

Approved : *Takahiro Yoneda*
Takahiro YonedaPrepared : *Katsumi Ishikawa*
Katsumi Ishikawa

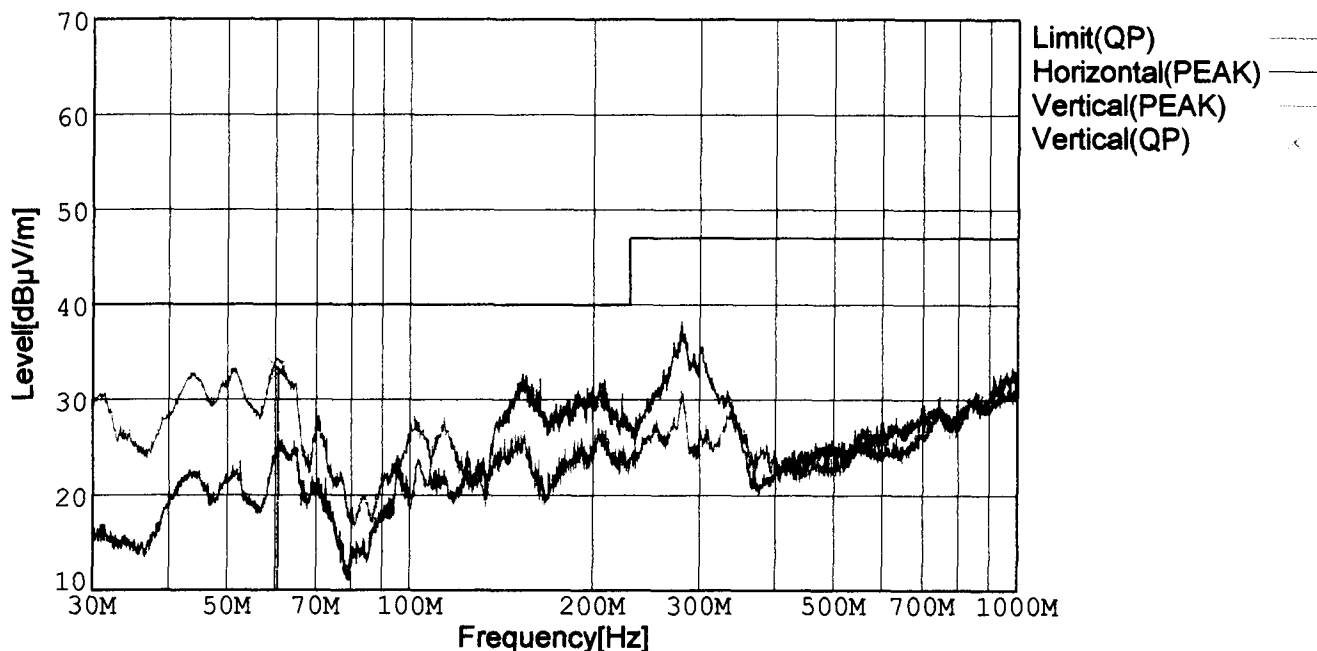
No.	Test item	Conditions	Conditions of Acceptability	Result
1	Line conduction	(1) Rated input(AC100V,120V,230V) (2) Rated load (3) Ambient temp. 25±10°C	(1)Meets the undermentioned standard. FCC Part15 classB , VCCI classB CISPR22 classB , EN55022-B	OK
2	Radiated emission	(1) Rated input(AC100V,120V,230V) (2) Rated load (3) Ambient temp. 25±10°C	(1)Meets the undermentioned standard. FCC Part15 classB , VCCI classB CISPR22 classB , EN55022-B	OK
3	Harmonic current (EN61000-3-2)	(1) Rated input (AC100V,230V) (2) Load 0 - Rated load (3) Ambient temp. 25±10°C	(1)Meets the undermentioned standard. EN61000-3-2 classA	OK
4	Static electricity immunity test (EN61000-4-2)	(1) Rated input (AC230V) (2) Rated load (3) Ambient temp. 25±10°C (4) Contact discharge voltage 8[kV] (Level 4)	(1)No protection circuit failure. (2)No output voltage drop with control circuit failure. (3)No any other function failure	OK
5	Radiated, radio-frequency, electromagnetic field immunity test (EN61000-4-3)	(1) Rated input (AC230V) (2) Rated load (3) Ambient temp. 25±10°C (4)Testing field strength 10[V/m] (Level 3)	(1)No protection circuit failure. (2)No output voltage drop with control circuit failure. (3)No any other function failure	OK
