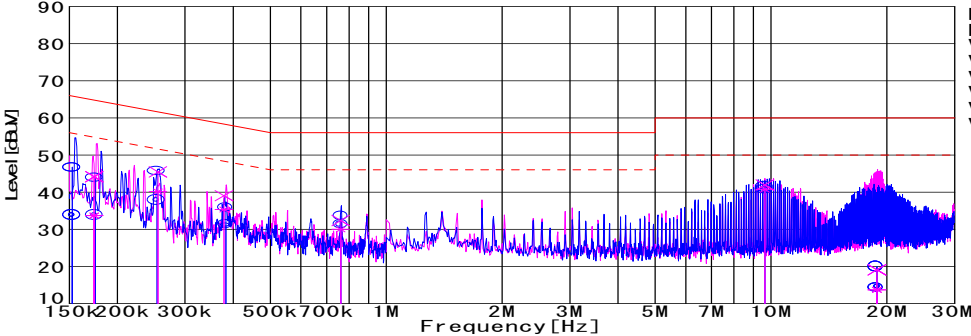
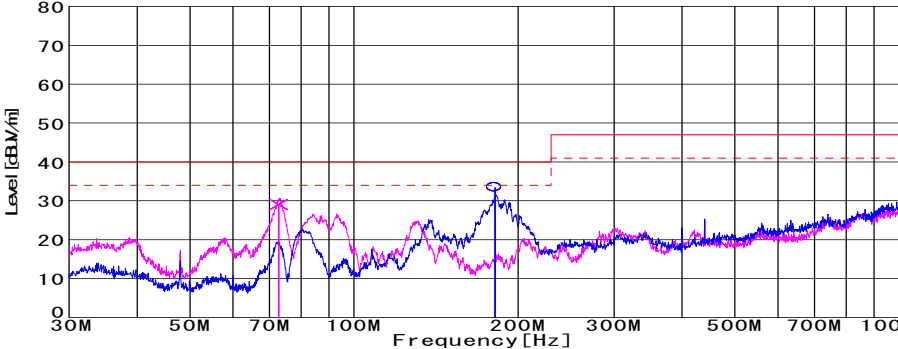


| DATA SHEET | | | | | | | Date | 21-May-09 | | |
|--|--|---------------------------|---------------------------|--------------------|------------------|------|--|------------------|-------------------|-----------------|
| Model | LFA30F-24 | | | | | | Temp. | 25 degreeC | | |
| Test | EMI Line conduction & Radiated emission | | | | | | Humid. | 45 %RH | | |
| | | | | | | | Tested by | K.Ishimura | | |
| LINE CONDUCTION | | | | | | | | | | |
| Model Name | | | : LFA30F-24 | | Temp. | | : 25 degreeC | | | |
| Model No. | | | | | Humi. | | : 45 % | | | |
| Serial No. | | | | | Date | | : 2009/5/21 16:43 | | | |
| Points | | | : 7 | | Test Equip. | | : R3132, ESPC | | | |
| Detector | | | : PEAK/QP/Ave. | | Load Line | | : 150 mm | | | |
| Line Mode | | | : VA/VB | | Comment | | | | | |
| Power Supply | | | : AC 230V 50Hz | | | | | | | |
| Limit1: | | | [EN 55022] Class B (QP) | | | | | | | |
| Limit2: | | | [EN 55022] Class B (Ave.) | | | | | | | |
|  | | | | | | | Limit1 (QP) Limit2 (Ave.) VA (PEAK) VB (PEAK) VA (QP) VA (Ave.) VB (QP) VB (Ave.) | | | |
| | | | | | | | AC 230V 50Hz 24V 1.3A | | | |
| Frequency [MHz] | Meter Reading (Ave.) [dBuV] | Meter Reading (QP) [dBuV] | Factor [dB] | Level(Ave.) [dBuV] | Level(QP) [dBuV] | Line | Limit(Ave.) [dBuV] | Limit(QP) [dBuV] | Margin(Ave.) [dB] | Margin(QP) [dB] |
| 0.254 | 28 | 36 | 9.8 | 37.8 | 45.8 | VA | 51.6 | 61.6 | 13.8 | 15.8 |
| 0.7611 | 21.5 | 23.7 | 9.9 | 31.4 | 33.6 | VA | 46 | 56 | 14.6 | 22.4 |
| 9.6412 | 30.8 | 31.3 | 10.1 | 40.9 | 41.4 | VA | 50 | 60 | 9.1 | 18.6 |
| 0.2549 | 30.4 | 35.7 | 9.8 | 40.2 | 45.5 | VB | 51.6 | 61.6 | 11.4 | 16.1 |
| 0.3787 | 25.4 | 29.1 | 9.9 | 35.3 | 39 | VB | 48.3 | 58.3 | 13 | 19.3 |
| 0.7611 | 20.1 | 22.5 | 9.9 | 30 | 32.4 | VB | 46 | 56 | 16 | 23.6 |
| 9.6396 | 30.6 | 31.9 | 10.1 | 40.7 | 42 | VB | 50 | 60 | 9.3 | 18 |

| | | | | | | | | | | |
|--|--------------------------|-----------|------------------------|---------------------|--------------------|-----------|---|--------|----------------|-------------|
| RADIATED EMISSION | | | | | | | | | | |
| Model Name | | | : LFA30F-24 | | Temp. | | : 25 degreeC | | | |
| Model No. | | | | | Humi. | | : 45 % | | | |
| Serial No. | | | | | Date | | : 2009/5/21 18:10 | | | |
| Points | | | : 2 | | Test Equip. | | : R3132, ESPC | | | |
| Detector | | | : PEAK/QP | | Load Line | | : 150 mm | | | |
| Polarization | | | : Hori. & Vert. | | Comment | | | | | |
| Power Supply | | | : AC 230V 50Hz | | | | | | | |
| Limit: | | | [EN 55022] Class B<3m> | | | | | | | |
|  | | | | | | | Limit (QP) Limit (QP) (-6dB) Horizontal (PEAK) Vertical (PEAK) Horizontal (QP) Vertical (QP) | | | |
| | | | | | | | AC 230V 50Hz 24V 1.3A | | | |
| Frequency [MHz] | MeterReading (QP) [dBuV] | Ant. Type | Antenna Factor [dB/m] | Cable & Preamp [dB] | Level(QP) [dBuV/m] | Angle [°] | Height [cm] | Polar. | Limit [dBuV/m] | Margin [dB] |
| 181.483 | 48.5 | BL | 8.2 | -23.4 | 33.3 | 170 | 158 | Hori. | 40 | 6.7 |
| 72.745 | 47.3 | BL | 5.5 | -23.7 | 29.1 | 75 | 131 | Vert. | 40 | 10.9 |

DATA SHEET

| | |
|-------|--|
| Model | Circuit used for measurement |
| Test | EMI Line conduction & Radiated emission |

1. Line conduction



2. Radiated emission

