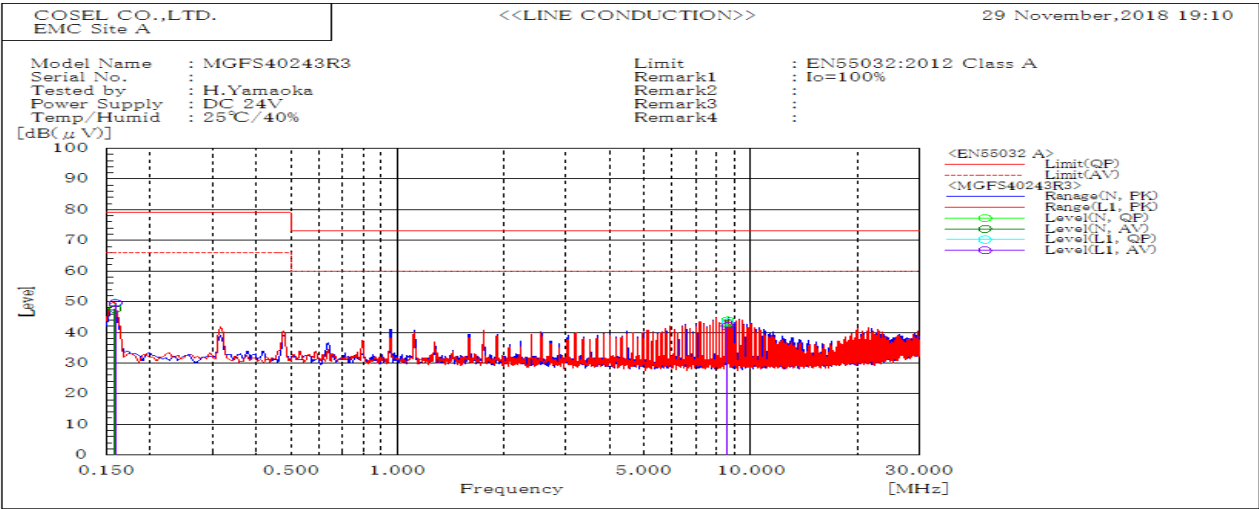
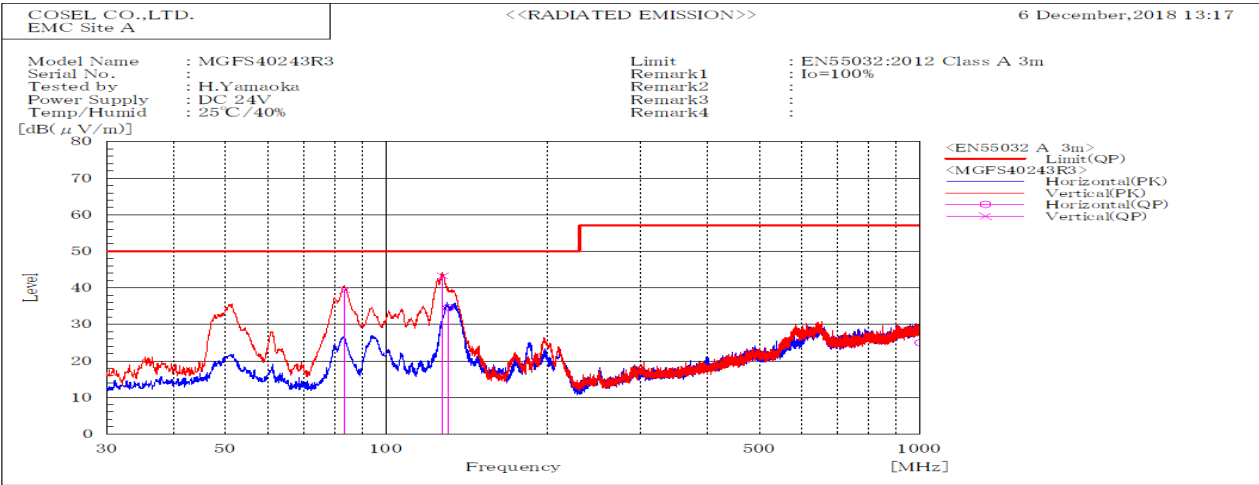