6	Electrical fast transient/ burst immunity test (EN61000-4-4)	(1) Rated input (AC230V) (2) Rated load (3) Ambient temp. 25±10°C (4) Test peak voltage 4[kV] (Level 4)	(1)No protection circuit failure. (2)No output voltage drop with control circuit failure. (3)No any other function failure	OK
7	Surge immunity test (EN61000-4-5)	(1) Rated input (AC230V) (2) Rated load (3) Ambient temp. 25±10°C (4) Test voltage Line to line 2[kV] (Level 3) Line to earth 4[kV] (Level 4)	(1)The power supply is not stop (2)Circuit does not malfunction. (3)No abnormality of the insulation destruction etc. (4)Parts are no damaged.	OK
8	Immunity to conducted disturbances, induced by radio-frequency fields (EN61000-4-6)	(1) Rated input (AC230V) (2) Rated load (3) Ambient temp. 25±10°C (4) Voltage level (e.m.f.) 10[V] (Level 3)	(1)No protection circuit failure. (2)No output voltage drop with control circuit failure. (3)No any other function failure	OK
9	Power frequency magnetic field immunity test (EN61000-4-8)	(1) Rated input (AC230V) (2) Rated load (3) Ambient temp. 25±10°C (4) Magnetic field 30A/m (Level 4)	(1)No protection circuit failure. (2)No output voltage drop with control circuit failure. (3)No any other function failure	OK
10	Voltage dips, short interruptions and voltage variations immunity test (EN61000-4-11)	(1) Rated input (AC230V) -30% reduction at 10mS min. -60% reduction at 100mS min -95% reduction at 5S min. -±10% variation at 15 minutes (2) Rated load (3) Ambient temp. 25±10°C	(1)No protection circuit failure. (2)No output voltage drop with control circuit failure. (3)No any other function failure	OK



