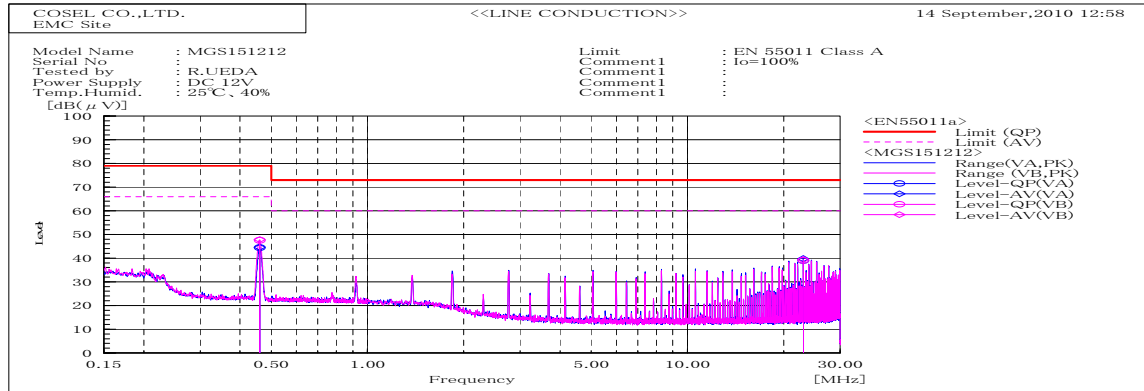
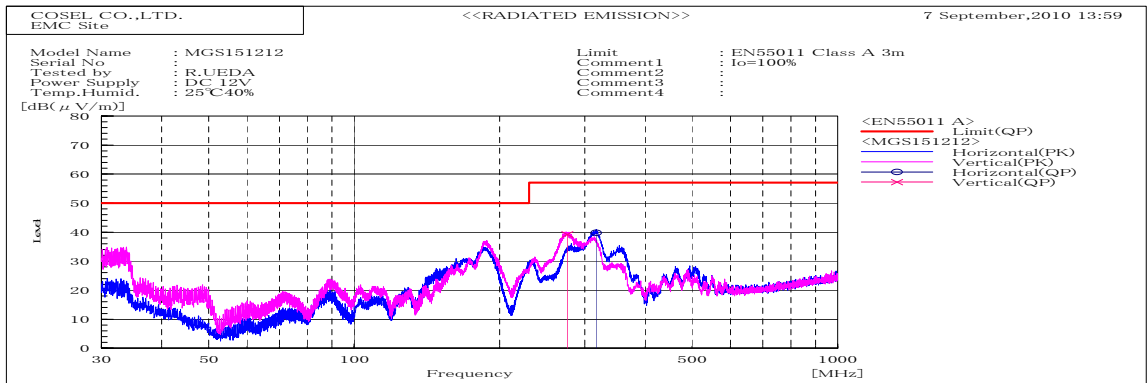


DATA SHEET		Date	21-Sep-10
Model	MGS151212	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	R.Ueda



Frequency MHz	Harm	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		
0.46039		VA	34.3	34.4	10.1	44.4	44.5	79	66	34.6	21.5	Pass	
0.46076		VB	37.6	37.8	10	47.6	47.8	79	66	31.4	18.2	Pass	
23.0123		VB	28	28.3	11.1	39.1	39.4	73	60	33.9	20.6	Pass	
23.01135		VA	28.2	29	10.8	39	39.8	73	60	34	20.2	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						
275.829	V	Stable	57.3	-18.1		39.2		57	17.8	Pass	122	78	
316.695	H	Stable	57	-17.2		39.8		57	17.2	Pass	112	174	

DATA SHEET

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

1. Line conduction



2. Radiated emission



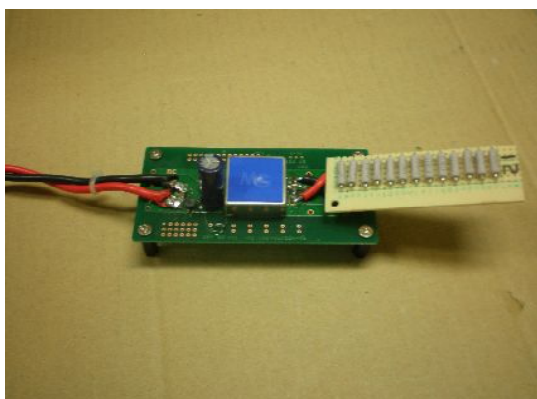


Conditions

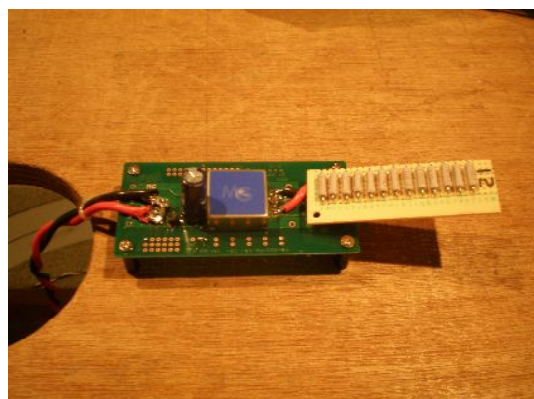
Test : EMI
Model Name : MGS1512□□/MGW1512□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

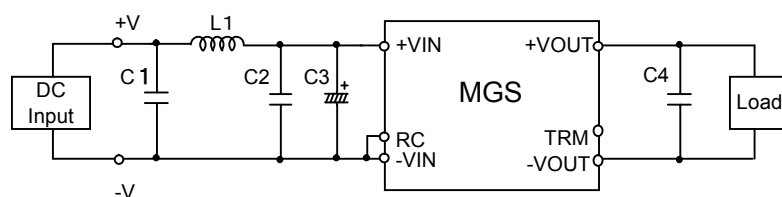


Fig.1 Testing circuitry 1

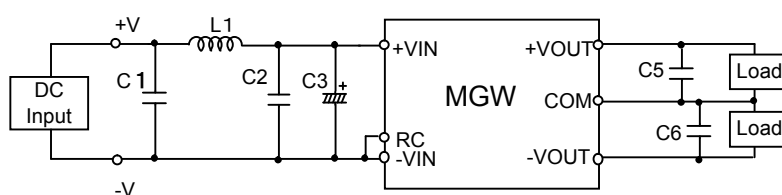


Fig.2 Testing circuitry 2

L1	: 0.5 μ H	CI4C-0R5	(KORIN ELECTRONICS)
C1,C2	: 25V 10 μ F	CM316X5R106K25A	(KYOCERA)
C3	: 50V 220 μ F	LXY50VB220M	(NIPPON CHEMI-CON)
C4,C5,C6	: 25V 22 μ F	CM32X5R226K25A	(KYOCERA)