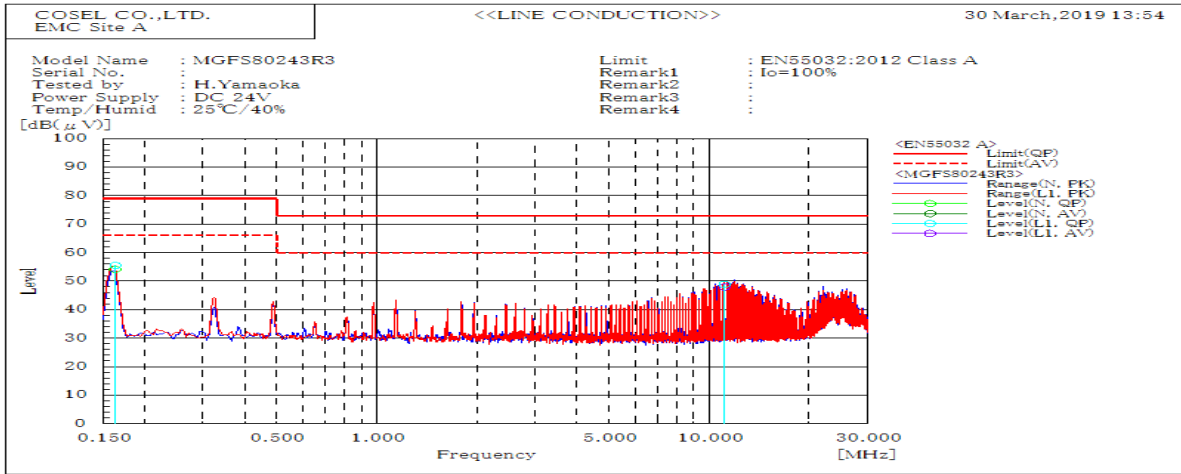
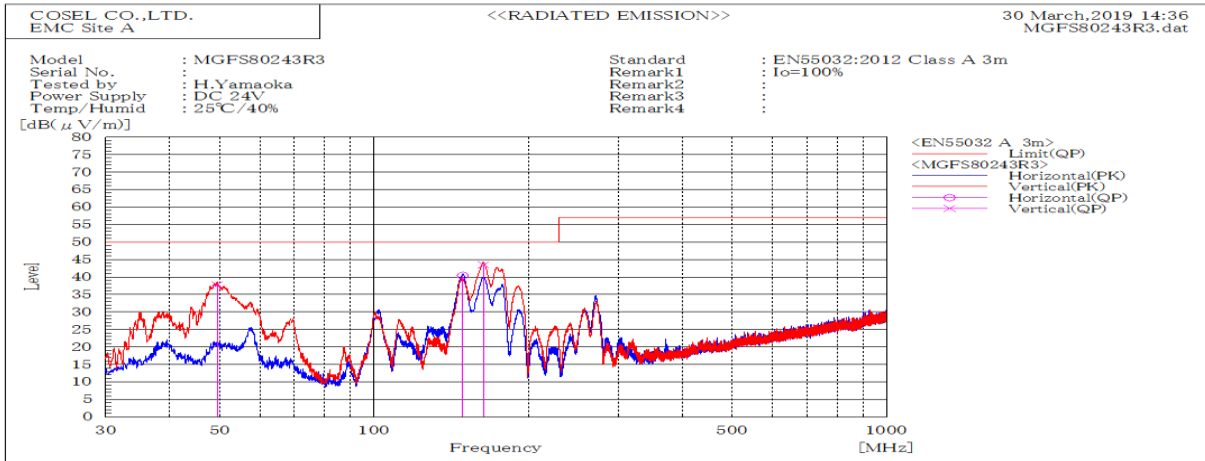


DATA SHEET		Date	23-Apr-19
Model	MGFS80243R3	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	H.Yamaoka



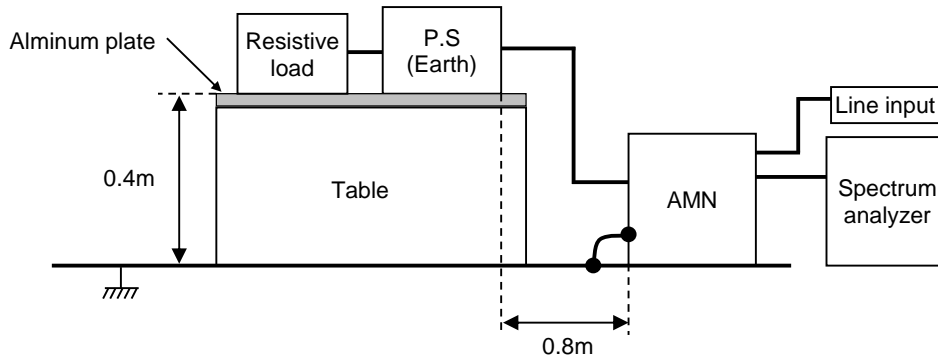
Frequency MHz	Line	Level		Limit		Margin		Pass/Fail	Remark
		dB(μV)		dB(μV)		dB			
		QP	AV	QP	AV	QP	AV		
0.163	L1	55.5	55.5	79	66	23.5	10.5	Pass	
11.096	L1	48.9	48	73	60	24.1	12	Pass	
0.163	N	54.2	54.1	79	66	24.8	11.9	Pass	