RADIATED EMISSION

Model Name : ADA750F-24
 Model No. :
 Serial No. :
 Points : 2
 Detector : PEAK/QP
 Polarization : Vertical
 Limit: [EN 55022] Class B<3m>

Power Supply : 230V(1Phase) 50Hz
 Temp. : 25deg C
 Humi. : 45%
 Date : 2002/11/9 3:42
 Test Equip. : R3132,ESPC
 Comment : Load100%(+24V31.5A)



Frequency [MHz]	Meter Reading (QP) [dBµV]	Ant. Type	Antenna Factor [dB/m]	Cable & Preamp [dB]	Level (QP) [dBµV/m]	Angle[°]	Height [cm]	Polar.	Limit [dBµV/m]	Margin [dB]
60.556	51.8	BL	4.4	-22.8	33.4	316	111	Vert.	40.0	6.6
60.838	51.5	BL	4.4	-22.9	33.0	241	126	Vert.	40.0	7.0

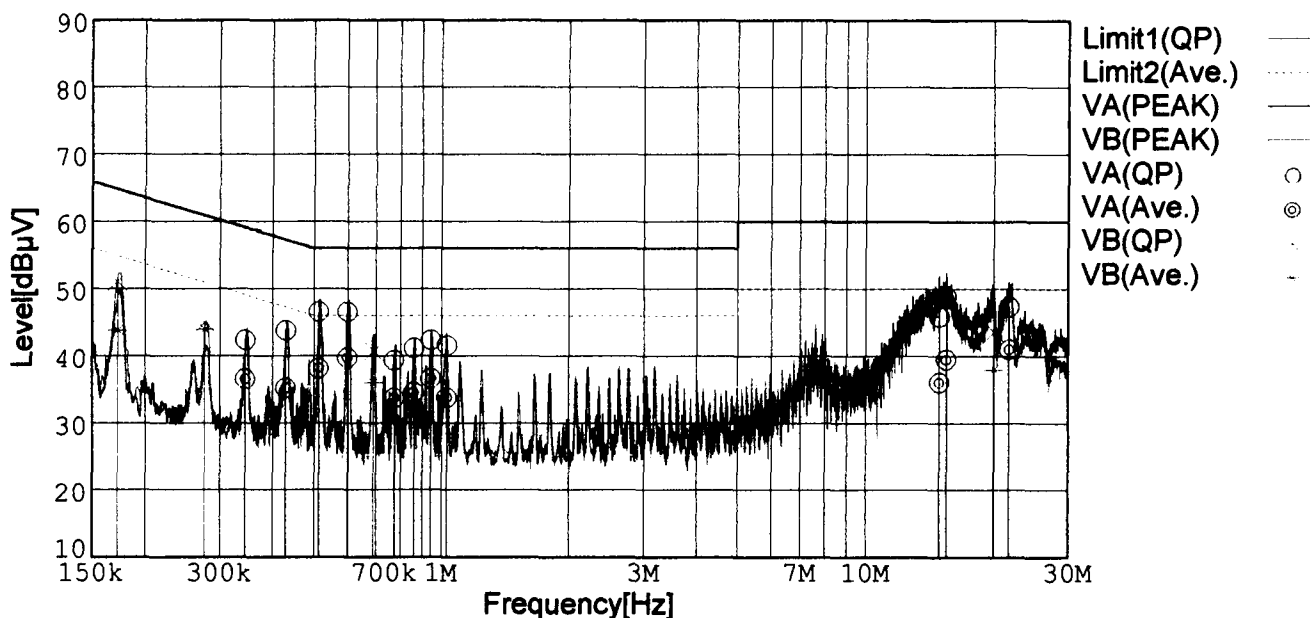
BL: Biconi-Log



LINE CONDUCTION

Model Name : ADA750F-24
 Model No. :
 Serial No. :
 Points : 15
 Detector : PEAK/QP/Ave.
 Line Mode : VA/VB
 Limit1: [EN 55022] Class B(QP)
 Limit2: [EN 55022] Class B(Ave.)

Power Supply : 230V(1Phase) 50Hz
 Temp. : 25deg C
 Humi. : 45%
 Date : 2002/11/9 4:44
 Test Equip. : R3132,ESPC
 Comment : Load100%(+24V31.5A)



Frequency [MHz]	Meter Reading (QP) [dBµV]	Meter Reading (Ave.) [dBµV]	Factor [dB]	Level (QP) [dBµV]	Level (Ave.) [dBµV]	Line	Limit (QP) [dBµV]	Limit (Ave.) [dBµV]	Margin (QP)[dB]	Margin (Ave.) [dB]
0.1727	41.0	33.8	10.0	51.0	43.8	VB	64.8	54.8	13.8	11.0
0.2770	35.0	34.0	10.0	45.0	44.0	VB	60.9	50.9	15.9	6.9
0.3449	32.3	26.5	10.0	42.3	36.5	VA	59.1	49.1	16.8	12.6
0.4300	33.8	25.2	10.0	43.8	35.2	VA	57.3	47.3	13.5	12.1
0.5151	36.4	28.0	10.1	46.5	38.1	VA	56.0	46.0	9.5	7.9
0.6020	36.4	29.5	10.1	46.5	39.6	VA	56.0	46.0	9.5	6.4
0.6918	30.6	25.9	10.1	40.7	36.0	VB	56.0	46.0	15.3	10.0
0.7765	29.2	23.6	10.1	39.3	33.7	VA	56.0	46.0	16.7	12.3
0.8626	31.0	24.4	10.1	41.1	34.5	VA	56.0	46.0	14.9	11.5
0.9466	32.2	26.5	10.1	42.3	36.6	VA	56.0	46.0	13.7	9.4
1.0311	31.4	23.6	10.1	41.5	33.7	VA	56.0	46.0	14.5	12.3
14.9343	35.1	25.4	10.7	45.8	36.1	VA	60.0	50.0	14.2	13.9
15.5284	38.2	28.7	10.7	48.9	39.4	VA	60.0	50.0	11.1	10.6
20.0871	32.8	27.2	10.8	43.6	38.0	VB	60.0	50.0	16.4	12.0
21.8133	36.5	30.1	10.9	47.4	41.0	VA	60.0	50.0	12.6	9.0