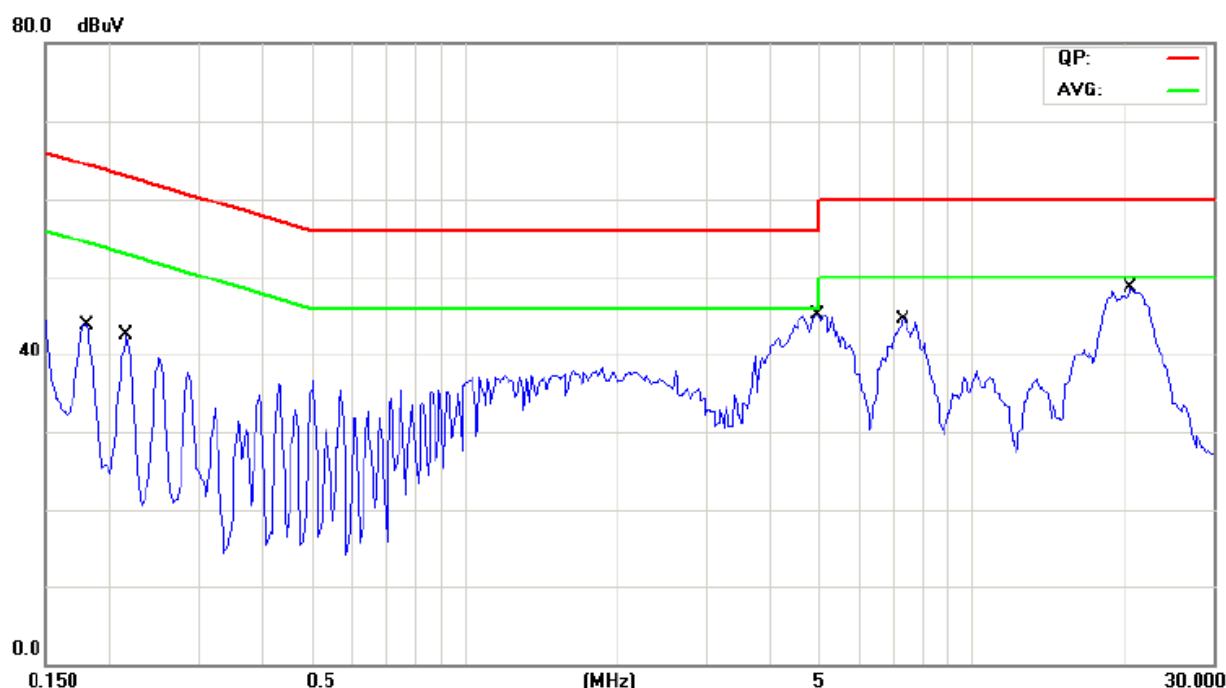
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input DTV198.31MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Neutral	43.71	39.98	64.43	54.43
0.216	Neutral	42.43	38.78	62.96	52.96
4.992	Neutral	45.10	41.83	56.00	46.00
7.339	Neutral	44.45	40.93	60.00	50.00
20.668	Neutral	48.58	45.34	60.00	50.00

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

### EUT Operating Environment

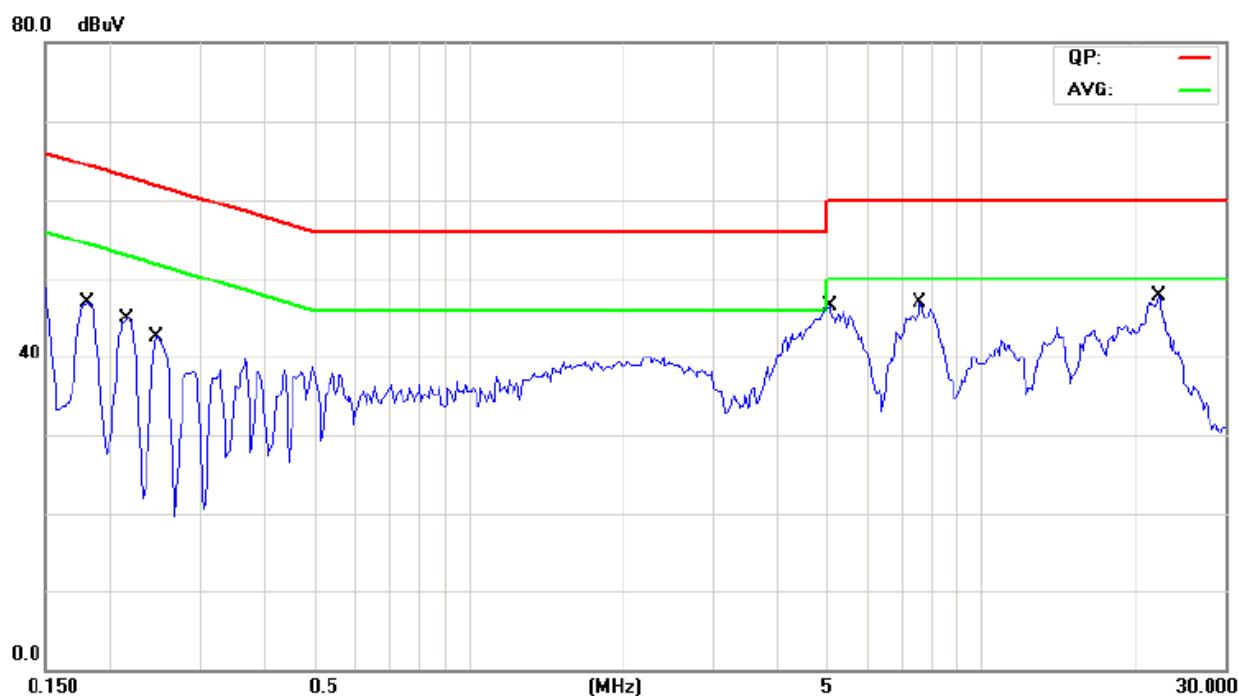
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input DTV 554.31MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Live	46.84	43.78	64.43	54.43
0.216	Live	44.99	40.43	62.96	52.96
0.247	Live	42.60	38.89	61.83	51.83
5.062	Live	46.54	41.43	60.00	50.00
7.632	Live	46.93	42.88	60.00	50.00
22.281	Live	47.62	40.43	60.00	50.00

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

**EUT Operating Environment**

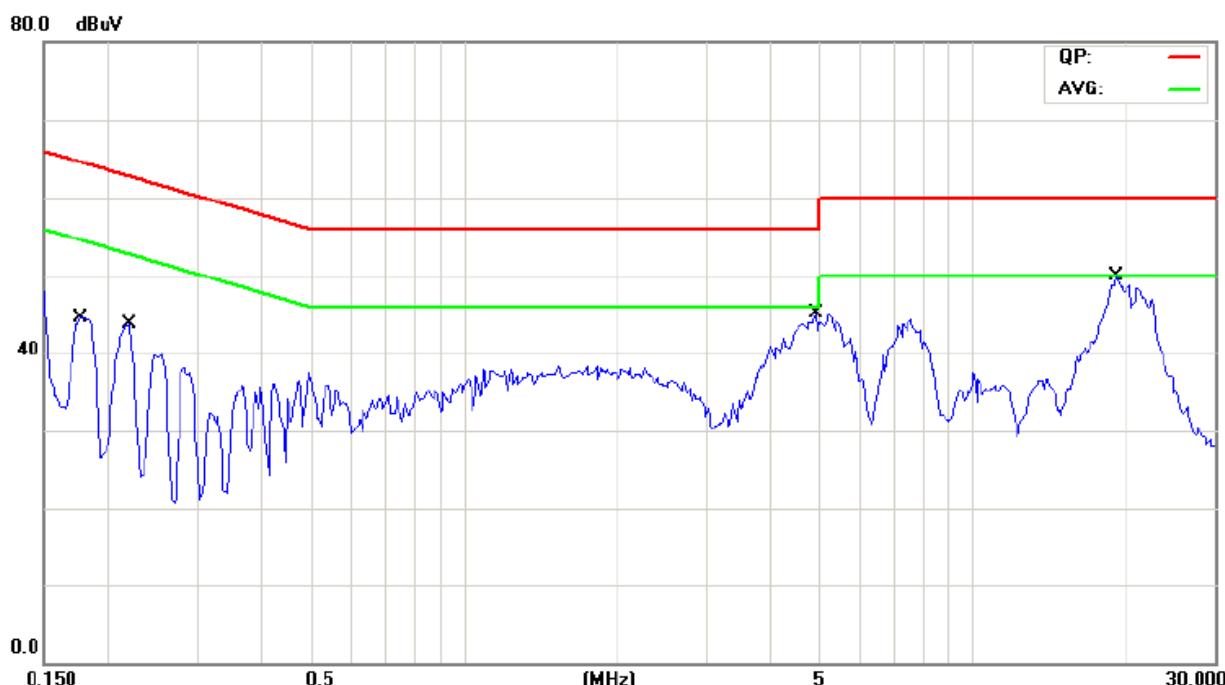
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input DTV 554.31MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Neutral	42.73	36.10	64.61	54.61
0.220	Neutral	40.62	29.78	62.81	52.81
4.929	Neutral	41.08	34.31	56.00	46.00
19.187	Neutral	43.91	33.38	60.00	50.00

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

### EUT Operating Environment

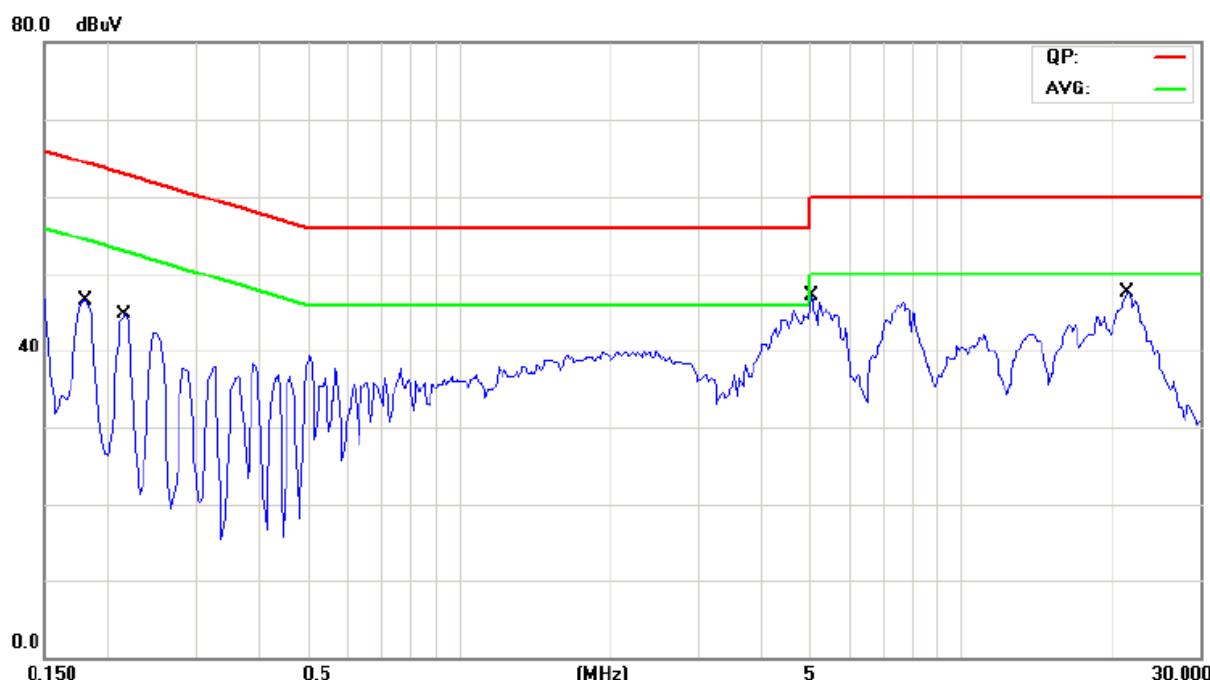
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV55.25 TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
21.461	Live	42.87	37.36	60.00	50.00
5.039	Live	42.06	35.73	60.00	50.00
0.181	Live	44.87	38.60	64.43	54.43
0.216	Live	42.67	37.81	62.92	52.92

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

**EUT Operating Environment**

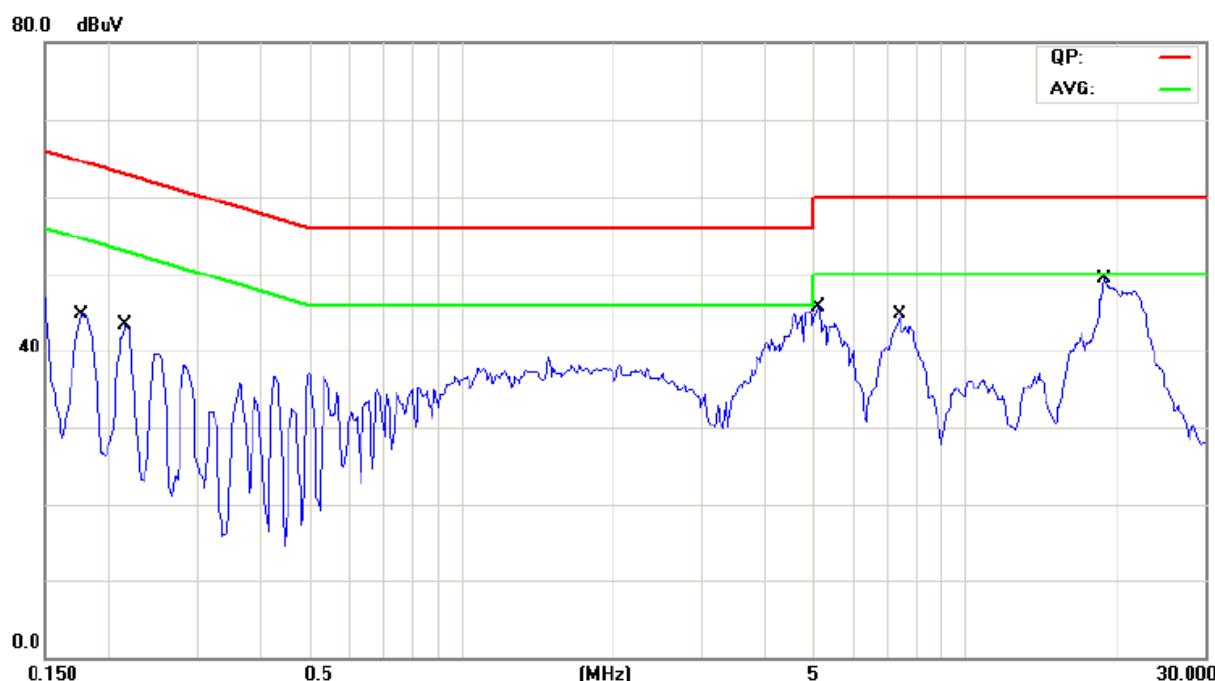
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV55.25 TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Neutral	43.54	36.41	64.61	54.61
0.216	Neutral	40.78	34.37	62.96	52.96
5.136	Neutral	40.13	33.04	60.00	50.00
7.429	Neutral	39.40	32.12	60.00	50.00
18.906	Neutral	43.97	32.91	60.00	50.00

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

### EUT Operating Environment

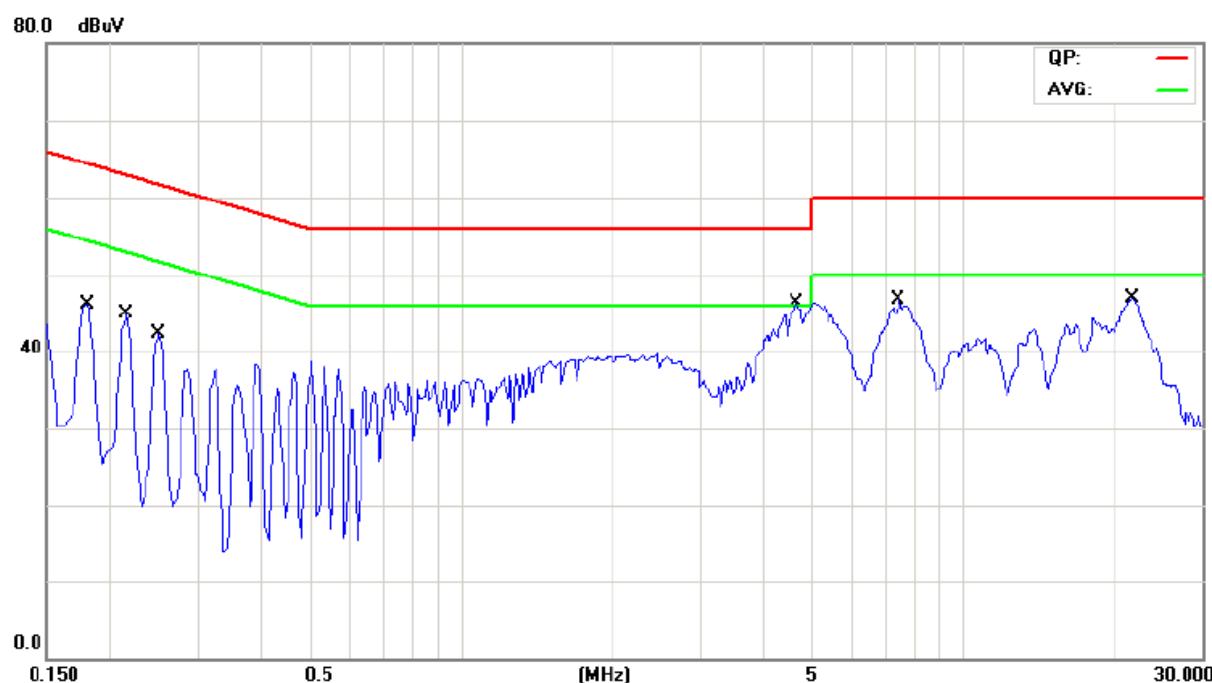
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV633.25 TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Live	46.17	38.69	64.43	54.43
0.216	Live	44.81	36.79	62.96	52.96
0.251	Live	42.28	34.54	61.71	51.71
4.656	Live	46.37	38.54	56.00	46.00
7.449	Live	46.76	39.43	60.00	50.00
21.726	Live	42.75	37.25	60.00	50.00

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

**EUT Operating Environment**

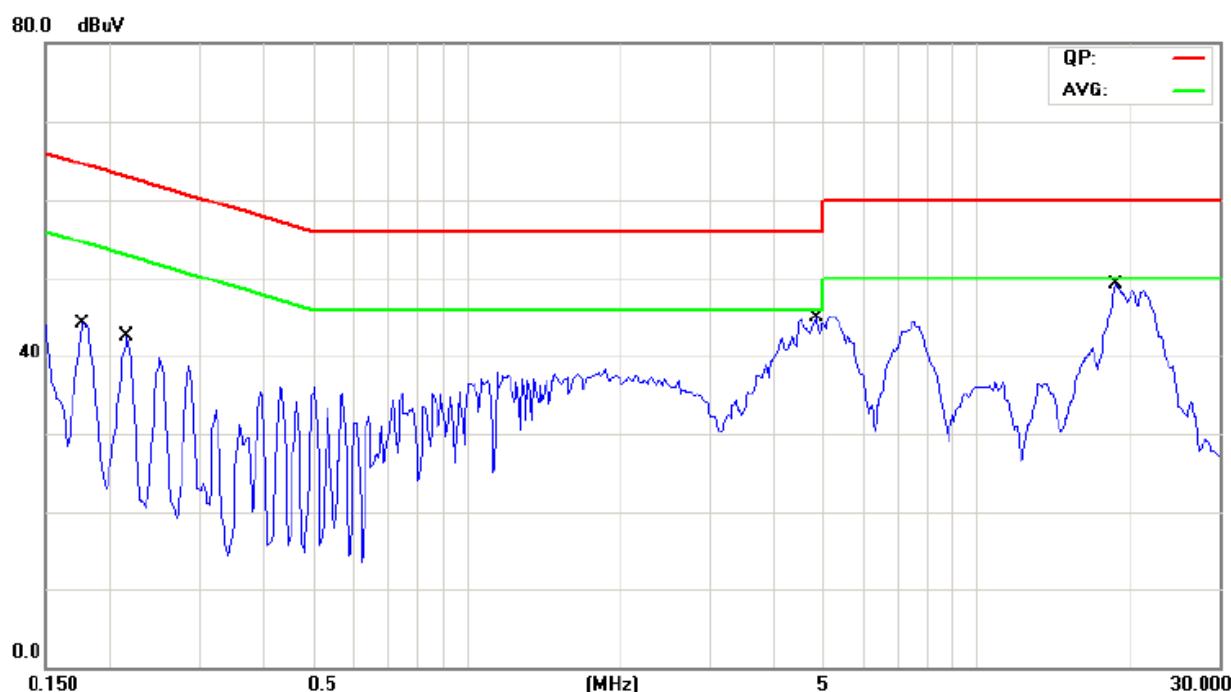
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV633.25 TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Neutral	44.05	39.65	64.61	54.61
0.216	Neutral	42.45	35.78	62.96	52.96
4.859	Neutral	44.82	38.79	56.00	46.00
17.738	Neutral	49.15	37.54	60.00	50.00

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

**EUT Operating Environment**

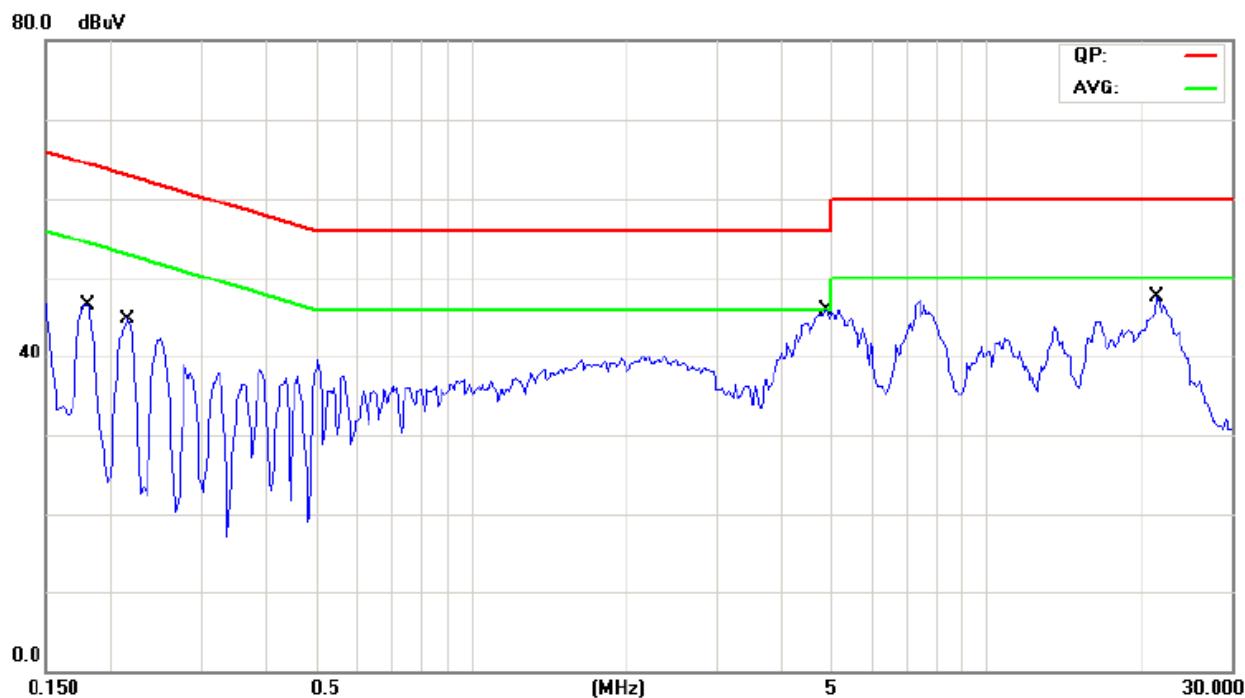
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV795.25 TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Live	44.83	42.55	64.43	54.43
0.216	Live	42.55	37.81	62.96	52.96
4.914	Live	41.38	34.78	56.00	46.00
21.394	Live	42.67	37.16	60.00	50.00

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

**EUT Operating Environment**

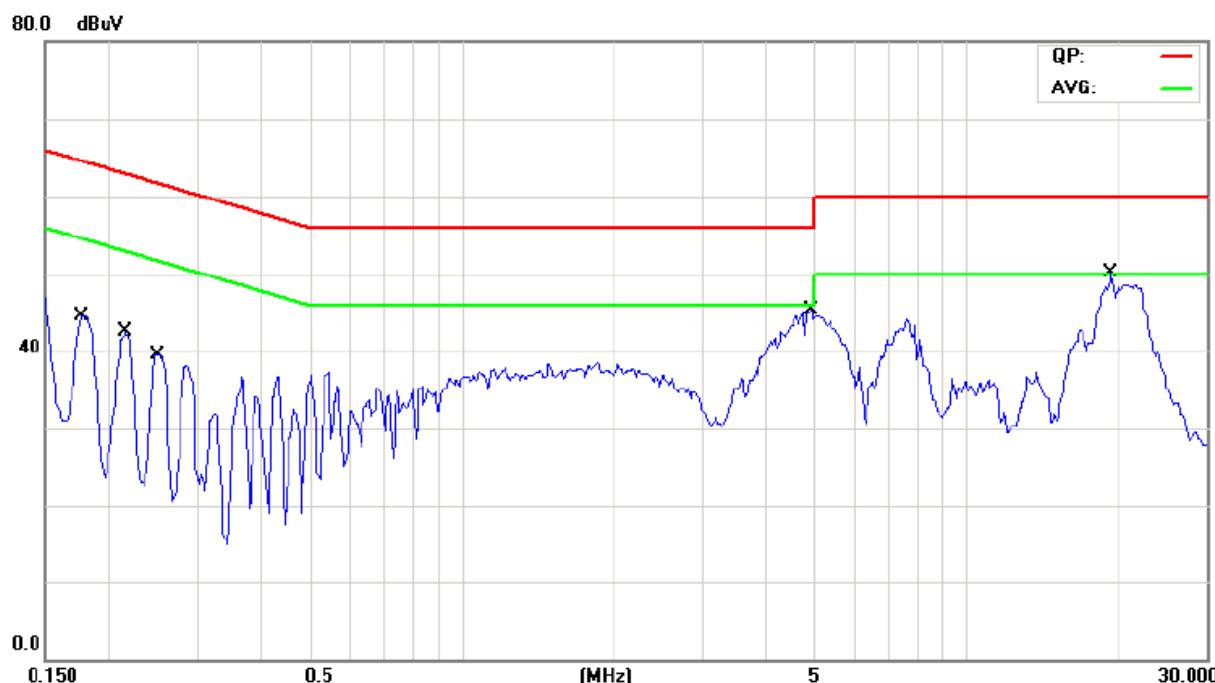
Temperature: 25°C      Humidity: 75% RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV795.25 TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Neutral	44.56	38.03	64.61	54.61
0.216	Neutral	42.49	37.82	62.96	52.96
0.251	Neutral	39.58	32.89	61.71	51.71
4.941	Neutral	45.37	40.34	56.00	46.00
19.347	Neutral	50.09	45.54	60.00	50.00

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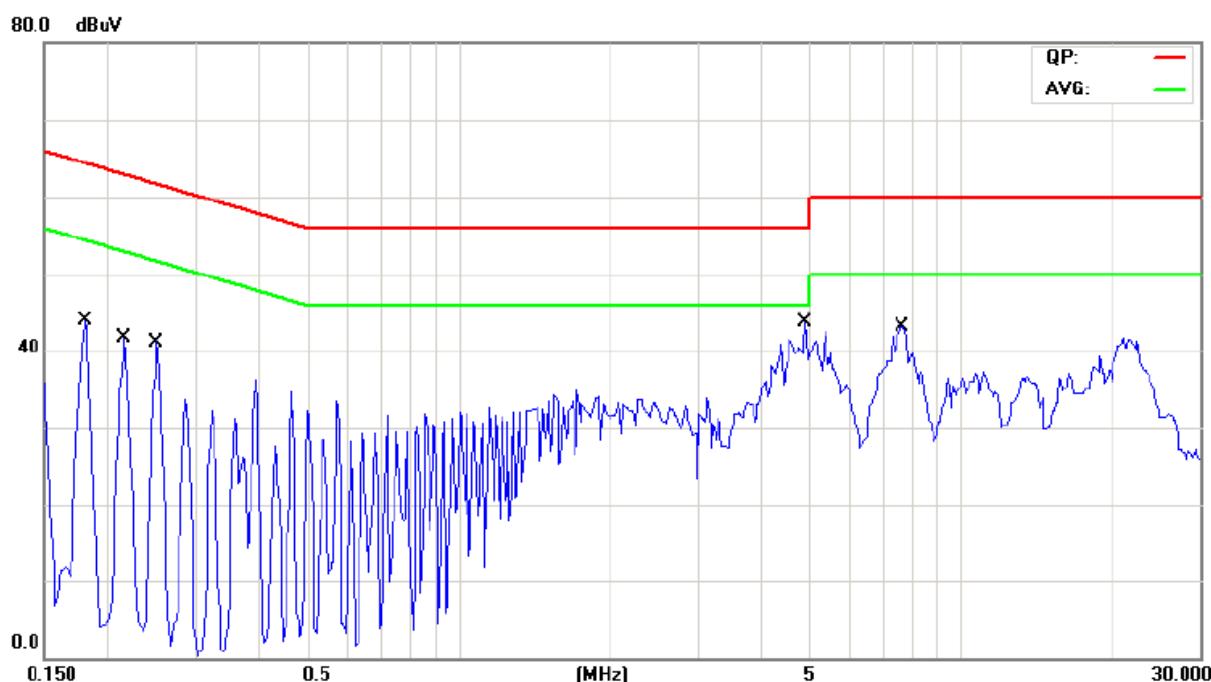
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**M: Conducted Emission on Live Terminal (150kHz to 30MHz)****EUT Operating Environment**

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 (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Live	44.99	39.22	64.43	54.43
0.216	Live	42.85	38.05	62.96	52.96
0.251	Live	41.44	38.11	61.70	51.70
4.906	Live	42.44	34.40	56.00	46.00
7.679	Live	43.11	35.81	60.00	50.00

