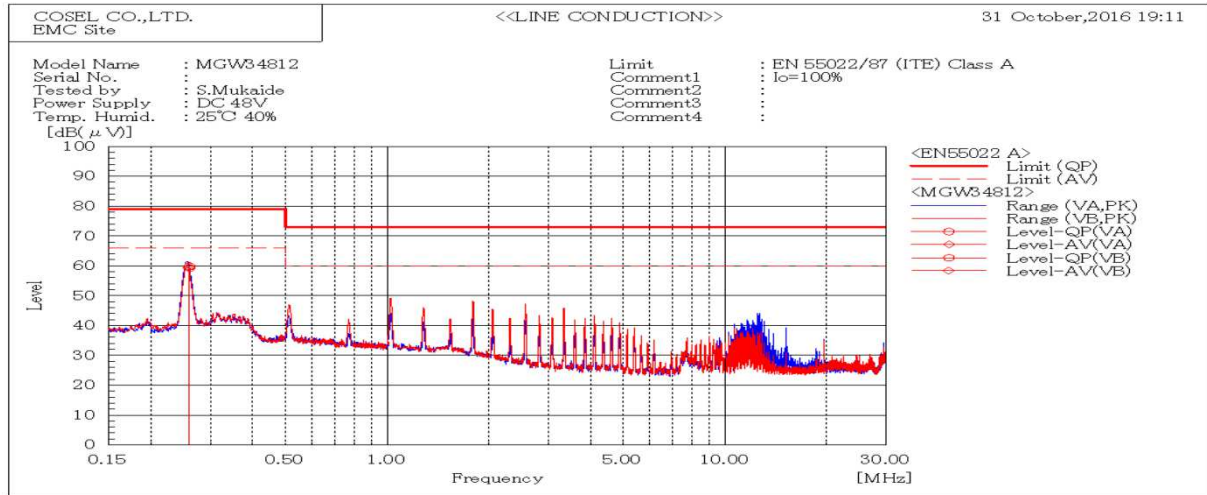
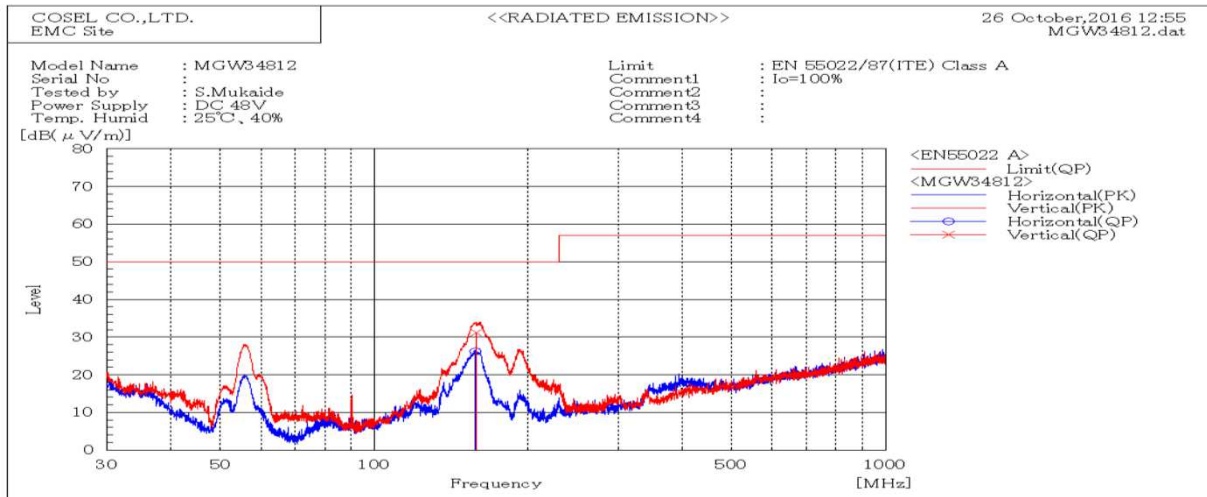


DATA SHEET		Date	31-Oct-16
Model	MGW34812	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	S.Mukaide



