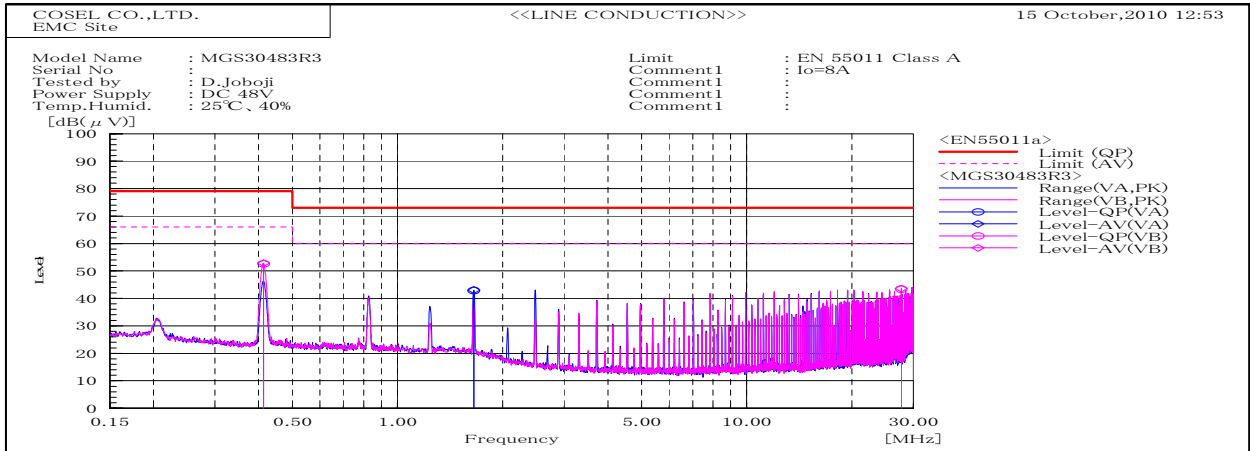
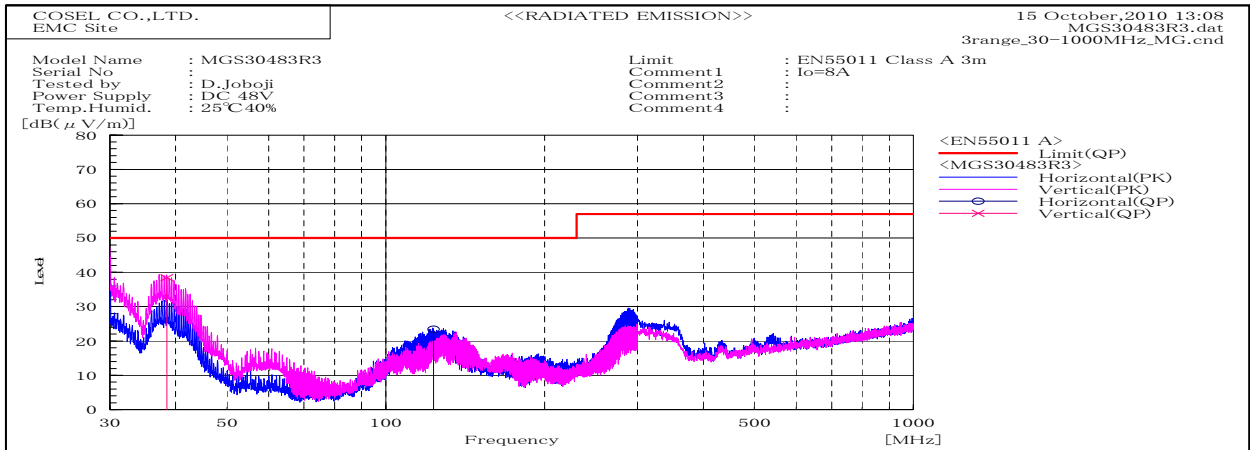


DATA SHEET		Date	19-Oct-10
Model	MGS30483R3	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	D.Joboji



Frequency MHz	Ham	Line Phase	Reading dB(μV)		Factor dB	Level dB(μV)		Limit dB(μV)		Margin dB		Pass/ Fail	Remark
			QP	AV		QP	AV	QP	AV	QP	AV		
0.4133		VB	42.6	42.9	10	52.6	52.9	79	66	26.4	13.1	Pass	
1.65381		VA	32.8	33	10.1	42.9	43.1	73	60	30.1	16.9	Pass	
27.7043		VB	32.4	32.6	11	43.4	43.6	73	60	29.6	16.4	Pass	



Frequency MHz	Polarization	Stability	Reading dB(μV)		Space Loss dB	Level dB(mW)	Limit dB(mW)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
			QP	AV		QP	QP	QP				
38.465	V	Stable	56.3	-17.8		38.5		50	11.5	105	356	
123.245	H	Stable	42.8	-19.4		23.4		50	26.6	124	83	

DATA SHEET

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

1. Line conduction



2. Radiated emission



Conditions

Test : EMI
 Model Name : MGS3048□□/MGW3048□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

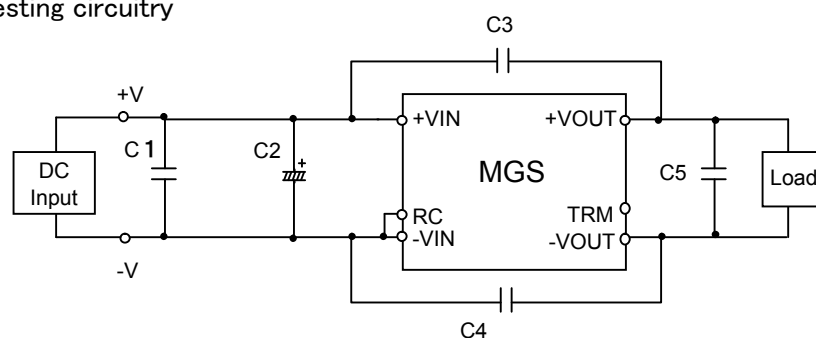


Fig.1 Testing circuitry 1

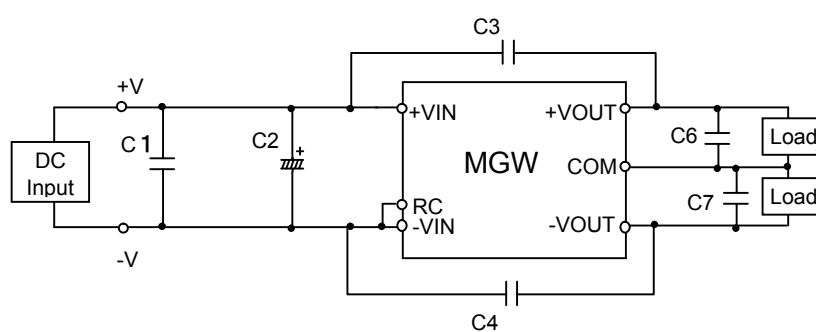


Fig.2 Testing circuitry 2

C1	:	100V	2.2 μ F	Ceramic Capacitor
C2	:	80V	47 μ F	Electrolytic Capacitor
C3,C4	:	2kV	1000pF	Ceramic Capacitor
C5,C6,C7	:	25V	22 μ F	Ceramic Capacitor