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

**EUT Operating Environment**

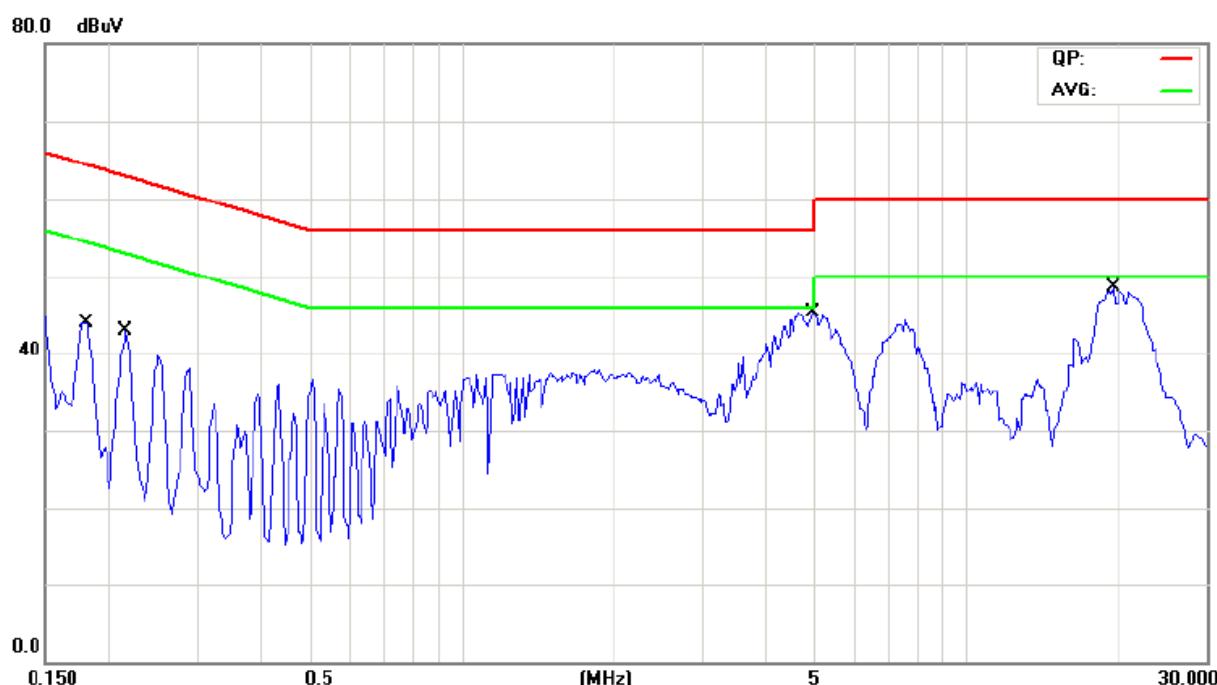
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: AV-IN**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Neutral	43.24	36.56	64.43	54.43
0.216	Neutral	40.62	34.47	62.96	52.96
4.976	Neutral	42.04	34.04	56.00	46.00
19.629	Neutral	42.80	33.03	60.00	50.00

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

**EUT Operating Environment**

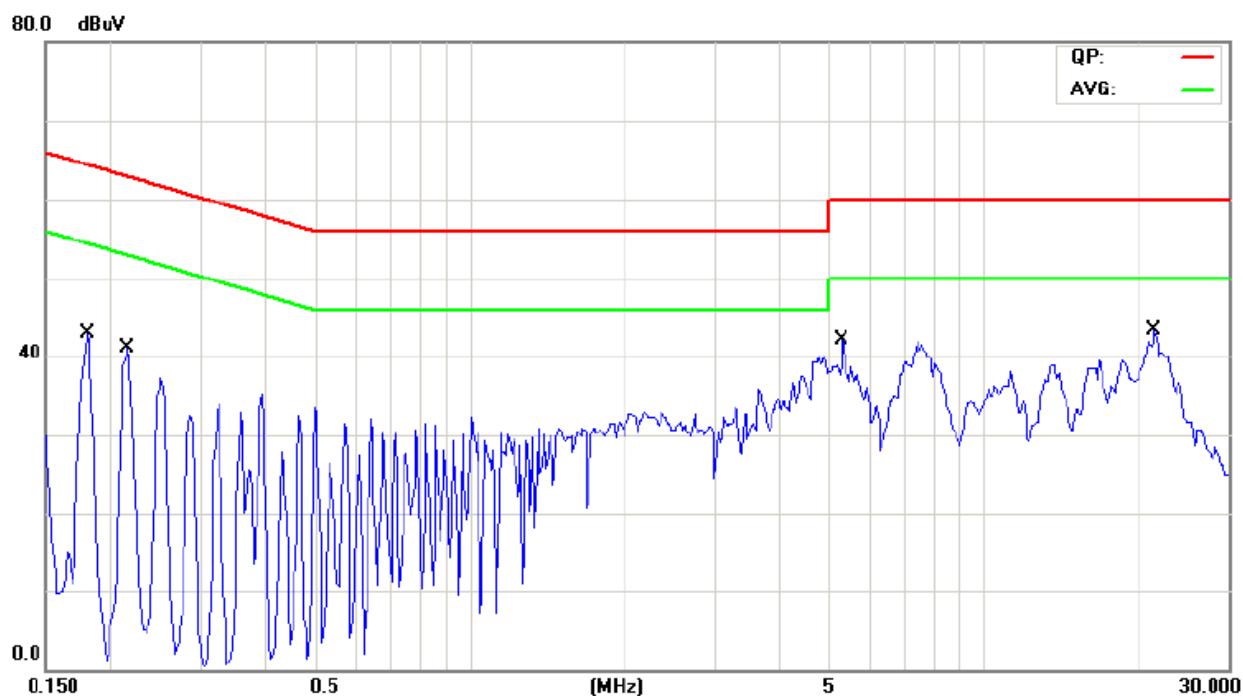
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: HDMI 1**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Live	44.93	39.17	64.43	54.43
0.216	Live	42.81	38.12	62.96	52.96
5.328	Live	42.67	34.13	60.00	50.00
21.558	Live	42.56	37.03	60.00	50.00

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

**EUT Operating Environment**

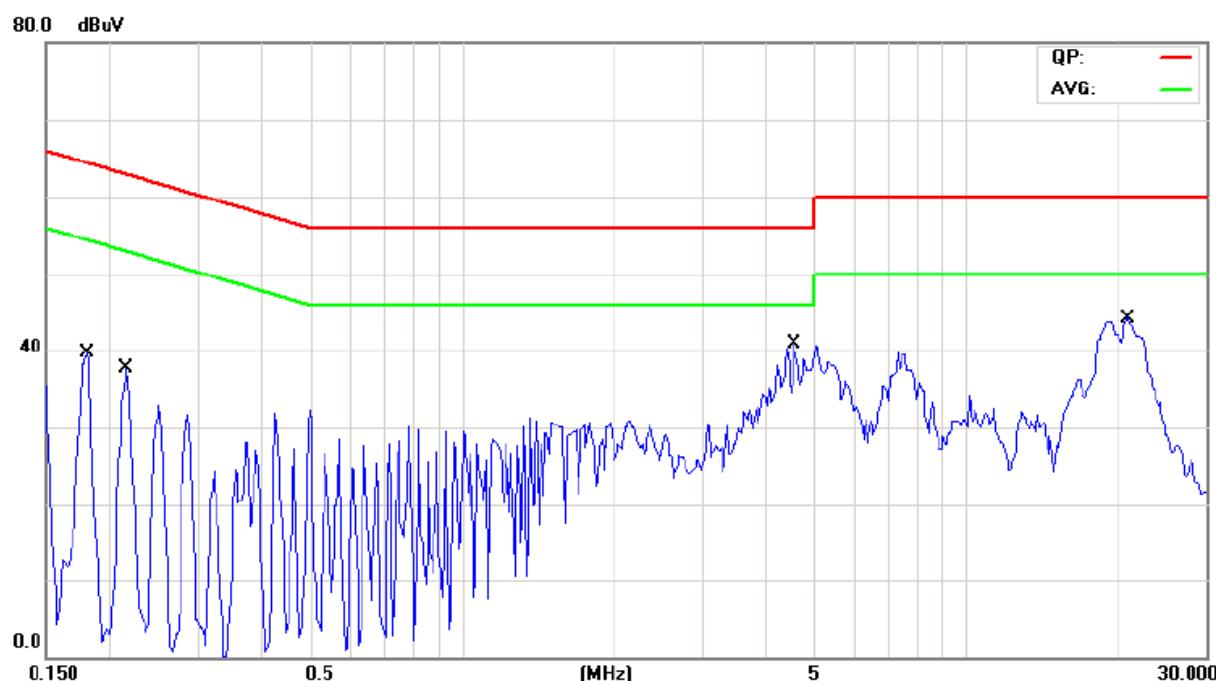
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: HDMI 1**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Neutral	42.89	36.10	64.43	54.43
0.216	Neutral	40.82	34.66	62.96	52.96
4.558	Neutral	40.47	32.79	56.00	46.00
20.996	Neutral	43.45	37.96	60.00	50.00

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

**EUT Operating Environment**

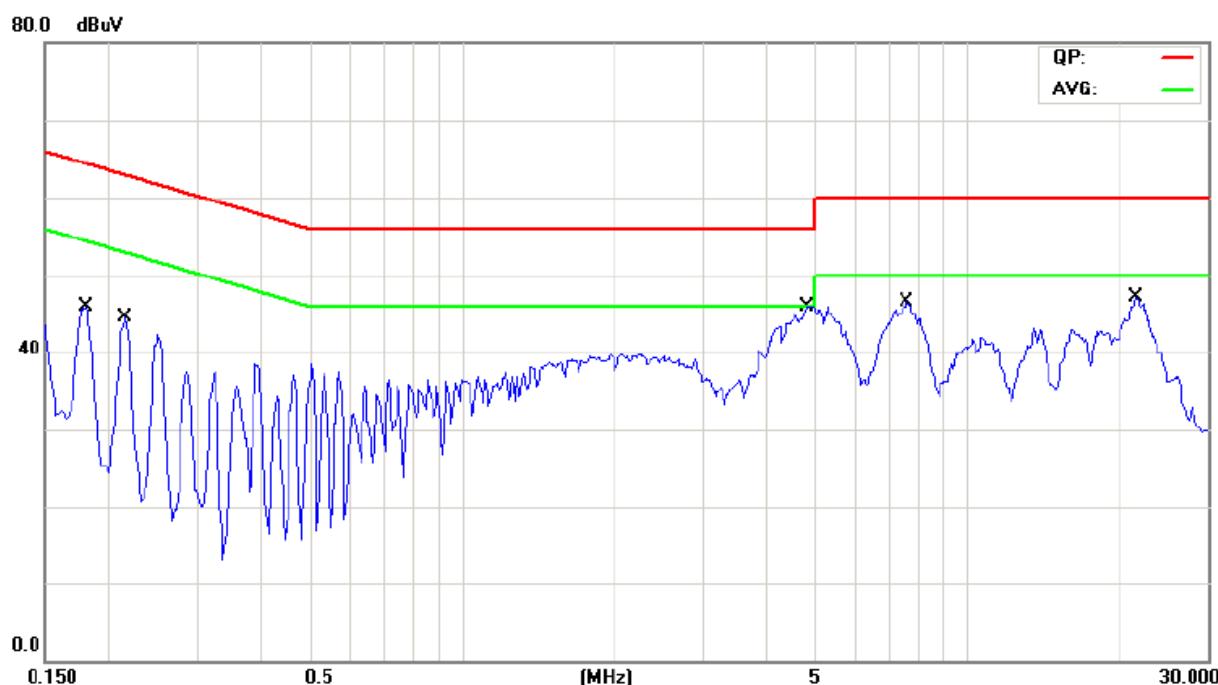
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input FM 107.9 MHz Radio Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Live	44.61	38.83	64.43	54.43
0.216	Live	42.65	37.93	62.96	52.96
4.839	Live	42.07	35.45	56.00	46.00
7.629	Live	42.11	35.15	60.00	50.00
21.636	Live	42.94	37.46	60.00	50.00

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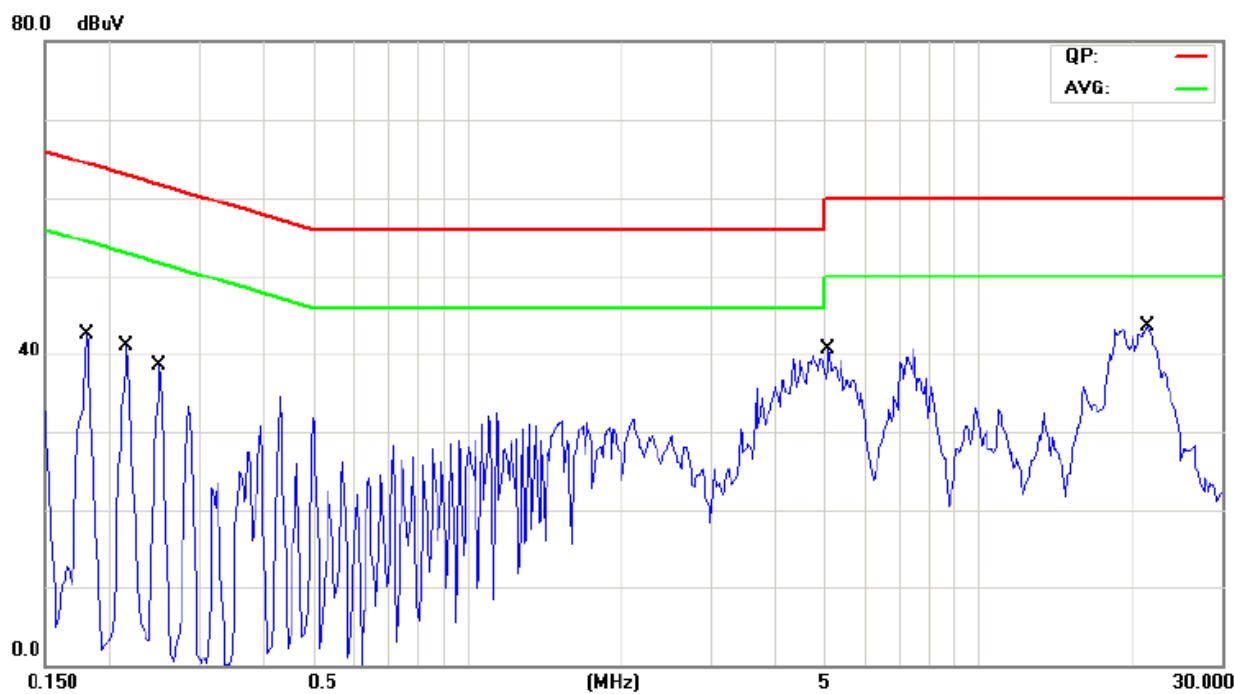
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**R: Conducted Emission on Neutral Terminal (150kHz to 30MHz)**
**EUT Operating Environment**

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

**EUT set Condition: Input FM 107.9 MHz Radio Signal**
**Equipment Level: Class B**
**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Neutral	42.77	36.18	64.43	54.43
0.216	Neutral	40.46	34.37	62.96	52.96
0.251	Neutral	38.74	32.89	61.70	51.70
5.101	Neutral	41.64	32.91	60.00	50.00
21.402	Neutral	43.32	37.76	60.00	50.00

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

**EUT Operating Environment**

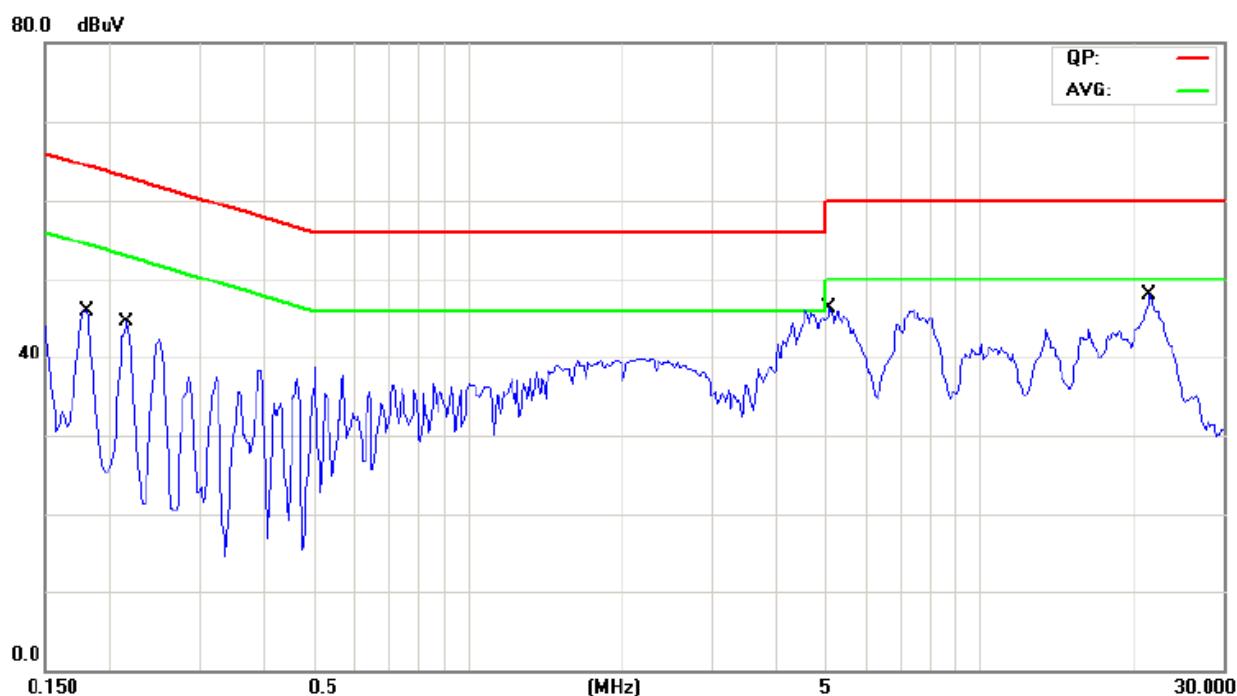
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input FM98.1MHz Radio Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dBμV)		Limit(dBμV)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Live	44.65	38.83	64.43	54.43
0.216	Live	42.73	37.99	62.96	52.96
5.109	Live	42.46	33.89	60.00	50.00
21.593	Live	42.90	37.46	60.00	50.00

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

**EUT Operating Environment**

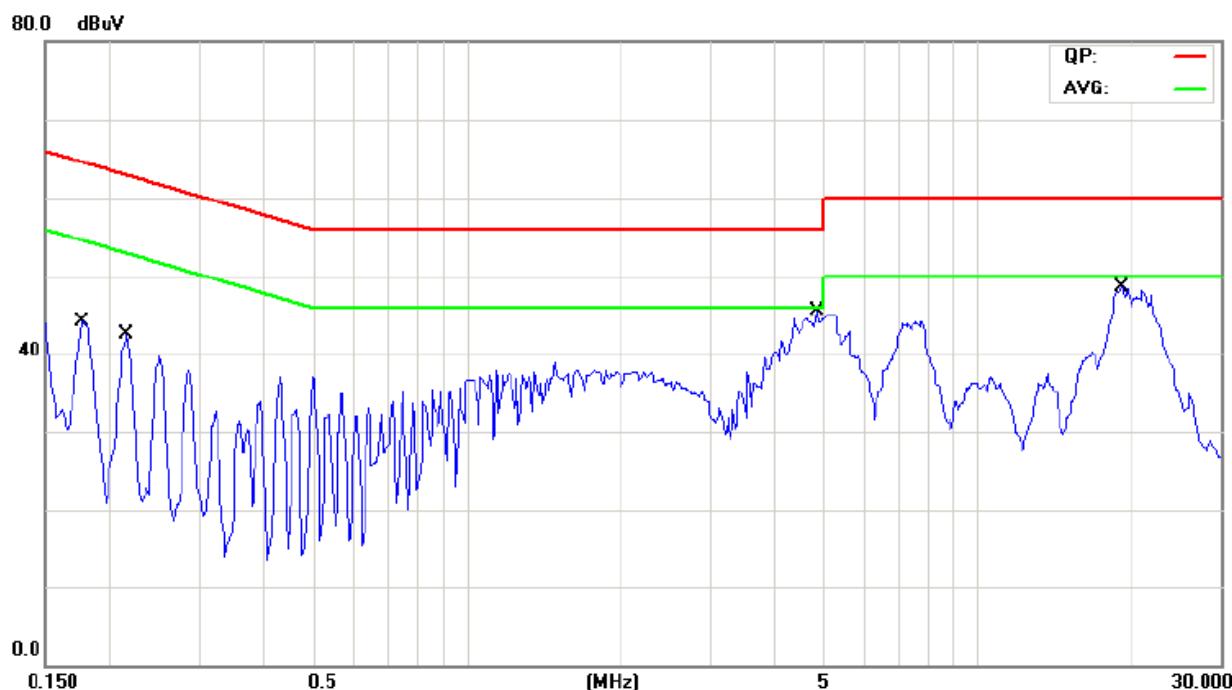
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input FM98.1MHz Radio Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Neutral	42.79	36.18	64.61	54.61
0.216	Neutral	40.15	34.37	62.96	52.96
4.851	Neutral	41.76	32.57	56.00	46.00
19.222	Neutral	43.29	32.59	60.00	50.00

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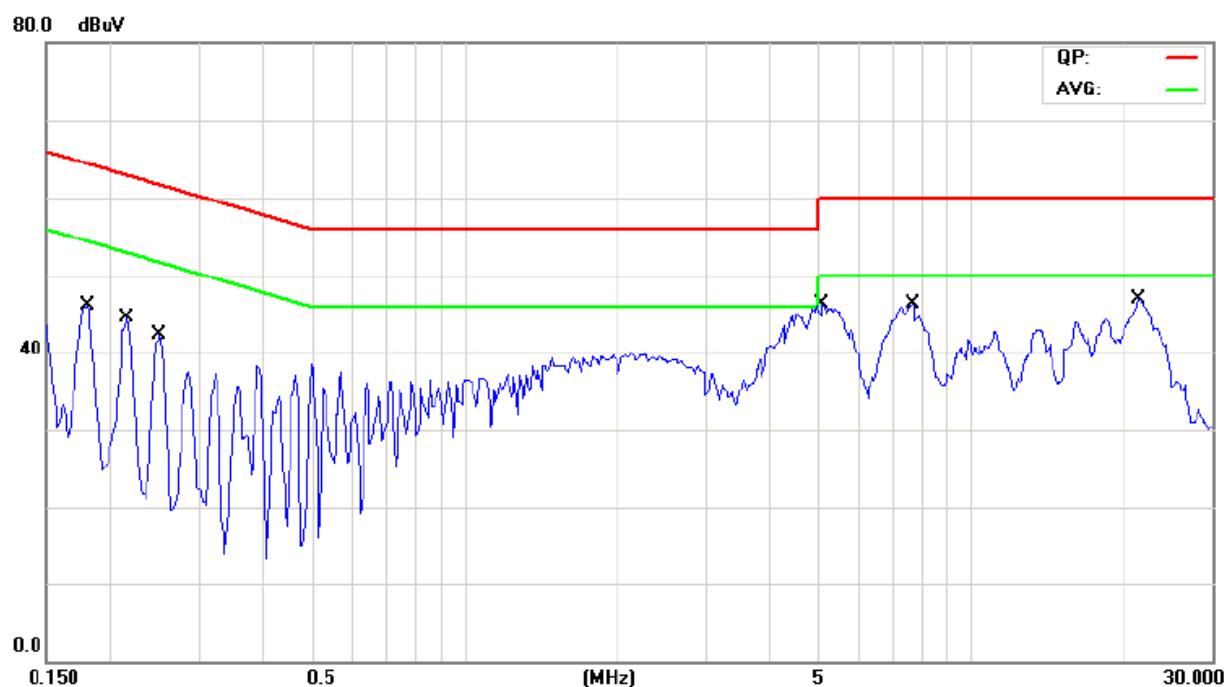
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**U: Conducted Emission on Live Terminal (150kHz to 30MHz)****EUT Operating Environment**

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 (MHz)	Line	Reading(dBμV)		Limit(dBμV)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Live	44.65	38.89	64.43	54.43
0.216	Live	42.71	37.99	62.96	52.96
0.251	Live	41.44	38.23	61.70	51.70
5.109	Live	42.28	33.42	60.00	50.00
7.726	Live	42.45	35.47	60.00	50.00
21.449	Live	42.73	37.23	60.00	50.00

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

**EUT Operating Environment**

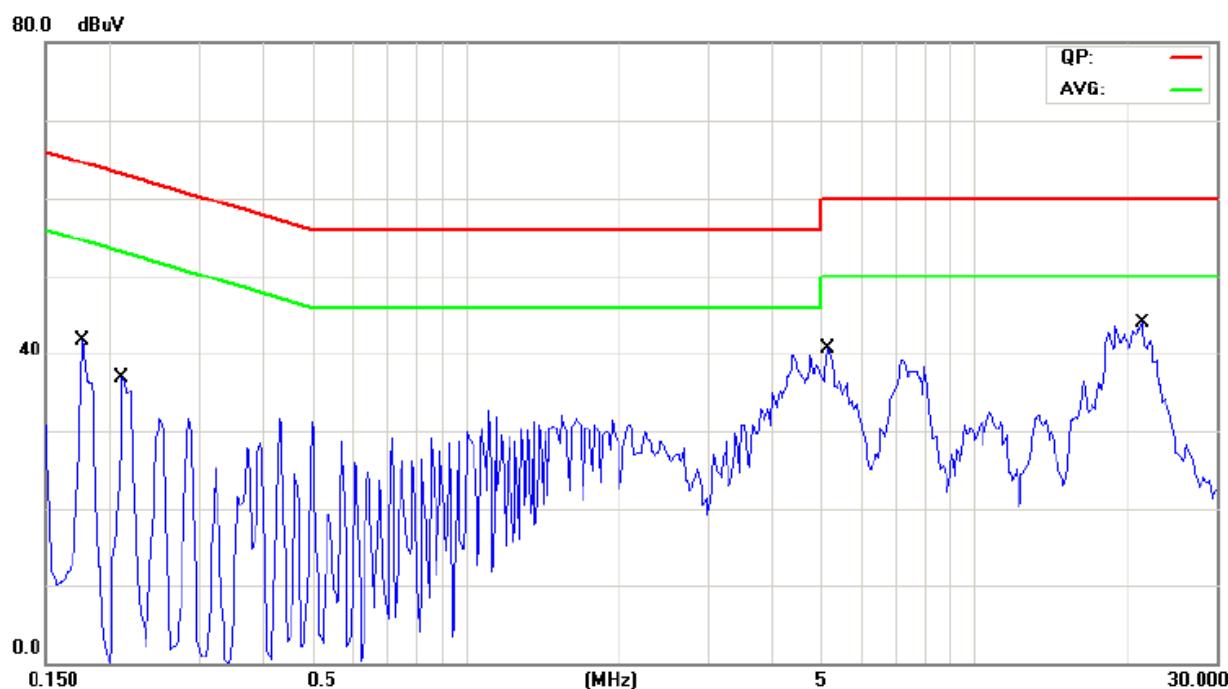
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input FM88.1MHz Radio Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Neutral	42.99	36.26	64.61	54.61
0.212	Neutral	38.57	32.85	63.11	53.11
5.144	Neutral	39.76	31.69	60.00	50.00
21.437	Neutral	43.22	37.76	60.00	50.00

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

**EUT Operating Environment**

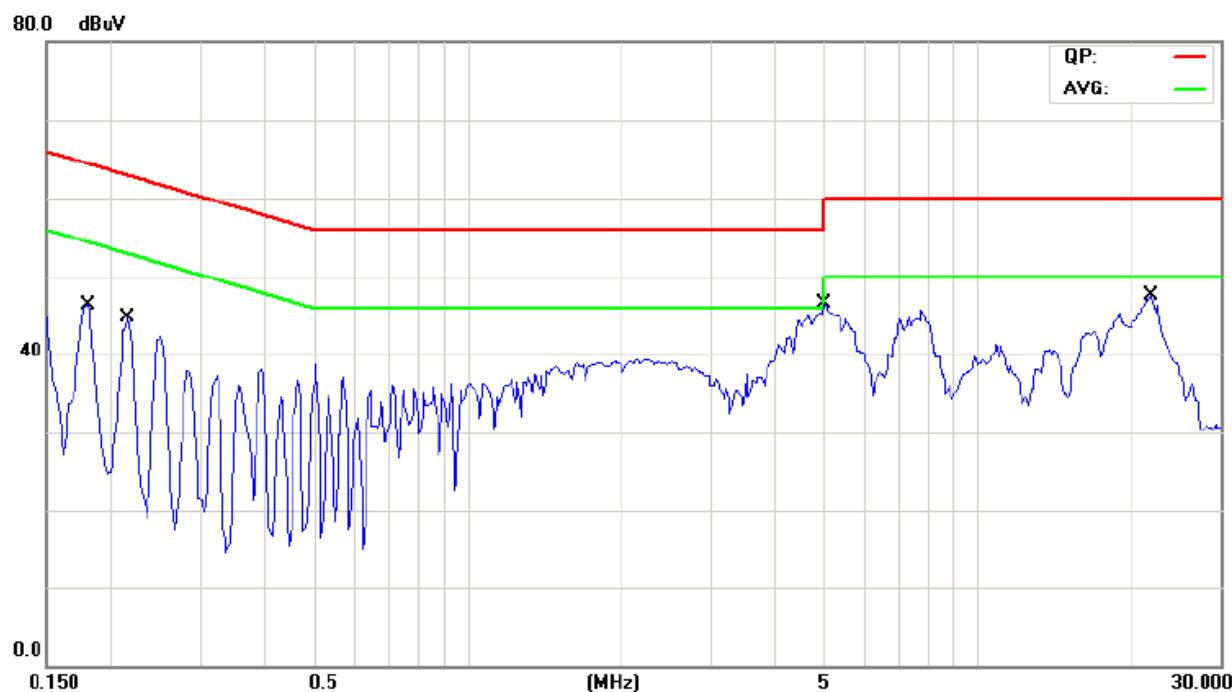
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: LAN**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Live	44.91	38.95	64.43	54.43
0.216	Live	42.93	37.99	62.96	52.96
5.023	Live	42.15	35.47	60.00	50.00
21.894	Live	42.93	37.49	60.00	50.00

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

**EUT Operating Environment**

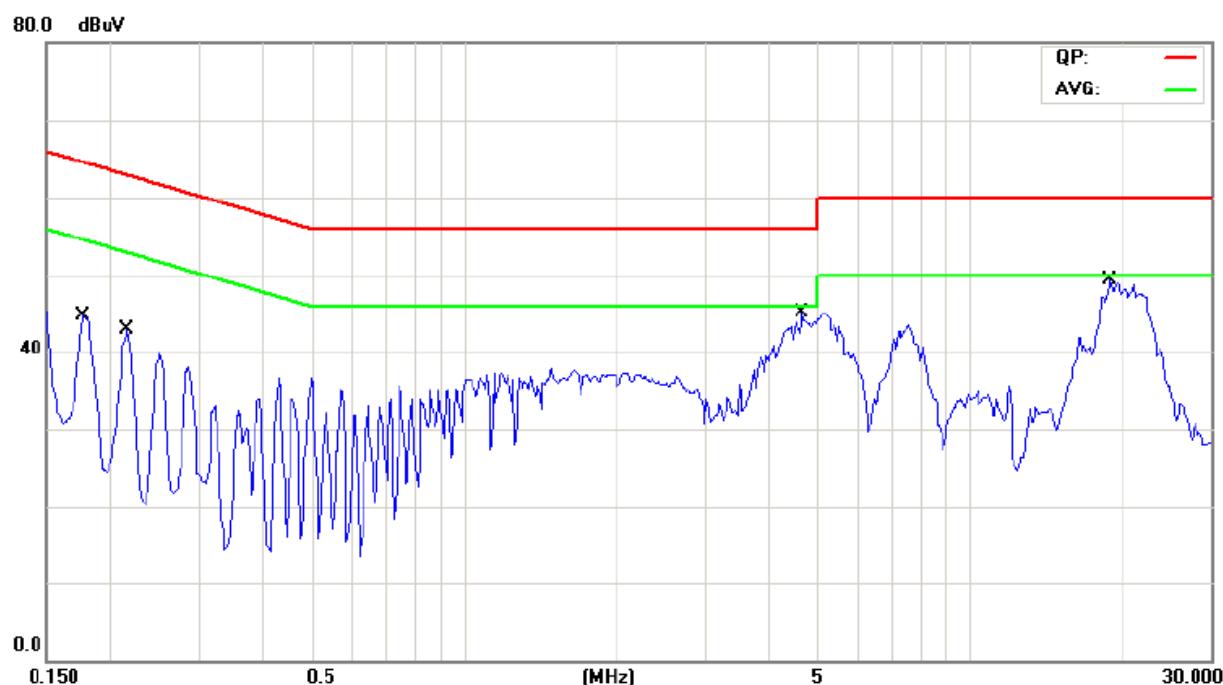
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: LAN**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Neutral	43.18	36.41	64.61	54.61
0.216	Neutral	40.92	34.70	62.96	52.96
4.672	Neutral	40.32	32.22	56.00	46.00
18.968	Neutral	44.43	33.63	60.00	50.00

