

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

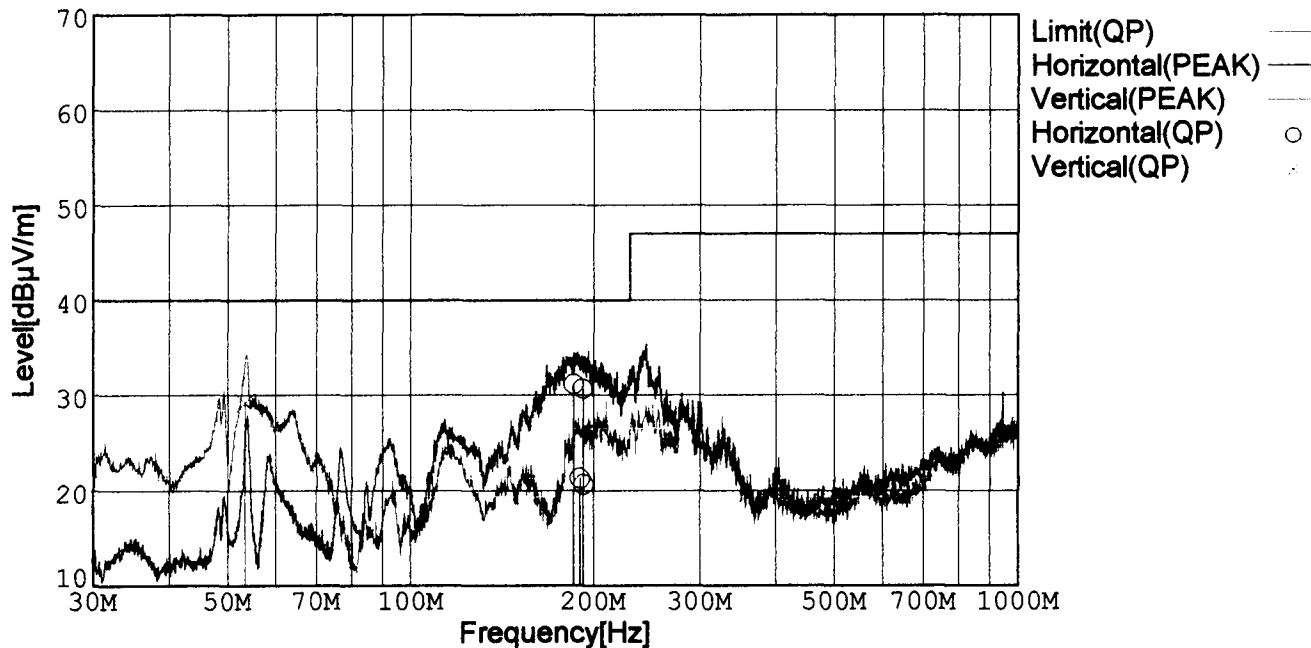
No.	Test item	Conditions	Conditions of Acceptability	Result
1	Line conduction	(1) Rated input(AC100V,120V,230V) (2) Rated load (3) Ambient temp. 25±10°C	(1)Meets the undermentioned standard. FCC Part15 classB , VCCI classB CISPR22 classB , EN55022-B	OK
2	Radiated emission	(1) Rated input(AC100V,120V,230V) (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-36
 Model No. :
 Serial No. :
 Points : 5
 Detector : PEAK/QP
 Polarization : Hori. & Vert.
 Limit: [EN 55022] Class B<3m>

Power Supply : 230V(1Phase) 50Hz
 Temp. : 25deg C
 Humi. : 45%
 Date : 2002/10/31 21:35
 Test Equip. : R3132,ESPC
 Comment : Load100%(+36V20.5A)



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]
185.900	46.4	BL	8.2	-23.4	31.2	106	160	Hori.	40.0	8.8
190.156	36.7	BL	8.1	-23.5	21.3	71	148	Hori.	40.0	18.7
192.636	46.1	BL	8.2	-23.6	30.7	132	126	Hori.	40.0	9.3
192.689	36.0	BL	8.2	-23.6	20.6	46	154	Hori.	40.0	19.4
53.411	46.6	BL	5.8	-23.2	29.2	268	110	Vert.	40.0	10.8