DATA SHEET		Date	15-Jan-19
Model	MGFS40243R3	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	H.Yamaoka



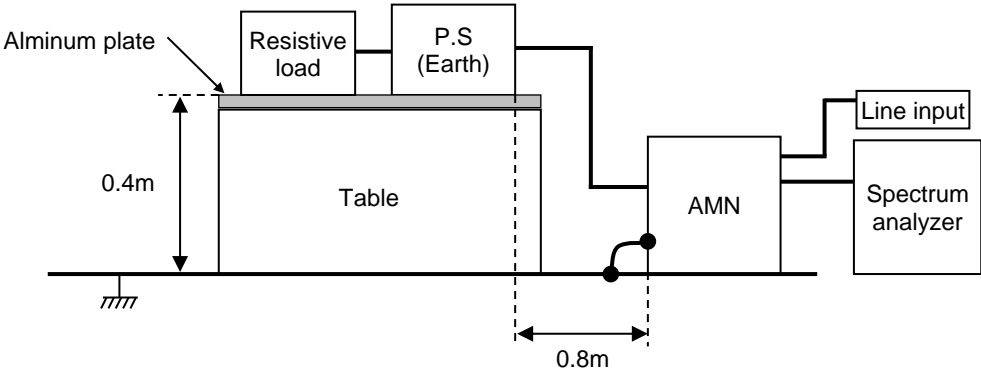
Frequency	Line	Level		Limit		Margin		Pass/Fail	Remark
MHz		dB(μV)		dB(μV)		dB			
		QP	AV	QP	AV	QP	AV		
0.159	L1	49.6	49.5	79	66	29.4	16.5	Pass	
8.606	L1	43.3	42.1	73	60	29.7	17.9	Pass	
0.159	N	47.7	47.5	79	66	31.3	18.5	Pass	
8.6	N	43.8	42.8	73	60	29.2	17.2	Pass	



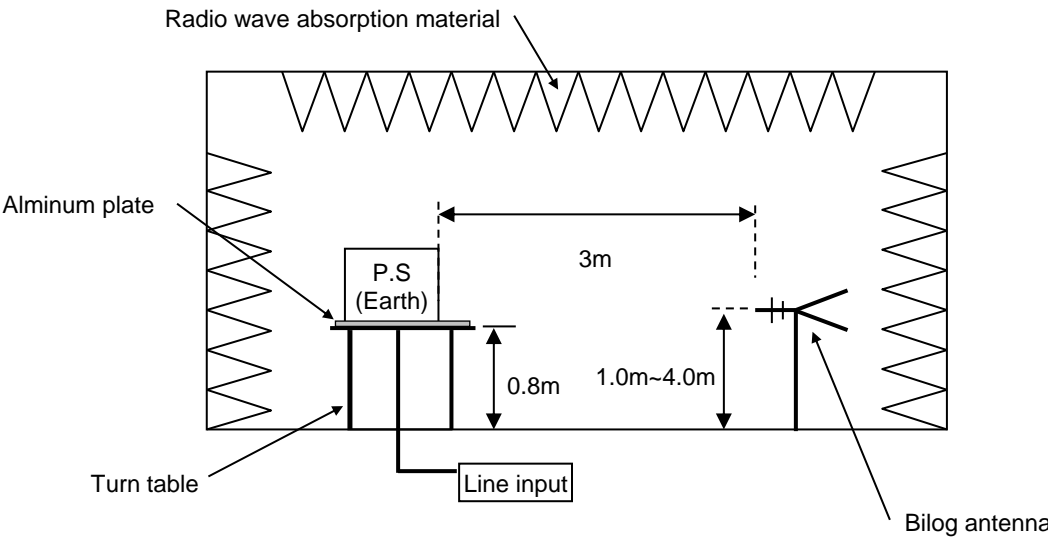
Frequency MHz	Polarization	Stability	Level dB(μV/m)	Limit dB(μV/m)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
			QP	QP	QP				
127.603	V	Stable	43.3	50	6.7	Pass	101.3	358	
83.508	V	Stable	39.4	50	10.6	Pass	101.4	104.7	
130.603	H	Stable	34.6	50	15.4	Pass	203.2	174.1	
999.998	H	Stable	25	57	32	Pass	271.8	346.4	