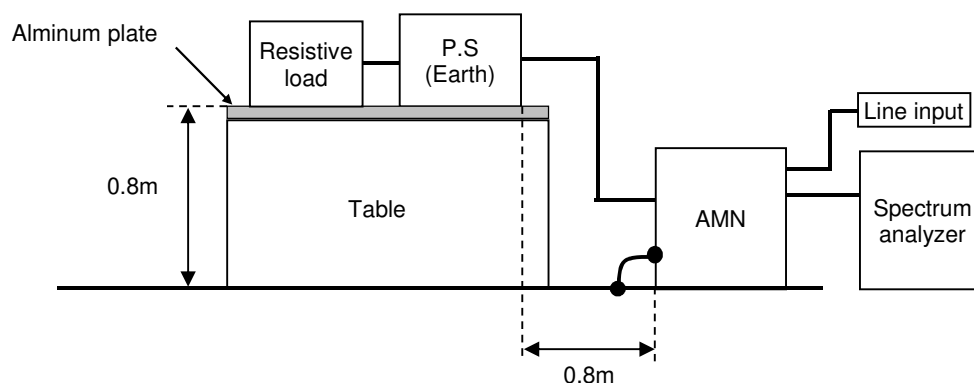
Frequency MHz	Line Phase	Level dB(μV)		Limit dB(μV)		Margin dB		Pass/Fail	Remark
		QP	AV	QP	AV	QP	AV		
0.26027	VA	59.8	60	79	66	19.2	6	Pass	
0.2597	VB	59.2	59.5	79	66	19.8	6.5	Pass	



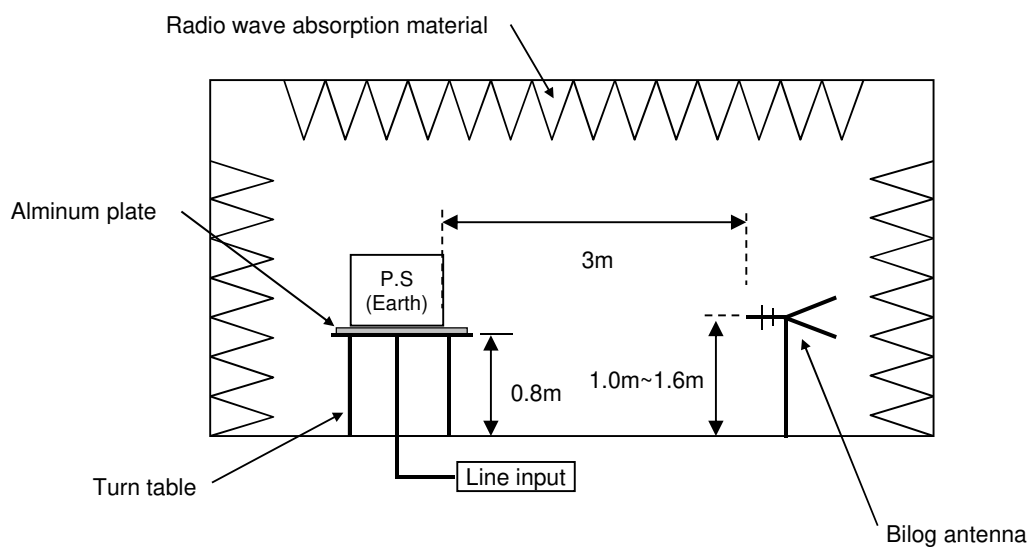
Frequency MHz	Polarization	Stability	Reading dB(μV)	Limit dB(μV/m)	Margin dB(μV/m)	Pass/Fail	Height cm	Angle deg	Remark
			QP	QP	QP				
157.653	H	Stable	26.2	50.0	23.8	Pass	150	256	
157.862	V	Stable	31.2	50.0	18.8	Pass	103	45	

DATA SHEET		Date	31-Oct-16
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	S.Mukaide

