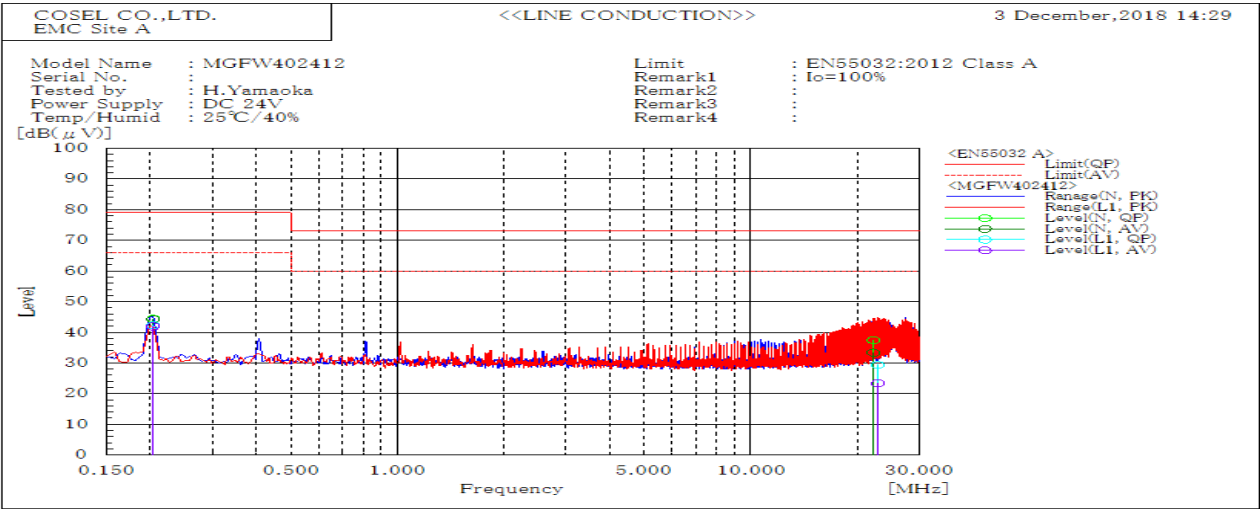
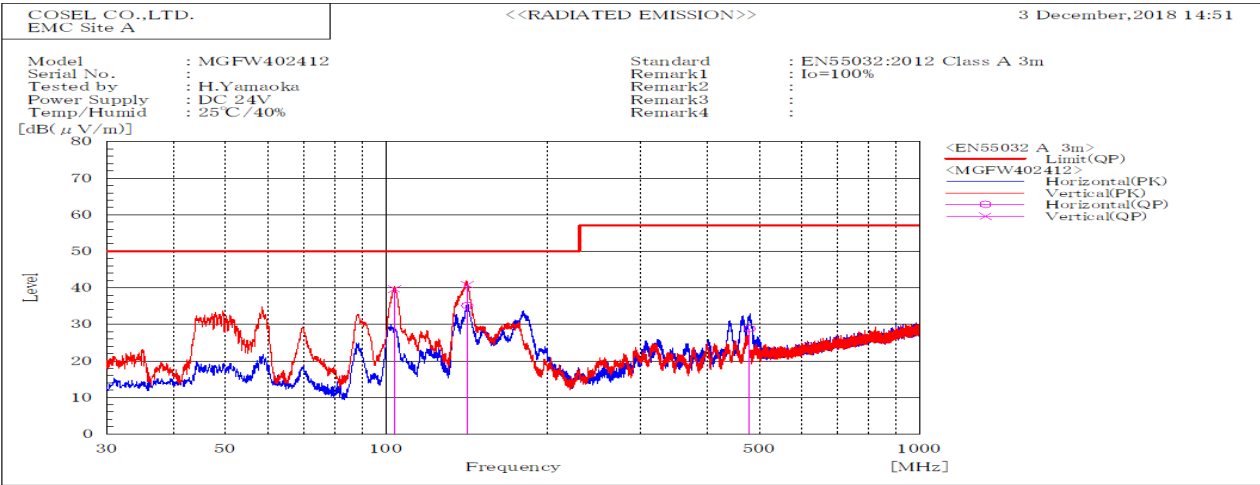


DATA SHEET		Date	15-Jan-19
Model	MGFW402412	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	H.Yamaoka



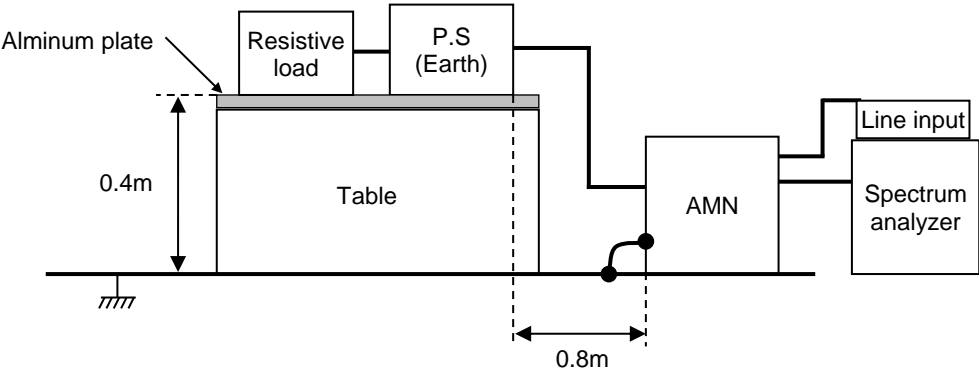
Frequency	Line	Level		Limit		Margin		Pass/Fail	Remark
MHz		dB(μV)		dB(μV)		dB			
		QP	AV	QP	AV	QP	AV		
0.204	N	44.4	44.2	79	66	34.6	21.8	Pass	
22.25	N	37.4	33.4	73	60	35.6	26.6	Pass	
22.889	L1	29.4	23.4	73	60	43.6	36.6	Pass	
0.204	L1	42.3	42	79	66	36.7	24	Pass	



