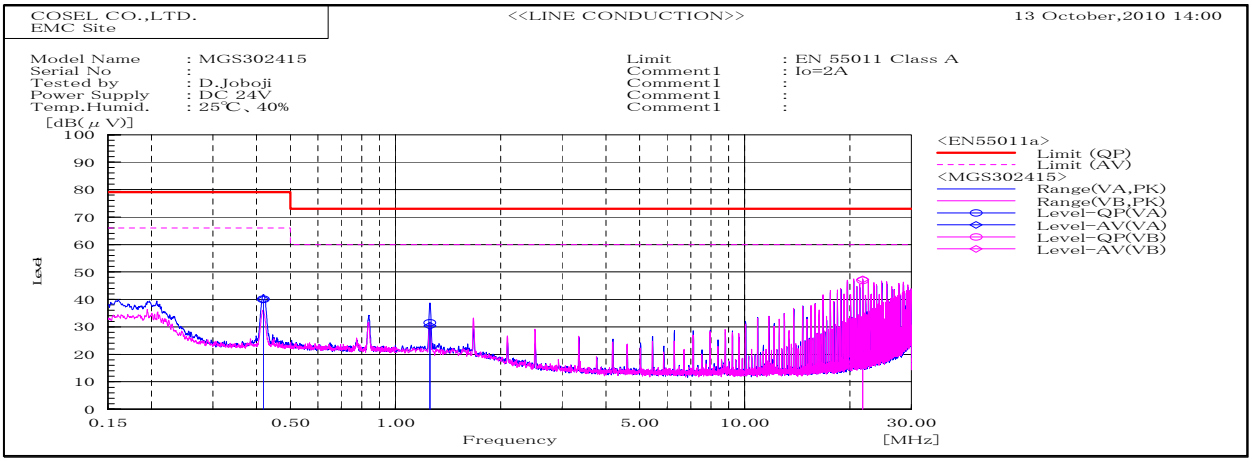
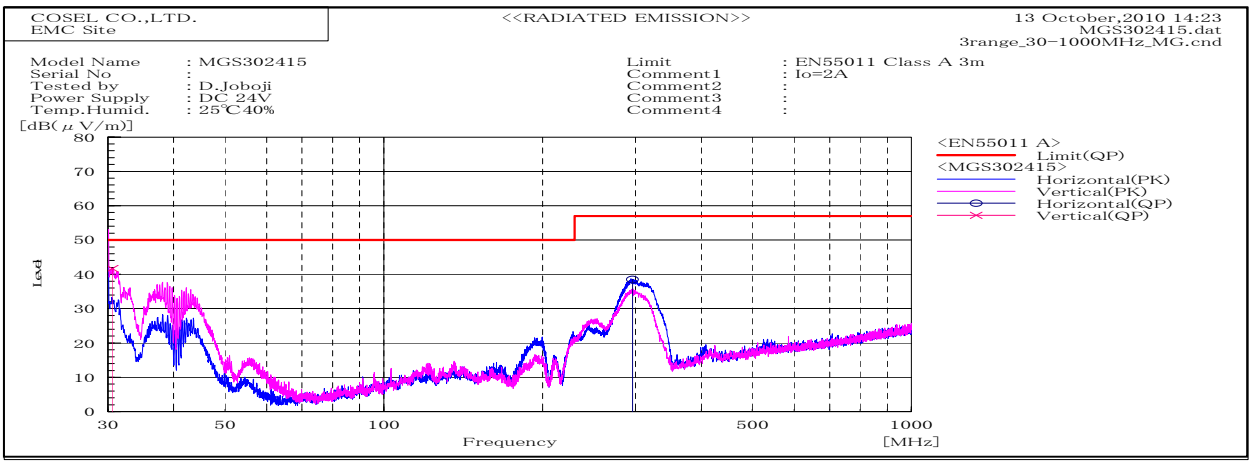
参考資料

COSEL

DATA SHEET		Date	19-Oct-10
Model	MGS302415	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	D.Joboji