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

**EUT Operating Environment**

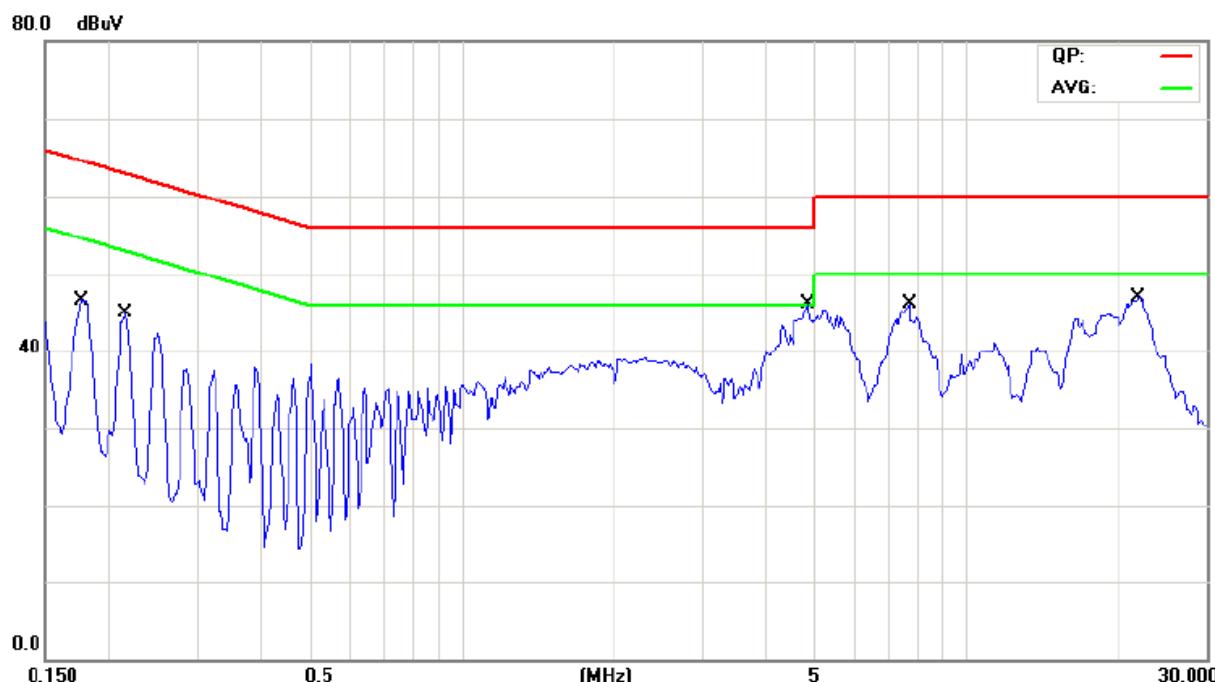
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: VGA ( 800\*600) Connected to PC**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Live	45.47	39.27	64.61	54.61
0.216	Live	42.97	37.99	62.96	52.96
4.867	Live	41.32	35.07	56.00	46.00
7.730	Live	41.17	35.22	60.00	50.00
21.961	Live	43.16	37.70	60.00	50.00

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

**EUT Operating Environment**

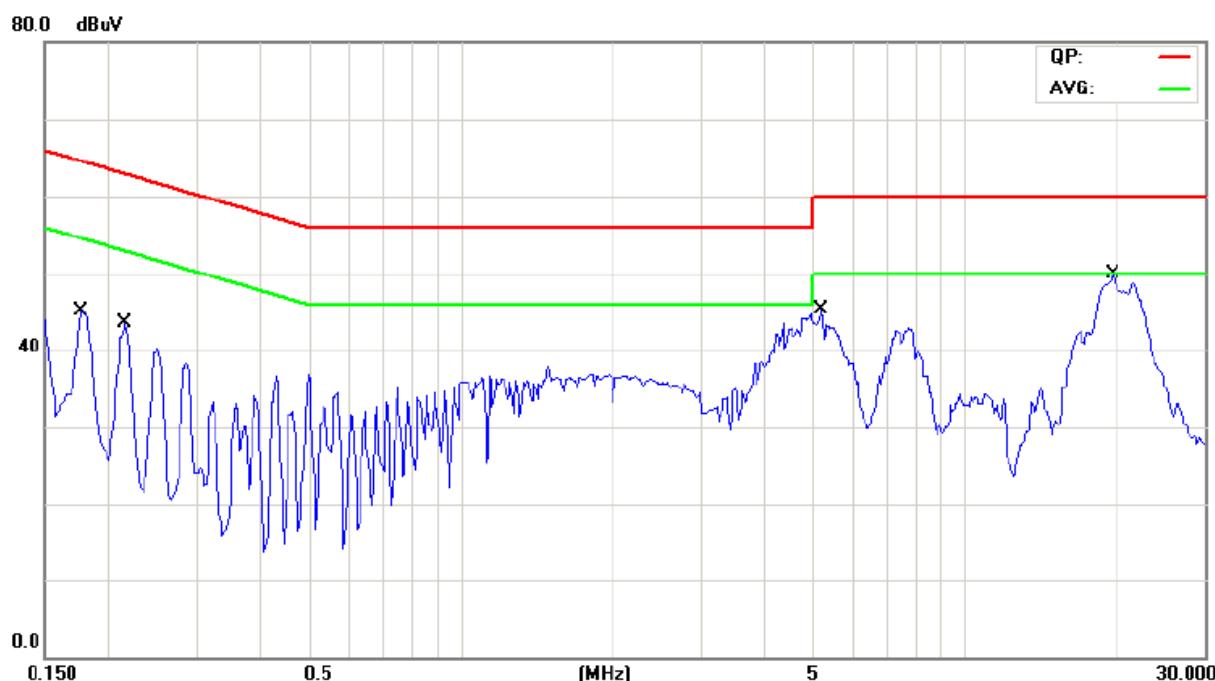
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: VGA ( 800\*600) Connected to PC**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Neutral	43.80	36.92	64.61	54.61
0.216	Neutral	41.35	34.93	62.96	52.96
5.199	Neutral	41.32	34.74	60.00	50.00
19.691	Neutral	44.19	35.290	60.00	50.00

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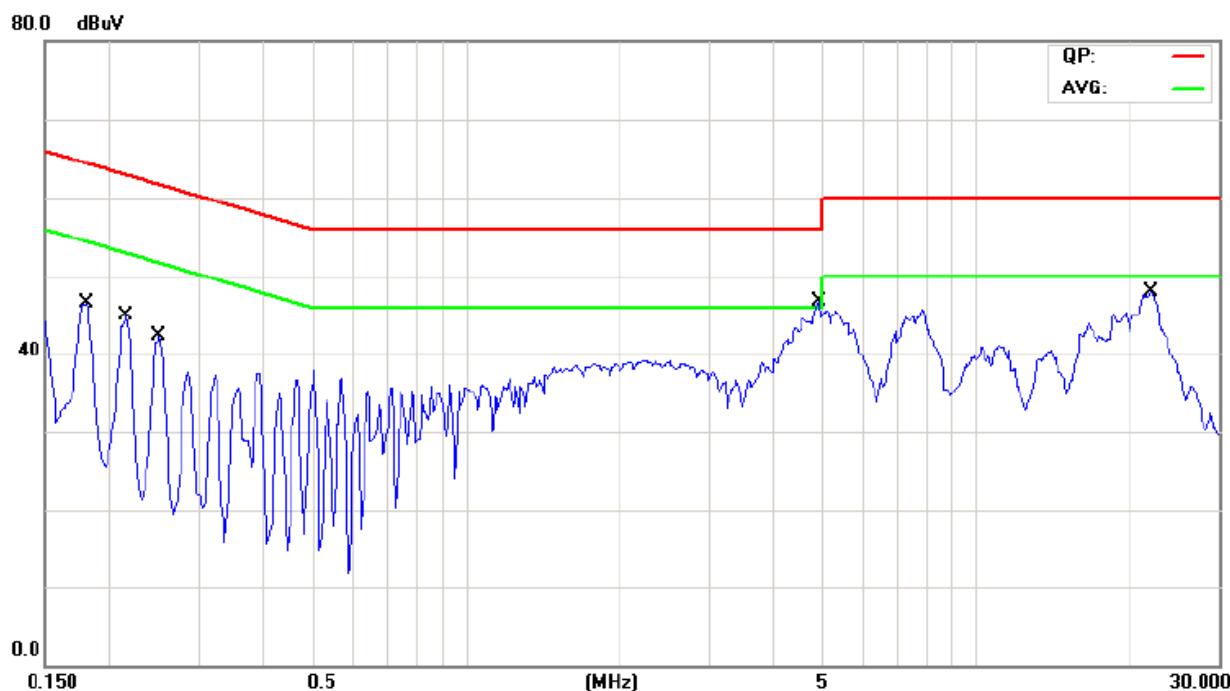
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**A1: Conducted Emission on Live Terminal (150kHz to 30MHz)**
**EUT Operating Environment**

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

**EUT set Condition: VGA ( 1024\*768) Connected to PC**
**Equipment Level: Class B**
**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.181	Live	44.95	38.89	64.43	54.43
0.216	Live	42.93	38.05	62.96	52.96
0.251	Live	41.38	37.92	61.70	51.70
4.929	Live	42.06	34.92	56.00	46.00
22.101	Live	42.90	37.46	60.00	50.00

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**B1: Conducted Emission on Neutral Terminal (150kHz to 30MHz)**

**EUT Operating Environment**

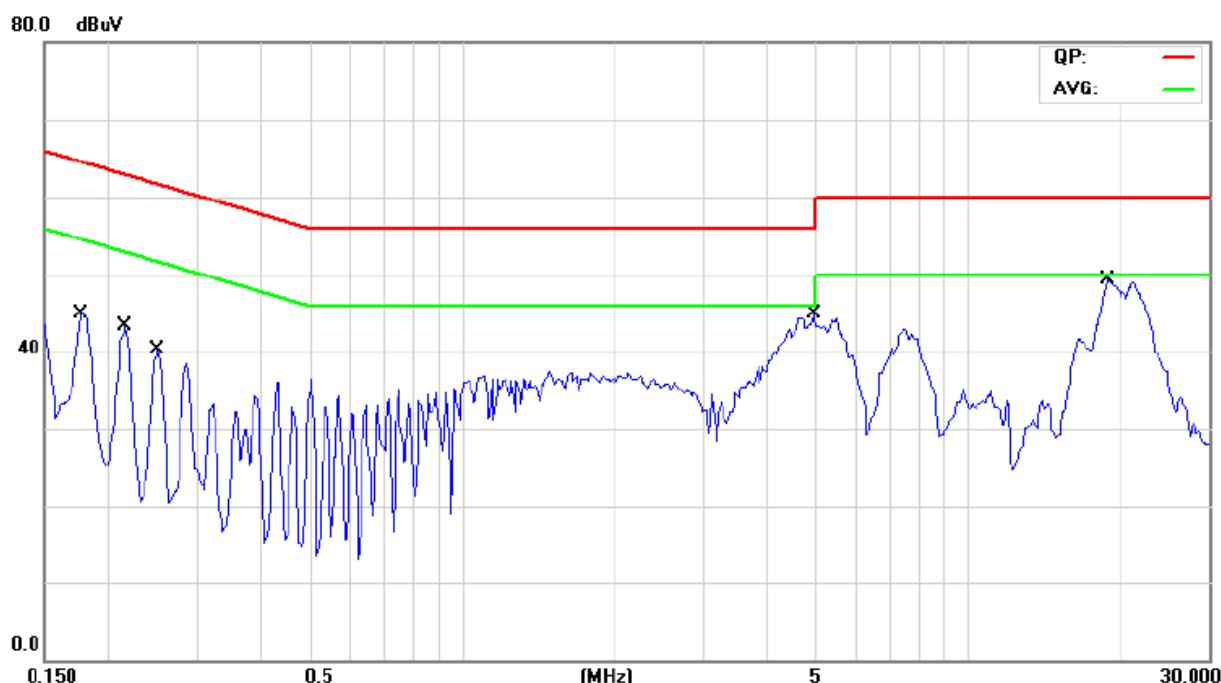
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: VGA ( 1024\*768) Connected to PC**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Neutral	43.54	36.70	64.61	54.61
0.216	Neutral	41.19	34.83	62.96	52.96
0.251	Neutral	39.31	33.40	61.70	51.70
4.960	Neutral	40.39	32.25	56.00	46.00
18.859	Neutral	44.23	33.25	60.00	50.00

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### C1: Conducted Emission on Live Terminal (150kHz to 30MHz)

#### EUT Operating Environment

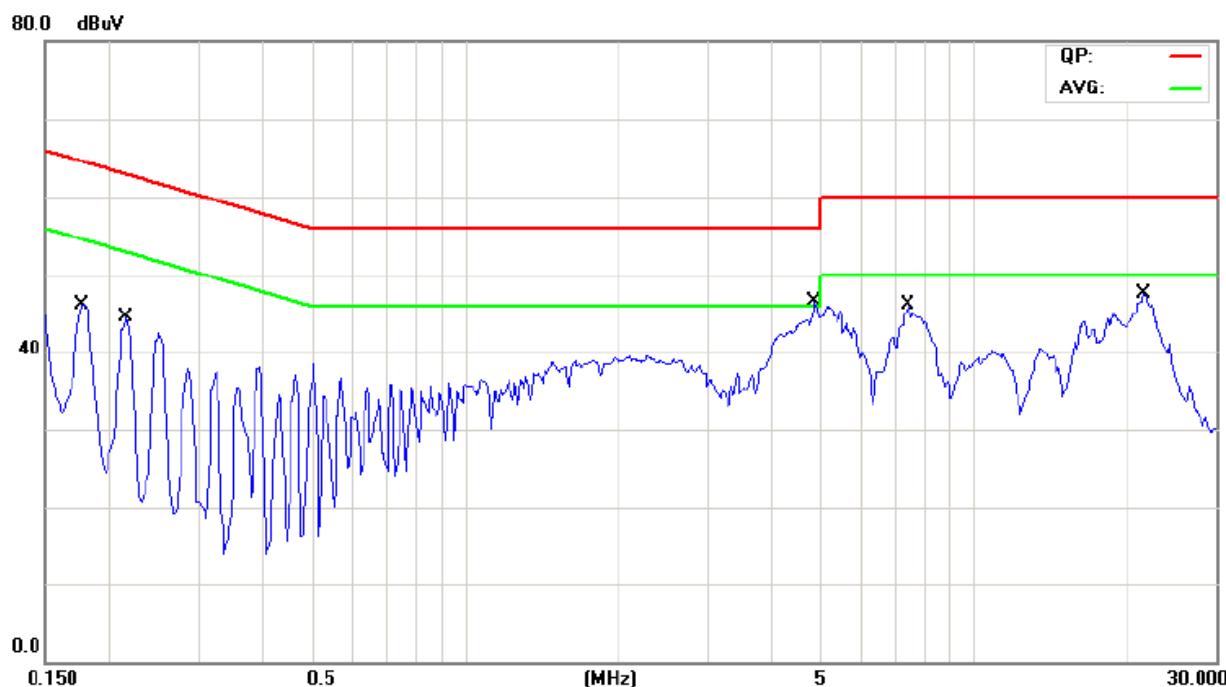
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: VGA ( 1200\*1024 ) Connected to PC**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Live	44.81	38.89	64.61	54.61
0.216	Live	42.95	37.99	62.96	52.96
4.875	Live	41.97	35.89	56.00	46.00
7.461	Live	41.53	35.39	60.00	50.00
21.629	Live	42.98	37.53	60.00	50.00

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**D1: Conducted Emission on Neutral Terminal (150kHz to 30MHz)**

**EUT Operating Environment**

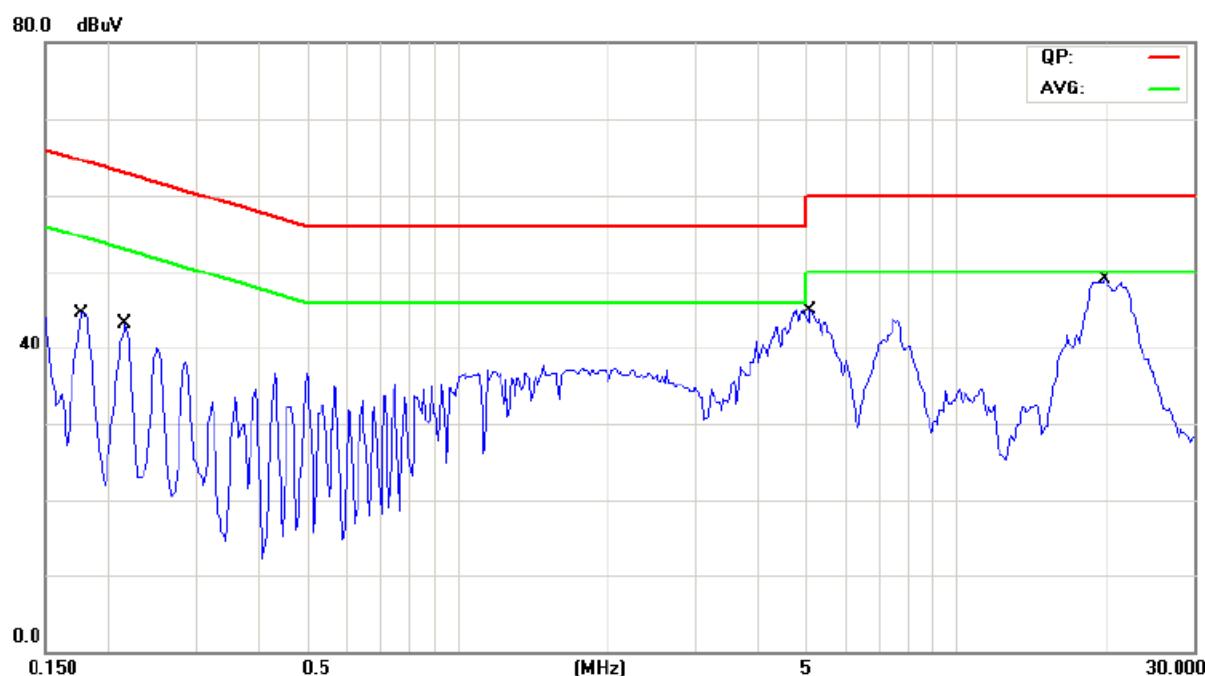
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: VGA ( 1200\*1024) Connected to PC**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dBμV)		Limit(dBμV)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Neutral	43.42	36.56	64.61	54.61
0.216	Neutral	41.11	34.79	62.96	52.96
5.085	Neutral	40.52	33.19	60.00	50.00
19.859	Neutral	43.38	34.90	60.00	50.00

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### E1: Conducted Emission on Live Terminal (150kHz to 30MHz)

#### EUT Operating Environment

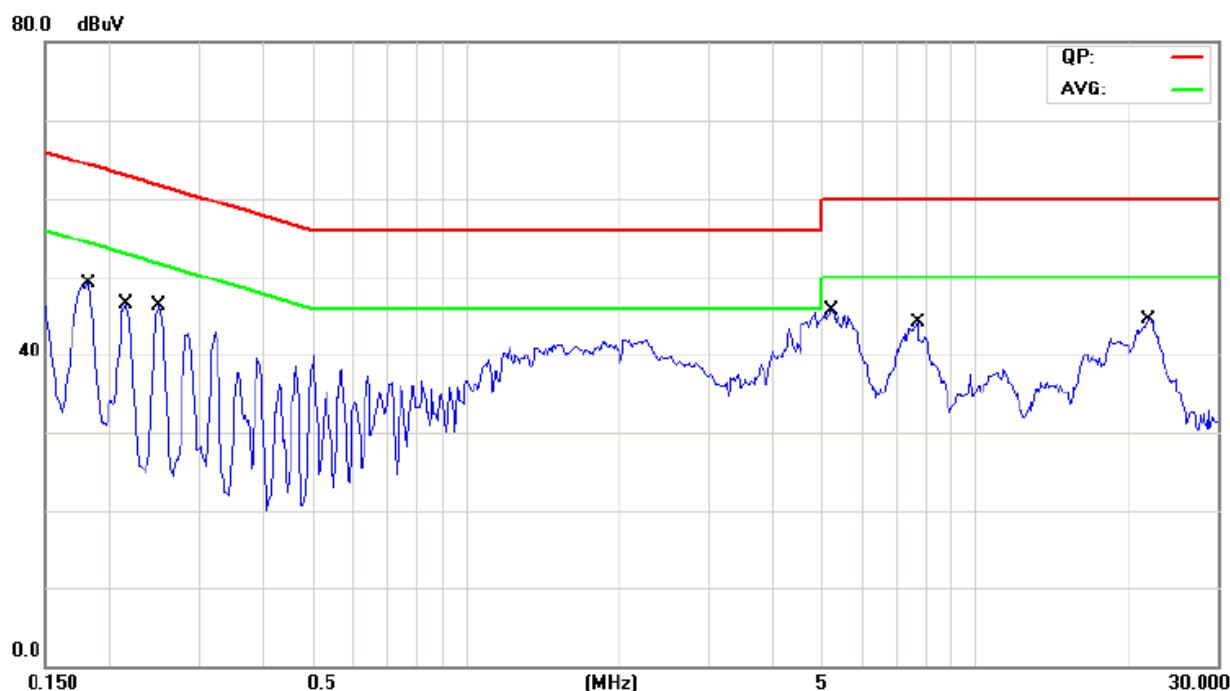
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Play USB**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.182	Live	49.03	41.32	64.38	54.38
0.216	Live	42.97	37.99	62.96	52.96
0.251	Live	46.30	39.43	61.71	51.71
5.246	Live	45.79	38.88	60.00	50.00
7.730	Live	41.17	35.22	60.00	50.00
21.961	Live	43.16	37.70	60.00	50.00

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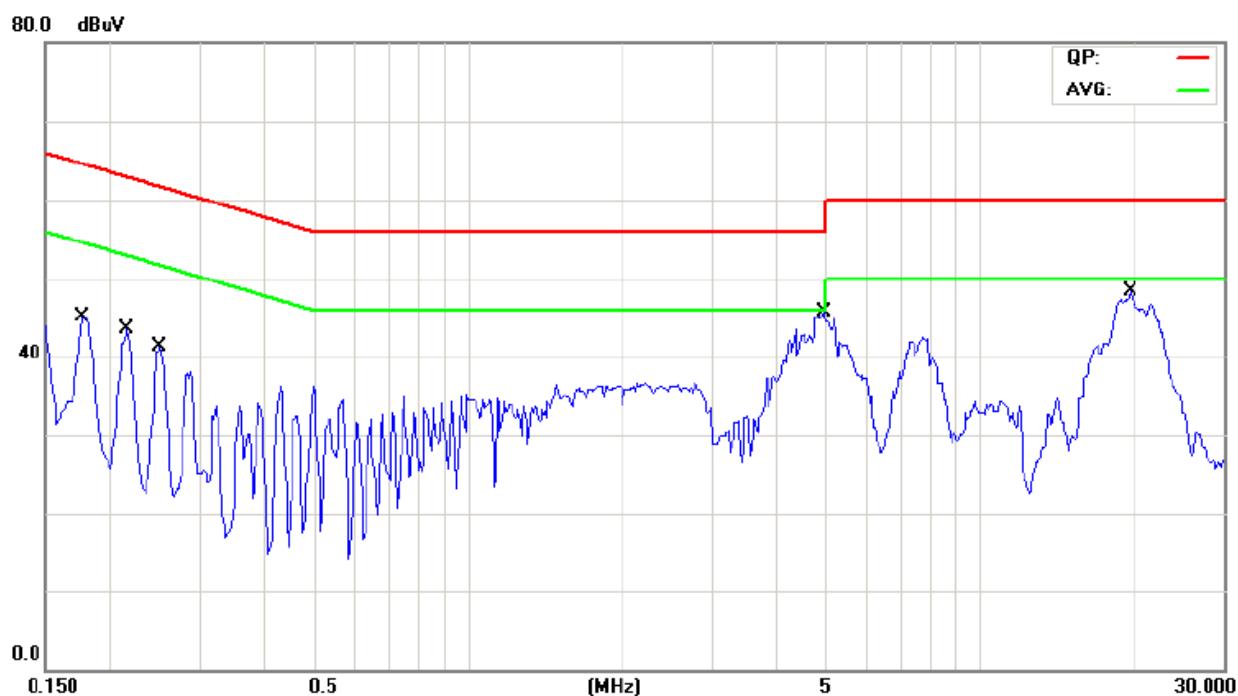
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**F1: Conducted Emission on Neutral Terminal (150kHz to 30MHz)**
**EUT Operating Environment**

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

**EUT set Condition: Play USB**
**Equipment Level: Class B**
**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Line	Reading(dB $\mu$ V)		Limit(dB $\mu$ V)	
		Quasi-peak	Average	Quasi-peak	Average
0.177	Neutral	45.09	41.34	64.61	54.61
0.216	Neutral	43.45	39.23	62.96	52.96
0.251	Neutral	41.28	38.54	61.71	51.71
4.953	Neutral	45.61	36.54	56.00	46.00
19.691	Neutral	48.39	37.43	60.00	50.00

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## 5.0 Radiated Disturbance Test

### 5.1 Schematics of the test

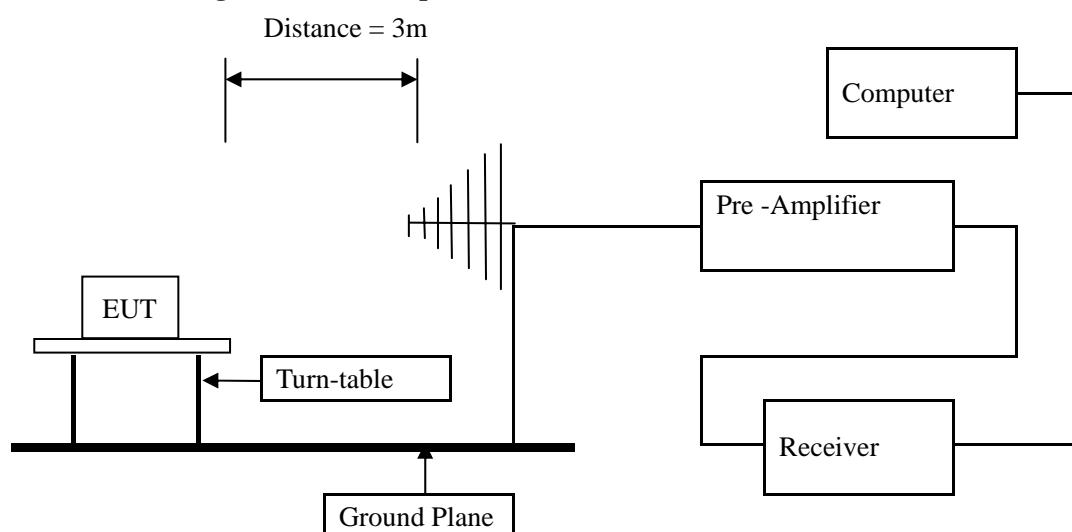


### 5.2 Test Method and test Procedure:

The EUT was tested according to ANSI C63.4 –2003, The frequency spectrum from 30MHz to 5GHz 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 $\mu$ 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.

