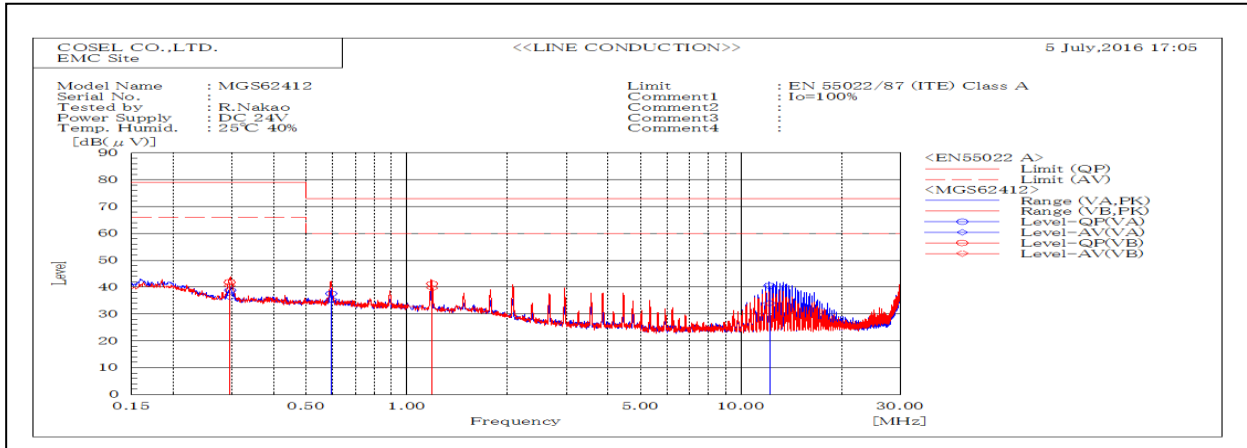
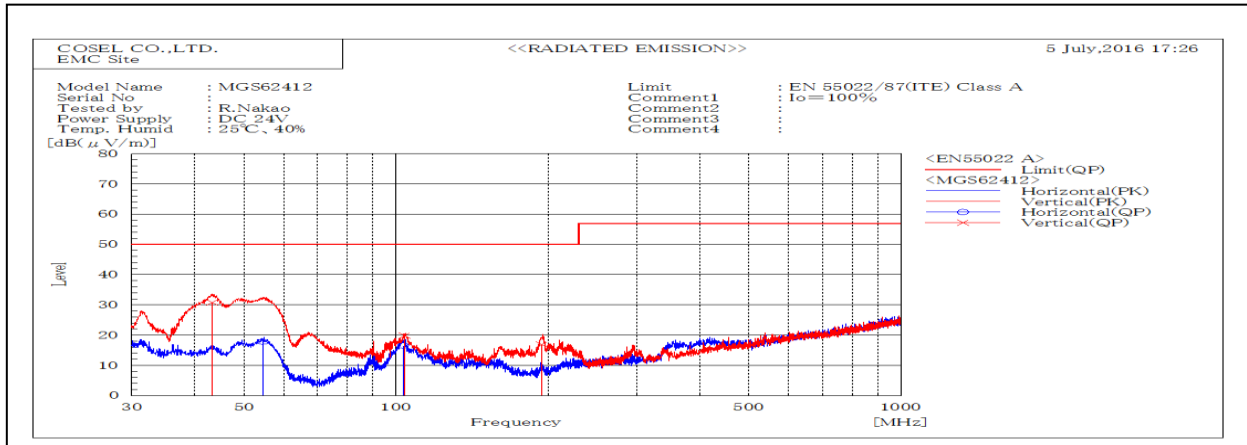


DATA SHEET		Date	14-Jul-16
Model	MGS62412	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	R.Nakao