Frequency MHz	Harm	Line Phase	Reading dB(uV)		Factor dB	Level dB(uV)		Limit dB(uV)		Margin dB		Pass/ Fail	Remark
			QP	AV		QP	AV	QP	AV	QP	AV		
0.4182		VA	30	29.9	10.1	40.1	40	79	66	38.9	26	Pass	
1.25403		VA	21.4	20.2	10.1	31.5	30.3	73	60	41.5	29.7	Pass	
21.74335		VB	36	36.3	11	47	47.3	73	60	26	12.7	Pass	



Frequency MHz	Polarization	Stability	Reading dB(uV)	Space Loss dB	Level dB(mW)	Limit dB(mW)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
			QP		QP	QP	QP				
30.569	V	Stable	55.4	-13.7	41.7	50	8.3	Pass	108	313	
296.101	H	Stable	56.2	-17.7	38.5	57	18.5	Pass	131	345	

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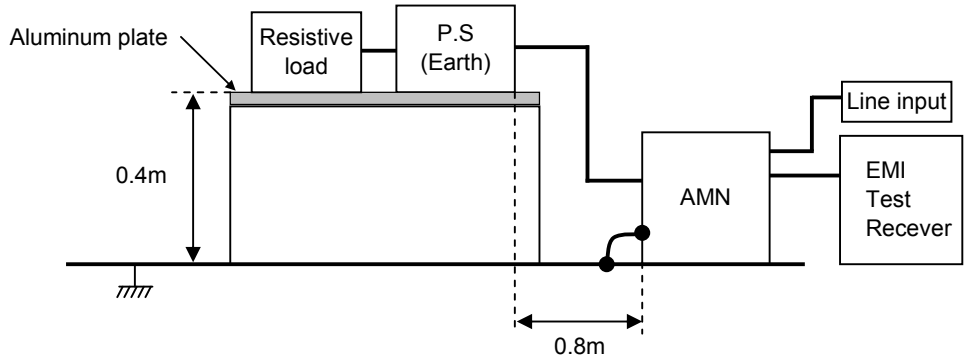
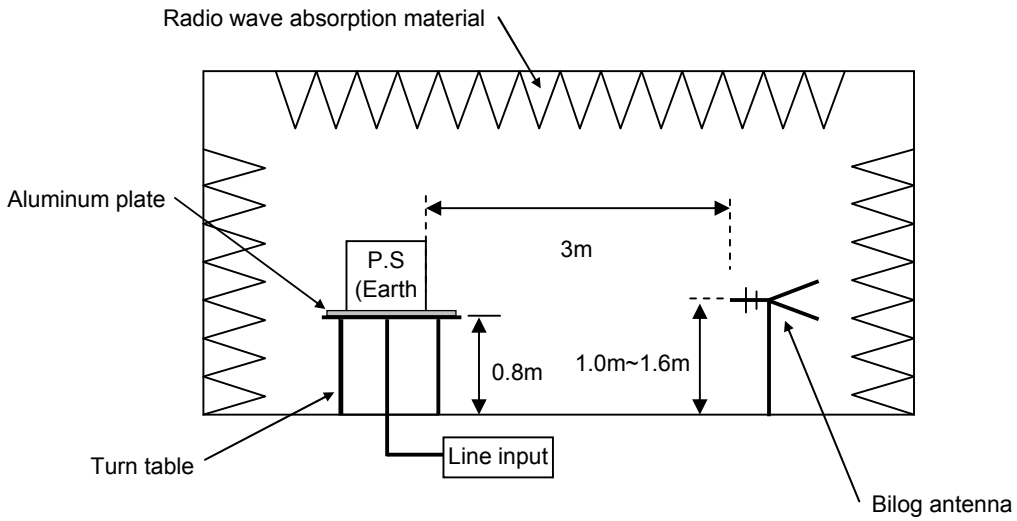
DATA SHEET	
Model	Circuit used for measurement
Test	EMI Line conduction & Radiated emission