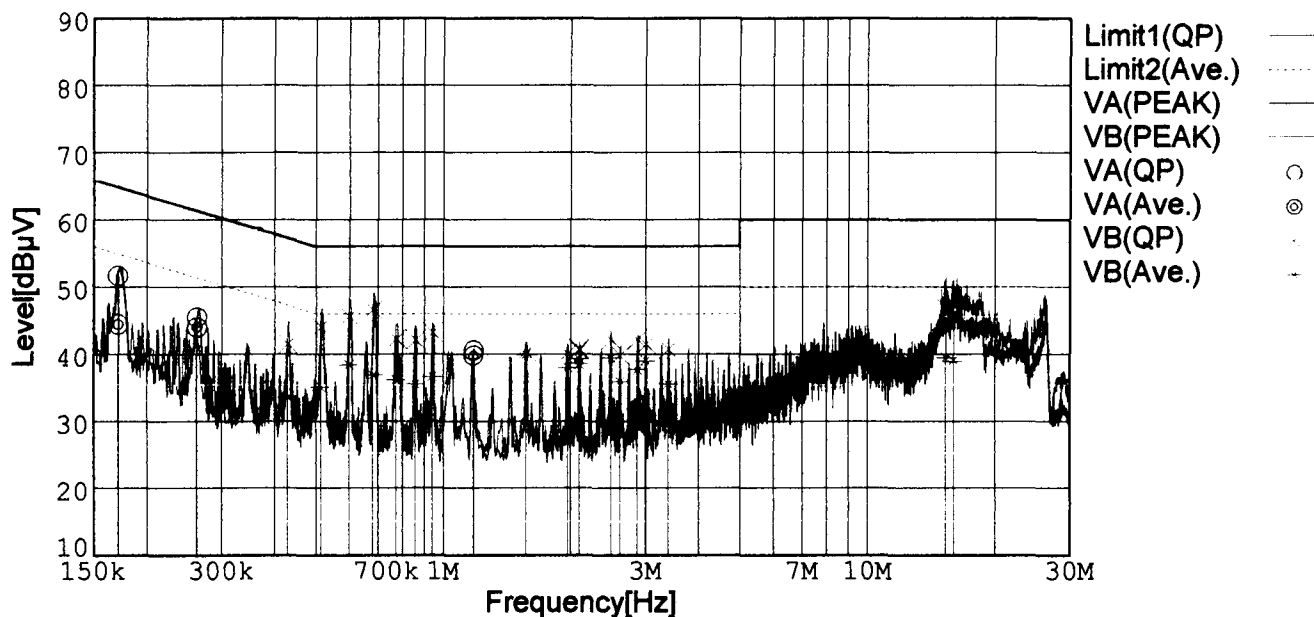
BL: Biconi-Log



LINE CONDUCTION

Model Name : ADA750F-36
 Model No. :
 Serial No. :
 Points : 21
 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 : 2002/10/31 19:45
 Test Equip. : R3132,ESPC
 Comment : Load100%(+36V20.5A)



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]
0.1716	41.7	34.4	10.0	51.7	44.4	VA	64.9	54.9	13.2	10.5
0.2631	35.5	34.0	10.0	45.5	44.0	VA	61.3	51.3	15.8	7.3
1.1802	30.4	29.6	10.1	40.5	39.7	VA	56.0	46.0	15.5	6.3
0.4294	31.4	23.5	10.1	41.5	33.6	VB	57.3	47.3	15.8	13.7
0.5145	34.0	25.0	10.1	44.1	35.1	VB	56.0	46.0	11.9	10.9
0.6003	35.5	28.3	10.1	45.6	38.4	VB	56.0	46.0	10.4	7.6
0.6826	36.4	26.8	10.1	46.5	36.9	VB	56.0	46.0	9.5	9.1
0.7749	32.1	26.0	10.1	42.2	36.1	VB	56.0	46.0	13.8	9.9
0.8592	32.0	25.4	10.1	42.1	35.5	VB	56.0	46.0	13.9	10.5
0.9436	33.1	26.6	10.1	43.2	36.7	VB	56.0	46.0	12.8	9.3
1.5731	30.2	29.8	10.1	40.3	39.9	VB	56.0	46.0	15.7	6.1
1.9680	29.9	27.8	10.2	40.1	38.0	VB	56.0	46.0	15.9	8.0
2.0986	30.4	28.3	10.2	40.6	38.5	VB	56.0	46.0	15.4	7.5
2.0976	30.6	29.1	10.2	40.8	39.3	VB	56.0	46.0	15.2	6.7
2.4923	32.0	29.2	10.2	42.2	39.4	VB	56.0	46.0	13.8	6.6
2.6218	29.6	25.7	10.2	39.8	35.9	VB	56.0	46.0	16.2	10.1
2.8791	32.0	27.4	10.2	42.2	37.6	VB	56.0	46.0	13.8	8.4
3.0141	31.2	28.8	10.2	41.4	39.0	VB	56.0	46.0	14.6	7.0
3.4029	30.5	25.3	10.2	40.7	35.5	VB	56.0	46.0	15.3	10.5
15.3366	36.2	28.8	10.7	46.9	39.5	VB	60.0	50.0	13.1	10.5
15.9958	35.4	28.3	10.7	46.1	39.0	VB	60.0	50.0	13.9	11.0