

DATA SHEET							Date	12-Mar-05		
Model	SUCS102412						Temp.	25degreeC		
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH		
							Tested by	C.Makino		
LINE CONDUCTION										
Model Name		SUCS102412			Temp.		25degreeC			
Model No.					Humi.		45%			
Serial No.					Date		2005/3/12 15:25			
Points		4			Test Equip.		R3132,ESPC			
Detector		PEAK/QP/Ave.			Load Line		50mm			
Line Mode		VA/VB			Comment		C.Makino			
Power Supply		DC 24V								
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.)			
							Vin: DC24V Iout: 1A			
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]
0.2686	38.3	37.8	9.8	48.1	47.6	VA	66	79	17.9	31.4
1.0715	27.1	26.8	9.9	37	36.7	VA	60	73	23	36.3
1.6068	28.4	27.9	9.9	38.3	37.8	VB	60	73	21.7	35.2
2.9441	28.3	27.9	9.9	38.2	37.8	VB	60	73	21.8	35.2

RADIATED EMISSION										
Model Name		SUCS102412			Temp.		25degreeC			
Model No.					Humi.		45%			
Serial No.					Date		2005/3/9 15:51			
Points		2			Test Equip.		R3132,ESPC			
Detector		PEAK/QP			Load Line		50mm			
Polarization		Vertical			Comment		C.Makino			
Power Supply		DC 24V								
Limit: [EN 55022]		Class A<3m>								
							Limit(QP) Horizontal(PEAK) Vertical(PEAK) Vertical(QP)			
							Vin: DC24V Iout: 1A			
Frequency [MHz]	Meter Reading (QP) [dBuV]	Ant. Type	Antenna Factor [dB/m]	Cable & Preamp [dB]	Level(QP) [dBuV/m]	Angle [°]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
76.082	63.9	BL	6.5	-31.9	38.5	215	101	Vert.	50	11.5
90.032	59.5	BL	8.5	-31.8	36.2	185	116	Vert.	50	13.8

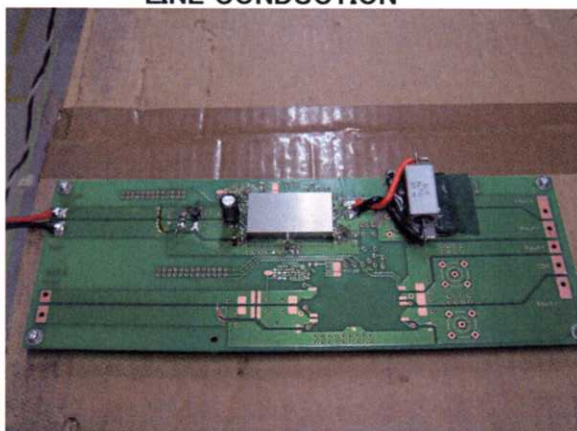
COSEL

Conditions

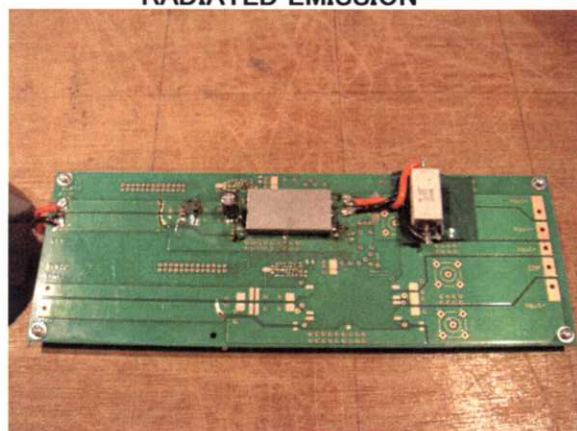
Test : EMI
Model Name : SUCS/SUCW1024

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

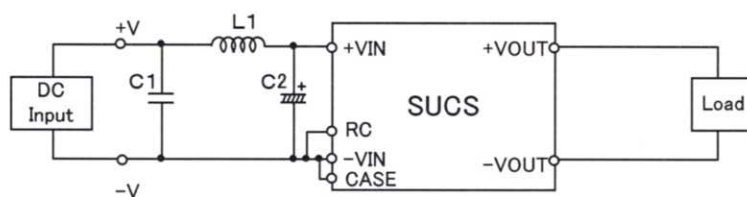


Fig.1 Testing circuitry 1

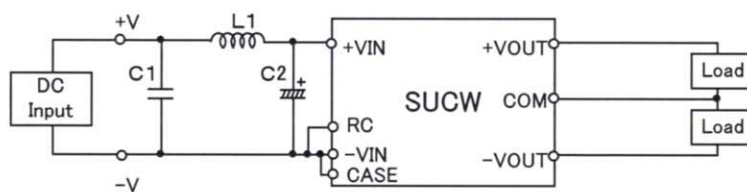


Fig.2 Testing circuitry 2

L1 : 2.2 μ H	CY3H-2R2	(KORIN ELECTRONICS)
C1: 50V 3.3 μ F	C3225JB1H335M	(TDK)
C2: 50V 100 μ F	UPM1H101M	(NICHICON)