1. Line conduction



2. Radiated emission



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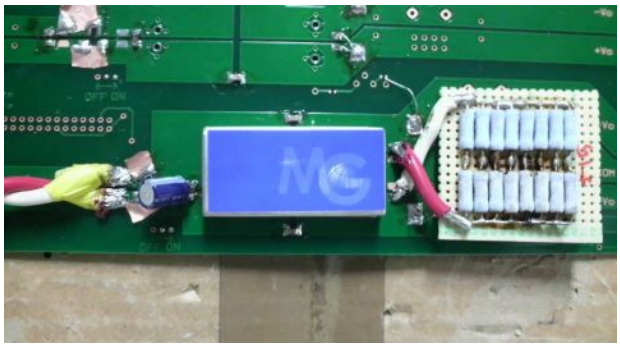
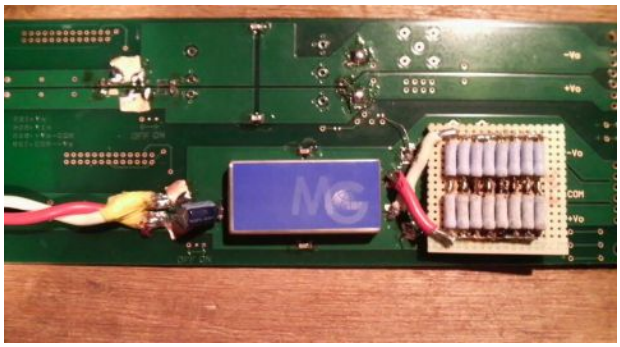
Conditions

Test : EMI
Model Name : MGS3024□□/MGW3024□□

○Photographs of Test Set-Up

LINE CONDUCTION **RADIATED EMISSION**





○Testing circuitry

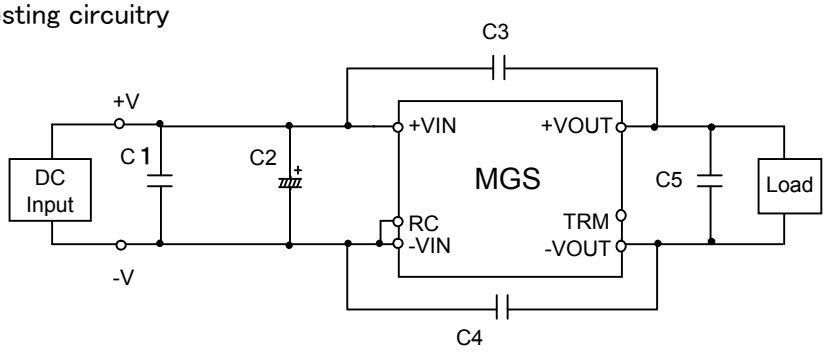


Fig.1 Testing circuitry 1

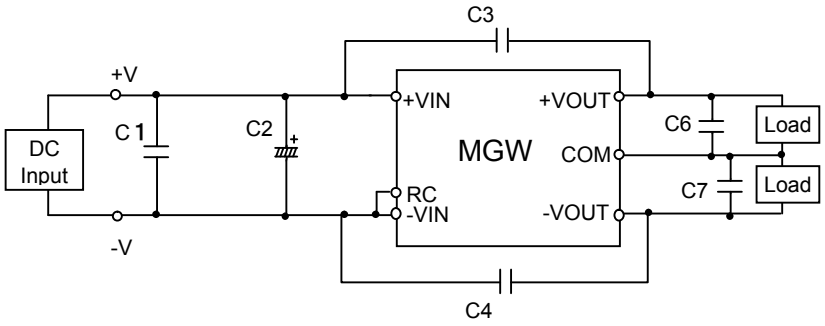


Fig.2 Testing circuitry 2

C1	:	50V	4.7μF	Ceramic Capacitor
C2	:	50V	100μF	Electrolytic Capacitor
C3,C4	:	2kV	1000pF	Ceramic Capacitor
C5,C6,C7	:	25V	22μF	Ceramic Capacitor