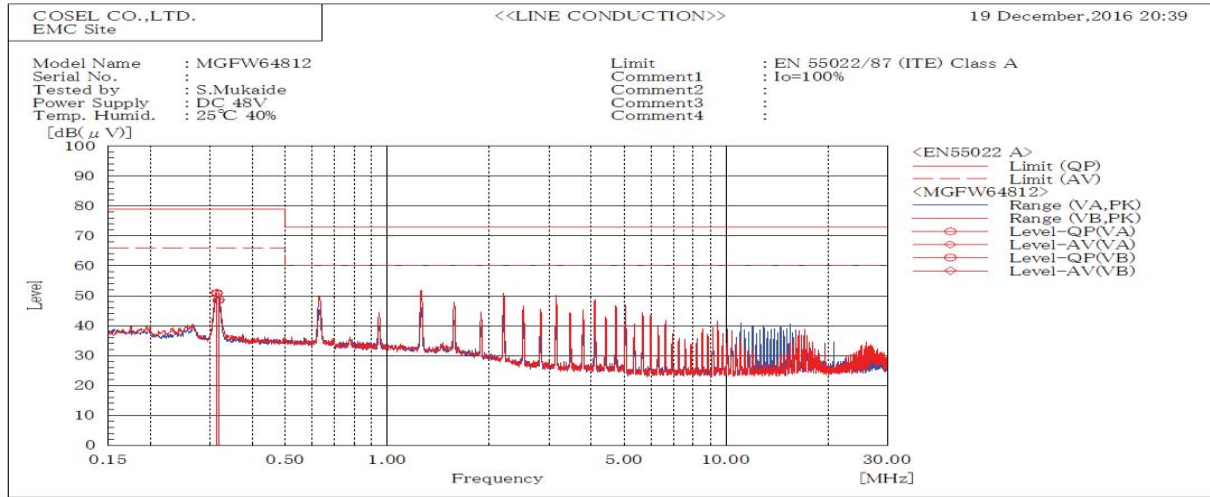
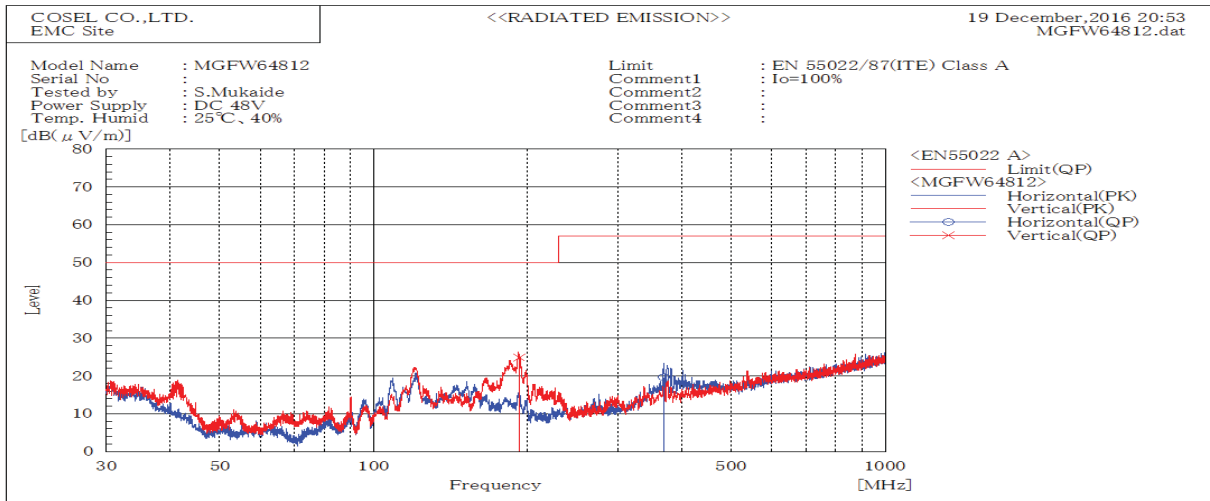