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

### EUT Operating Environment

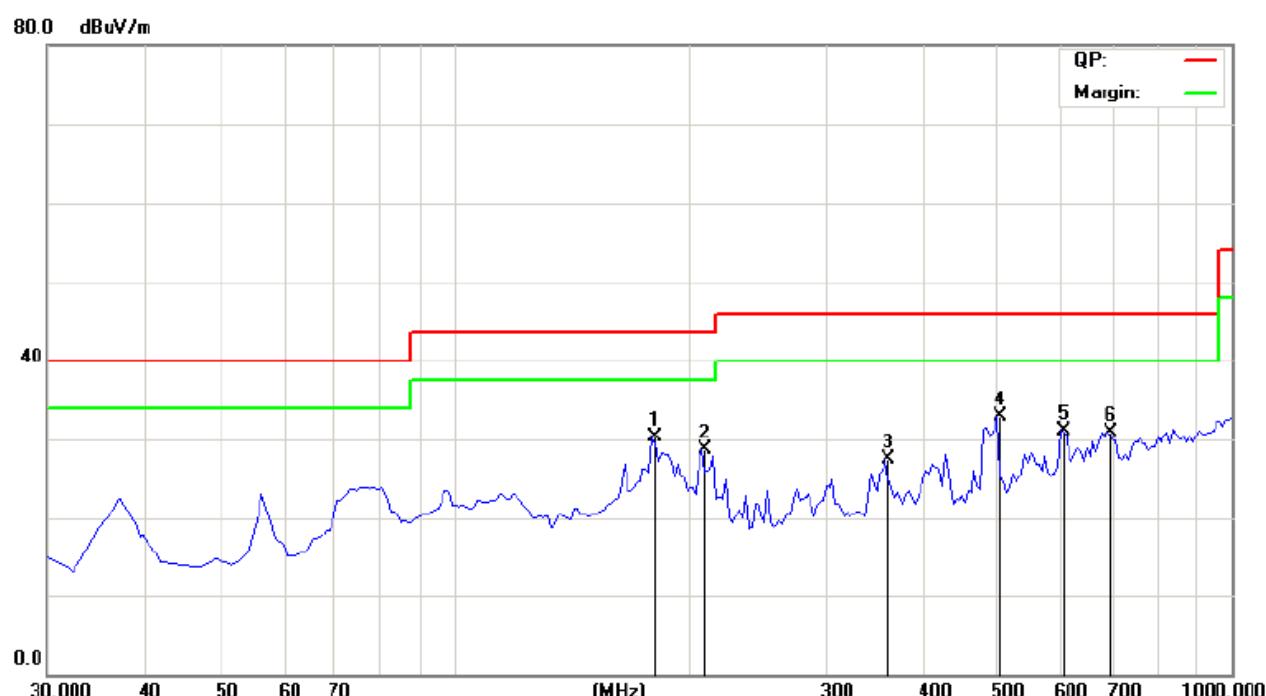
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input DTV-54.31MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
108.350	30.31	H	43.50
209.450	28.71	H	43.50
359.800	27.54	H	46.00
500.450	32.83	H	46.00
604.725	31.02	H	46.00
696.875	30.93	H	46.00

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### Radiated Disturbance (1000MHz---6000MHz)

#### EUT Operating Environment

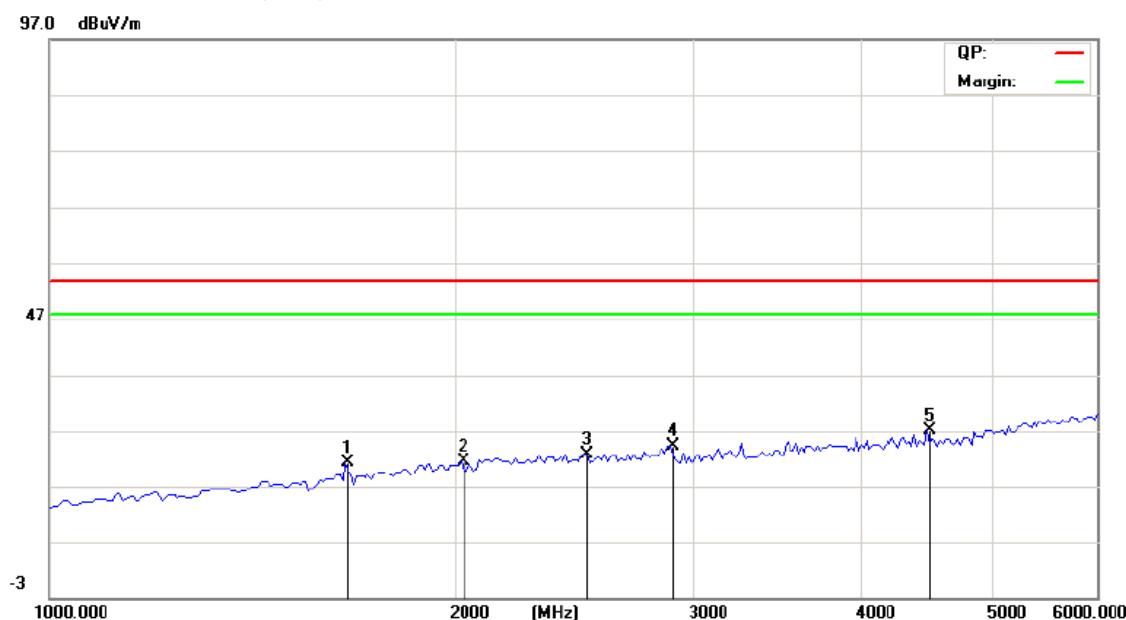
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input DTV-54.31MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1662.500	21.41 (PK)	H	54.00(AV)
2025.000	21.74 (PK)	H	54.00(AV)
2500.000	22.95 (PK)	H	54.00(AV)
2900.000	24.41 (PK)	H	54.00(AV)
4500.000	27.19 (PK)	H	54.00(AV)

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

### EUT Operating Environment

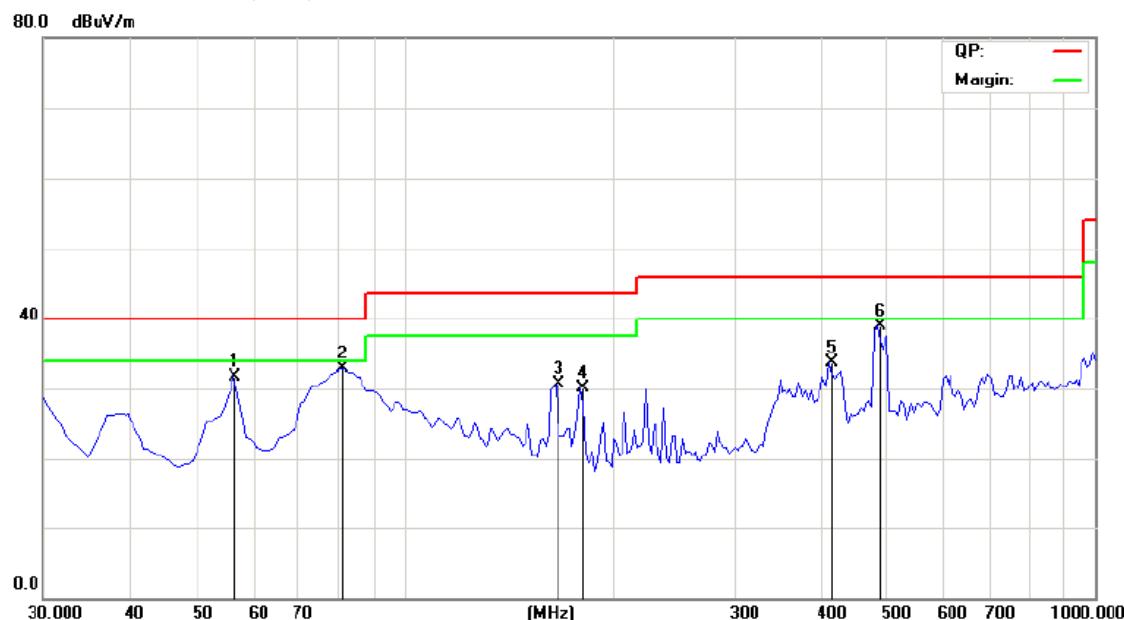
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input DTV-54.31MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
56.675	31.67	V	40.00
80.925	32.89	V	40.00
165.800	30.64	V	43.50
180.350	30.19	V	43.50
415.575	33.66	V	46.00
483.475	38.92	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

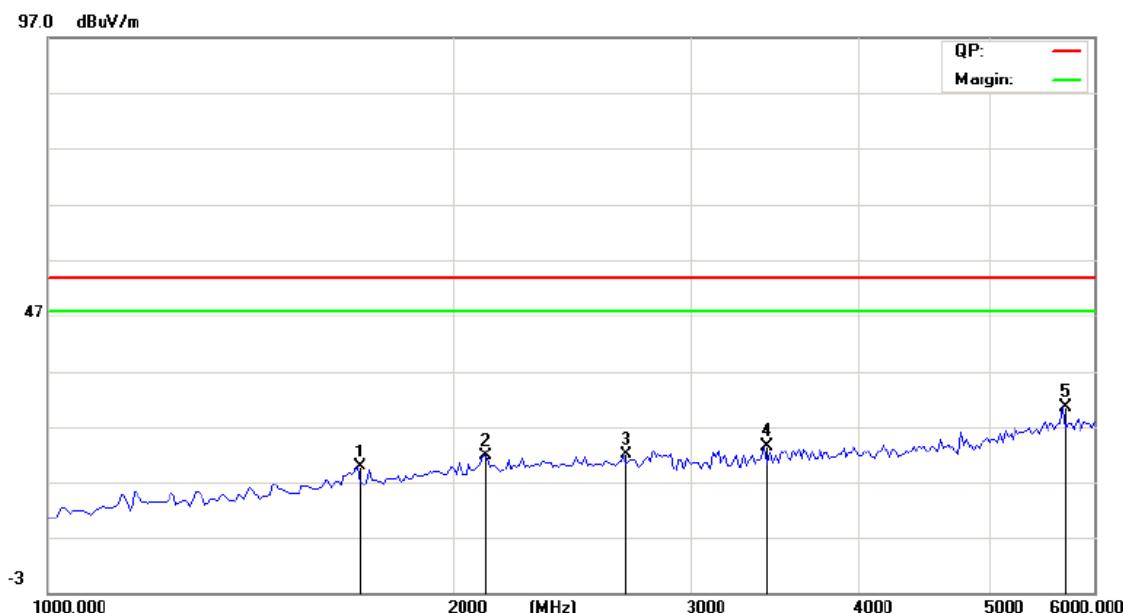
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input DTV-54.31MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1700.000	19.87(PK)	V	54.00(AV)
2112.500	21.95(PK)	V	54.00(AV)
2687.500	22.14(PK)	V	54.00(AV)
3425.000	23.51(PK)	V	54.00(AV)
5687.500	30.56(PK)	V	54.00(AV)

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

#### 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 (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
180.350	30.79	H	43.50
413.150	29.69	H	46.00
481.050	31.86	H	46.00
609.575	30.97	H	46.00
835.100	31.40	H	46.00
966.050	33.56	H	54.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

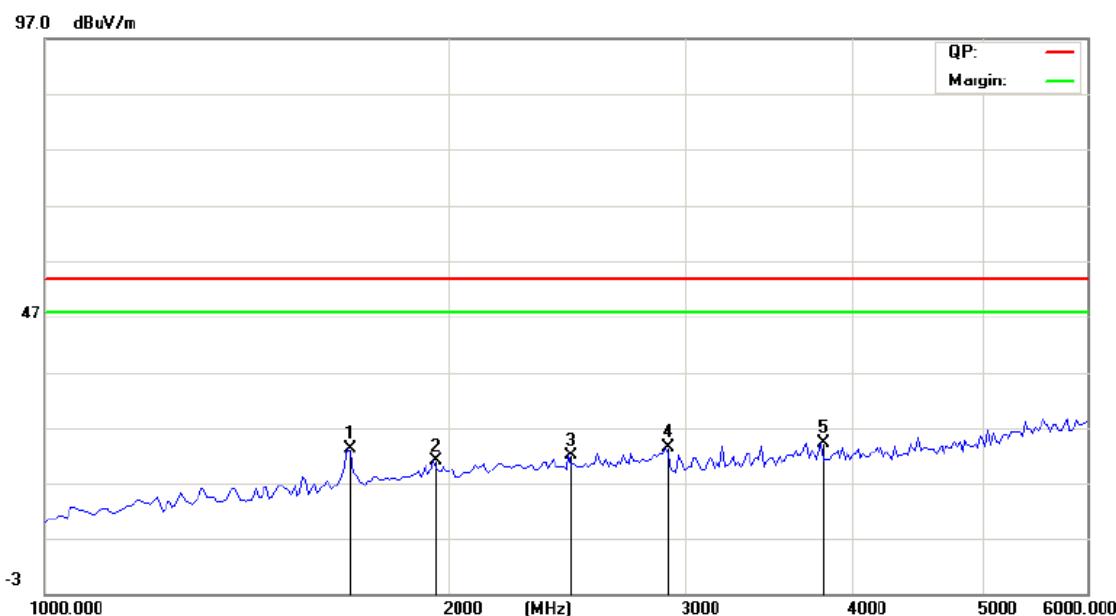
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**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 (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1687.500	23.33(PK)	H	54.00(AV)
1950.000	21.20(PK)	H	54.00(AV)
2462.500	22.13(PK)	H	54.00(AV)
2912.500	23.62(PK)	H	54.00(AV)
3800.000	24.50(PK)	H	54.00(AV)

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

##### EUT Operating Environment

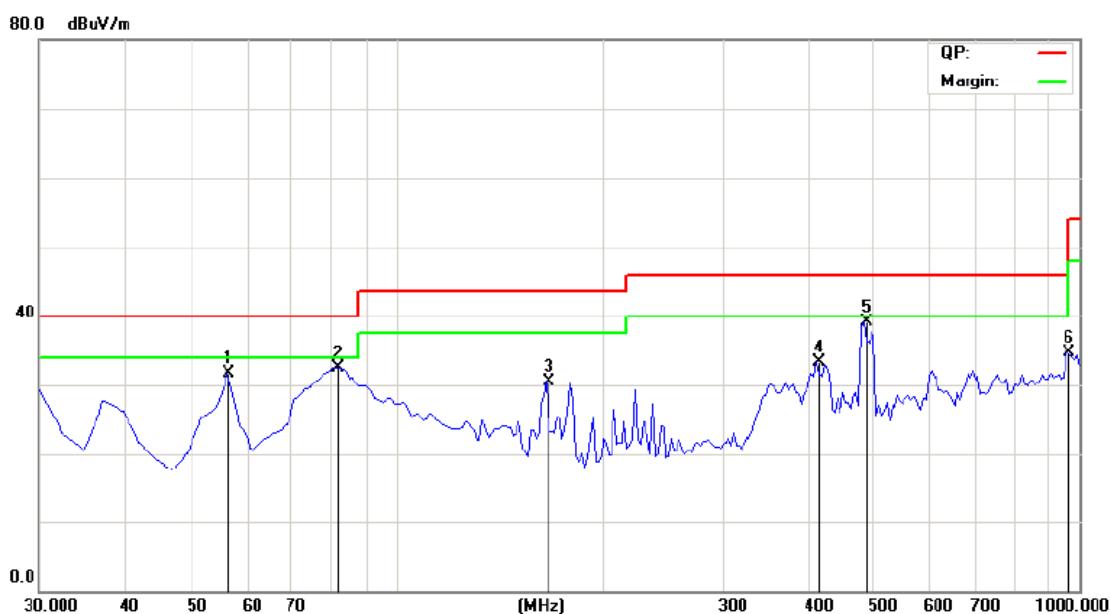
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**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)
56.675	31.67	V	40.00
82.214	32.51	V	40.00
165.800	30.60	V	43.50
415.575	33.22	V	46.00
483.475	39.08	V	46.00
961.200	34.69	V	54.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

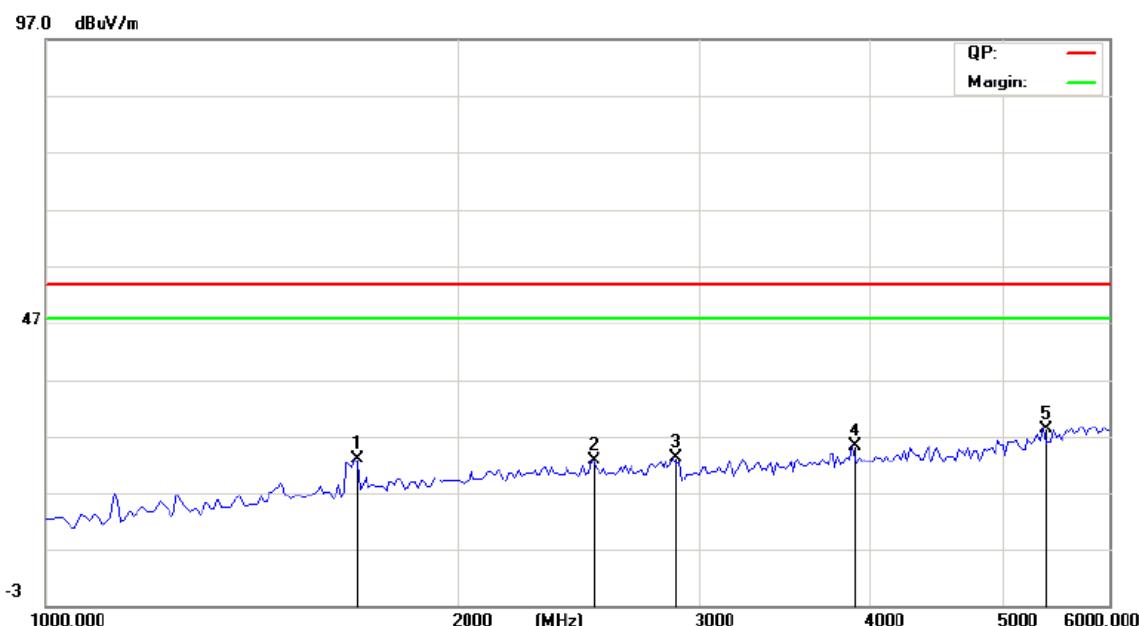
Temperature:25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**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 (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1687.500	23.24(PK)	V	54.00(AV)
2512.500	22.78(PK)	V	54.00(AV)
2887.500	23.26(PK)	V	54.00(AV)
3900.000	25.32(PK)	V	54.00(AV)
5375.000	28.33(PK)	V	54.00(AV)

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

### EUT Operating Environment

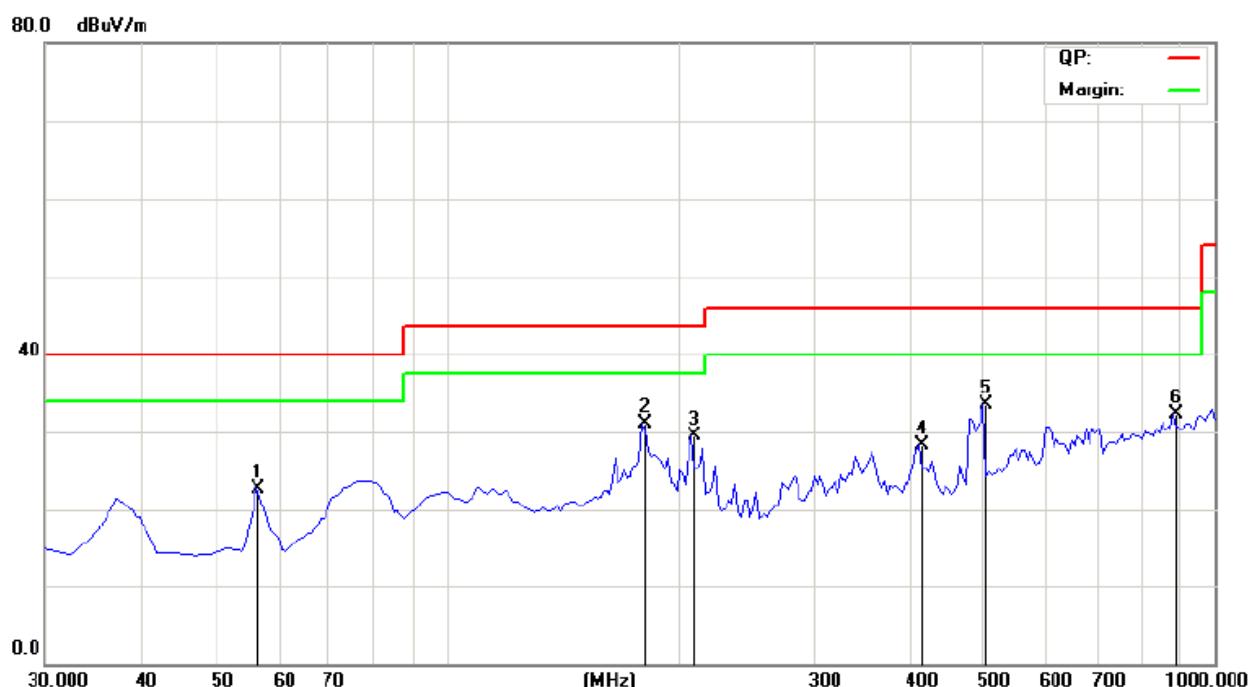
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input DTV-554.31MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
56.675	22.80	H	40.00
180.350	31.05	H	43.50
209.450	29.41	H	43.50
413.150	28.32	H	46.00
500.450	33.52	H	46.00
890.875	32.27	H	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

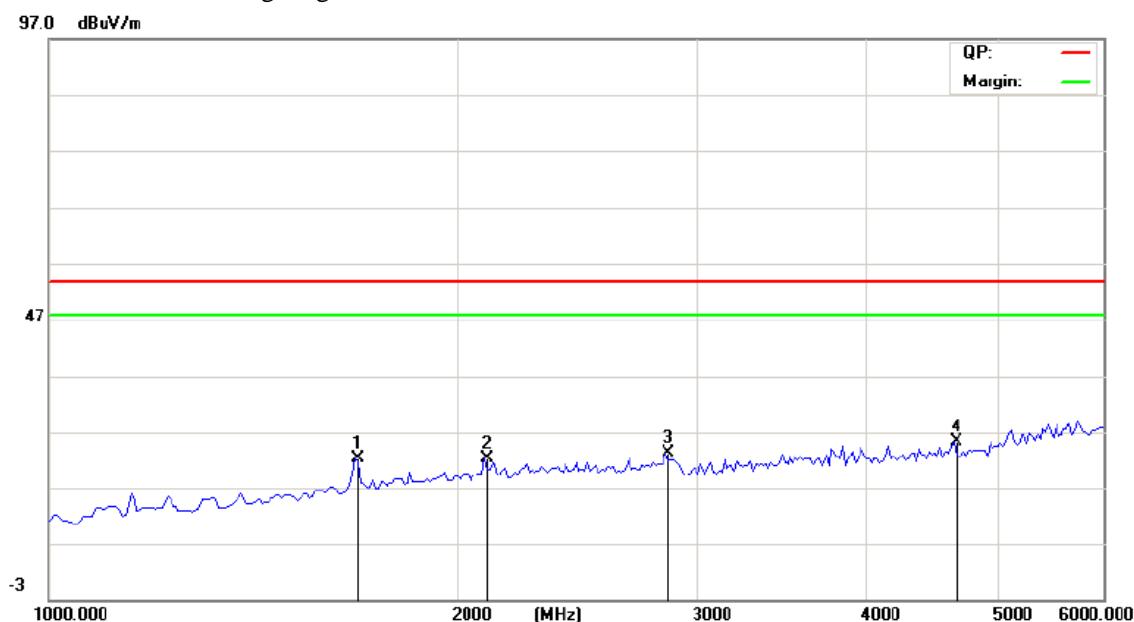
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**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 (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1687.500	22.32(PK)	H	54.00(AV)
2100.000	22.34(PK)	H	54.00(AV)
2862.500	23.39(PK)	H	54.00(AV)
4650.000	25.40(PK)	H	54.00(AV)

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

### EUT Operating Environment

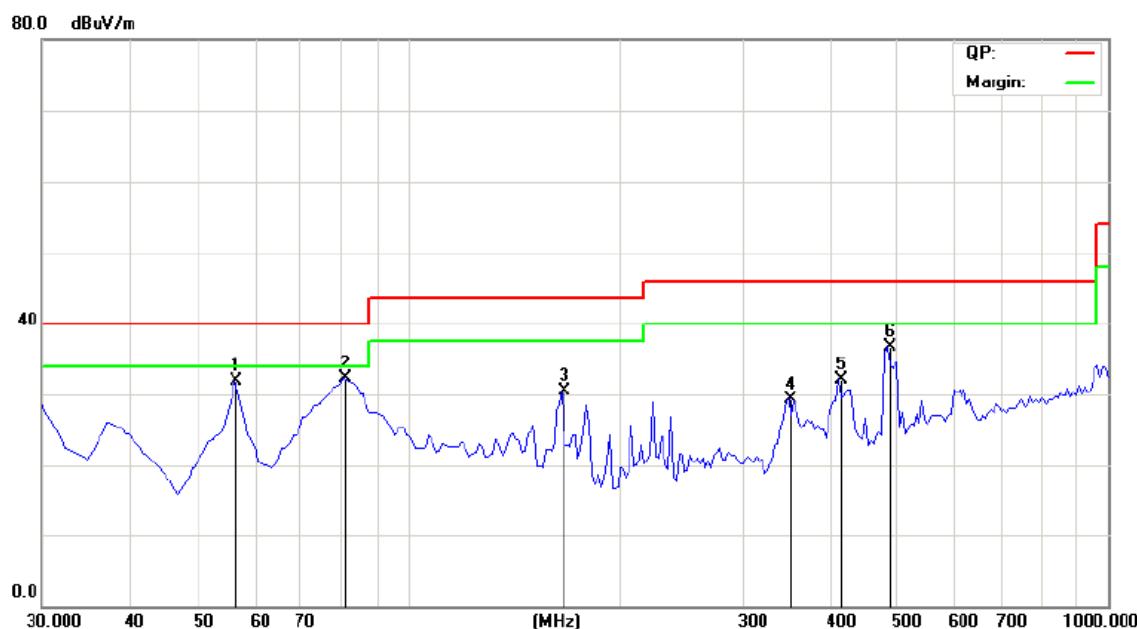
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**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)
56.675	32.00	V	40.00
80.925	32.22	V	40.00
165.800	30.53	V	43.50
350.100	29.28	V	46.00
415.575	32.09	V	46.00
483.475	36.80	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

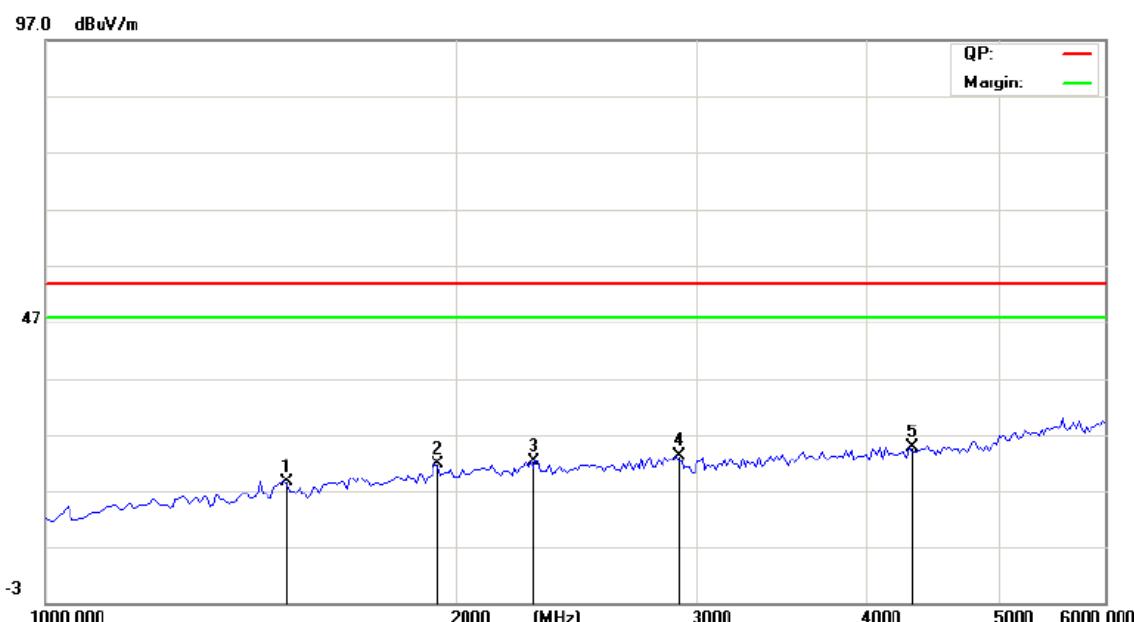
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**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 (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1500.000	18.55(PK)	V	54.00(AV)
1937.500	21.87(PK)	V	54.00(AV)
2275.000	22.40(PK)	V	54.00(AV)
2912.500	23.32(PK)	V	54.00(AV)
4325.000	24.87(PK)	V	54.00(AV)

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

### 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 (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
42.561	37.06	H	46.00
413.150	42.46	H	46.00
481.050	39.67	H	46.00
745.375	41.67	H	46.00
878.750	39.82	H	46.00
1000.000	51.53	H	54.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

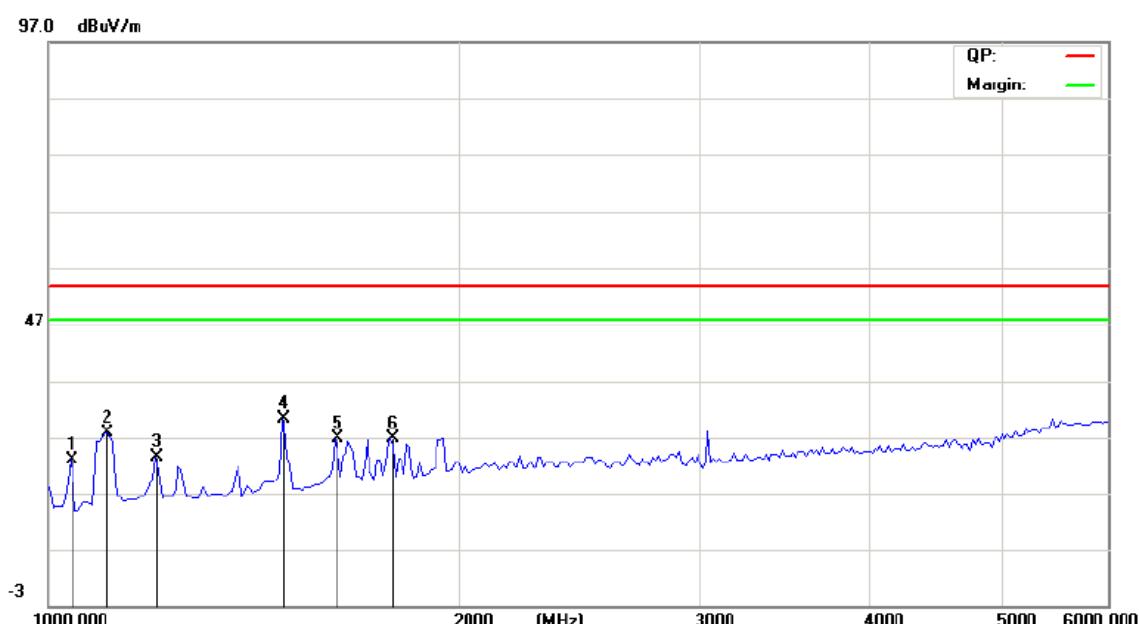
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** HDMI 1

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1037.500	23.21(PK)	H	54.00(AV)
1100.000	27.95(PK)	H	54.00(AV)
1200.000	23.65(PK)	H	54.00(AV)
1487.500	30.29(PK)	H	54.00(AV)
1625.000	27.00(PK)	H	54.00(AV)
1787.500	26.97(PK)	H	54.00(AV)

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

### EUT Operating Environment

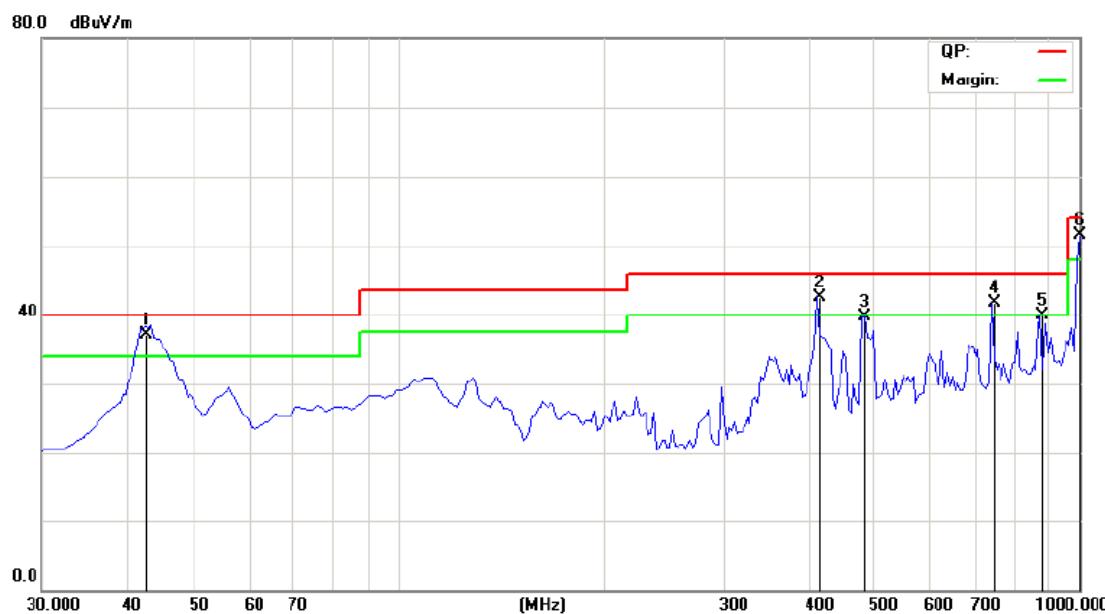
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** HDMI 1

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
42.561	37.06	V	40.00
413.150	42.46	V	46.00
481.050	39.67	V	46.00
745.375	41.67	V	46.00
878.375	39.82	V	46.00
1000.000	51.53	V	54.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

