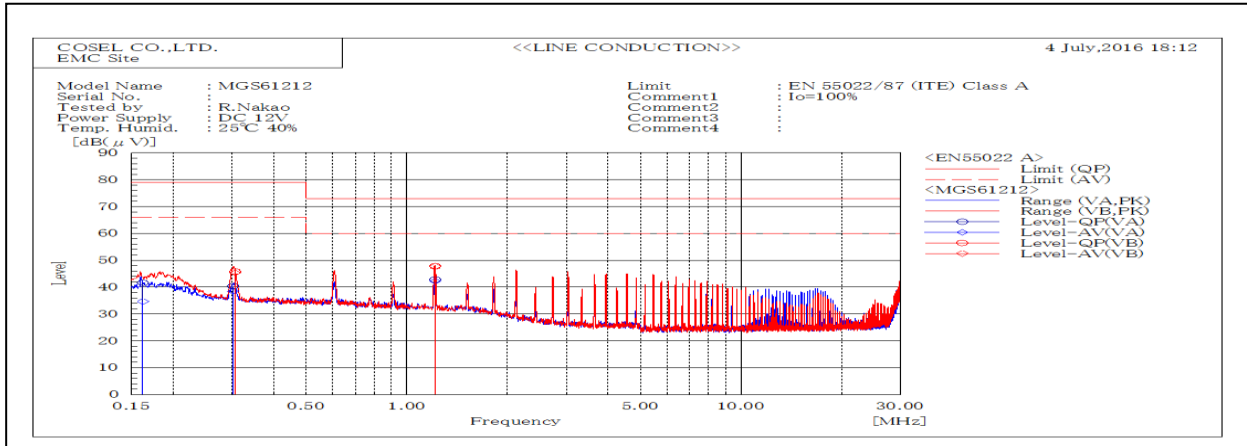
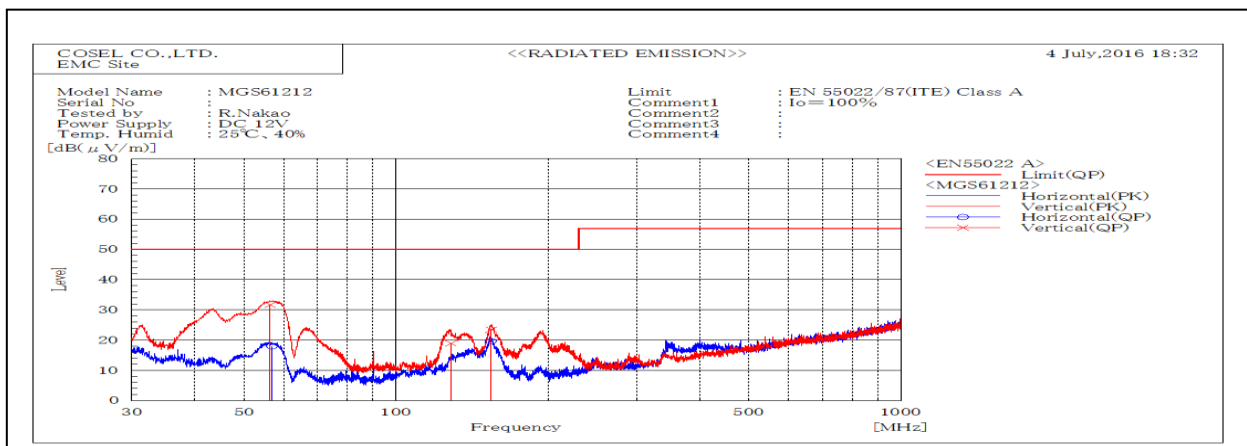


DATA SHEET		Date	14-Jul-16
Model	MGS61212	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	R.Nakao

