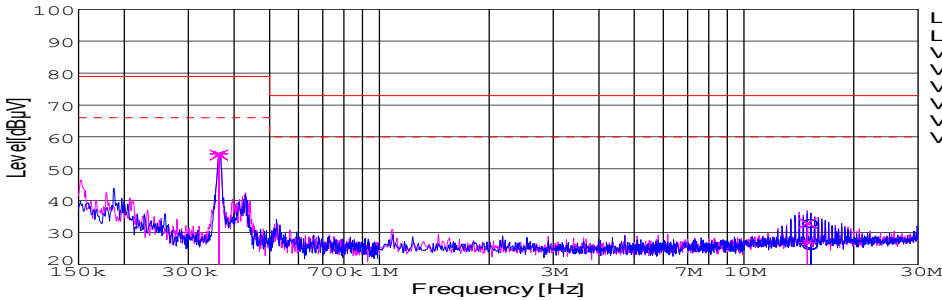
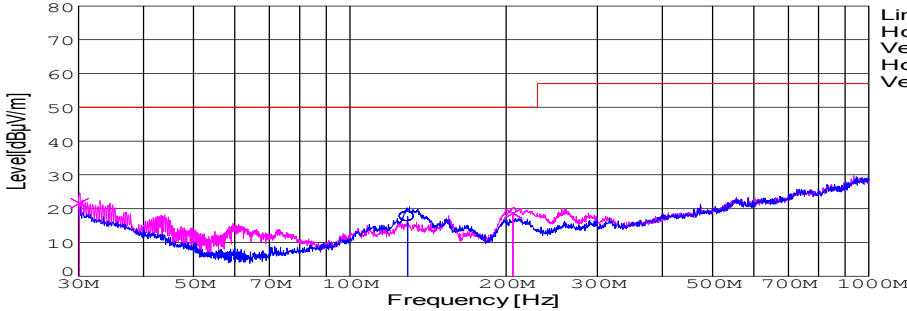


| DATA SHEET | | | | | | | Date | 21-Feb-05 | | | |
|--|--|---------------------------|-----------------------|---------------------|--------------------|-------------|--|------------------|-------------------|-----------------|--|
| Model | SUCW61215 | | | | | | Temp. | 25 degreeC | | | |
| Test | EMI Line conduction & Radiated emission | | | | | | Humid. | 45 %RH | | | |
| | | | | | | | Tested by | Y.Hirose | | | |
| LINE CONDUCTION | | | | | | | | | | | |
| Model Name | | | : SUCW61215 | | | Temp. | | | : 25 | | |
| Model No. | | | : | | | Humi. | | | : 45 | | |
| Serial No. | | | : | | | Date | | | : 2005/2/21 16:15 | | |
| Points | | | : 3 | | | Test Equip. | | | : R3132,ESPC | | |
| Detector | | | : PEAK/QP/Ave. | | | Comment | | | : Y.Hirose | | |
| Line Mode | | | : VA/VB | | | +15V0.2A | | | | | |
| Power Supply | | | : DC 12V | | | -15V0.2A | | | | | |
| Limit1: [EN 55022] | | | Class A(QP) | | | | | | | | |
| Limit2: [EN 55022] | | | Class A(Ave.) | | | | | | | | |
|  | | | | | | | Limit1(QP) Limit2(Ave.) VA(PEAK) VB(PEAK) VA(QP) VA(Ave.) VB(QP) VB(Ave.) | | | | |
| | | | | | | | DC 12V +15V0.2A -15V0.2A | | | | |
| 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] | |
| 15.2771 | 15.5 | 22.6 | 10.2 | 25.7 | 32.8 | VA | 60 | 73 | 34.3 | 40.2 | |
| 0.3636 | 44.8 | 44.5 | 9.9 | 54.7 | 54.4 | VB | 66 | 79 | 11.3 | 24.6 | |
| 14.9062 | 16.7 | 22.8 | 10.2 | 26.9 | 33 | VB | 60 | 73 | 33.1 | 40 | |
| RADIATED EMISSION | | | | | | | | | | | |
| Model Name | | | : SUCW61215 | | | Temp. | | | : 25 | | |
| Model No. | | | : | | | Humi. | | | : 45 | | |
| Serial No. | | | : | | | Date | | | : 2005/2/21 16:28 | | |
| Points | | | : 3 | | | Test Equip. | | | : R3132,ESPC | | |
| Detector | | | : PEAK/QP | | | Comment | | | : Y.Hirose | | |
| Polarization | | | : Hori. & Vert. | | | +15V0.2A | | | | | |
| Power Supply | | | : DC 12V | | | -15V0.2A | | | | | |
| Limit: [EN 55022] | | | Class A<3m> | | | | | | | | |
|  | | | | | | | Limit(QP) Horizontal(PEAK) Vertical(PEAK) Horizontal(QP) Vertical(QP) | | | | |
| | | | | | | | DC 12V +15V0.2A -15V0.2A | | | | |
| 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] | |
| 129.175 | 38.1 | BL | 11.2 | -31.6 | 17.7 | 157 | 156 | Hori. | 50 | 32.3 | |
| 30.157 | 35.8 | BL | 18.1 | -32.3 | 21.6 | 117 | 104 | Vert. | 50 | 28.4 | |
| 206.187 | 41.3 | BL | 8.6 | -31.3 | 18.6 | 8 | 109 | Vert. | 50 | 31.4 | |

COSEL

Conditions

Test : EMI
Model Name : SUCS/SUCW 612□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

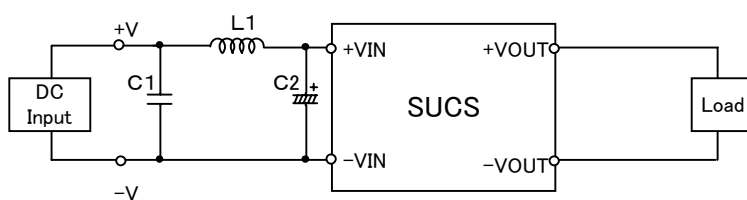


Fig.1 Testing circuitry 1

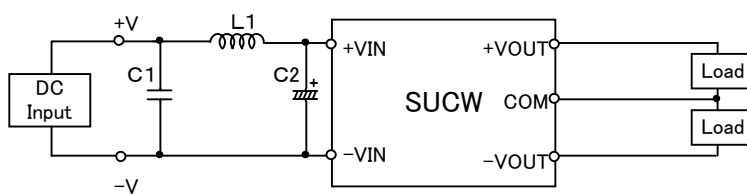


Fig.2 Testing circuitry 2

| | | | |
|------|-----------------|---------------|---------------------|
| L1 : | 1 μ H | CY3H-1R0 | (KORIN ELECTRONICS) |
| C1 : | 25V 1 μ F | C3216JB1E105M | (TDK) |
| C2 : | 25V 220 μ F | LXZ25VB220(M) | (NIPPON CHEMI-COM) |