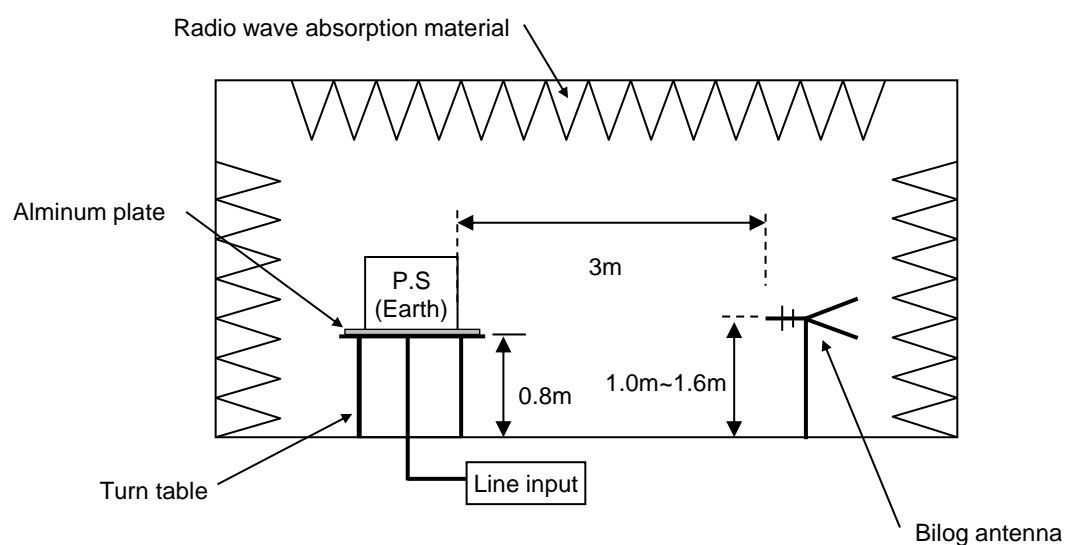


Frequency MHz	Harm	Line Phase	Reading dB(μV)		Factor dB	Level dB(μV)		Limit dB(μV)		Margin dB		Pass/ Fail	Remark
			QP	AV		QP	AV	QP	AV	QP	AV		
0.29588		VA	18.8	16.3	20.0	38.8	36.3	79	66	40.2	29.7	Pass	
0.29507		VB	21.9	20.6	20.0	41.9	40.6	79	66	37.1	25.4	Pass	
0.59451		VA	17.7	15.5	19.9	37.6	35.4	73	60	35.4	24.6	Pass	
1.19026		VB	21.3	19.7	19.9	41.2	39.6	73	60	31.8	20.4	Pass	
12.1798		VA	19.8	13.4	20.7	40.5	34.1	73	60	32.5	25.9	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				
43.341	V	Stable	30.8	50.0	19.2	Pass	117	320	
54.503	H	Stable	17.8	50.0	32.2	Pass	122	125	
103.386	H	Stable	16.5	50.0	33.5	Pass	153	257	
104.047	V	Stable	19.8	50.0	30.2	Pass	107	88	
194.322	V	Stable	16.9	50.0	33.1	Pass	105	30	

1. Line conduction

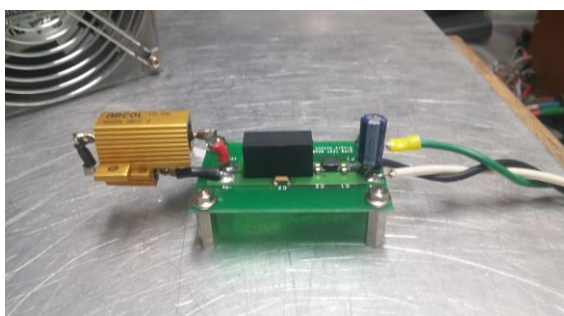


Conditions

Test : EMI
Model Name : MGS6□□

○Photographs of Test Set-Up

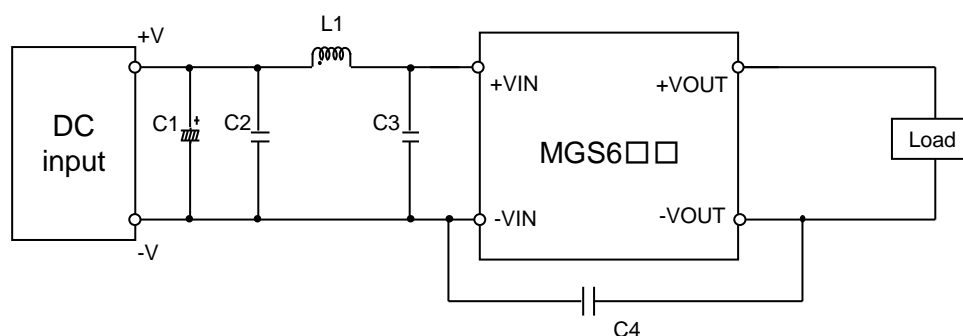
LINE CONDUCTION



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)