DATA SHEET		Date	06-Jan-17
Model	MGFW64812	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	S.Mukaide



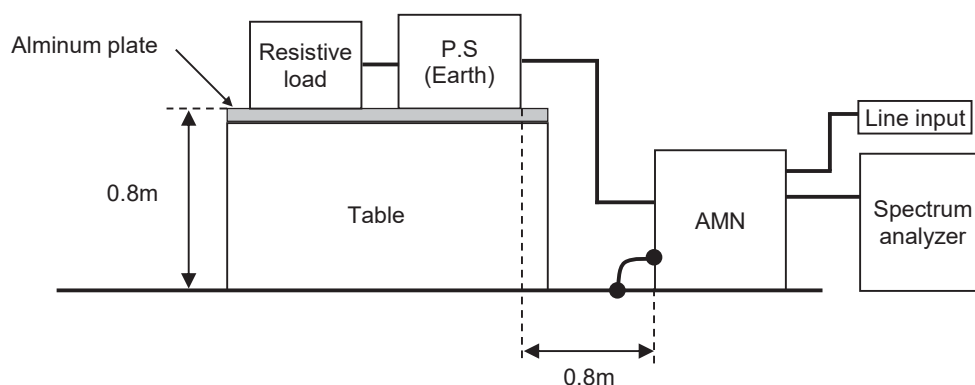
Frequency MHz	Line Phase	Level dB(μV)		Limit dB(μV)		Margin dB		Pass/Fail	Remark
		QP	AV	QP	AV	QP	AV		
0.31776	VA	48.5	48.4	79	66	30.5	17.6	Pass	
0.31403	VB	50.9	50.8	79	66	28.1	15.2	Pass	



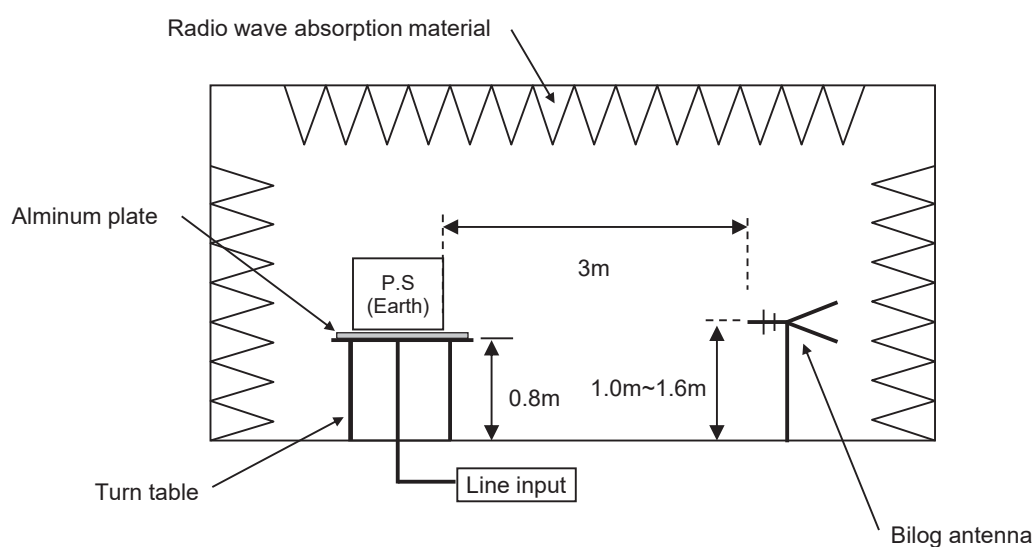
Frequency MHz	Polarization	Stability	Reading dB(μV)	Limit dB(μV/m)	Margin dB(μV/m)	Pass/Fail	Height cm	Angle deg	Remark
			QP	QP	QP				
192.384	V	Stable	24.9	50.0	25.1	Pass	102	244	
368.985	H	Stable	19.7	57.0	37.3	Pass	110	112	

