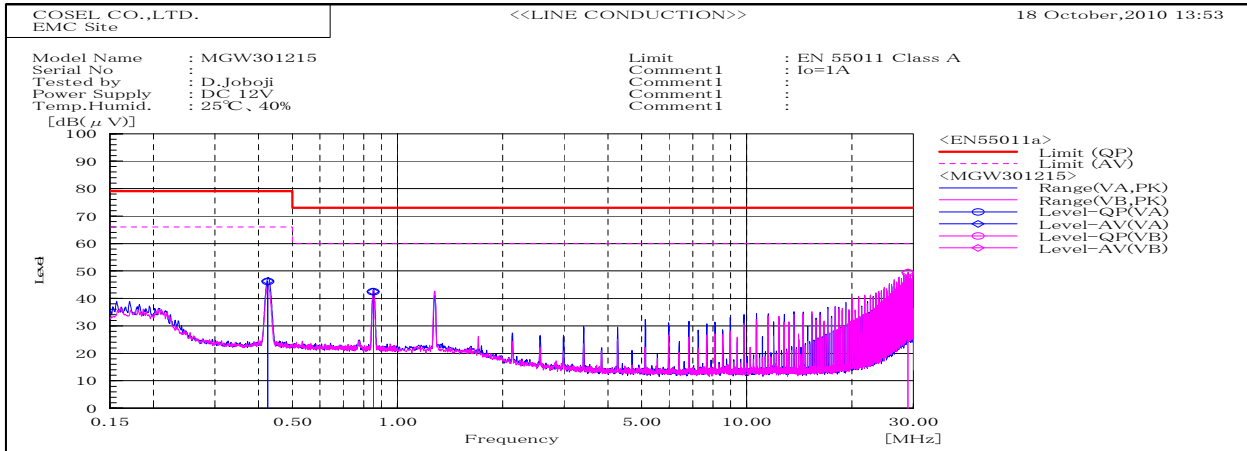
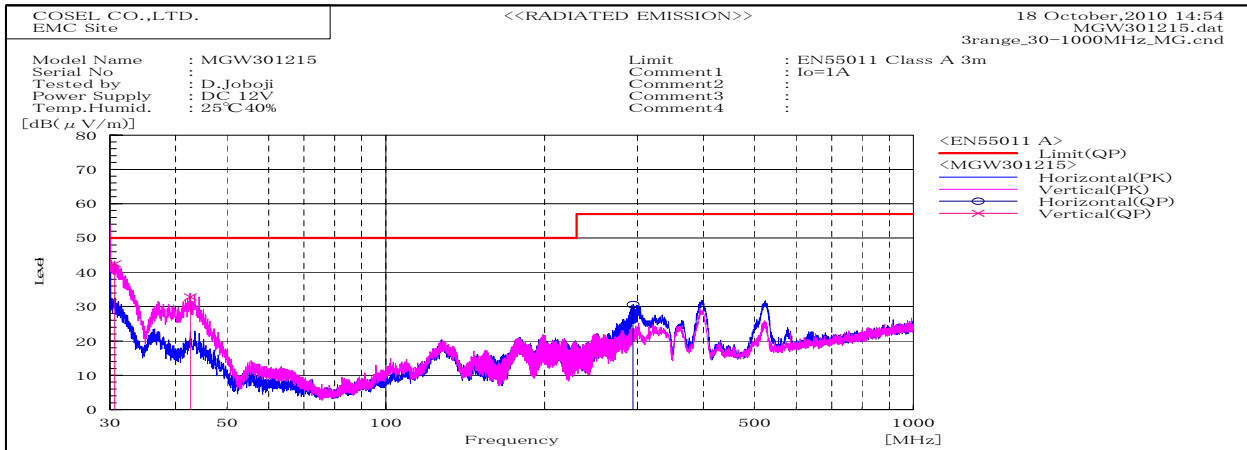


DATA SHEET			Date	19-Oct-10
Model	MGW301215		Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission		Humid.	40 %RH
			Tested by	D.Joboji



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		
0.42523		VA	36	36.2	10.1	46.1	46.3	79	66	32.9	19.7	Pass	
0.85121		VA	32.3	32.4	10.1	42.4	42.5	73	60	30.6	17.5	Pass	
28.97705		VB	38.3	38.5	11	49.3	49.5	73	60	23.7	10.5	Pass	

