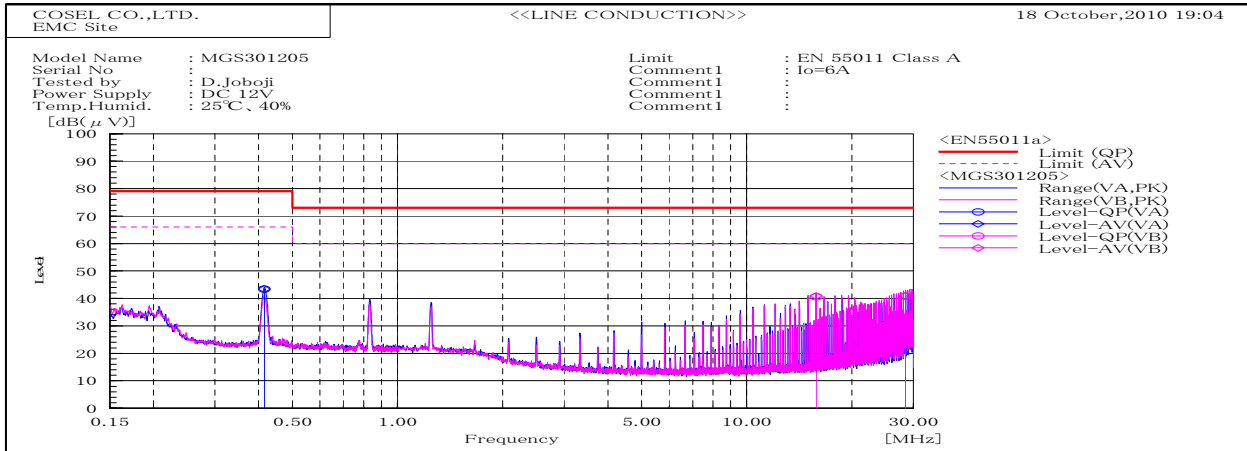
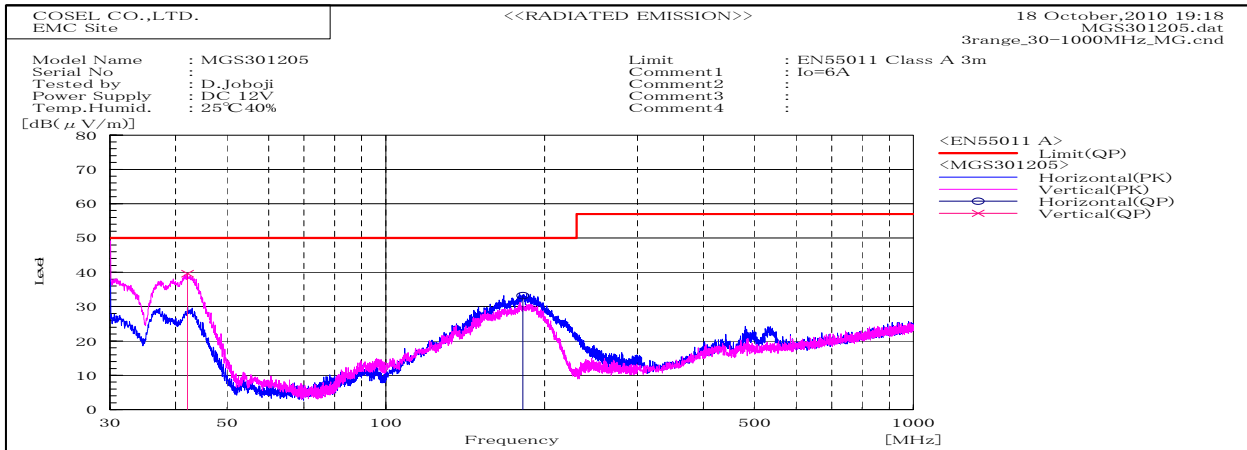


DATA SHEET		Date	19-Oct-10
Model	MGS301205	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	D.Joboji



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		
0.41528		VA	33.3	33.3	10.1	43.4	43.4	79	66	35.6	22.6	Pass	
15.7963		VB	29.7	30	10.9	40.6	40.9	73	60	32.4	19.1	Pass	
28.4749		VB	29.7	30.1	11	40.7	41.1	73	60	32.3	18.9	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	AV						
42.093	V	Stable	59.3	-19.7		39.6		50	10.4	Pass	124	93	
181.815	H	Stable	55.4	-22.2		33.2		50	16.8	Pass	151	170	

DATA SHEET

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

1. Line conduction



2. Radiated emission



Conditions

Test : EMI
 Model Name : MGS3012□□/MGW3012□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

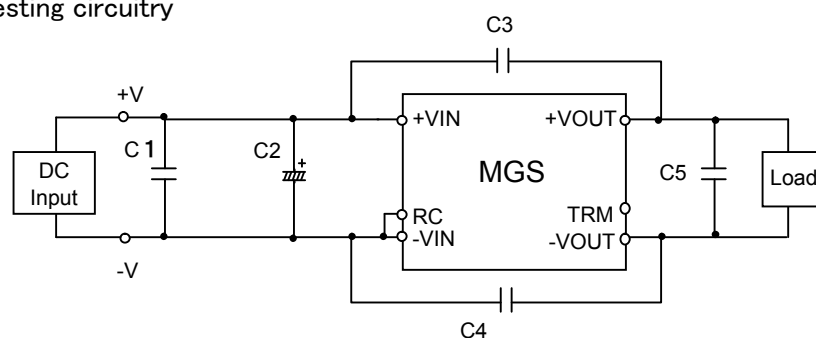


Fig.1 Testing circuitry 1

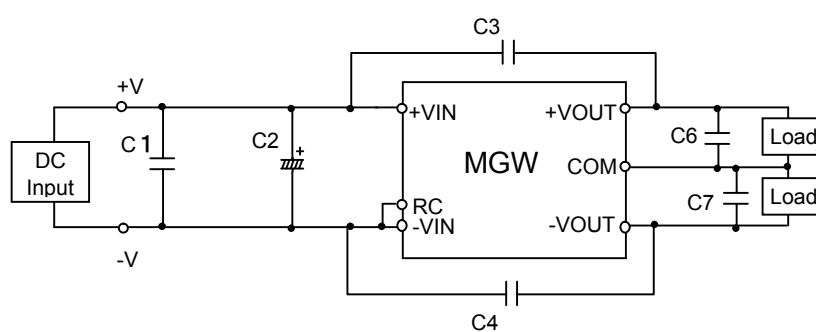


Fig.2 Testing circuitry 2

C1	: 25V	10 μ F	Ceramic Capacitor
C2	: 50V	220 μ F	Electrolytic Capacitor
C3,C4	: 2kV	1000pF	Ceramic Capacitor
C5,C6,C7	: 25V	22 μ F	Ceramic Capacitor