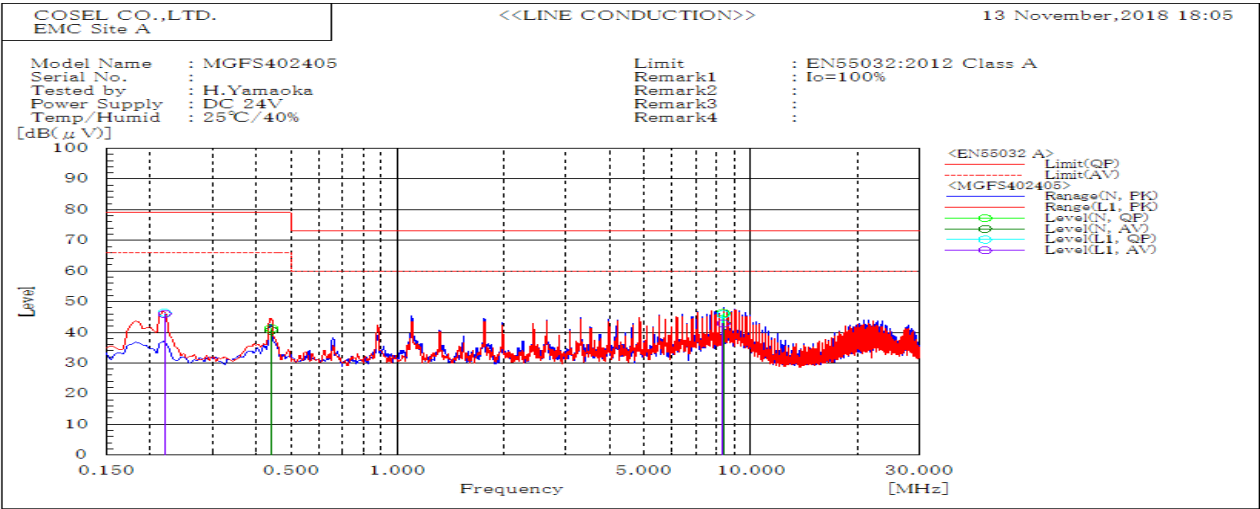
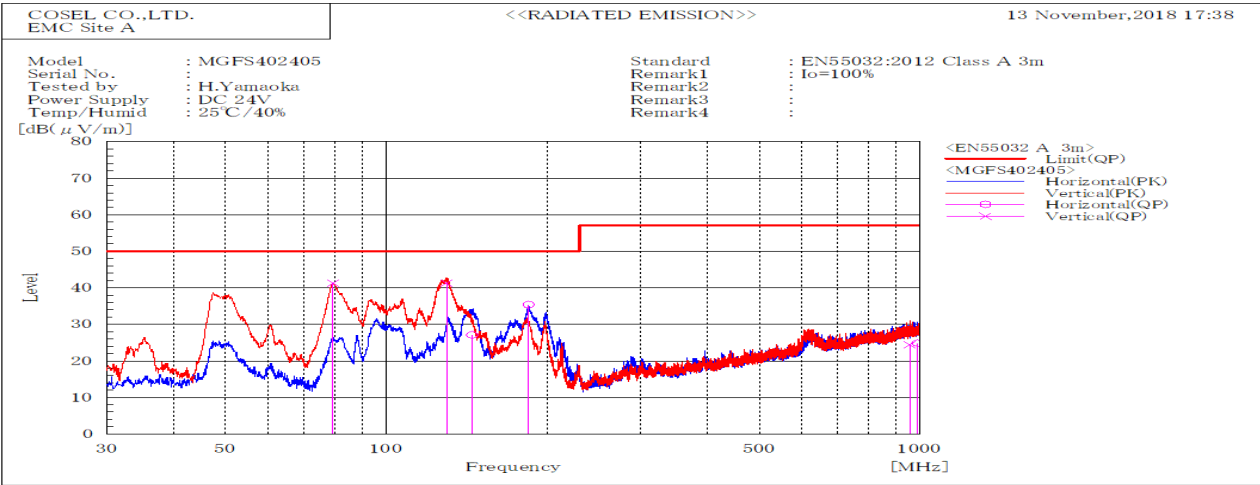


DATA SHEET		Date	15-Jan-19
Model	MGFS402405	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	H.Yamaoka



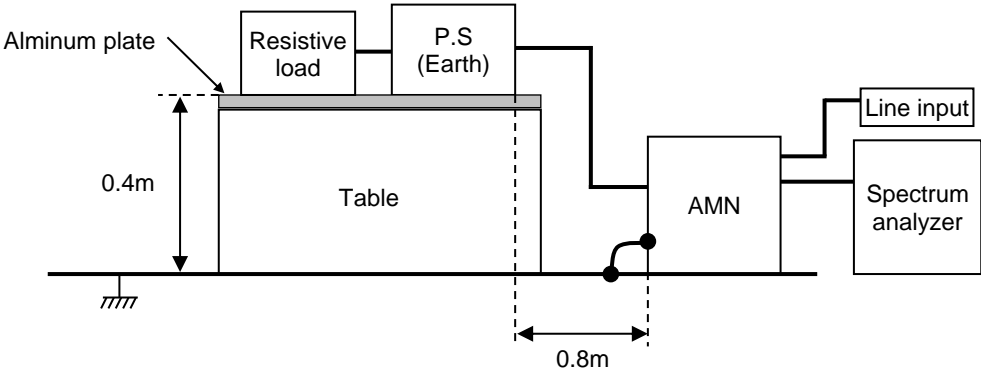
Frequency MHz	Line	Level dB(μV)		Limit dB(μV)		Margin dB		Pass/Fail	Remark
		QP	AV	QP	AV	QP	AV		
8.364	N	46.3	43	73	60	26.7	17	Pass	
0.441	N	41.3	40.6	79	66	37.7	25.4	Pass	
8.353	L1	45.8	42.9	73	60	27.2	17.1	Pass	
0.219	L1	46.4	46	79	66	32.6	20	Pass	