1. Line conduction



2. Radiated emission

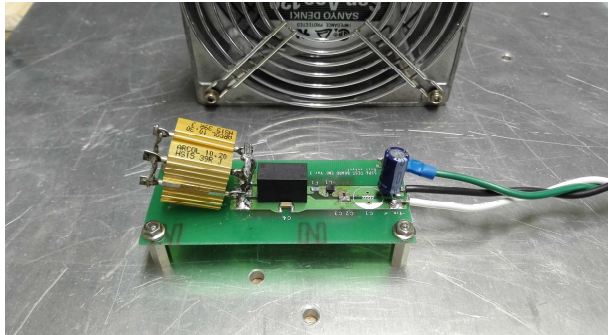


Conditions

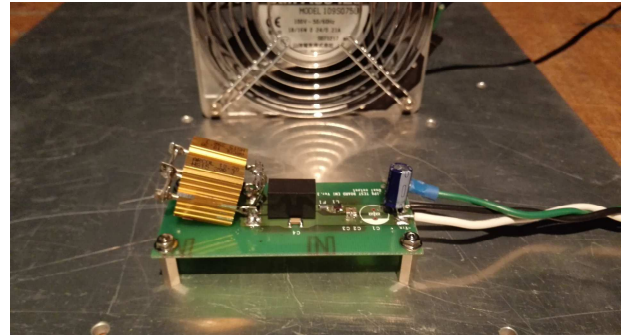
Test : EMI
Model Name : MGW3□□

○Photographs of Test Set-Up

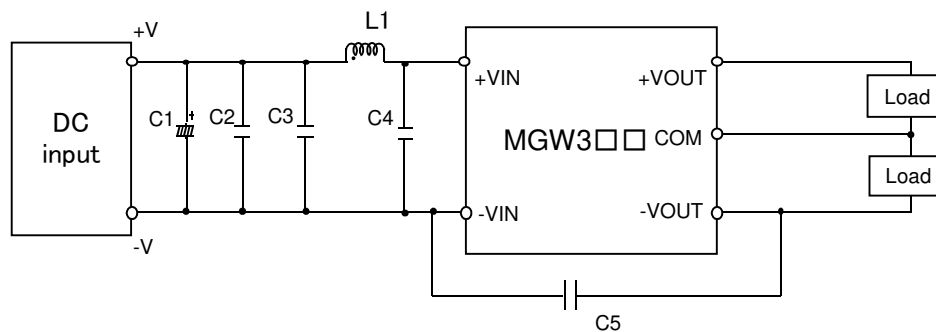
LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry



C1 : MGW305□□ 25V 100 μ F Electrolytic capacitor (LXZseries NIPPON CHEMI-CON)
MGW312□□ -
MGW324□□ -
MGW348□□ -

C2,C3,C4 : MGW305□□ 16V 22 μ F Ceramic capacitor (GRM31CR71C226K MURATA MANUFACTURING)
MGW312□□ 25V 10 μ F Ceramic capacitor (GRM31CR71E106K MURATA MANUFACTURING)
MGW324□□ 50V 4.7 μ F Ceramic capacitor (GRM31CR71H475K MURATA MANUFACTURING)
MGW348□□ 100V 2.2 μ F Ceramic capacitor (GRM31CR72A225K MURATA MANUFACTURING)

C5 : MGW305□□ 2kV 470pF Ceramic capacitor (GR442QR73D471K MURATA MANUFACTURING)
MGW312□□ 2kV 470pF Ceramic capacitor (GR442QR73D471K MURATA MANUFACTURING)
MGW324□□ 2kV 470pF Ceramic capacitor (GR442QR73D471K MURATA MANUFACTURING)
MGW348□□ 2kV 470pF Ceramic capacitor (GR442QR73D471K MURATA MANUFACTURING)

L1 : MGW305□□ 1550mA 3.3 μ H Inductor (LQH32PN3R3NNCL MURATA MANUFACTURING)
MGW312□□ 1200mA 4.7 μ H Inductor (LQH32PN4R7NNCL MURATA MANUFACTURING)
MGW324□□ 900mA 10 μ H Inductor (LQH32PN100MNCL MURATA MANUFACTURING)
MGW348□□ 550mA 22 μ H Inductor (LQH32PN220MNCL MURATA MANUFACTURING)