

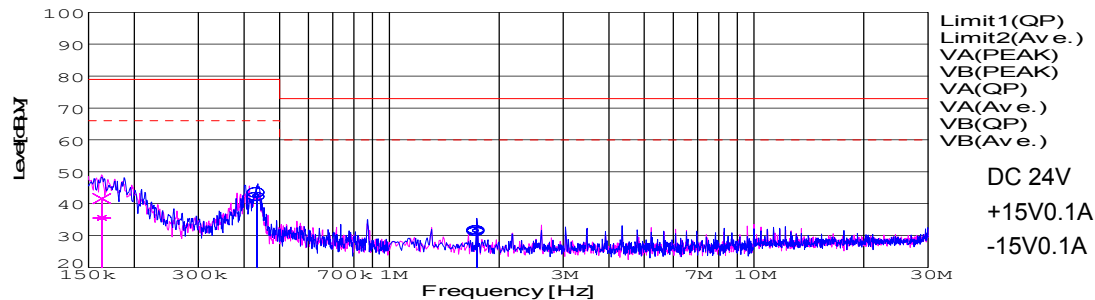
## DATA SHEET

Date		16-May-05	
Model	SUCW32415	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	T.Ohara

### LINE CONDUCTION

Model Name : SUCW32415  
 Model No. :  
 Serial No. :  
 Points : 3  
 Detector : PEAK/QP/Ave.  
 Line Mode : VA/VB  
 Power Supply : DC 24V  
 Limit1: [EN 55022] Class A(QP)  
 Limit2: [EN 55022] Class A(Ave.)

Temp. : 25  
 Humi. : 45  
 Date : 2005/5/16 16:19  
 Test Equip. : R3132,ESPC  
 Load Line : 10mm  
 Comment : T.Ohara

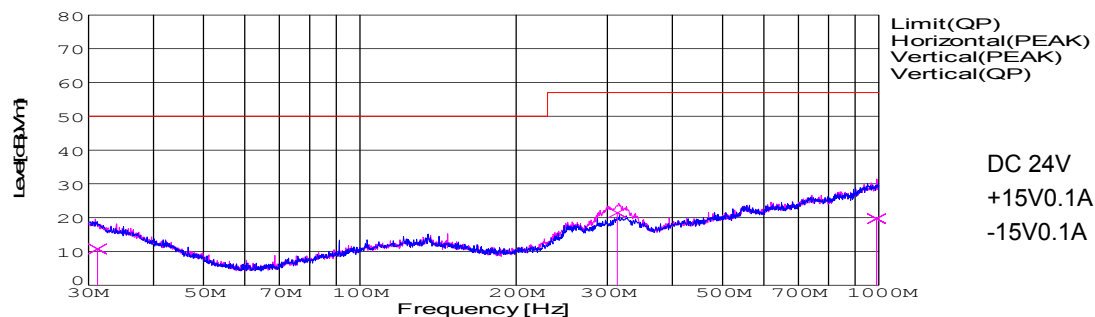


Frequency [MHz]	Meter Reading (Ave.) [dBuV]	Meter Reading (QP) [dBuV]	Factor [dB]	Level(Ave.) [dBuV]	Level(QP) [dBuV]	Line	Limit(Ave.) [dBuV]	Limit(QP) [dBuV]	Margin(Ave.) [dB]	Margin(QP) [dB]
0.4345	32.3	33.4	9.9	42.2	43.3	VA	66	79	23.8	35.7
1.7399	21.7	21.3	9.9	31.6	31.2	VA	60	73	28.4	41.8
0.163	25.8	31.8	9.8	35.6	41.6	VB	66	79	30.4	37.4

### RADIATED EMISSION

Model Name : SUCW32415  
 Model No. :  
 Serial No. :  
 Points : 3  
 Detector : PEAK/QP  
 Polarization : Vertical  
 Power Supply : DC 24V  
 Limit: [EN 55022] Class A<3m>

Temp. : 25  
 Humi. : 45  
 Date : 2005/5/16 16:32  
 Test Equip. : R3132,ESPC  
 Load Line : 10mm  
 Comment :



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]
989.291	23.6	BL	25.4	-29.3	19.7	326	139	Vert.	57	37.3
31.225	25.4	BL	17.6	-32.3	10.7	231	125	Vert.	50	39.3
313.336	38.9	BL	13.4	-30.9	21.4	203	103	Vert.	57	35.6

# COSEL

## Conditions

Test : EMI  
Model Name : SUCS/SUCW 324

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

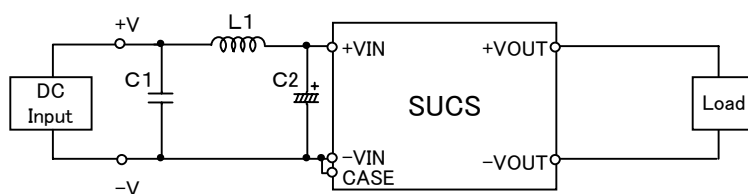


Fig.1 Testing circuitry 1

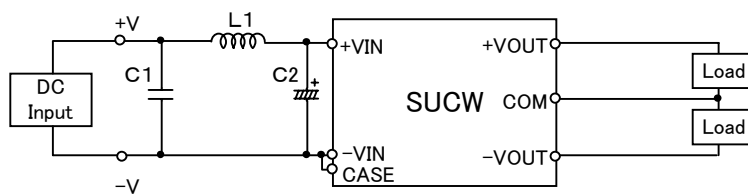


Fig.2 Testing circuitry 2

L1 :	10 $\mu$ H	CY3H-100	(KORIN ELECTRONICS)
C1 :	50V    0.47 $\mu$ F	C2012JB1H474K	(TDK)
C2 :	50V    47 $\mu$ F	UPW1H470M	(NICHICON)