DATA SHEET		Date	15-Jan-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



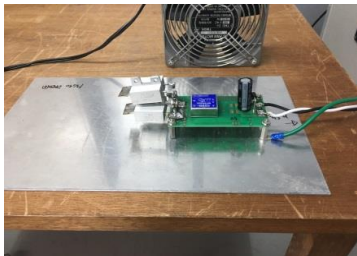
2. Radiated emission



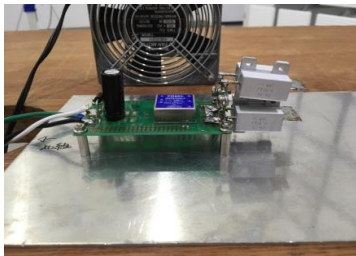
Conditions

Test : EMI
Model Name : MGFS40□□

○Photographs of Test Set-Up
LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

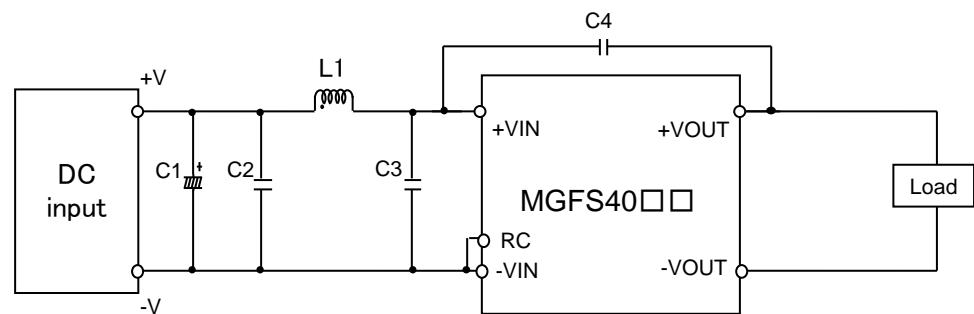


Fig.1 Testing circuitry

C1 :	MGFS4005□□	10V 4700μ F Electrolytic capacitor (UHWseries NICHICON CORPORATION)
	MGFS4024□□	63V 220μ F Electrolytic capacitor (KYseries NIPPON CHEMI-CON)
	MGFS4048□□	100V 220μ F Electrolytic capacitor (KYseries NIPPON CHEMI-CON)
C2 :	MGFS4005□□	16V 22μ F Ceramic capacitor (GRM32ER71C226K MURATA MANUFACTURING)
	MGFS4024□□	50V 10μ F Ceramic capacitor (GRM32ER71H106K MURATA MANUFACTURING)
	MGFS4048□□	100V 4.7μ F Ceramic capacitor (HMK325AC7475K TAIYOU YUDEN)
C3 :	MGFS4005□□	16V 22μ F Ceramic capacitor (GRM32ER71C226K MURATA MANUFACTURING)
	MGFS4024□□	50V 10μ F Ceramic capacitor (GRM32ER71H106K MURATA MANUFACTURING)
	MGFS4048□□	100V 4.7μ F Ceramic capacitor (HMK325AC7475K TAIYOU YUDEN)
C4 :	MGFS4005□□	2kV 1000pF Ceramic capacitor (GR431BR7LA102K MURATA MANUFACTURING)
	MGFS4024□□	2kV 1000pF Ceramic capacitor (GR431BR7LA102K MURATA MANUFACTURING)
	MGFS4048□□	2kV 1000pF Ceramic capacitor (GR431BR7LA102K MURATA MANUFACTURING)
L1 :	MGFS4005□□	15.0A 1.0μ H Inductor (SRP7050TA-1R0M BOURNS)
	MGFS4024□□	12.0A 1.8μ H Inductor (SRP7050TA-1R8M BOURNS)
	MGFS4048□□	6.0A 5.6μ H Inductor (SRP7050TA-5R6M BOURNS)