

DATA SHEET							Date	17-May-05		
Model	SUCW1R51215						Temp.	25degreeC		
Test	EMI Line conduction & Radiated emission						Humid.	45 %RH		
							Tested by	T.Ohara		
LINE CONDUCTION										
Model Name : SUCW1R51215			Temp. : 25degreeC							
Model No. : -			Humi. : 45%							
Serial No. : -			Date : 2004/10/7 19:48							
Points : 3			Test Equip. : R3132,ESPC							
Detector : PEAK/QP/Ave.			Load Line : 10mm							
Line Mode : VA/VB			Comment : -							
Power Supply : DC 12V										
Limit1: [EN 55022] Class A(QP)										
Limit2: [EN 55022] Class A(Ave.)										
							Limit1(QP) : —		Limit2(Ave.) : - - -	
							VA(PEAK) : —		VB(PEAK) : —	
							VA(QP) : ○		VB(QP) : ×	
							VA(Ave.) : —		VB(Ave.) : —	
							Vin : DC12V		Iout : 0.05A	
Frequency [Hz]										
Level [dBuV]										
Frequency [MHz]										
Line										
Limit(Ave.) [dBuV]										
Limit(QP) [dBuV]										
Margin(Ave.) [dB]										
Margin(QP) [dB]										
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]
0.5905	39.8	39.4	9.9	49.7	49.3	VA	60	73	10.3	23.7
13.567	26	31.2	10.2	36.2	41.4	VA	60	73	23.8	31.6
2.3592	33.5	34.8	9.9	43.4	44.7	VB	60	73	16.6	28.3
RADIATED EMISSION										
Model Name : SUCW1R51215			Temp. : 25degreeC							
Model No. : -			Humi. : 45%							
Serial No. : -			Date : 2005/2/10 18:19							
Points : 2			Test Equip. : R3132,ESPC							
Detector : PEAK/QP			Load Line : 10mm							
Polarization : Hori. & Vert.			Comment : -							
Power Supply : DC 12V										
Limit: [EN 55022] Class A<3m>										
							Limit(QP) : —		Horizontal(PEAK) : —	
							Vertical(PEAK) : —		Horizontal(QP) : ○	
							Vertical(QP) : ×			
							Vin : DC12V		Iout : 0.05A	
Frequency [Hz]										
Level [dBuV/m]										
Frequency [MHz]										
Ant. Type										
Antenna Factor [dB/m]										
Cable & Preamp [dB]										
Level(QP) [dBuV/m]										
Angle [°]										
Height [cm]										
Polar.										
Limit [dBuV/m]										
Margin [dB]										
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]
179.229	45	BL	8.4	-31.4	22	355	160	Hori.	50	28
30.293	40.2	BL	18.1	-32.3	26	323	128	Vert.	50	24



Conditions

Test : EMI
Model Name : SUCS/SUCW 1R512

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

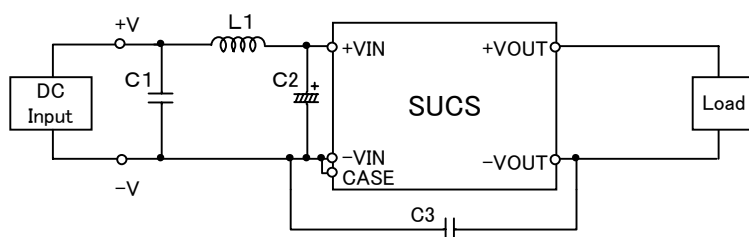


Fig.1 Testing circuitry 1

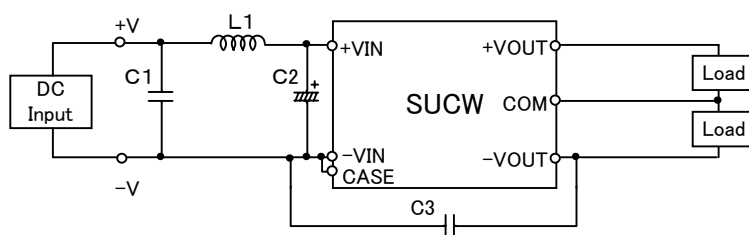


Fig.2 Testing circuitry 2

L1 :	4.7 μ H	GLF2518T4R7M	(TDK)
C1 :	25V 1 μ F	C2012JB1E105K	(TDK)
C2 :	25V 47 μ F	UPW1E470M	(NICHICON)
C3 :	1000V 100pF	GRM31AR33A101K	(MURATA)