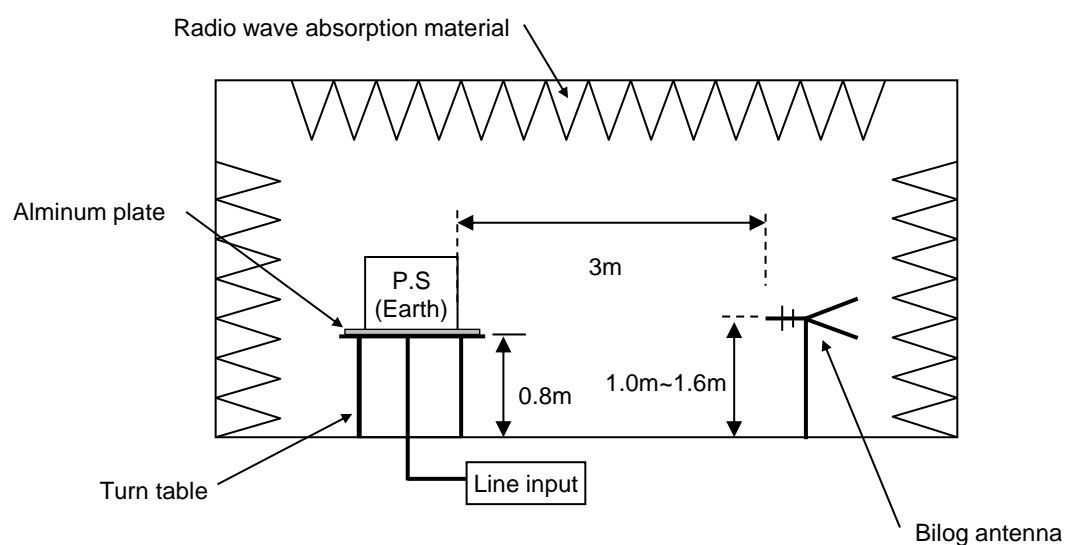


Frequency MHz	Harm	Line Phase	Reading dB(μV)		Factor dB	Level dB(μV)		Limit dB(μV)		Margin dB		Pass/ Fail	Remark
			QP	AV		QP	AV	QP	AV	QP	AV		
0.16222		VA	21.5	14.5	20.1	41.6	34.6	79	66	37.4	31.4	Pass	
0.30223		VA	20.3	18.5	20.0	40.3	38.5	79	66	38.7	27.5	Pass	
0.30622		VB	25.9	25.4	19.9	45.8	45.3	79	66	33.2	20.7	Pass	
1.21609		VA	22.7	22.2	20.0	42.7	42.2	73	60	30.3	17.8	Pass	
1.21564		VB	27.9	27.9	19.9	47.8	47.8	73	60	25.2	12.2	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						
56.314	V	Stable	31.7		50.0	18.3	Pass	113	65	
56.857	H	Stable	18.0		50.0	32.0	Pass	149	127	
128.553	V	Stable	19.0		50.0	31.0	Pass	146	269	
154.095	H	Stable	19.7		50.0	30.3	Pass	150	261	
154.432	V	Stable	23.4		50.0	26.6	Pass	121	98	

1. Line conduction

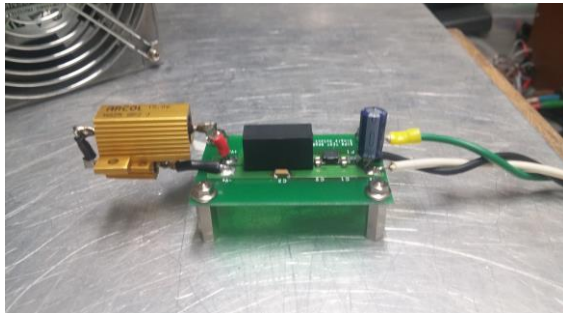


Conditions

Test : EMI
Model Name : MGS6□□

○Photographs of Test Set-Up

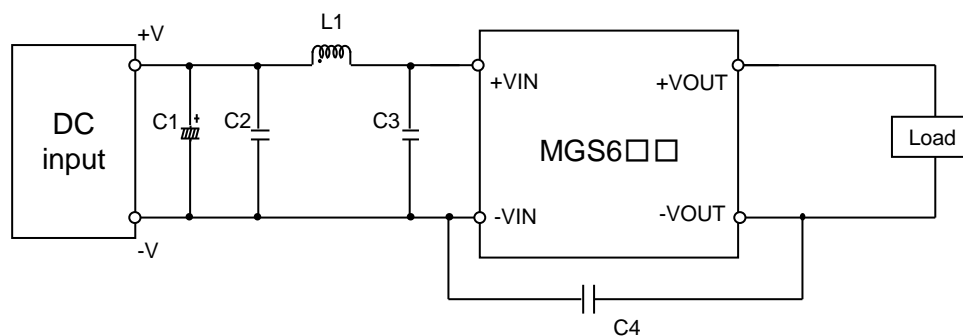
LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry



C1 :	MGS605□□	25V 220 μ F	Electric capacitor (LXZseries NIPPON CHEMI-CON)
	MGS612□□	50V 100 μ F	Electric capacitor (LXZseries NIPPON CHEMI-CON)
	MGS624□□	—	
	MGS648□□	—	
C2 :	MGS605□□	16V 22 μ F	Ceramic capacitor (GRM31CC71C226K MURATA MANUFACTURING)
	MGS612□□	25V 10 μ F	Ceramic capacitor (GRM31CR71E106K MURATA MANUFACTURING)
	MGS624□□	50V 4.7 μ F	Ceramic capacitor (GRM31CR71H475K MURATA MANUFACTURING)
	MGS648□□	100V 2.2 μ F	Ceramic capacitor (GRM31CC72A225K MURATA MANUFACTURING)
C3 :	MGS605□□	—	
	MGS612□□	25V 10 μ F	Ceramic capacitor (GRM31CR71E106K MURATA MANUFACTURING)
	MGS624□□	50V 4.7 μ F	Ceramic capacitor (GRM31CR71H475K MURATA MANUFACTURING)
	MGS648□□	100V 2.2 μ F	Ceramic capacitor (GRM31CC72A225K MURATA MANUFACTURING)
C4 :	MGS605□□	2kV 470pF	Ceramic capacitor (GR442QR73D471K MURATA MANUFACTURING)
	MGS612□□	2kV 470pF	Ceramic capacitor (GR442QR73D471K MURATA MANUFACTURING)
	MGS624□□	2kV 470pF	Ceramic capacitor (GR442QR73D471K MURATA MANUFACTURING)
	MGS648□□	2kV 1000pF	Ceramic capacitor (GR442QR73D102K MURATA MANUFACTURING)
L1 :	MGS605□□	3000mA 1.5 μ H	Inductor(LQH5BPN1R5NT0 MURATA MANUFACTURING)
	MGS612□□	2600mA 2.2 μ H	Inductor(LQH5BPN2R2NT0 MURATA MANUFACTURING)
	MGS624□□	1600mA 10 μ H	Inductor(LQH5BPN100MT0 MURATA MANUFACTURING)
	MGS648□□	1050mA 22 μ H	Inductor(LQH5BPN220MT0 MURATA MANUFACTURING)