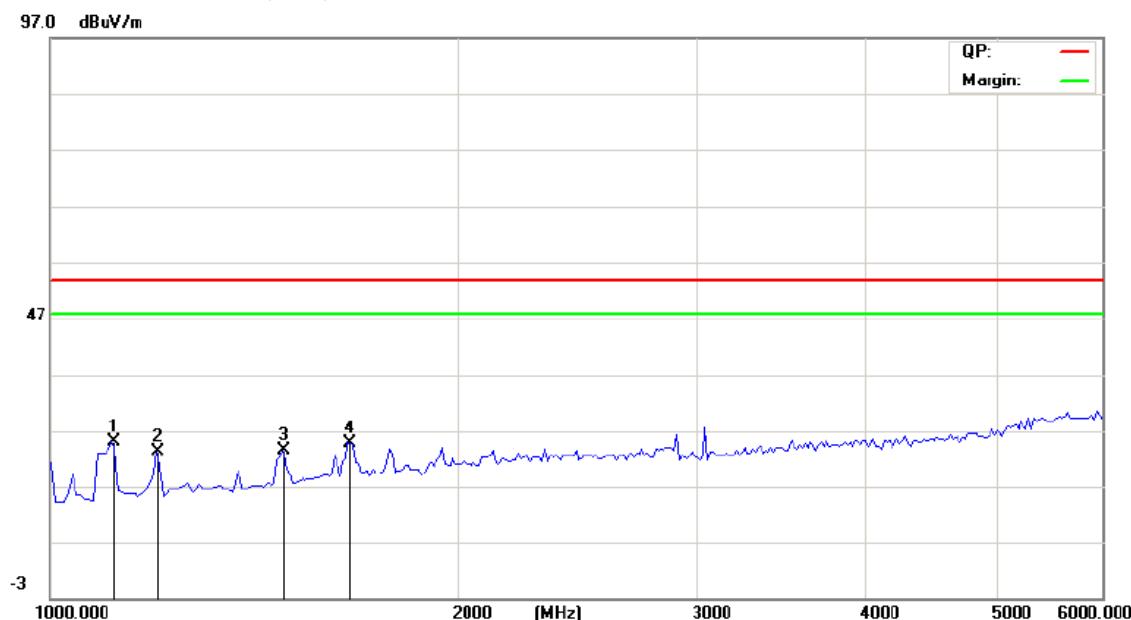
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** HDMI 1

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1112.500	25.13(PK)	V	54.00(AV)
1200.000	23.42(PK)	V	54.00(AV)
1487.500	23.71(PK)	V	54.00(AV)
1662.500	24.91(PK)	V	54.00(AV)

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

### EUT Operating Environment

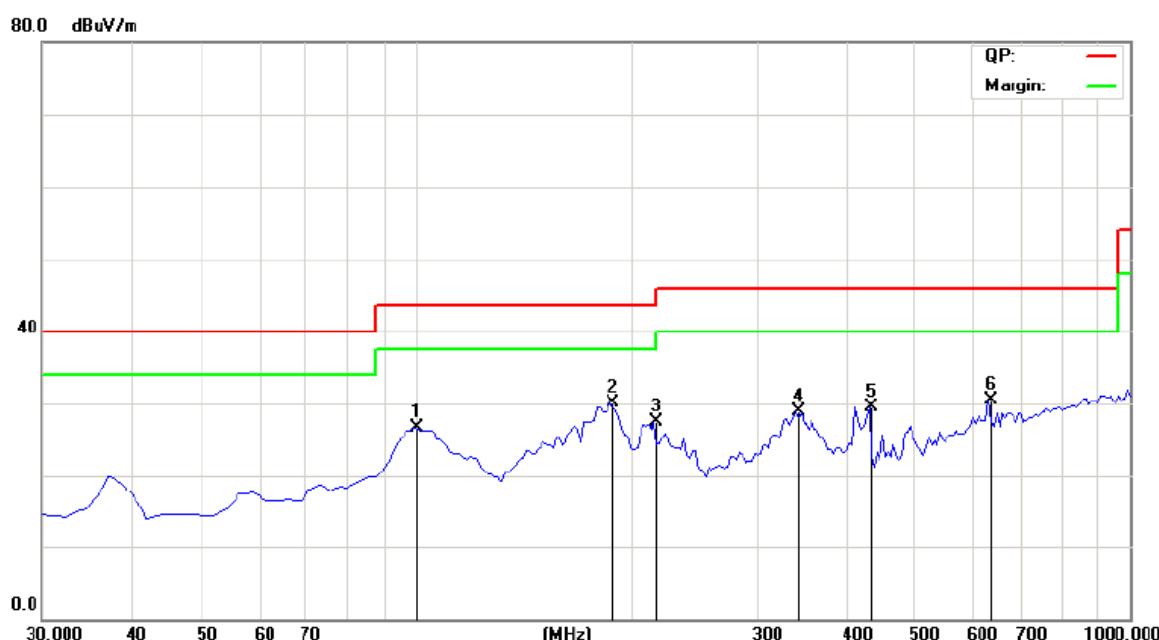
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** LAN

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
100.325	26.62	H	43.50
187.625	30.18	H	43.50
216.725	27.44	H	46.00
340.400	28.81	H	46.00
432.550	29.51	H	46.00
636.250	30.42	H	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

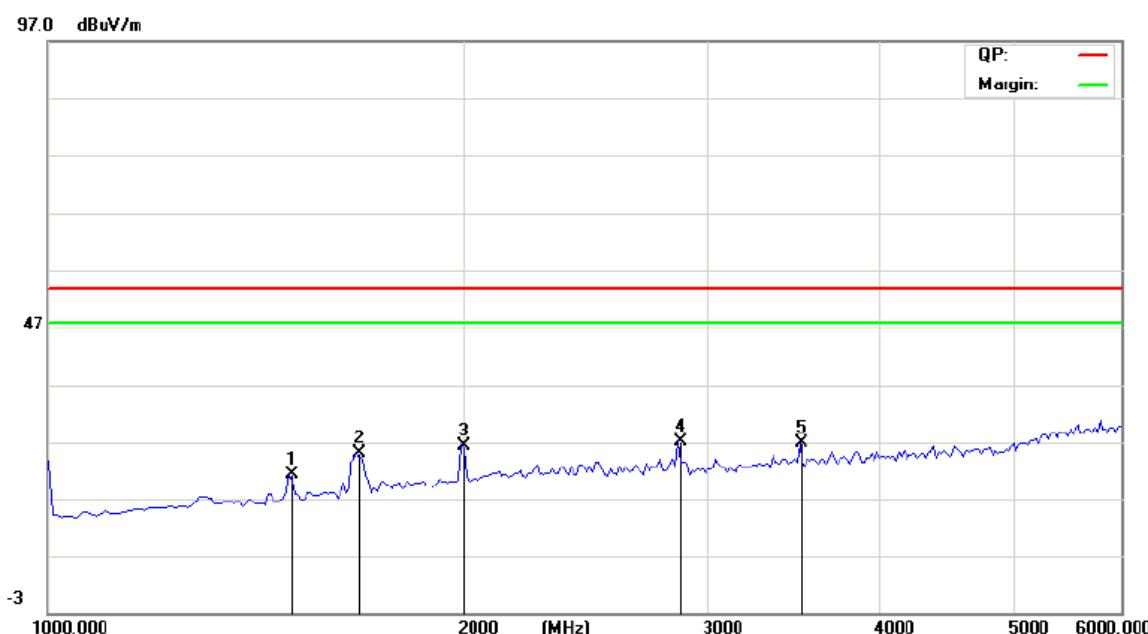
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** LAN

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1500.000	21.36(PK)	H	54.00(AV)
1675.000	25.09(PK)	H	54.00(AV)
2000.000	26.49(PK)	H	54.00(AV)
2875.000	27.03(PK)	H	54.00(AV)
3512.500	26.91(PK)	H	54.00(AV)

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

### EUT Operating Environment

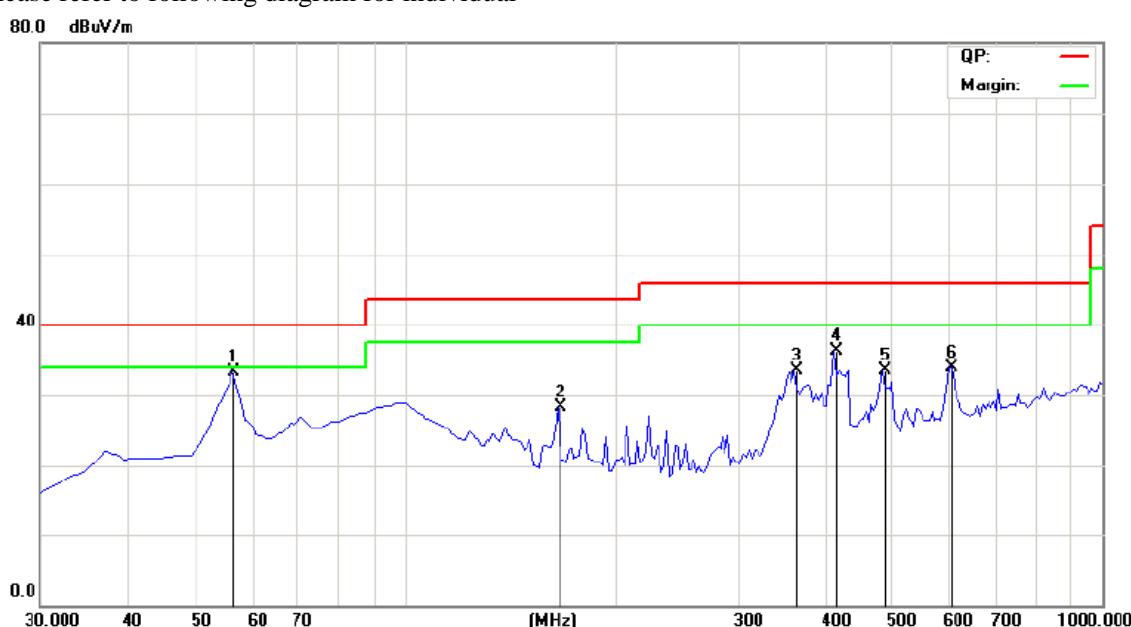
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** LAN

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
56.675	33.23	V	40.00
165.800	28.35	V	43.50
362.225	33.47	V	46.00
413.150	36.24	V	46.00
483.475	33.49	V	46.00
604.725	33.91	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

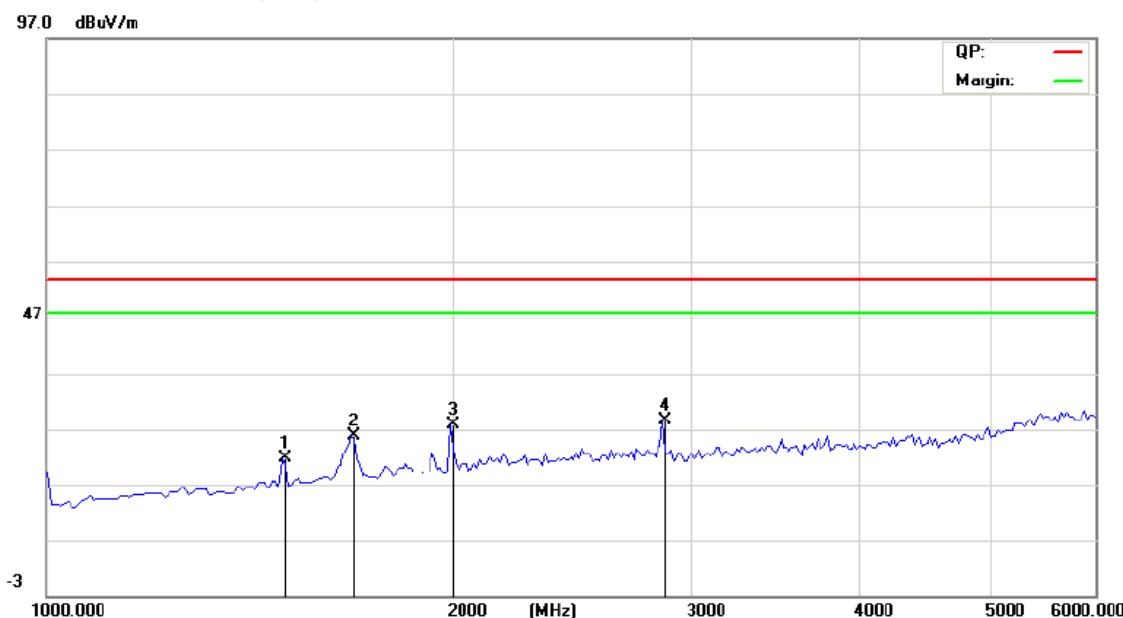
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** LAN

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1500.000	21.92(PK)	V	54.00(AV)
1687.500	25.87(PK)	V	54.00(AV)
2000.000	27.87(PK)	V	54.00(AV)
2875.000	28.53(PK)	V	54.00(AV)

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

### EUT Operating Environment

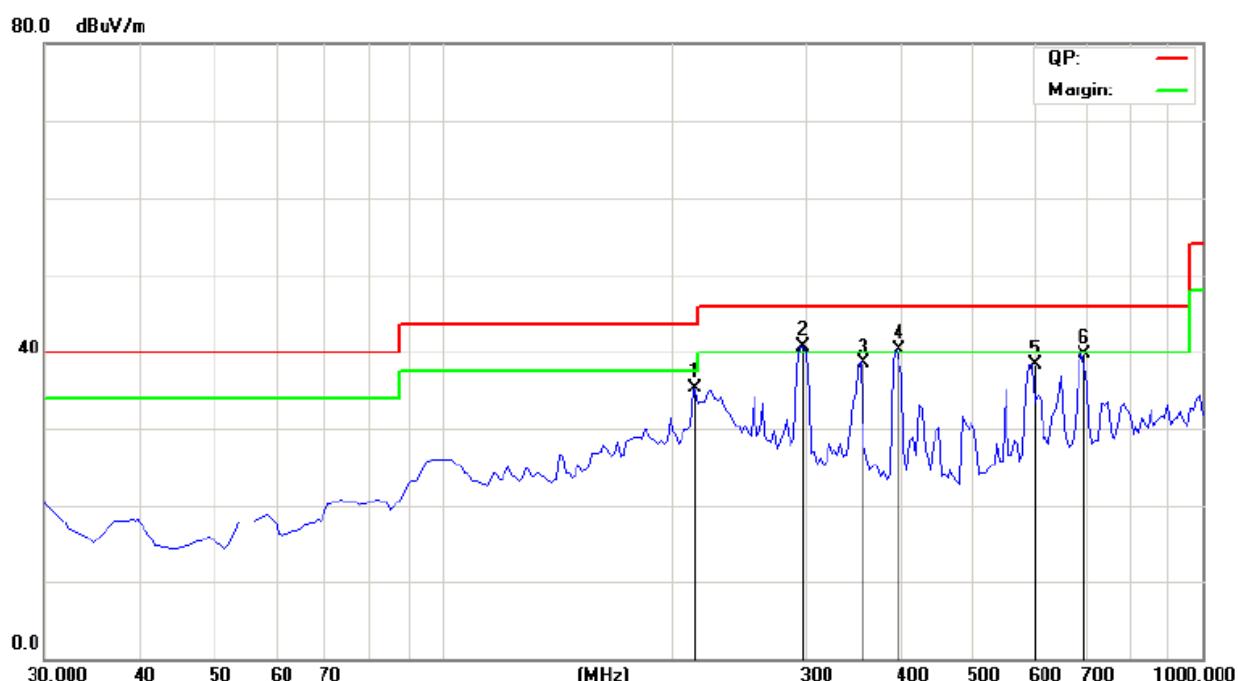
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: VGA (800\*600) Connected to PC**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
214.300	35.34	H	43.50
296.750	40.72	H	46.00
357.375	38.60	H	46.00
396.175	40.32	H	46.00
597.450	38.22	H	46.00
694.450	39.68	H	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

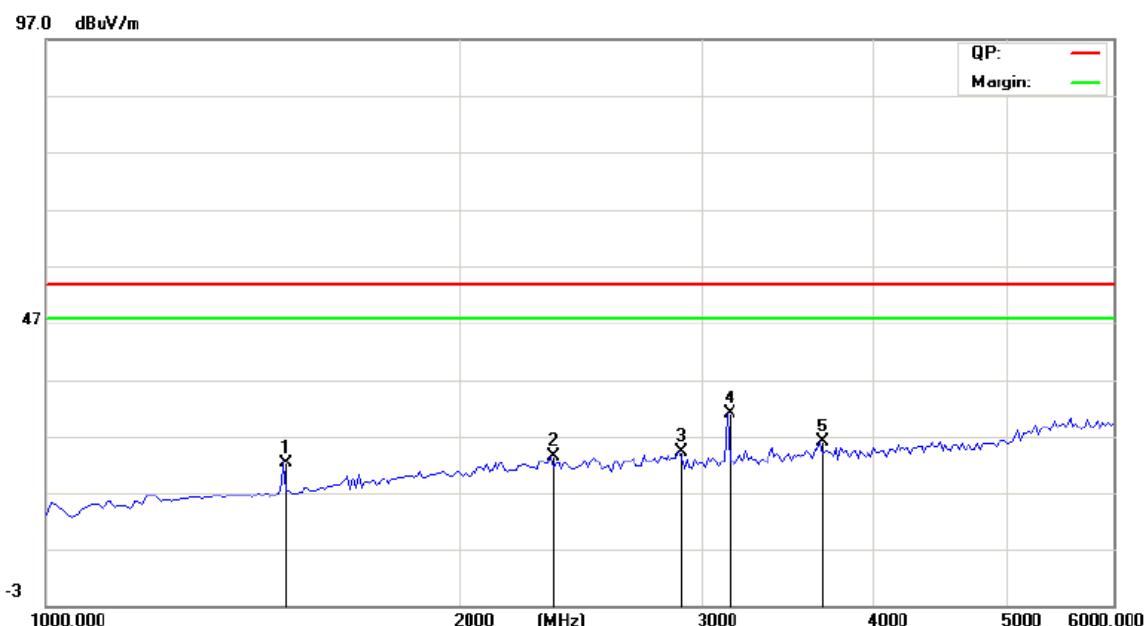
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: VGA (800\*600) Connected to PC**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1489.837	22.48(PK)	H	54.00(AV)
2337.500	23.59(PK)	H	54.00(AV)
2900.000	24.36(PK)	H	54.00(AV)
3137.500	31.18(PK)	H	54.00(AV)
3675.000	26.12(PK)	H	54.00(AV)

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

### EUT Operating Environment

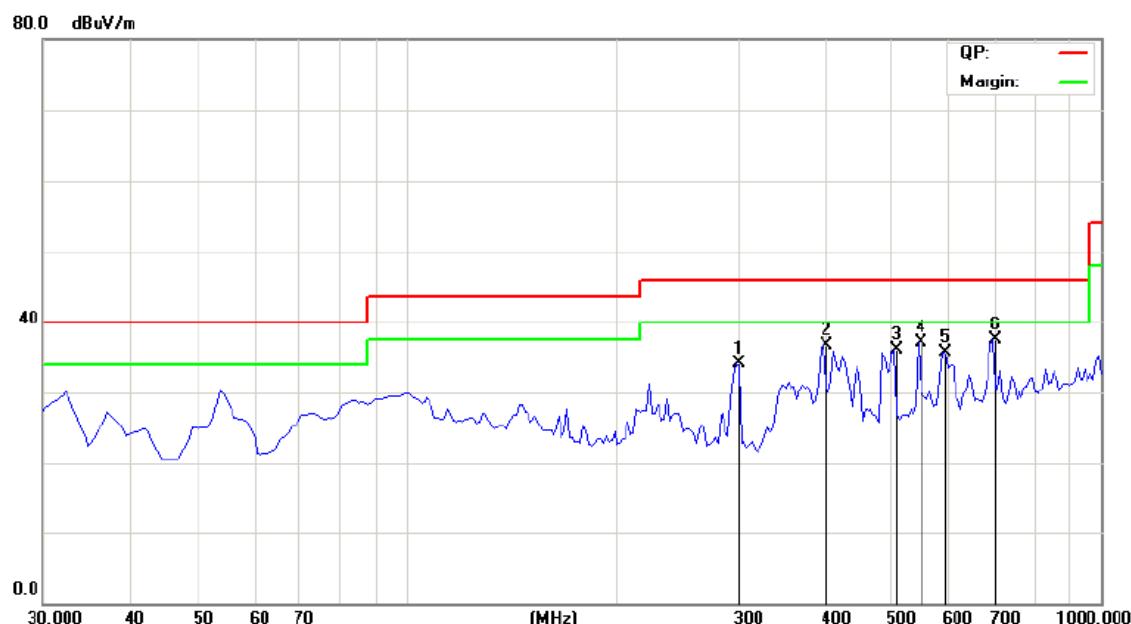
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: VGA (800\*600) Connected to PC**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
299.175	34.05	V	46.00
398.600	36.77	V	46.00
505.300	36.03	V	46.00
548.950	37.02	V	46.00
595.025	35.75	V	46.00
701.725	37.59	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

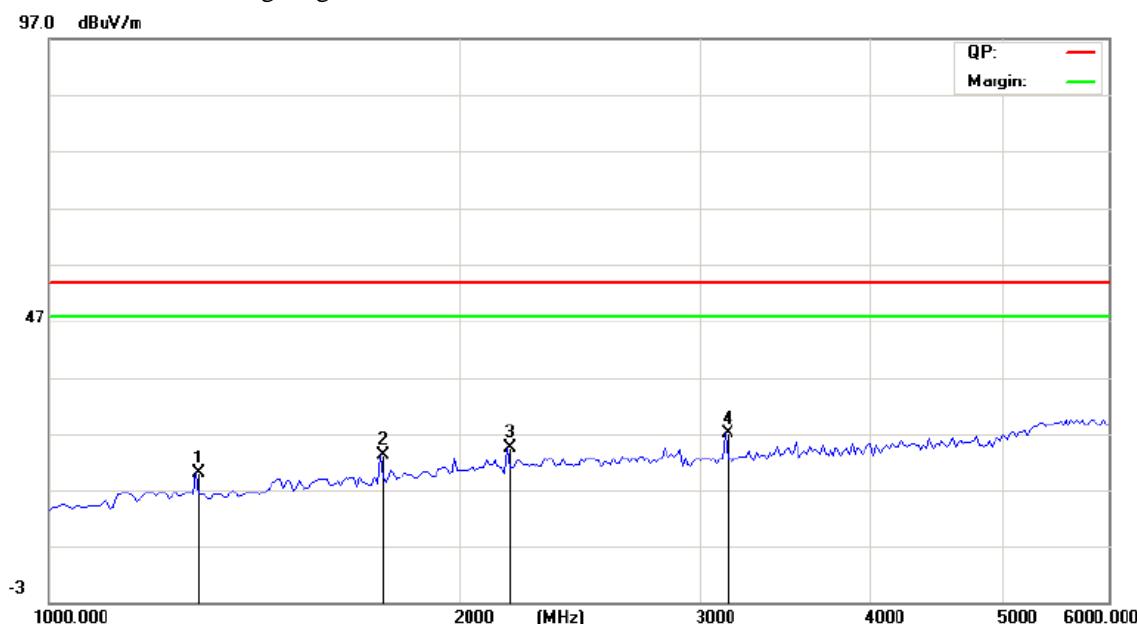
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: VGA (800\*600)    Connected to PC**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1279.369	20.16(PK)	V	54.00(AV)
1750.541	23.32(PK)	V	54.00(AV)
2175.000	24.71(PK)	V	54.00(AV)
3137.500	27.11(PK)	V	54.00(AV)

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

### EUT Operating Environment

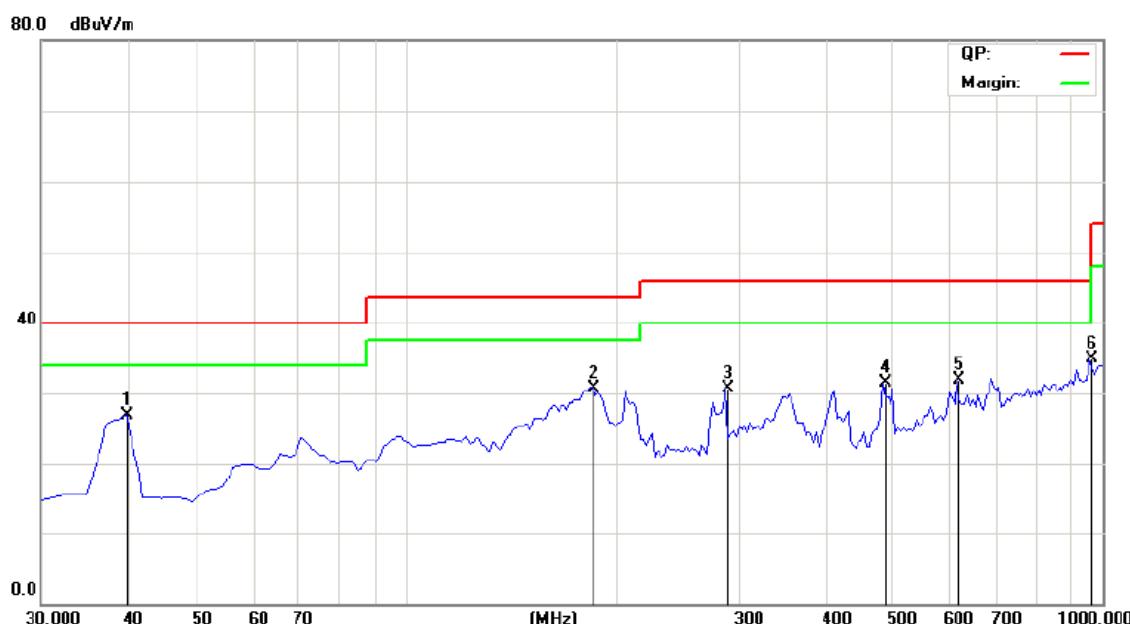
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** AV IN

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
39.714	26.90	H	40.00
185.200	30.80	H	43.50
289.475	30.80	H	46.00
483.475	31.50	H	46.00
619.275	31.93	H	46.00
961.200	34.83	H	54.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

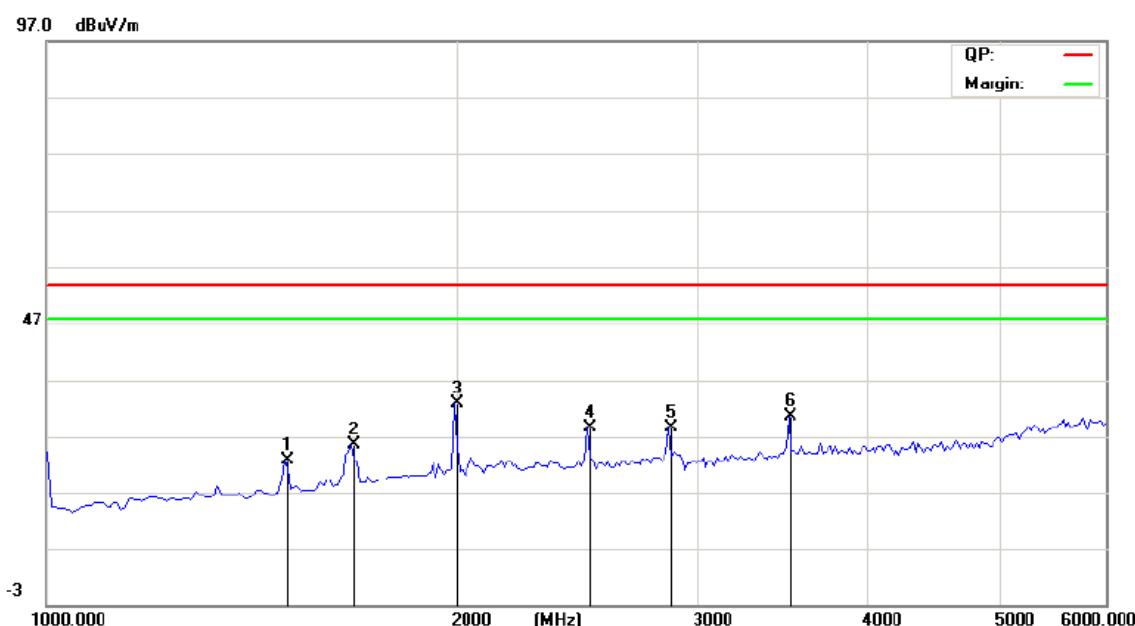
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: AV IN**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1500.000	22.79(PK)	H	54.00(AV)
1675.000	25.55(PK)	H	54.00(AV)
2000.000	32.89(PK)	H	54.00(AV)
2500.000	28.52(PK)	H	54.00(AV)
2875.000	28.71(PK)	H	54.00(AV)
3512.500	30.51(PK)	H	54.00(AV)

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

### EUT Operating Environment

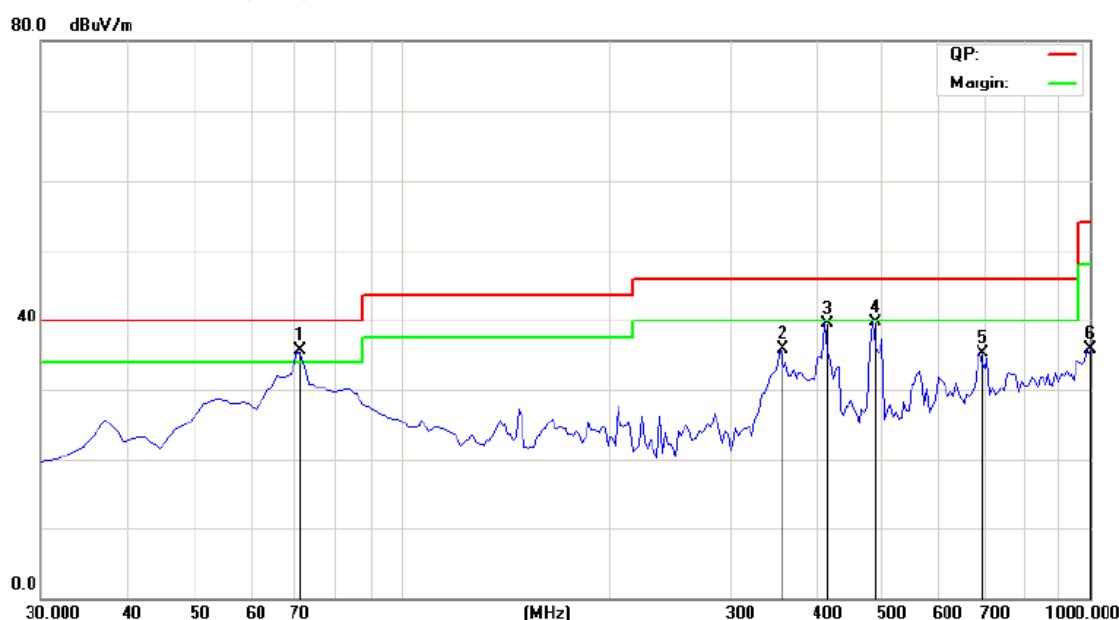
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: AV IN**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
71.225	35.67	V	40.00
357.375	35.94	V	46.00
413.150	39.47	V	46.00
483.475	39.70	V	46.00
694.450	35.36	V	46.00
995.150	35.83	V	54.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