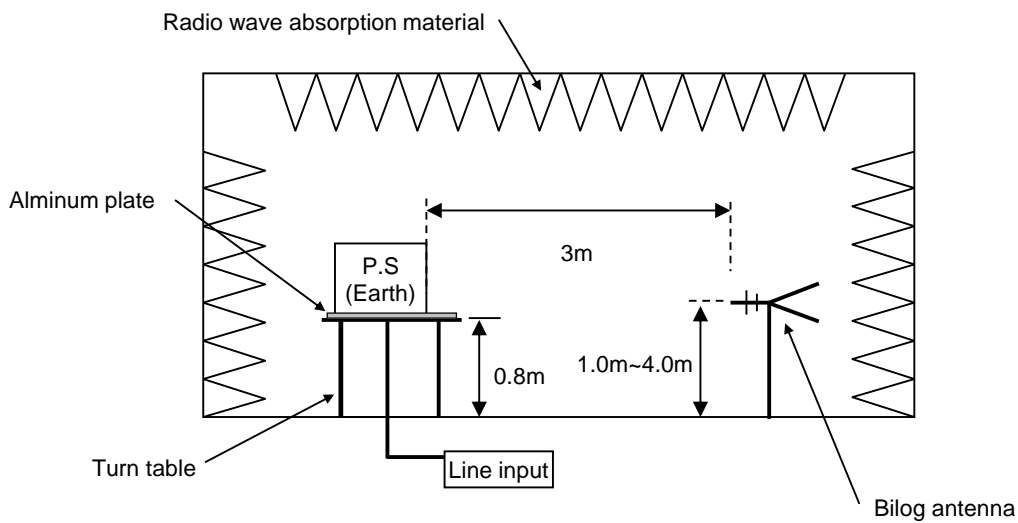
Frequency MHz	Polarization	Stability	Level		Margin dB	Pass/Fail	Height cm	Angle deg	Remark
			QP	QP					
163.617	V	Stable	43.5	50	6.5	Pass	100	314.5	
49.493	V	Stable	37.8	50	12.2	Pass	100.2	267.1	
149.134	H	Stable	40.4	50	9.6	Pass	213.1	357	

DATA SHEET		Date	23-Apr-19
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	H.Yamaoka

1. Line conduction



2. Radiated emission



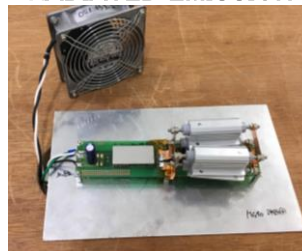
Conditions

Test : EMI
 Model Name : MGFS80□□

○Photographs of Test Set-Up
LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

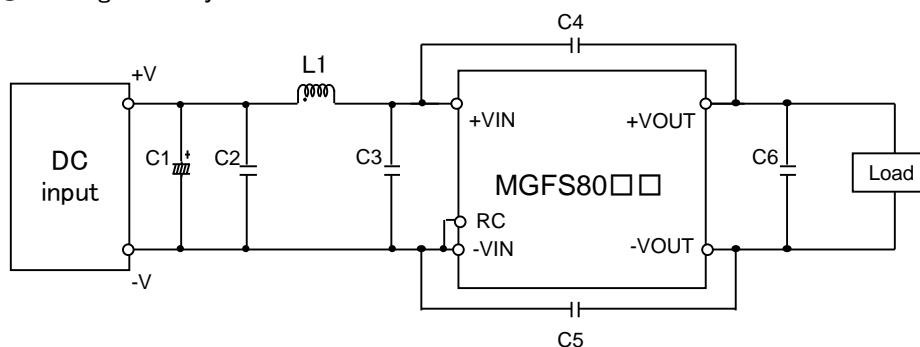


Fig.1 Testing circuitry

- C1 : MGFS8024□□ 63V 470 μ F Electrolytic capacitor (ELXseries NIPPON CHEMI-CON)
 MGFS8048□□ 100V 220 μ F Electrolytic capacitor (KYseries NIPPON CHEMI-CON)
- C2 : MGFS8024□□ 50V 10 μ F Ceramic capacitor (GRM32ER71H106K MURATA MANUFACTURING)
 MGFS8048□□ 100V 4.7 μ F Ceramic capacitor (HMK325C7475K TAIYOU YUDEN)
- C3 : MGFS8024□□ 50V 10 μ F Ceramic capacitor (GRM32ER71H106K MURATA MANUFACTURING)
 MGFS8048□□ 100V 4.7 μ F Ceramic capacitor (HMK325C7475K TAIYOU YUDEN)
- C4,C5 : MGFS8024□□ 2kV 2200pF Ceramic capacitor (GR443QR73D222KW01 MURATA MANUFACTURING)
 MGFS8048□□ 2kV 3300pF Ceramic capacitor (GR443QR73D332KW01 MURATA MANUFACTURING)
- C6 : MGFS8024□□ 25V 22 μ F Ceramic capacitor (GRM32ER71E226K MURATA MANUFACTURING)
 MGFS8048□□ 25V 22 μ F Ceramic capacitor (GRM32ER71E226K MURATA MANUFACTURING)
- L1 : MGFS8024□□ 12.0A 1.8 μ H Inductor (SRP7050TA-1R8M BOURNS)
 MGFS8048□□ 8.0A 3.3 μ H Inductor (SRP7050TA-3R3M BOURNS)