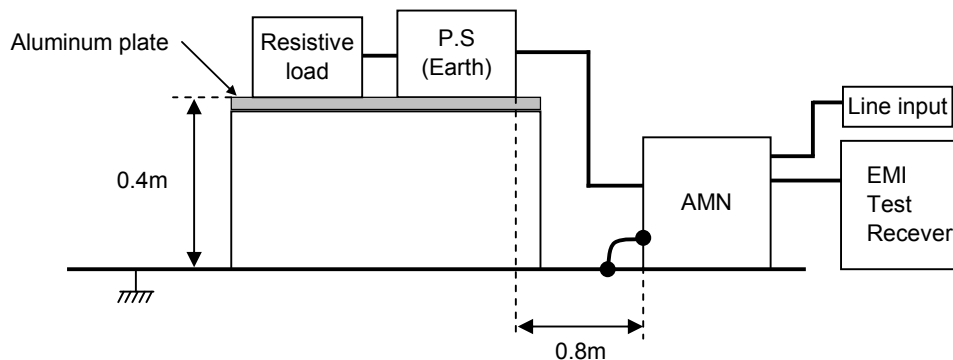


Frequency MHz	Polarization	Stability	Reading dB(μV)		Space Loss dB	Level dB(mW)	Limit dB(mW)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
			QP	AV		QP	QP	QP				
30.651	V	Stable	56.3	-13.8		42.5		50	7.5	Pass	101	274
42.586	V	Stable	52.7	-19.9		32.8		50	17.2	Pass	115	120
294.349	H	Stable	48.3	-17.7		30.6		57	26.4	Pass	126	171

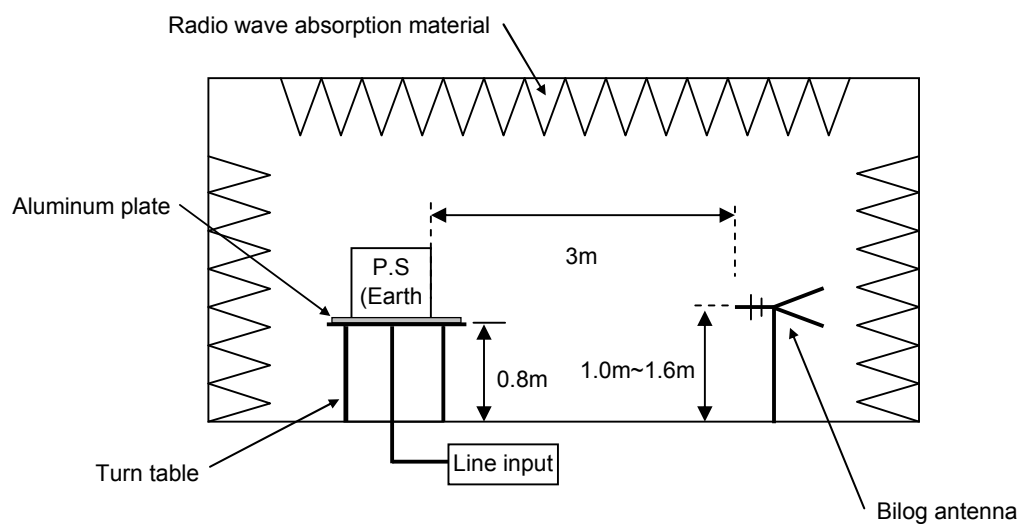
## DATA SHEET

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

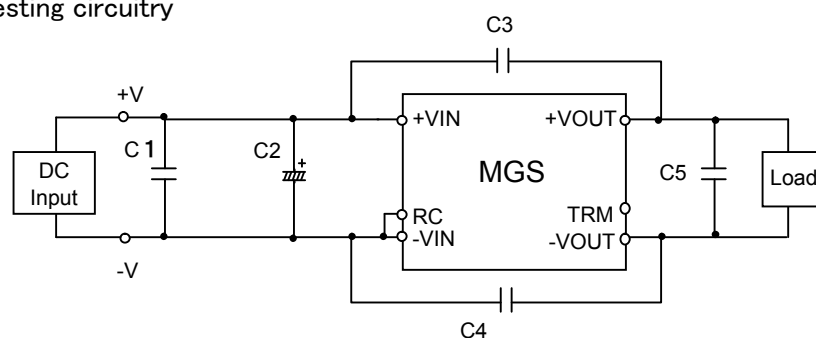


Fig.1 Testing circuitry 1

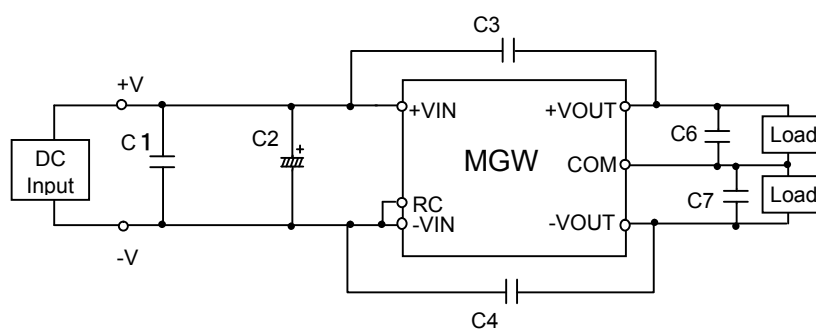


Fig.2 Testing circuitry 2

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