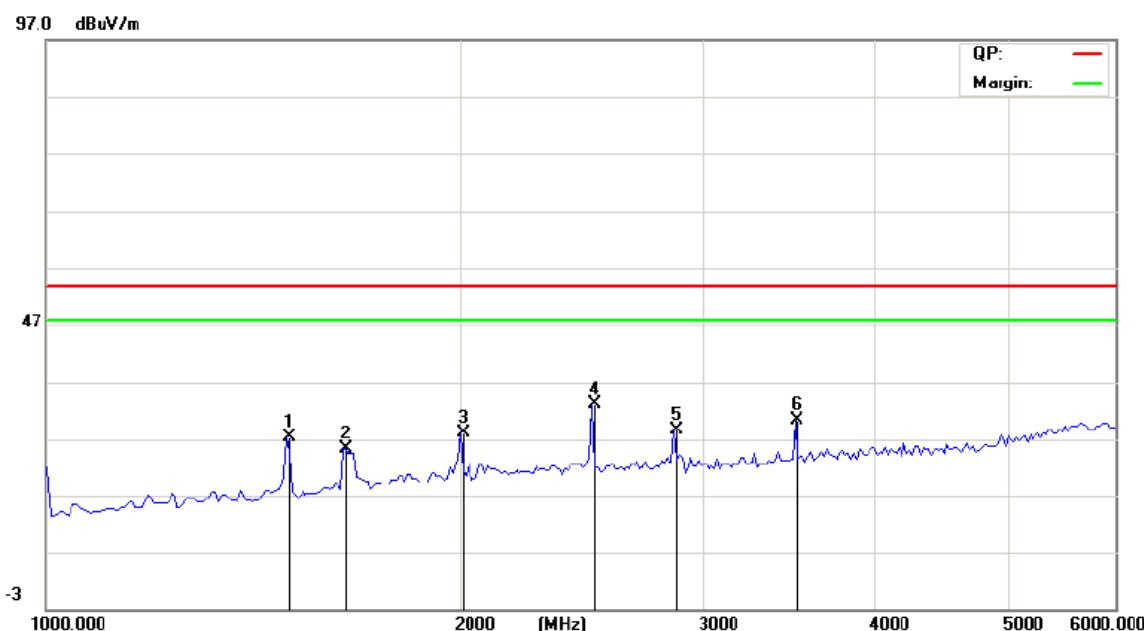
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: AV IN**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
1500.000	27.41(PK)	V	54.00(AV)
1650.000	25.36(PK)	V	54.00(AV)
2002.321	28.25(PK)	V	54.00(AV)
2500.000	33.19(PK)	V	54.00(AV)
2875.000	28.55(PK)	V	54.00(AV)
3512.500	30.27(PK)	V	54.00(AV)

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

### EUT Operating Environment

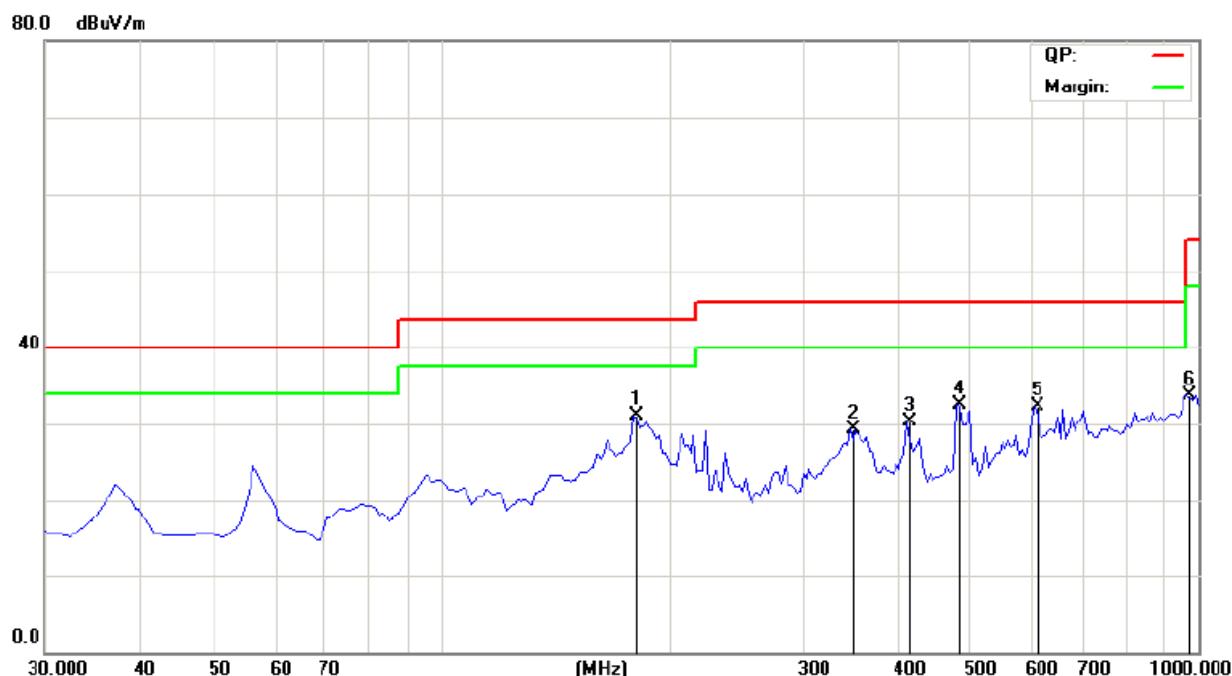
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV-55.25 MHz 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)
180.350	31.305	H	43.50
347.675	29.32	H	46.00
413.150	30.29	H	46.00
481.050	32.41	H	46.00
609.575	32.28	H	46.00
966.050	33.79	H	54.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

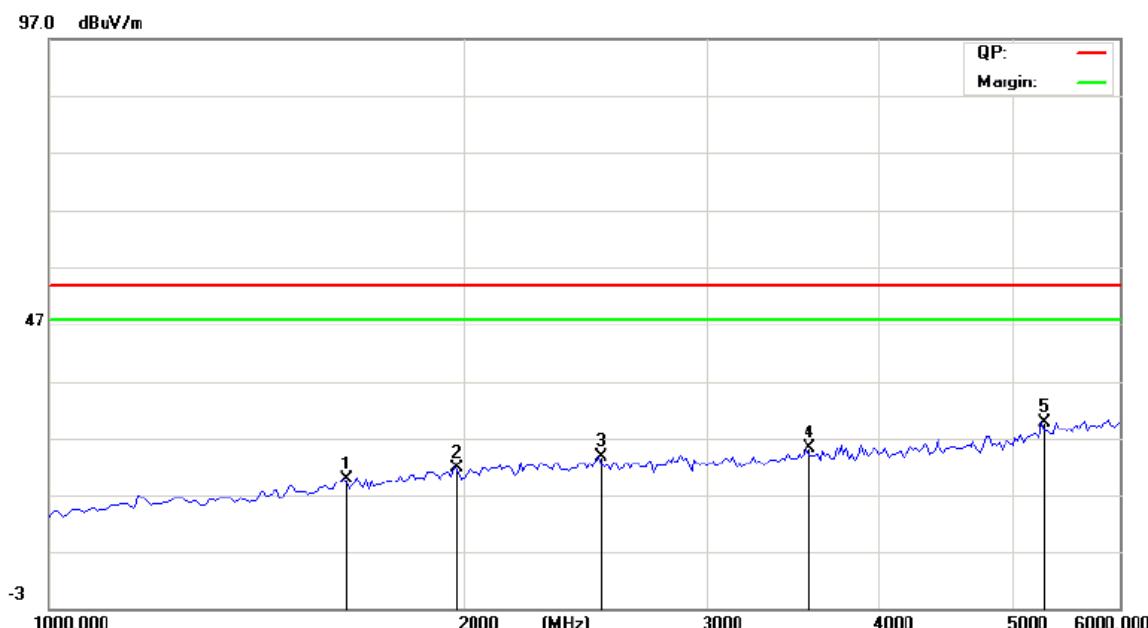
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV-55.25 MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1637.500	19.95(PK)	H	54.00(AV)
1975.000	21.76(PK)	H	54.00(AV)
2512.500	23.76(PK)	H	54.00(AV)
3562.500	25.46(PK)	H	54.00(AV)
5287.500	29.84(PK)	H	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-55.25 MHz 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)
56.675	33.45	V	40.00
165.800	30.80	V	43.50
413.150	39.45	V	46.00
483.475	39.72	V	46.00
696.875	33.96	V	46.00
997.575	35.97	V	54.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

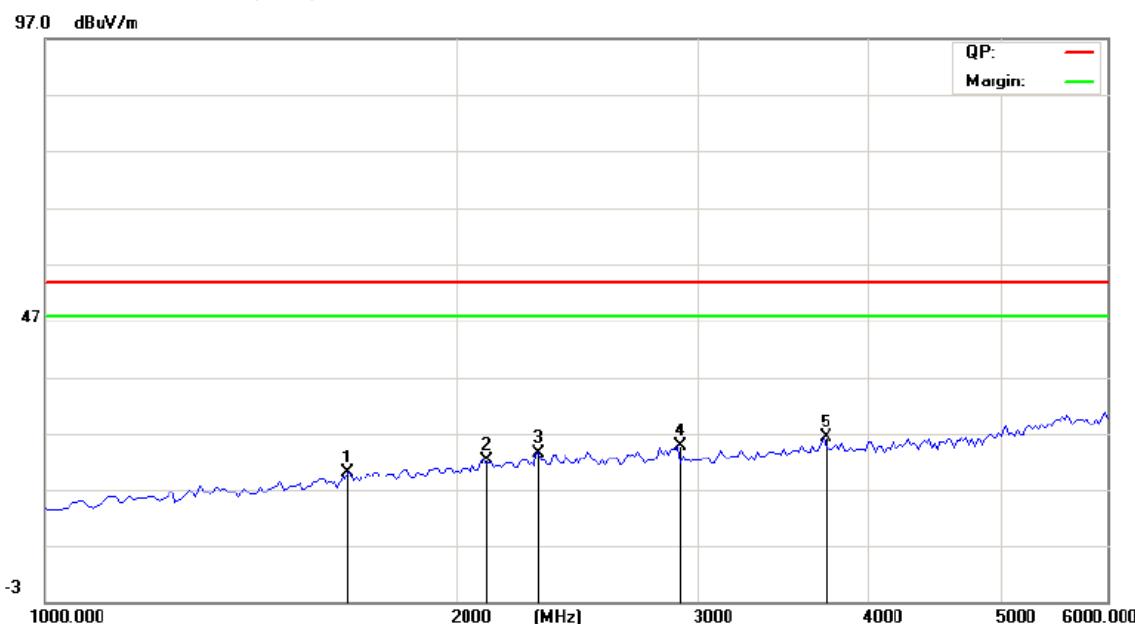
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV-55.25 MHz 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)
1663.376	20.16(PK)	V	54.00(AV)
2100.000	22.36(PK)	V	54.00(AV)
2300.000	23.69(PK)	V	54.00(AV)
2912.500	24.81(PK)	V	54.00(AV)
3725.000	26.40(PK)	V	54.00(AV)

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

### EUT Operating Environment

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

**EUT set Condition:** Input ATV-633.25MHz TV Signal

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
56.675	24.64	H	40.00
180.350	31.30	H	43.50
347.675	29.46	H	46.00
415.575	29.97	H	46.00
483.475	34.17	H	46.00
963.625	35.01	H	54.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

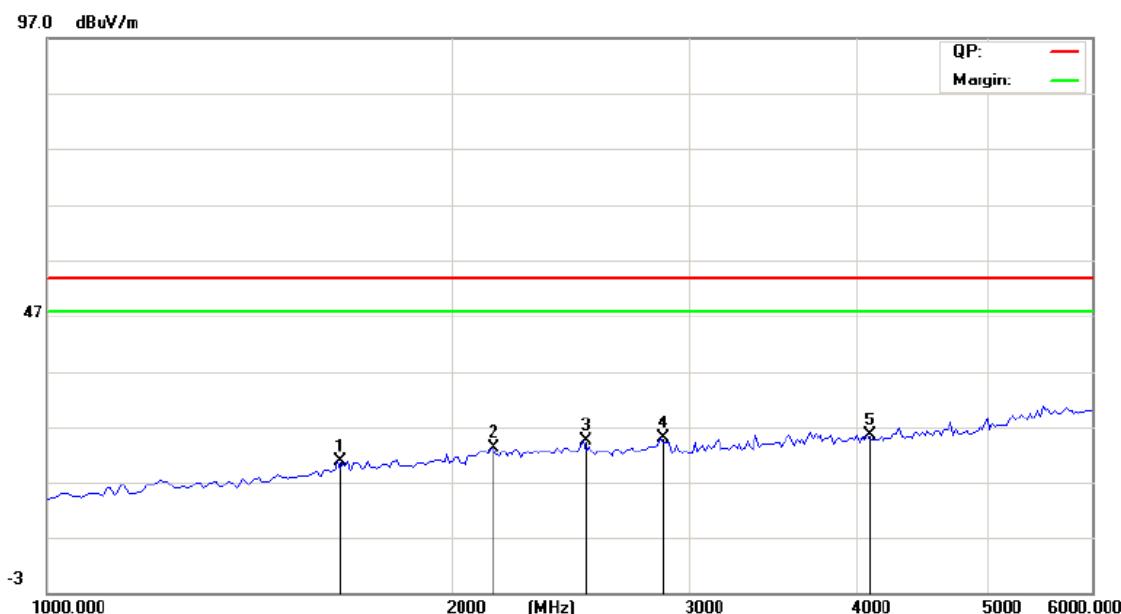
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** Input ATV-633.25MHz 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)
1650.000	20.99(PK)	H	54.00(AV)
2150.000	23.26(PK)	H	54.00(AV)
2512.500	24.65(PK)	H	54.00(AV)
2875.000	25.20(PK)	H	54.00(AV)
4087.500	25.73(PK)	H	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-633.25MHz TV Signal

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
56.675	32.14	V	40.00
165.800	31.01	V	43.50
352.525	34.07	V	46.00
413.150	37.07	V	46.00
483.475	40.02	V	46.00
704.150	34.04	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

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

**EUT set Condition:** Input ATV-633.25MHz TV Signal

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1675.000	21.46(PK)	V	54.00(AV)
2337.500	23.82(PK)	V	54.00(AV)
2875.000	25.34(PK)	V	54.00(AV)
3862.500	26.39(PK)	V	54.00(AV)
5512.500	30.15(PK)	V	54.00(AV)

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

### EUT Operating Environment

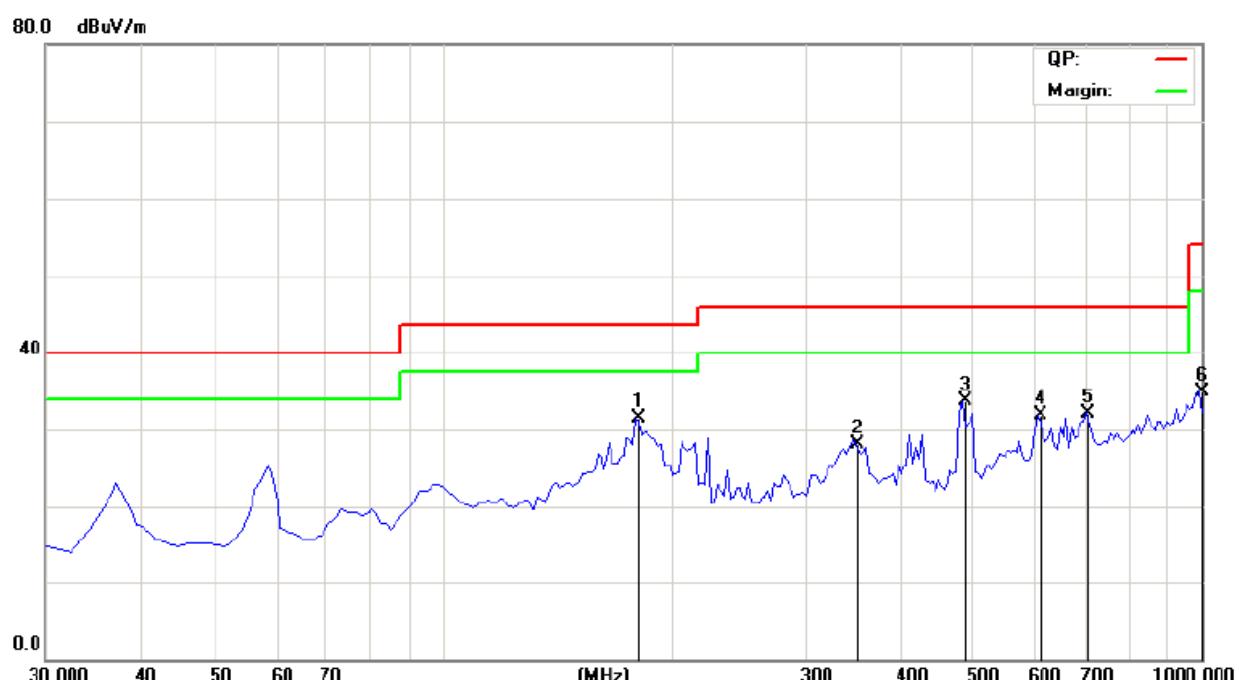
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV-795.25MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
180.350	31.56	H	43.50
350.100	28.02	H	46.00
483.475	33.66	H	46.00
607.150	31.92	H	46.00
709.000	32.20	H	46.00
992.725	34.97	H	54.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

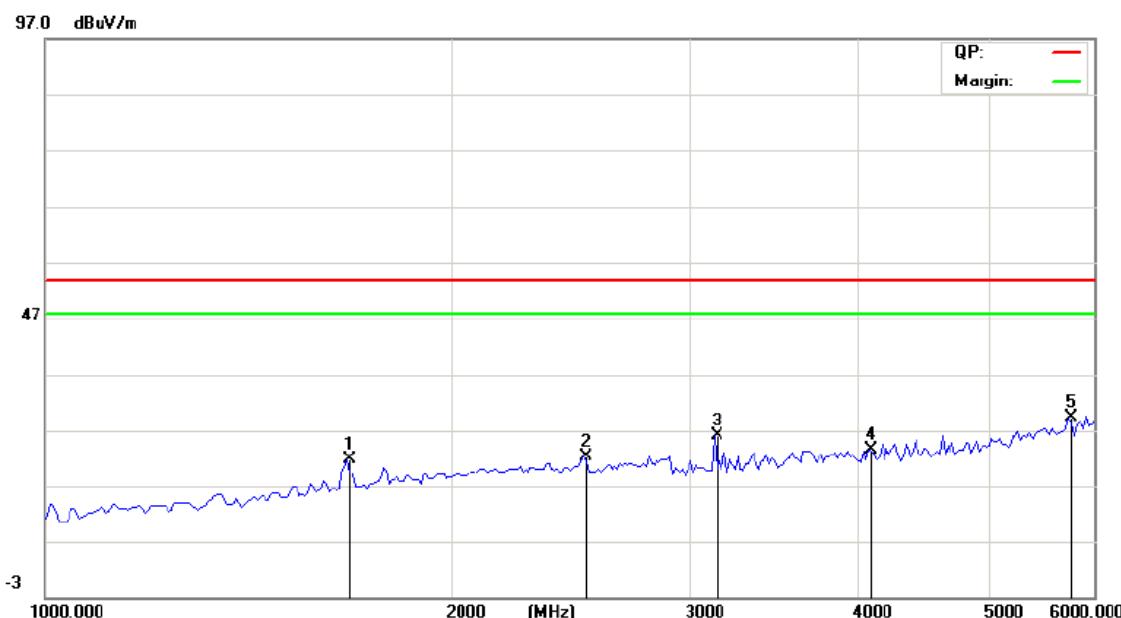
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV-795.25MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1675.000	21.89(PK)	H	54.00(AV)
2512.500	22.41(PK)	H	54.00(AV)
3137.500	26.08(PK)	H	54.00(AV)
4087.500	23.58(PK)	H	54.00(AV)
5750.000	29.37(PK)	H	54.00(AV)

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

### EUT Operating Environment

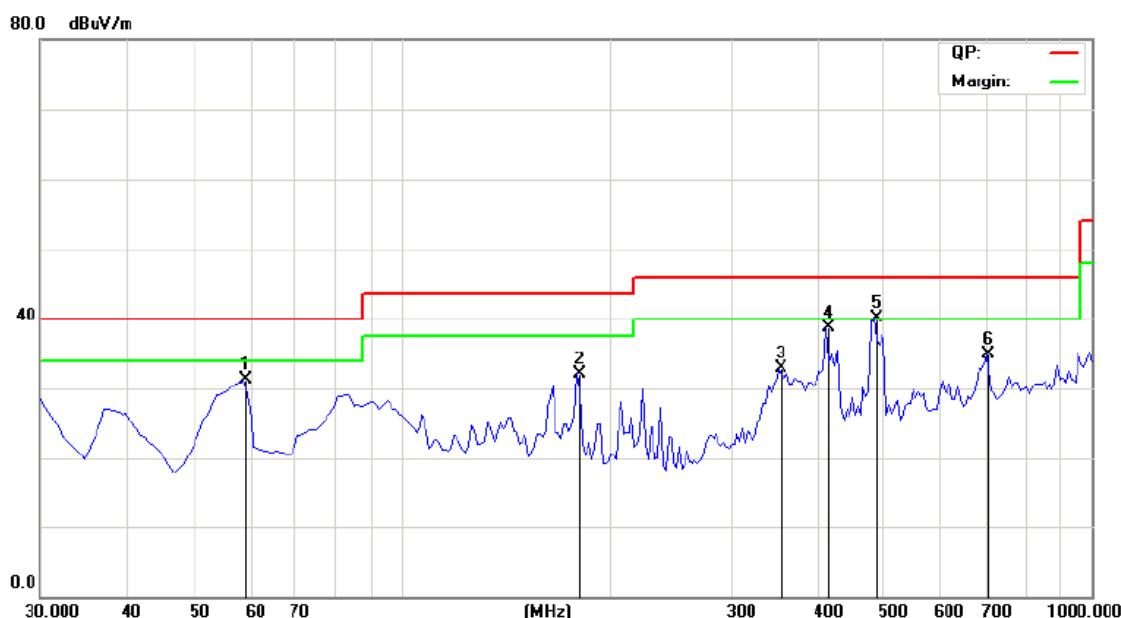
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV-795.25MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBμV/m)	Antenna Polarity	Limit@3m (dBμV/m)
59.100	31.35	V	40.00
180.350	32.20	V	43.50
352.525	33.00	V	46.00
413.150	38.76	V	46.00
483.475	40.16	V	46.00
709.000	34.84	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

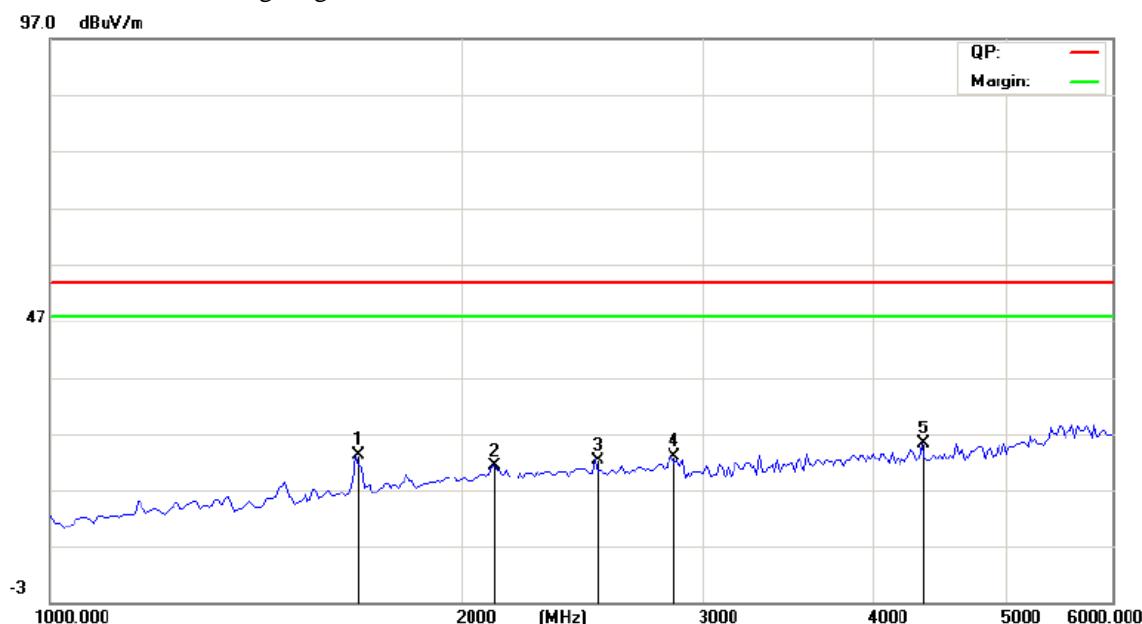
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input ATV-795.25MHz TV Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1675.000	23.43(PK)	V	54.00(AV)
2112.896	21.42(PK)	V	54.00(AV)
2512.500	22.39(PK)	V	54.00(AV)
2862.500	23.02(PK)	V	54.00(AV)
4362.500	25.30(PK)	V	54.00(AV)

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### 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 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)
100.325	28.04	H	43.50
185.200	32.25	H	43.50
224.000	30.10	H	43.50
359.800	32.13	H	46.00
609.575	34.26	H	46.00
667.775	32.04	H	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

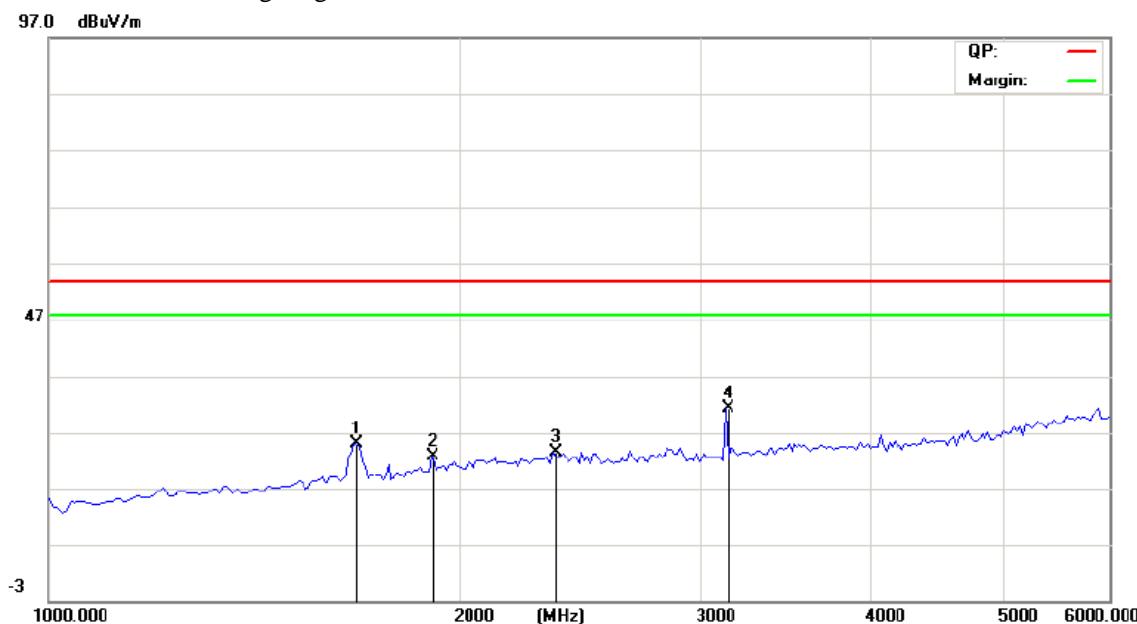
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

#### 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 (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1675.000	25.09(PK)	H	54.00(AV)
1912.500	22.97(PK)	H	54.00(AV)
2350.000	23.58(PK)	H	54.00(AV)
3137.500	31.39(PK)	H	54.00(AV)

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

### EUT Operating Environment

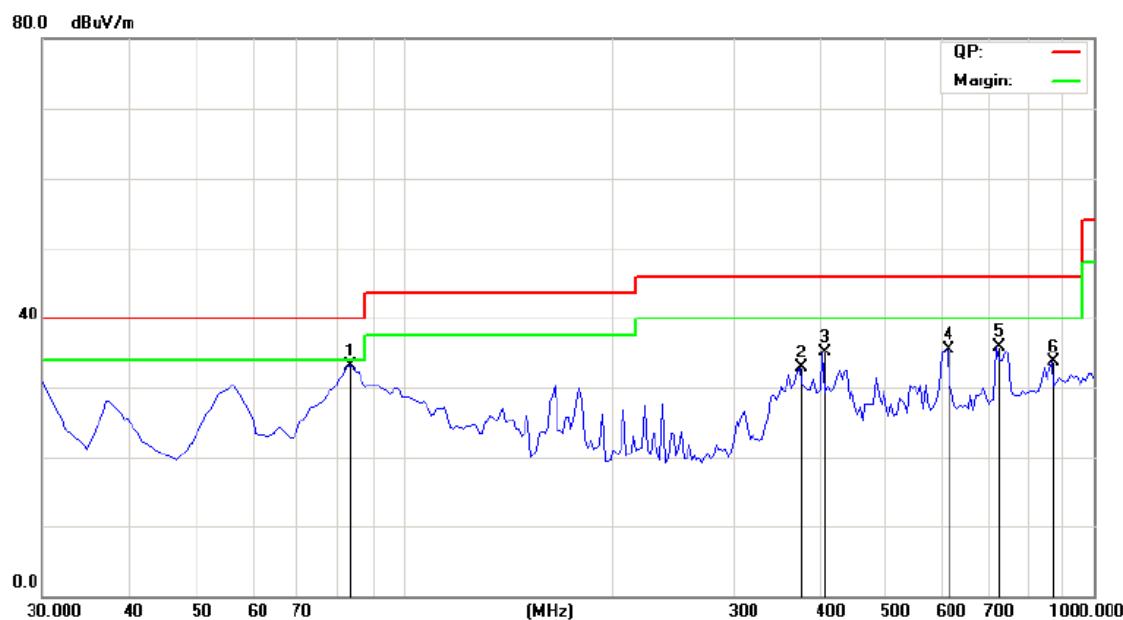
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**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)
83.668	33.12	V	40.00
376.775	32.95	V	46.00
405.875	35.05	V	46.00
614.425	35.41	V	46.00
725.975	35.82	V	46.00
871.475	33.72	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

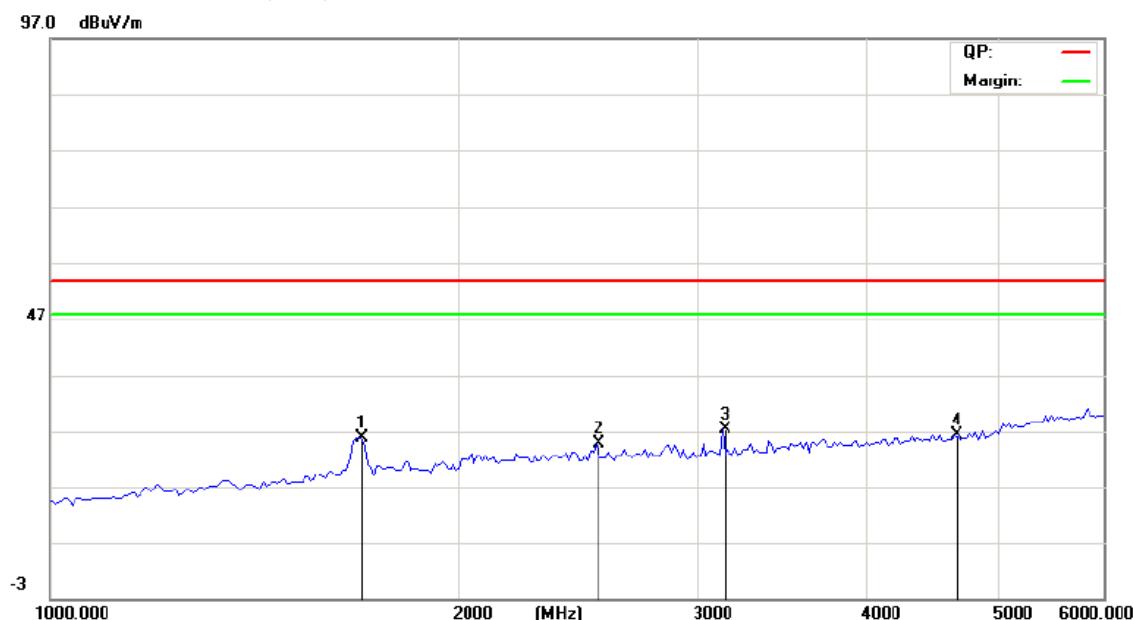
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