DATA SHEET		Date	06-Jan-17
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

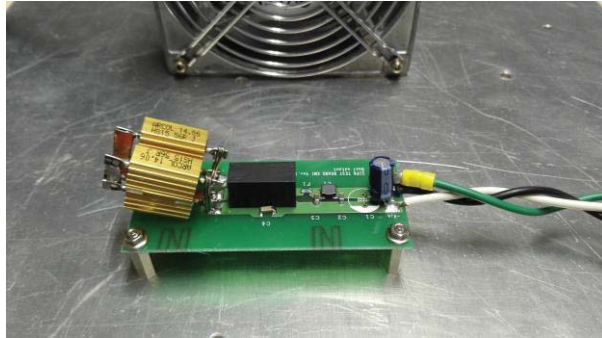


# Conditions

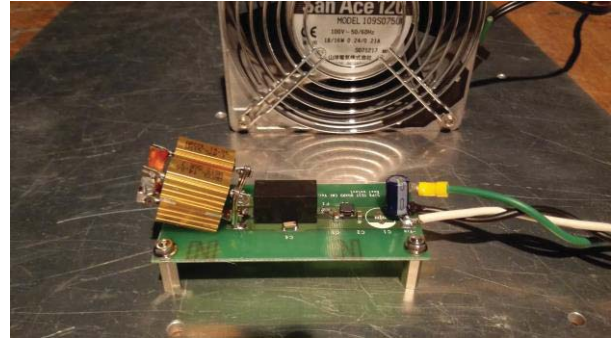
Test : EMI  
Model Name : MGFW6□□

○Photographs of Test Set-Up

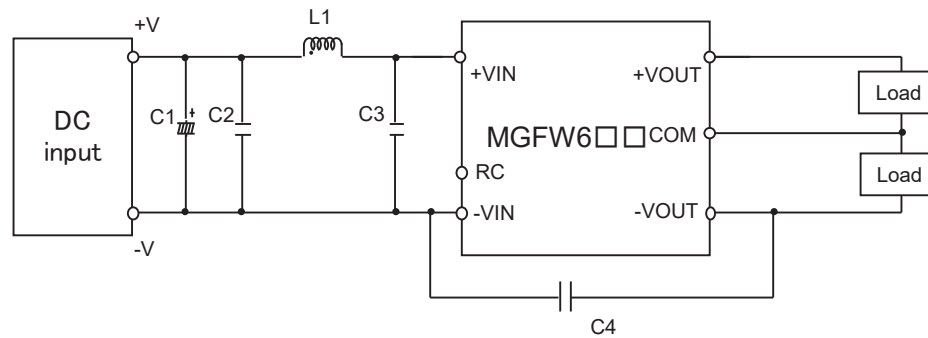
## LINE CONDUCTION



## RADIATED EMISSION



○Testing circuitry



- C1 : MGFW624□□ 50V 100  $\mu$ F Electric capacitor (LXZseries NIPPON CHEMI-CON)  
MGFW648□□ -
- C2 : MGFW624□□ 50V 4.7  $\mu$ F Ceramic capacitor (GRM31CR71H475K MURATA MANUFACTURING)  
MGFW648□□ 100V 2.2  $\mu$ F Ceramic capacitor (GRM31CC72A225K MURATA MANUFACTURING)
- C3 : MGFW624□□ 50V 4.7  $\mu$ F Ceramic capacitor (GRM31CR71H475K MURATA MANUFACTURING)  
MGFW648□□ 100V 2.2  $\mu$ F Ceramic capacitor (GRM31CC72A225K MURATA MANUFACTURING)
- C4 : MGFW624□□ 2kV 470pF Ceramic capacitor (GR442QR73D471K MURATA MANUFACTURING)  
MGFW648□□ 2kV 1000pF Ceramic capacitor (GR442QR73D102K MURATA MANUFACTURING)
- L1 : MGFW624□□ 1600mA 10  $\mu$ H Inductor(LQH5BPN100MT0 MURATA MANUFACTURING)  
MGFW648□□ 1050mA 22  $\mu$ H Inductor(LQH5BPN220MT0 MURATA MANUFACTURING)