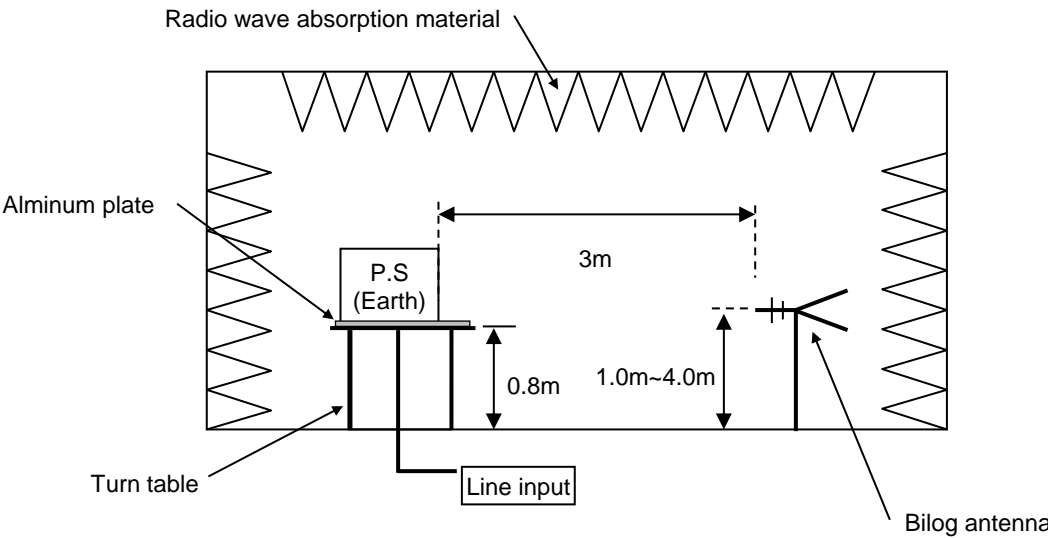
Frequency MHz	Polarization	Stability	Level dB(μV/m)		Limit dB(μV/m)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
			QP	QP						
129.769	V	Stable	41.3	50	8.7	Pass	101.4	271		
79.431	V	Stable	41.3	50	8.7	Pass	100	343.7		
956.658	V	Stable	24.4	57	32.6	Pass	234.1	350.4		
184.763	H	Stable	35.4	50	14.6	Pass	133.3	192.3		
989.274	H	Stable	24.9	57	32.1	Pass	128.4	276		
144.769	H	Stable	27.1	50	22.9	Pass	214	0		

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

1. Line conduction



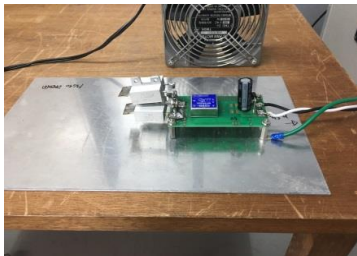
2. Radiated emission



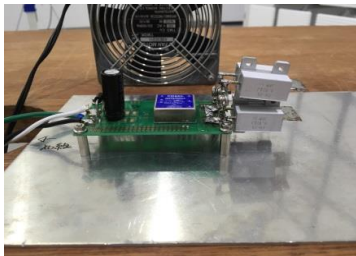
Conditions

Test : EMI
Model Name : MGFS40□□

○Photographs of Test Set-Up
LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

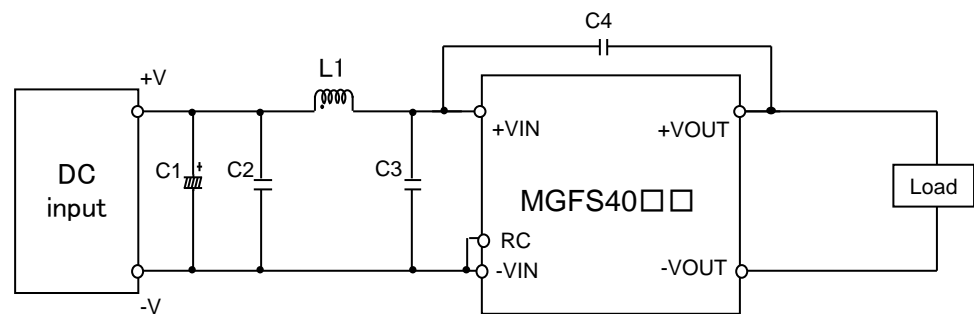


Fig.1 Testing circuitry

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)