#### 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 (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1688.921	25.95(PK)	V	54.00(AV)
2537.500	24.89(PK)	V	54.00(AV)
3137.500	27.50(PK)	V	54.00(AV)
4662.500	26.42(PK)	V	54.00(AV)

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

### EUT Operating Environment

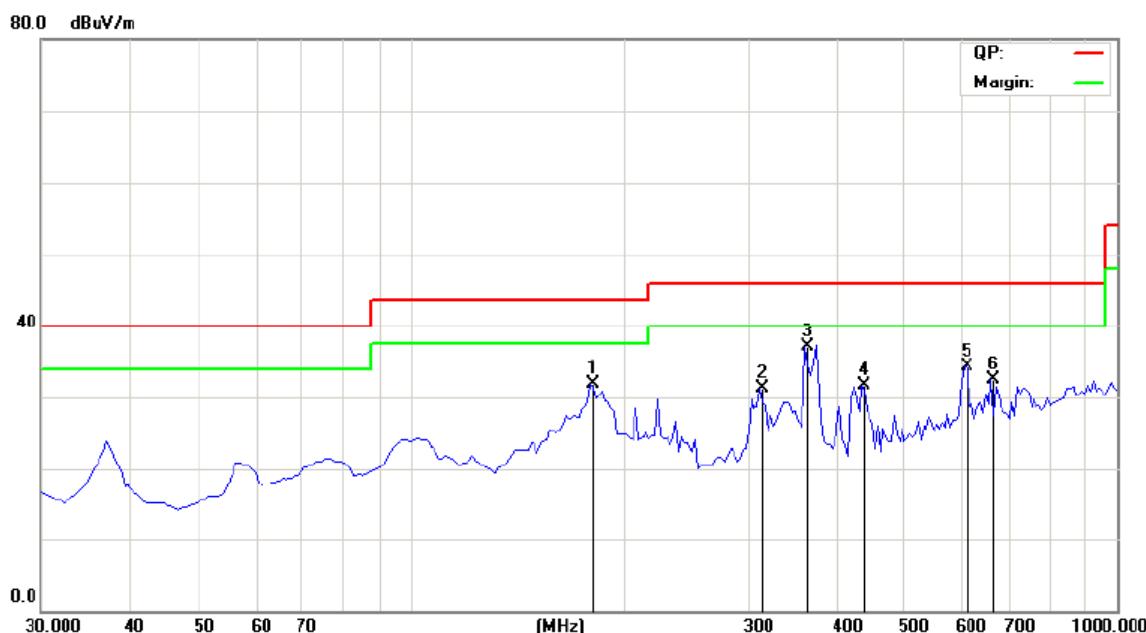
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** Input FM98.1MHz Radio Signal

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
180.350	31.99	H	43.50
313.725	31.27	H	46.00
364.650	37.14	H	46.00
437.400	31.75	H	46.00
612.000	34.24	H	46.00
667.775	32.55	H	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

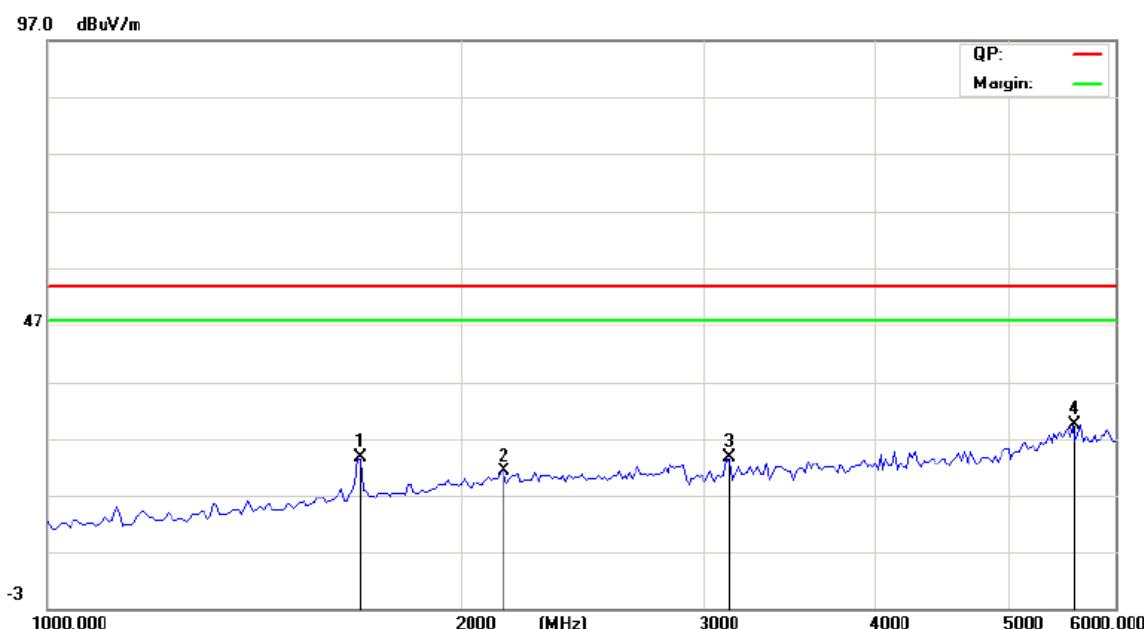
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

#### EUT set Condition: Input FM98.1MHz Radio Signal

#### Equipment Level: Class B

#### Results: Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1687.500	23.93(PK)	H	54.00(AV)
2150.000	21.31(PK)	H	54.00(AV)
3125.000	23.86(PK)	H	54.00(AV)
5587.500	29.69(PK)	H	54.00(AV)

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

### EUT Operating Environment

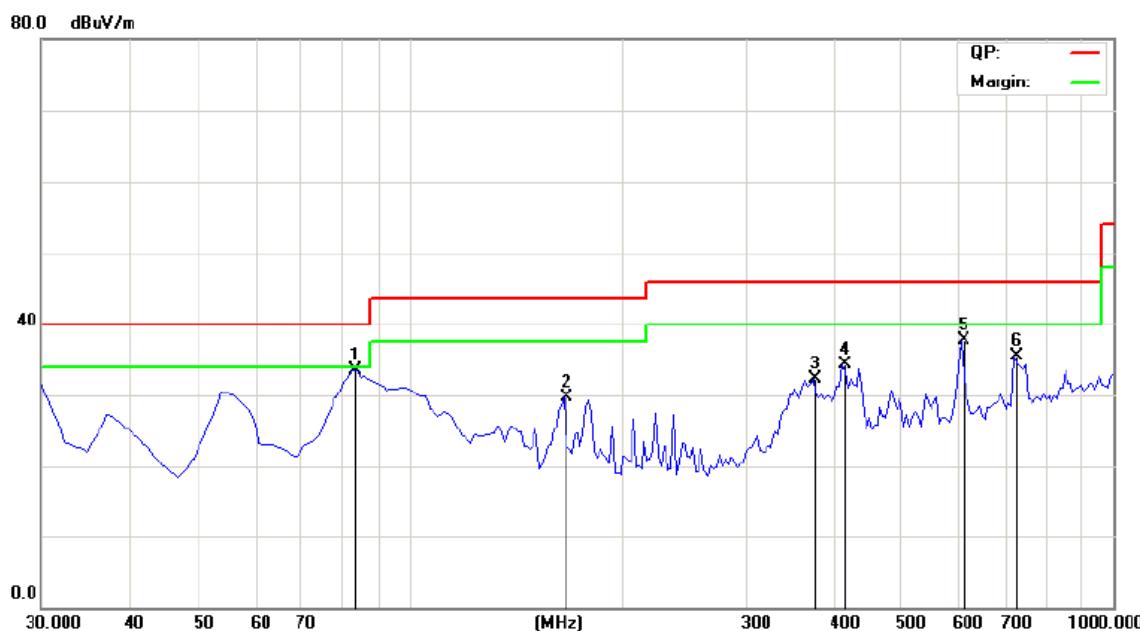
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input FM98.1MHz Radio Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
83.668	33.51	V	40.00
165.800	29.78	V	43.50
376.775	32.33	V	46.00
415.575	34.29	V	46.00
607.150	37.67	V	46.00
725.975	35.44	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

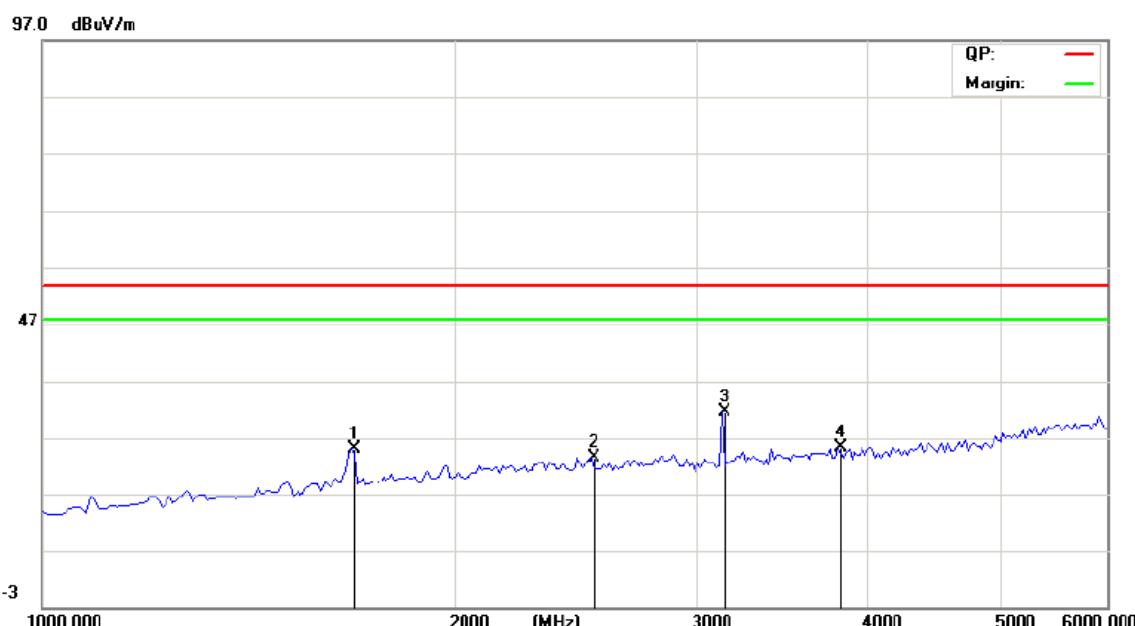
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input FM98.1MHz Radio Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dBµV/m)	Antenna Polarity	Limit@3m (dBµV/m)
1687.500	25.06(PK)	V	54.00(AV)
2525.000	23.68(PK)	V	54.00(AV)
3137.500	31.74(PK)	V	54.00(AV)
3825.000	25.42(PK)	V	54.00(AV)

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

**EUT Operating Environment**

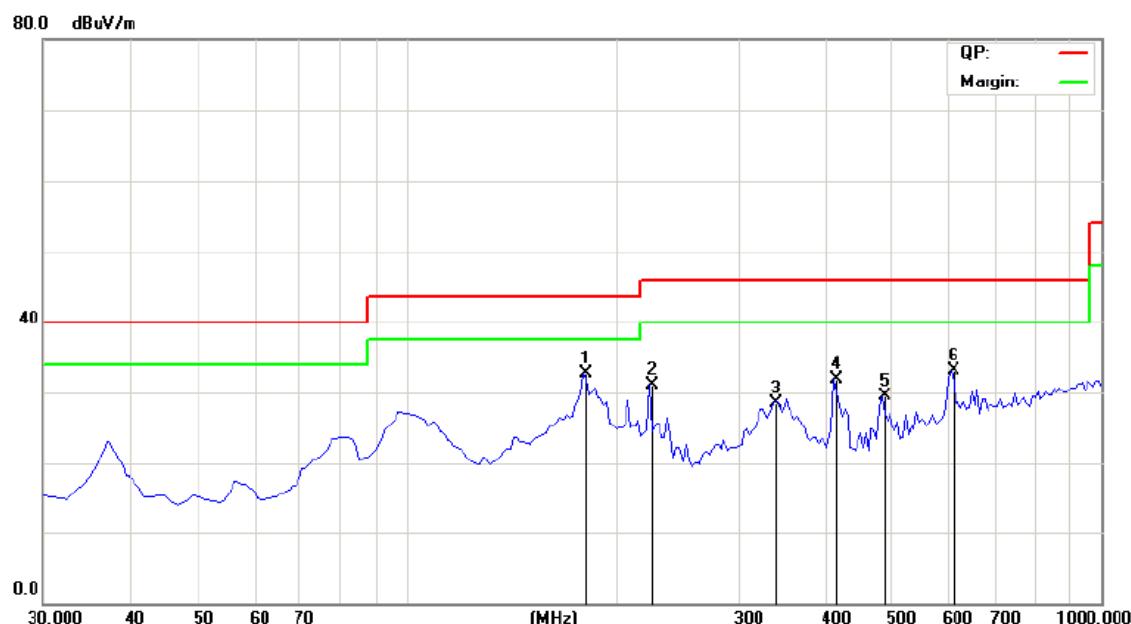
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Input FM107.9MHz Radio Signal**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
180.350	32.73	H	43.50
224.000	31.13	H	46.00
337.975	28.41	H	46.00
413.150	31.95	H	46.00
483.475	29.56	H	46.00
607.150	33.09	H	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### 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 (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1675.000	25.02(PK)	H	54.00(AV)
2112.500	24.61(PK)	H	54.00(AV)
3137.500	29.59(PK)	H	54.00(AV)
3650.000	25.77(PK)	H	54.00(AV)

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

### 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 (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
83.668	32.16	V	40.00
180.350	30.12	V	43.50
357.375	31.52	V	46.00
413.150	37.53	V	46.00
483.475	34.89	V	46.00
607.150	36.01	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

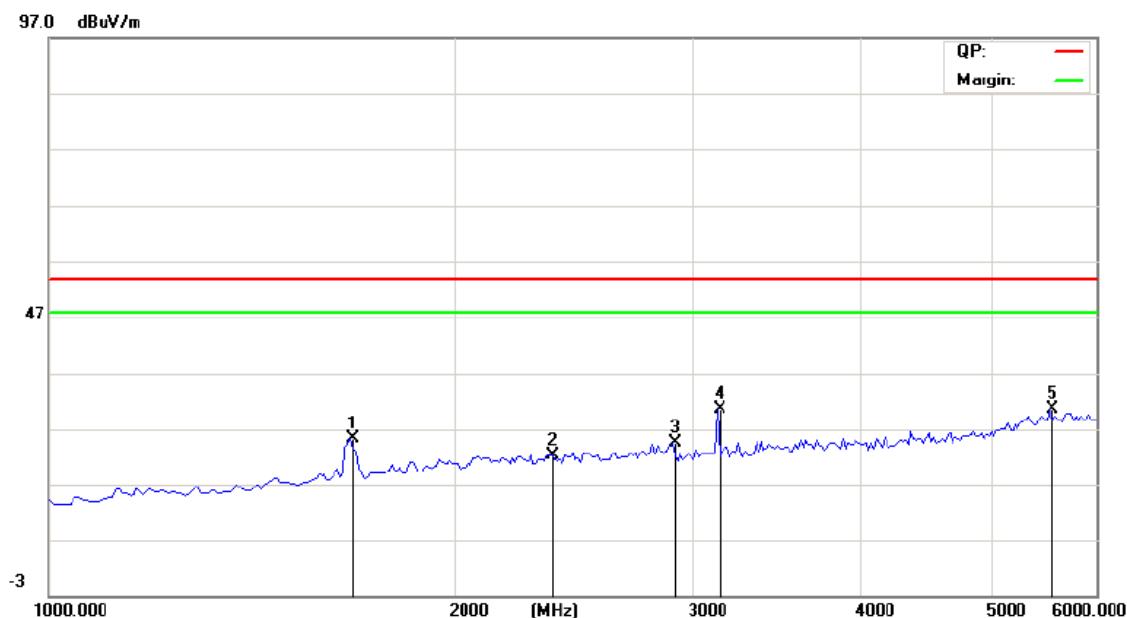
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

#### EUT set Condition: Input FM107.9MHz Radio Signal

#### Equipment Level: Class B

#### Results: Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1675.000	25.29(PK)	V	54.00(AV)
2362.500	22.50(PK)	V	54.00(AV)
2912.500	24.60(PK)	V	54.00(AV)
3137.500	30.53(PK)	V	54.00(AV)
5550.000	30.51(PK)	V	54.00(AV)

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## A1 Radiated Disturbance (30MHz----1000MHz)

### EUT Operating Environment

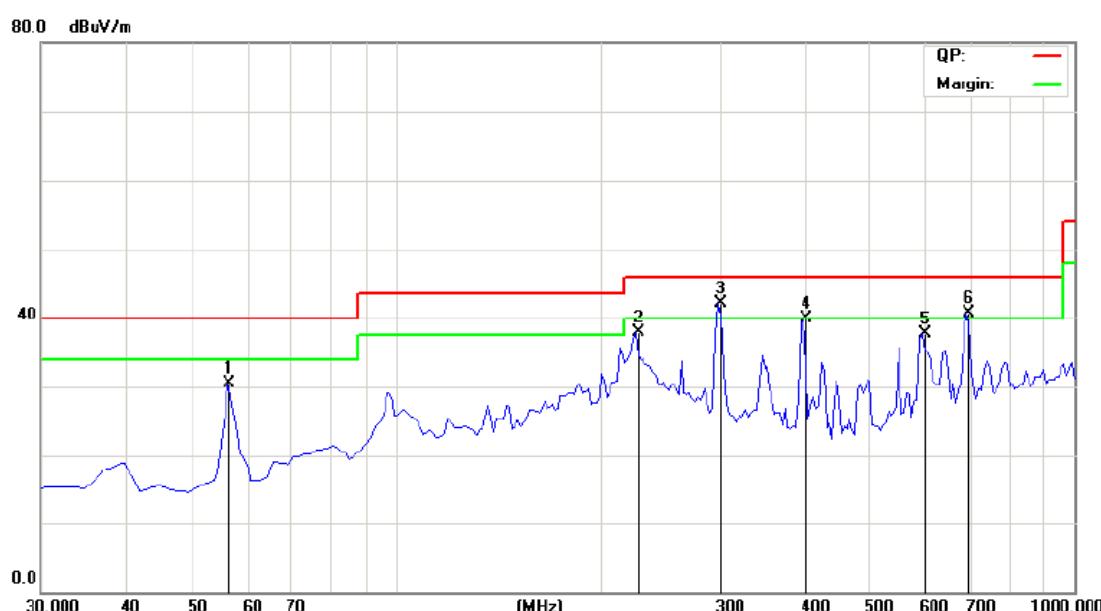
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** VGA ( 1024\*768)      **Connected to PC**

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
56.675	30.59	H	40.00
226.425	37.87	H	46.00
299.175	42.13	H	46.00
401.025	39.98	H	46.00
599.875	37.62	H	46.00
694.450	40.63	H	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

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

**EUT set Condition:** VGA ( 1024\*768) Connected to PC

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
2087.500	23.08(PK)	H	54.00(AV)
2662.500	24.91(PK)	H	54.00(AV)
2887.500	24.51(PK)	H	54.00(AV)
3137.500	30.74(PK)	H	54.00(AV)
5425.000	29.84(PK)	H	54.00(AV)

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## B1 Radiated Disturbance (30MHz----1000MHz)

### EUT Operating Environment

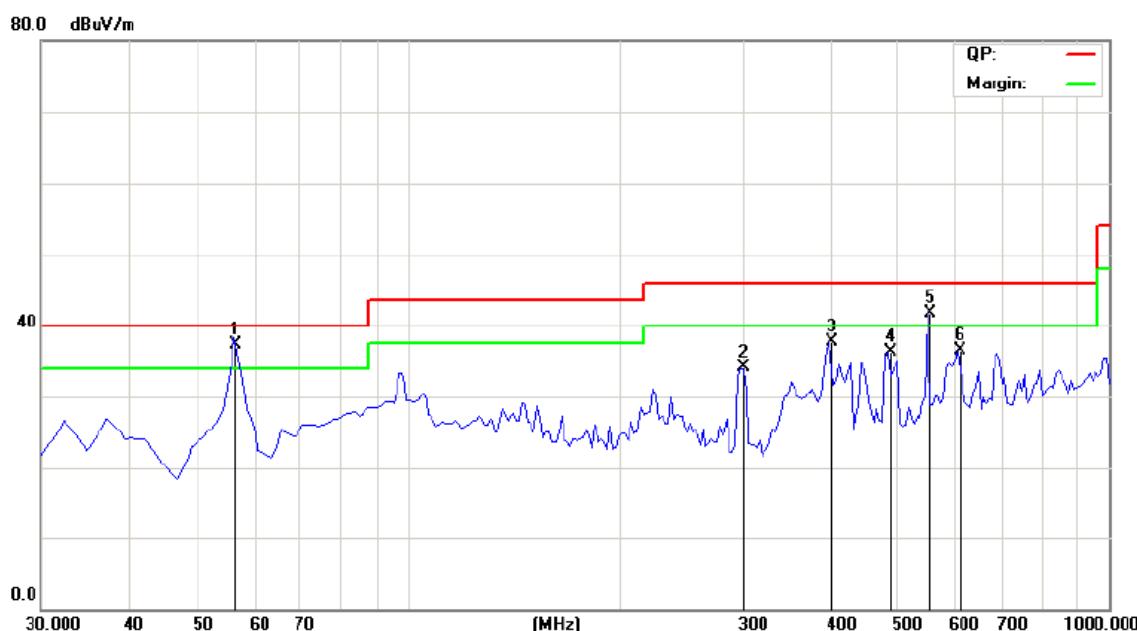
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** VGA (1024\*768)      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)
56.675	37.26	V	40.00
299.175	34.10	V	46.00
401.025	37.74	V	46.00
483.475	36.21	V	46.00
551.375	41.79	V	46.00
607.150	36.52	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

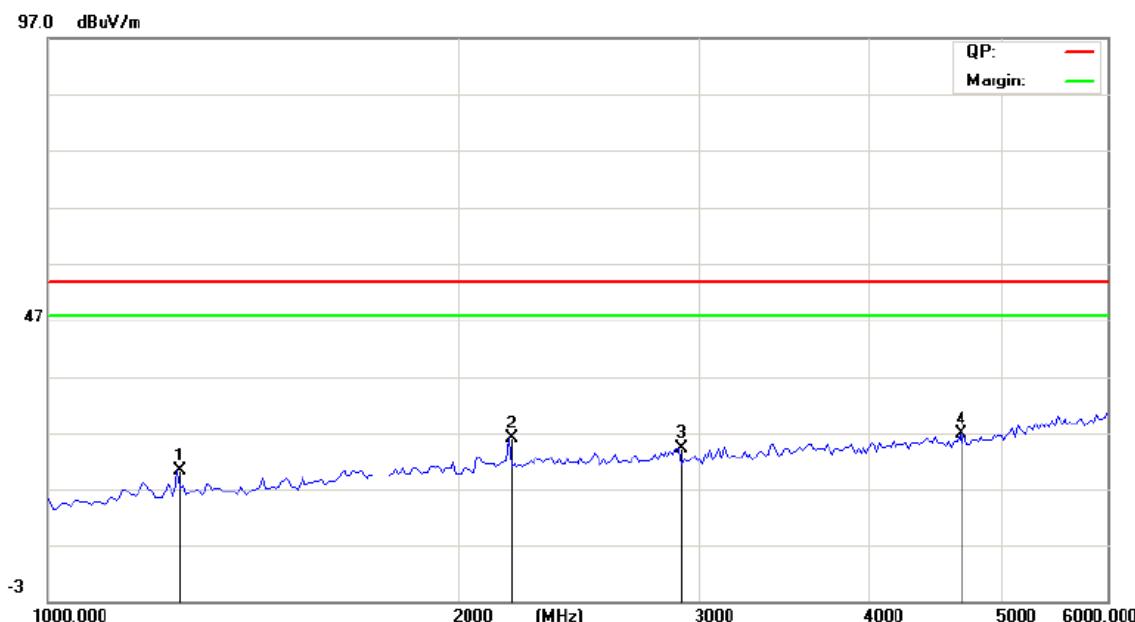
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** VGA (1024\*768)      Connected to PC

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1250.000	20.29(PK)	V	54.00(AV)
2187.500	26.08(PK)	V	54.00(AV)
2912.500	24.43(PK)	V	54.00(AV)
4687.500	26.83(PK)	V	54.00(AV)

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## C1 Radiated Disturbance (30MHz----1000MHz)

### EUT Operating Environment

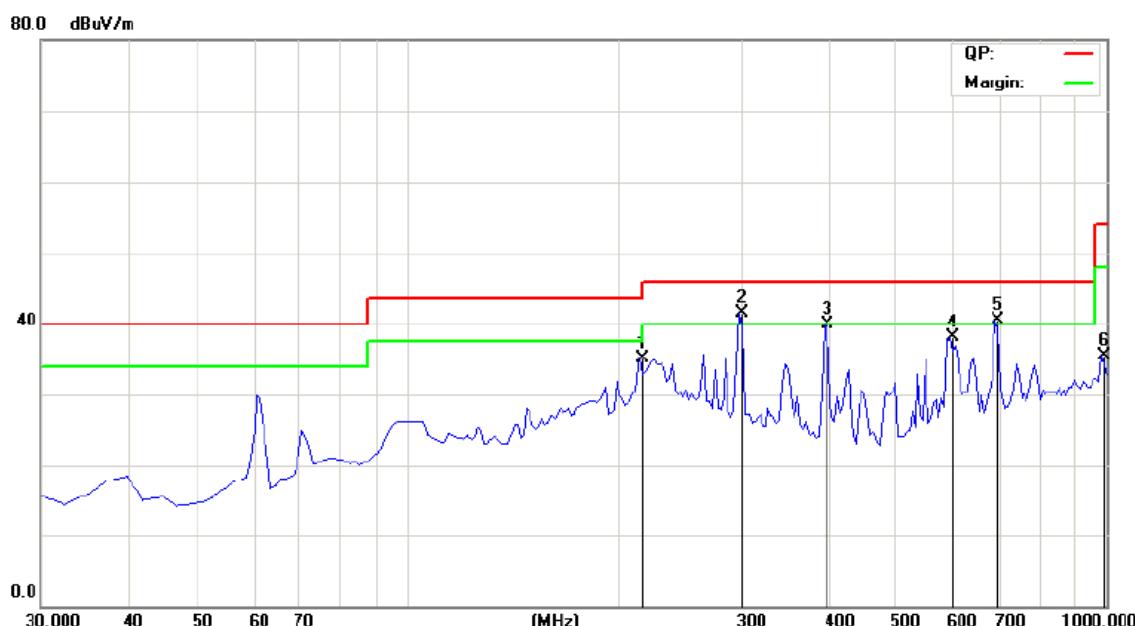
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** VGA ( 1200\*1024)      **Connected to PC**

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
216.725	35.12	H	46.00
299.175	41.58	H	46.00
296.175	39.86	H	46.00
597.450	38.10	H	46.00
694.450	40.52	H	46.00
990.300	35.57	H	54.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

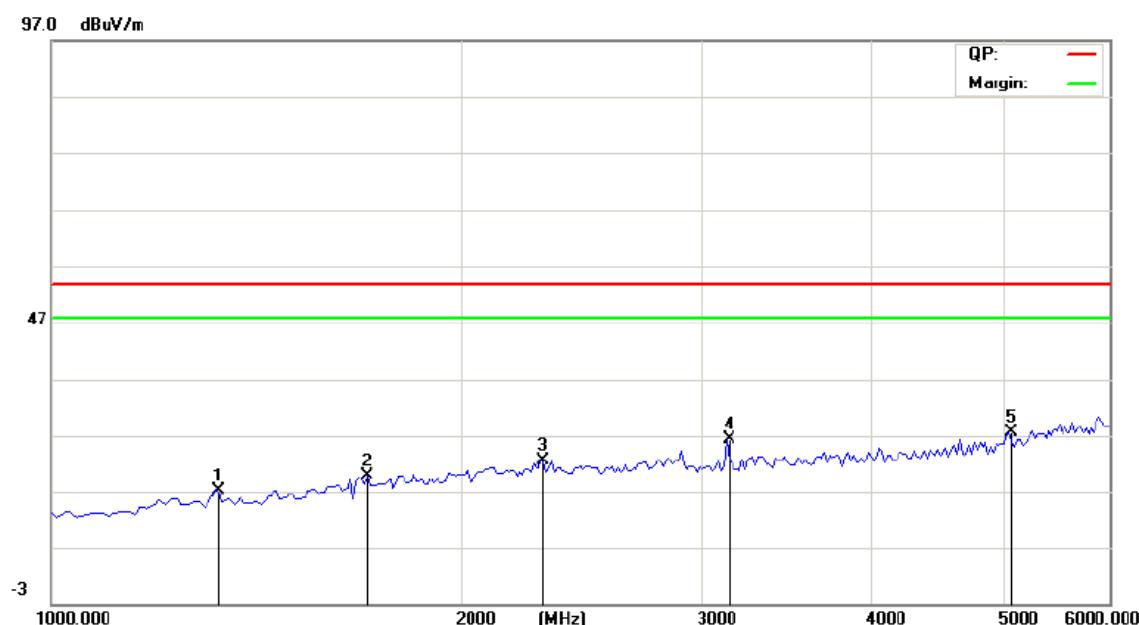
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: VGA ( 1200\*1024) 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)
1325.000	17.14(PK)	H	54.00(AV)
1704.119	20.00(PK)	H	54.00(AV)
2300.000	22.69(PK)	H	54.00(AV)
3137.500	26.31(PK)	H	54.00(AV)
5062.500	27.51(PK)	H	54.00(AV)

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## D1 Radiated Disturbance (30MHz----1000MHz)

### EUT Operating Environment

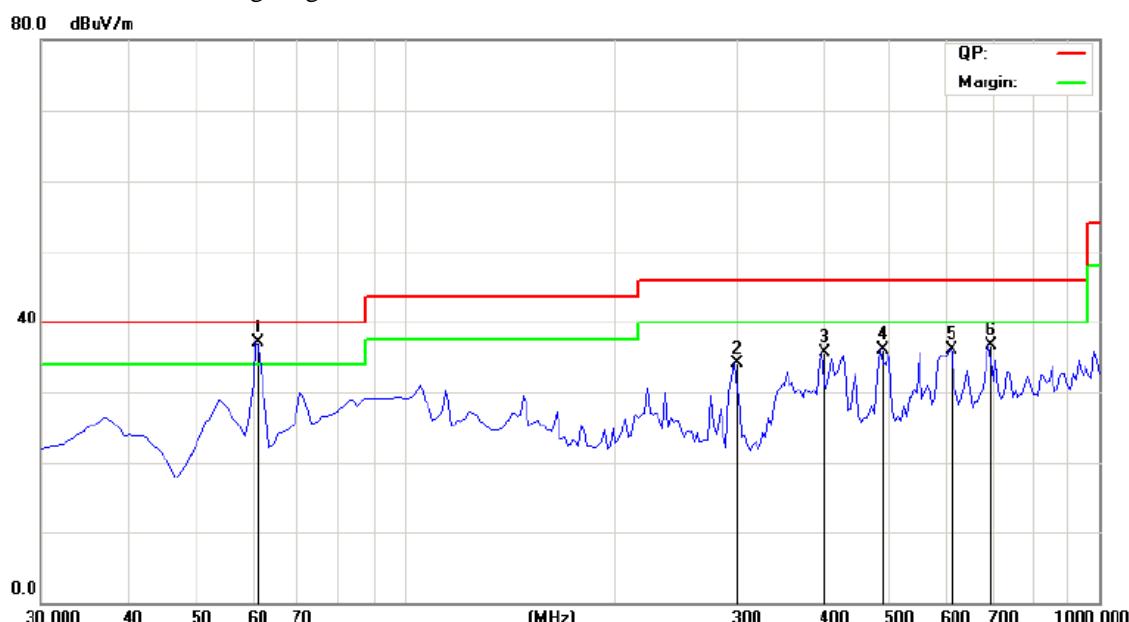
Temperature:25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: VGA ( 1200\*1024 ) 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)
61.525	37.16	V	40.00
299.175	34.12	V	46.00
398.600	35.62	V	46.00
483.475	36.17	V	46.00
607.150	36.18	V	46.00
694.450	36.78	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

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

**EUT set Condition: VGA ( 1200\*1024)    Connected to PC**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1651.514	24.76(PK)	V	54.00(AV)
2125.000	22.86(PK)	V	54.00(AV)
2537.500	27.67(PK)	V	54.00(AV)
3137.500	26.02(PK)	V	54.00(AV)
4525.000	26.66(PK)	V	54.00(AV)

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## E1 Radiated Disturbance (30MHz----1000MHz)

### EUT Operating Environment

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

**EUT set Condition:** Play USB

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
97.900	24.63	H	43.50
185.200	30.08	H	43.50
313.725	30.06	H	46.00
364.650	34.78	H	46.00
425.275	31.51	H	46.00
903.000	32.23	H	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

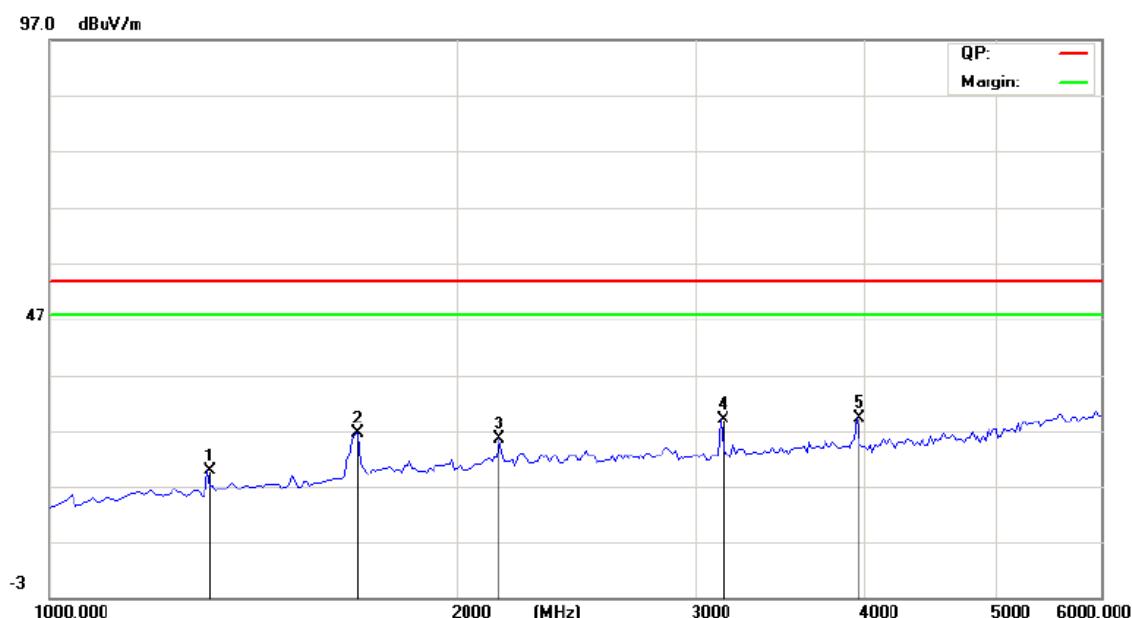
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** Play USB

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1312.500	19.87(PK)	H	54.00(AV)
1688.920	26.54(PK)	H	54.00(AV)
2151.095	25.52(PK)	H	54.00(AV)
31.37.500	29.25(PK)	H	54.00(AV)
3962.500	29.34(PK)	H	54.00(AV)

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## F1 Radiated Disturbance (30MHz----1000MHz)

### EUT Operating Environment

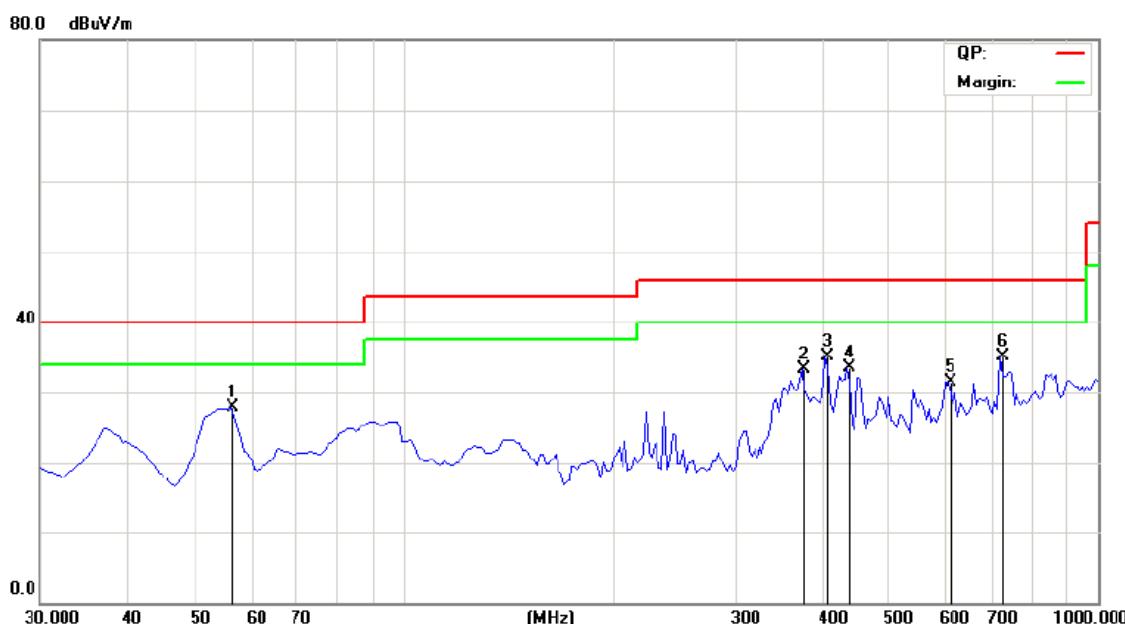
Temperature:25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition: Play USB**

**Equipment Level: Class B**

**Results: Pass**

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
56.675	27.83	V	40.00
376.775	33.21	V	46.00
408.300	35.11	V	46.00
437.400	33.41	V	46.00
607.150	31.55	V	46.00
728.400	35.05	V	46.00

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### Radiated Disturbance (1000MHz----6000MHz)

#### EUT Operating Environment

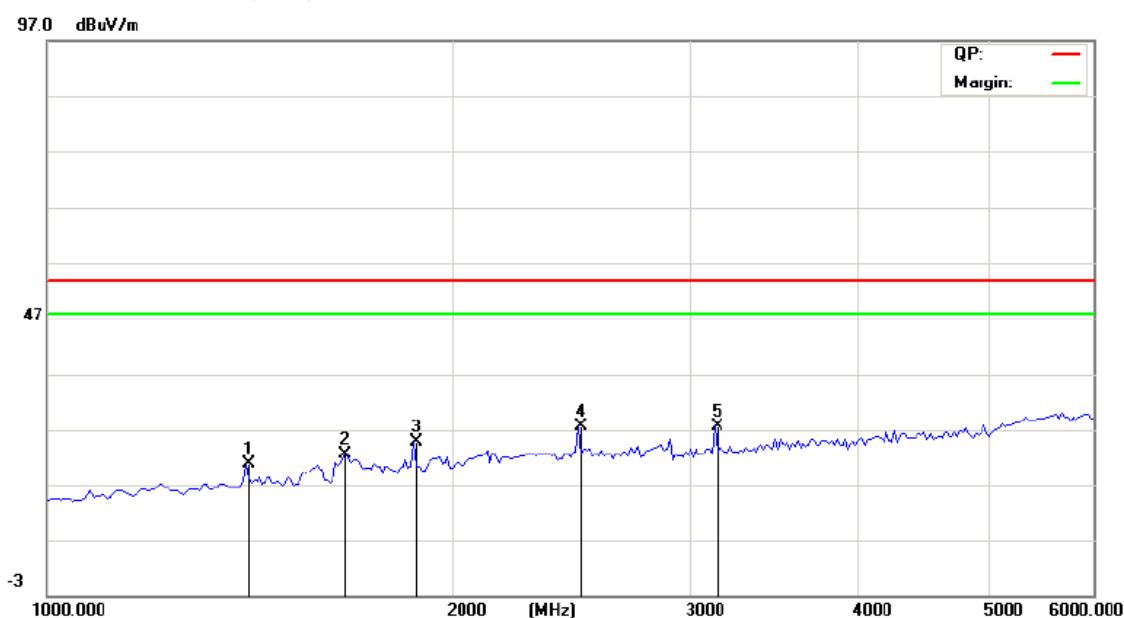
Temperature: 25°C      Humidity: 75%RH      Atmospheric Pressure: 101 KPa

**EUT set Condition:** Play USB

**Equipment Level:** Class B

**Results:** Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB $\mu$ V/m)	Antenna Polarity	Limit@3m (dB $\mu$ V/m)
1405.558	20.83(PK)	V	54.00(AV)
1668.376	22.62(PK)	V	54.00(AV)
1875.000	24.87(PK)	V	54.00(AV)
2487.500	27.60(PK)	V	54.00(AV)
3137.500	27.54(PK)	V	54.00(AV)

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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(75ohm/50ohm)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 MHz	Power nW	Voltage dB $\mu$ V	Detector
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 (MHz)	Emission level (dB $\mu$ V)	Reading level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	
464.32	39.65	35.61	51.8	16.19	
754.54	40.54	36.65	51.8	15.15	

Test mode	TV633.25MHz		Frequency Range	30M-5000MHz	
Frequency (MHz)	Emission level (dB $\mu$ V)	Reading level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	
352.43	43.75	37.53	51.8	14.27	
564.78	39.85	34.25	51.8	12.34	
785.45	38.75	33.73	51.8	12.60	
954.76	38.56	32.12	51.8	13.88	

Test mode	TV795.25MHz		Frequency Range	30M-5000MHz	
Frequency (MHz)	Emission level (dB $\mu$ V)	Reading level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	
374.54	37.65	32.65	51.8	19.15	
586.45	40.54	33.65	51.8	18.15	
864.28	38.69	32.66	51.8	13.11	

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Test mode	DTV54.31MHz		Frequency Range	30M-1000MHz	
Frequency (MHz)	Emission level (dBμV)	Reading level (dBμV)	Limit (dBμV)	Margin (dB)	
267.65	40.65	37.65	51.8	14.15	
735.65	42.76	38.43	51.8	13.37	

Test mode	DTV198.31MHz		Frequency Range	30M-2000MHz	
Frequency (MHz)	Emission level (dBμV)	Reading level (dBμV)	Limit (dBμV)	Margin (dB)	
186.65	39.65	36.65	51.8	15.15	
587.43	41.54	37.32	51.8	14.48	

Test mode	DTV554.31MHz		Frequency Range	30M-5000MHz	
Frequency (MHz)	Emission level (dBμV)	Reading level (dBμV)	Limit (dBμV)	Margin (dB)	
268.35	41.54	38.75	51.8	13.05	
846.53	44.78	40.80	51.8	11.00	

Test mode	FM88.1MHz		Frequency Range	30M-1000MHz	
Frequency (MHz)	Emission level (dBμV)	Reading level (dBμV)	Limit (dBμV)	Margin (dB)	
363.64	37.75	34.64	51.8	17.16	
685.67	39.46	36.75	51.8	15.05	

Test mode	FM98.1MHz		Frequency Range	30M-1000MHz	
Frequency (MHz)	Emission level (dBμV)	Reading level (dBμV)	Limit (dBμV)	Margin (dB)	
284.45	38.56	34.65	51.8	17.15	
685.74	40.43	36.25	51.8	15.55	

Test mode	FM107.9MHz		Frequency Range	30M-1000MHz	
Frequency (MHz)	Emission level (dBμV)	Reading level (dBμV)	Limit (dBμV)	Margin (dB)	
236.53	39.32	36.12	51.8	15.68	
794.40	41.54	37.09	51.8	14.71	

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FCC ID: WQ5CV2200M

7.0

**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**

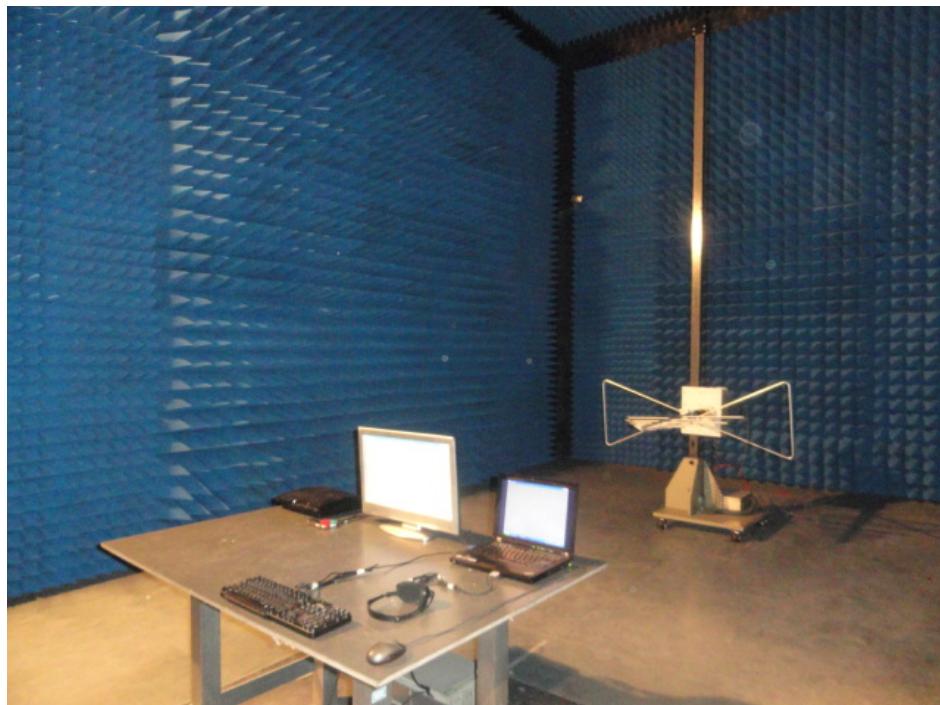
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8.0 Photo of testing

8.1 Radiated emission test view— (30MHz---1000MHz)



8.2 Radiated emission test view— (Above 1GHz)



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8.3 Photo for the EUT

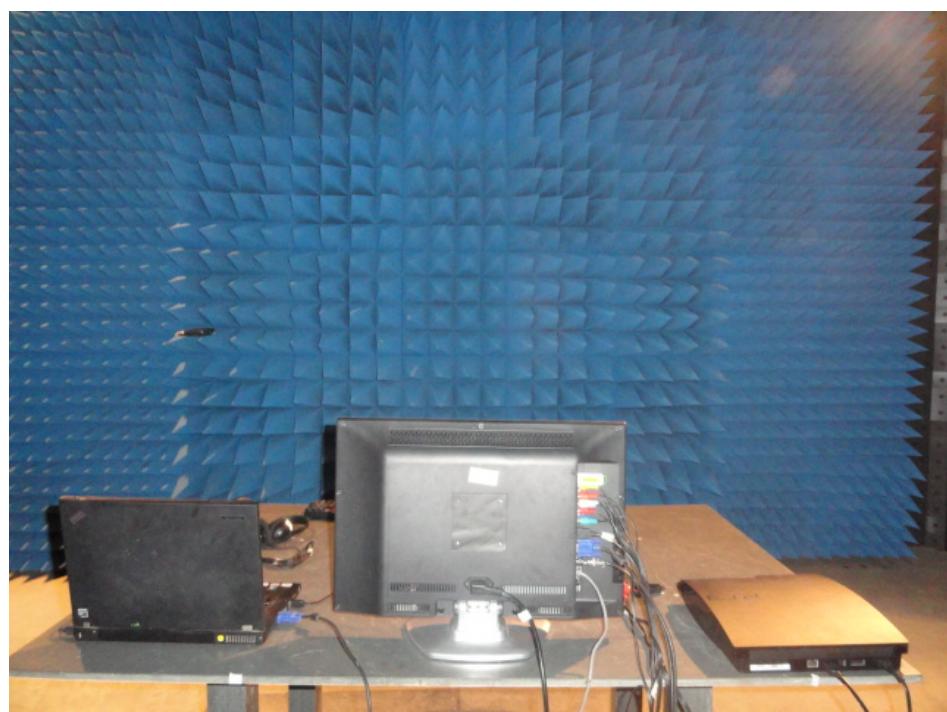


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Back View



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Photo for the EUT



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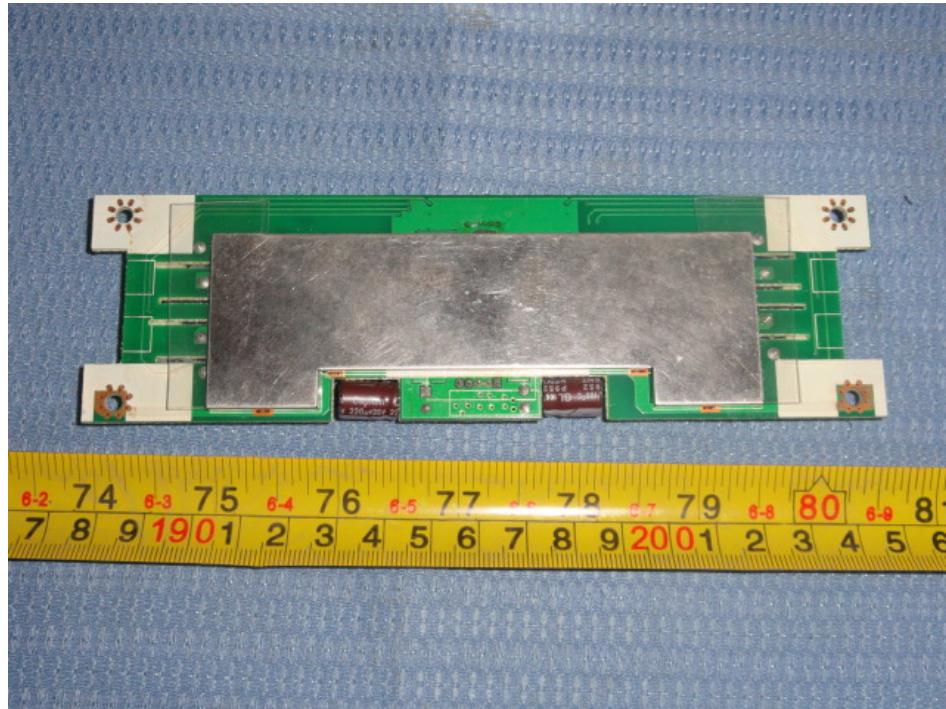
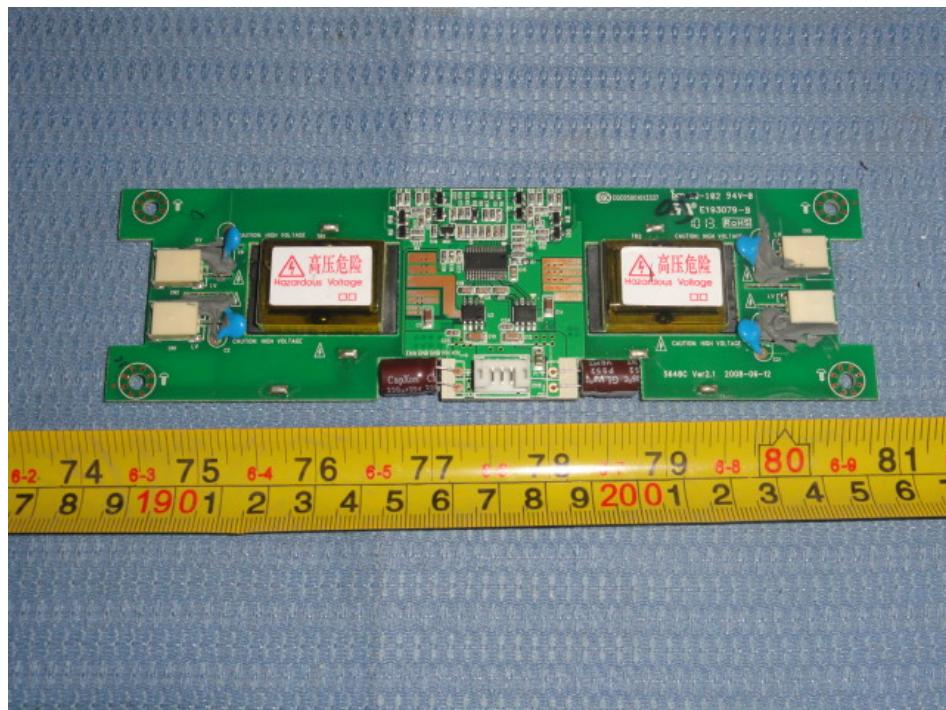


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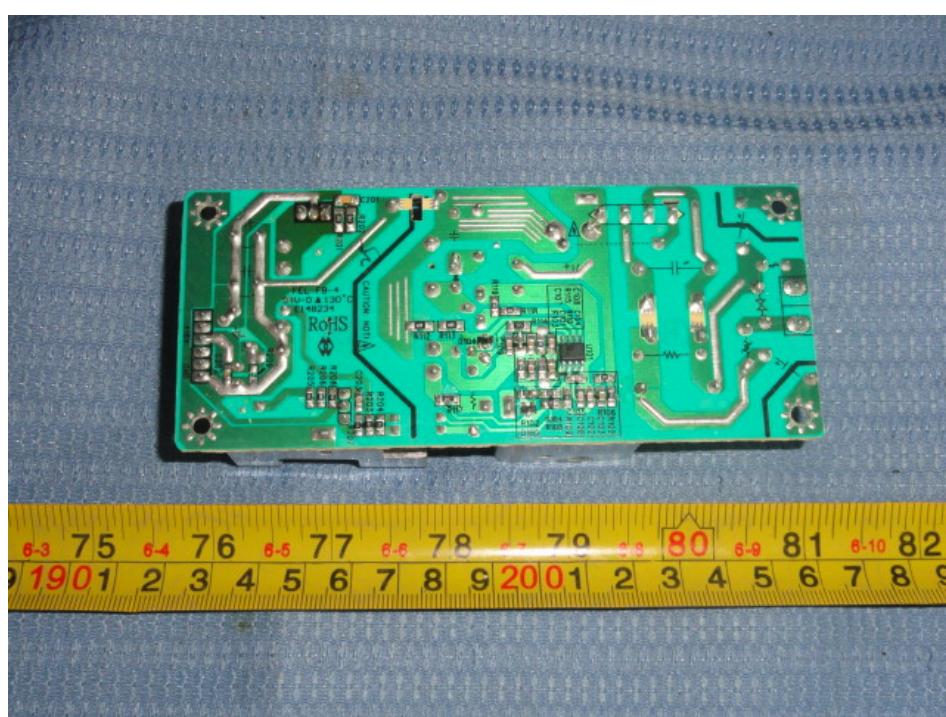


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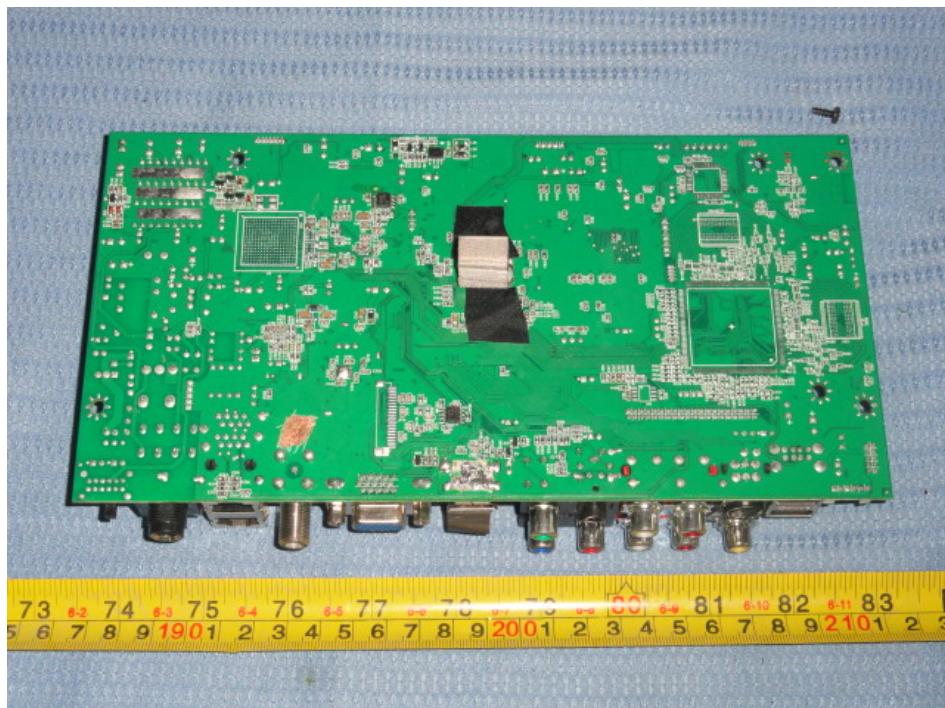
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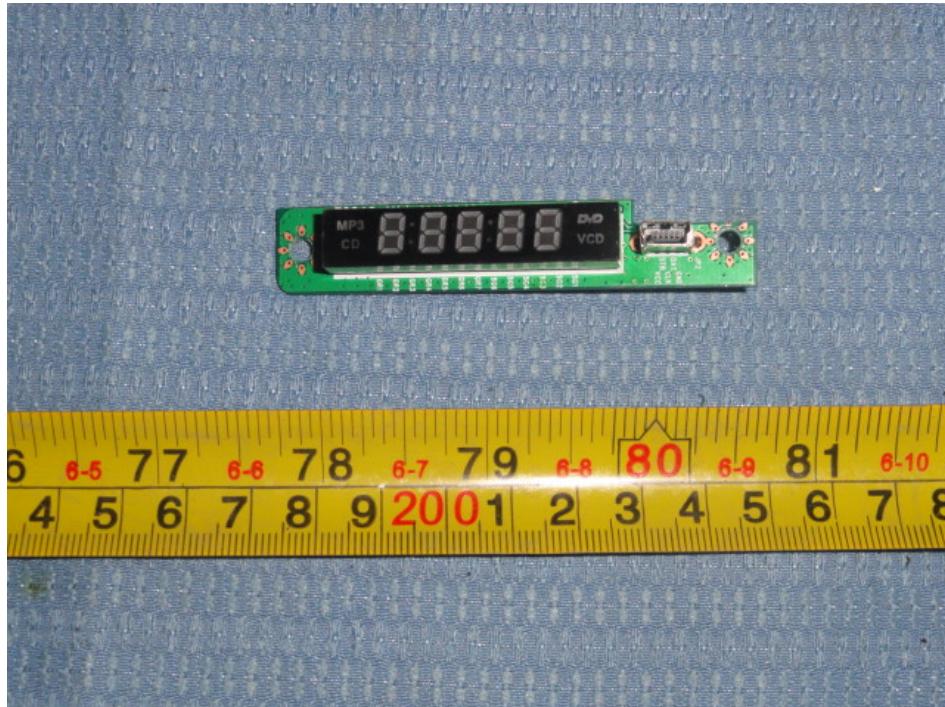
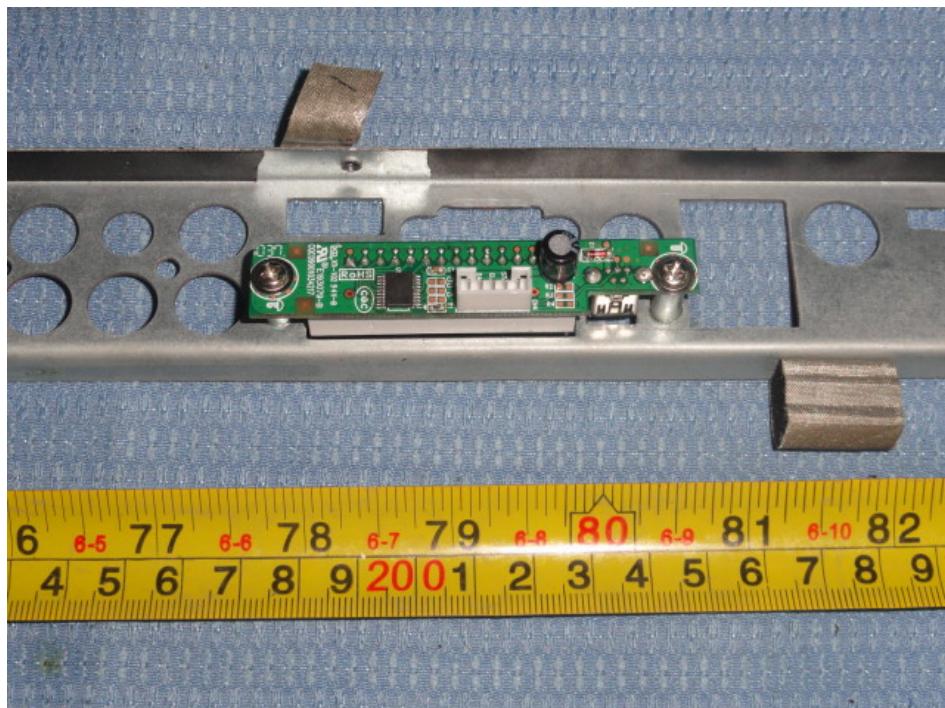


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**-End of the report-**

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