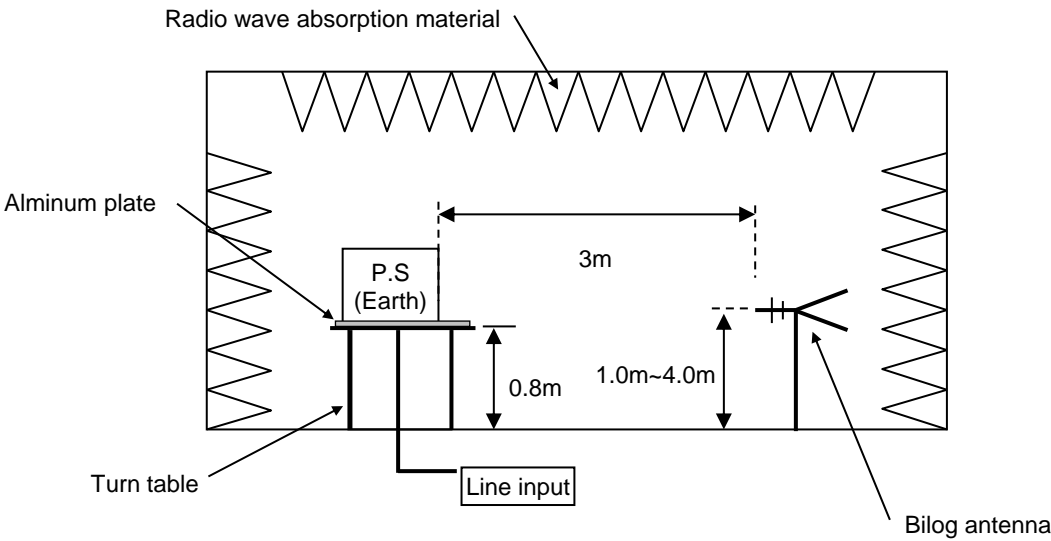
Frequency MHz	Polarization	Stability	Level	Limit	Margin	Pass/Fail	Height cm	Angle deg	Remark
			dB(μV/m) QP	dB(μV/m) QP	dB QP				
141.882	V	Stable	40.9	50	9.1	Pass	103.5	0	
103.614	V	Stable	39.7	50	10.3	Pass	100	298.6	
141.895	H	Stable	35.2	50	14.8	Pass	215.7	319.6	
479.112	H	Stable	28.8	57	28.2	Pass	184.4	29.4	

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



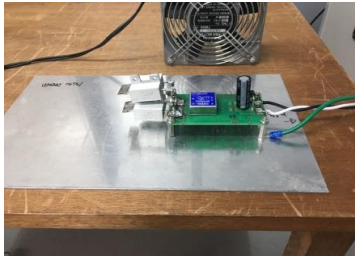
2. Radiated emission



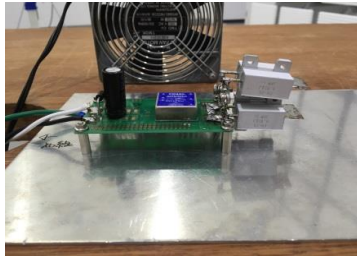
Conditions

Test : EMI
Model Name : MGFW40□□

○Photographs of Test Set-Up
LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

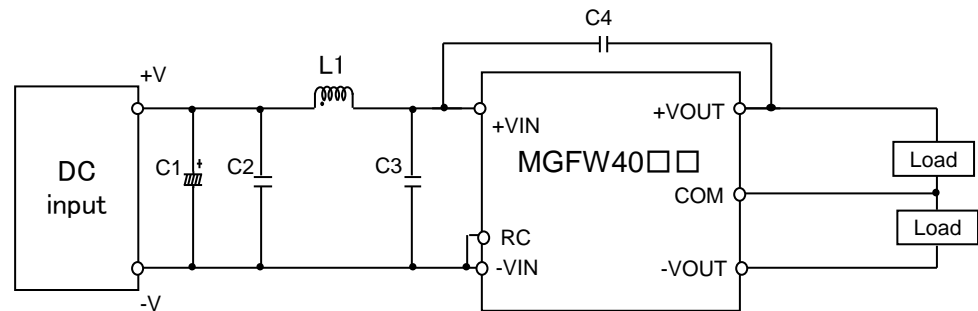


Fig.1 Testing circuitry

C1 :	MGFW4005□□	10V 4700μ F Electrolytic capacitor (UHWseries NICHICON CORPORATION)
	MGFW4024□□	63V 220μ F Electrolytic capacitor (KYseries NIPPON CHEMI-CON)
	MGFW4048□□	100V 220μ F Electrolytic capacitor (KYseries NIPPON CHEMI-CON)
C2 :	MGFW4005□□	16V 22μ F Ceramic capacitor (GRM32ER71C226K MURATA MANUFACTURING)
	MGFW4024□□	50V 10μ F Ceramic capacitor (GRM32ER71H106K MURATA MANUFACTURING)
	MGFW4048□□	100V 4.7μ F Ceramic capacitor (HMK325AC7475K TAIYOU YUDEN)
C3 :	MGFW4005□□	16V 22μ F Ceramic capacitor (GRM32ER71C226K MURATA MANUFACTURING)
	MGFW4024□□	50V 10μ F Ceramic capacitor (GRM32ER71H106K MURATA MANUFACTURING)
	MGFW4048□□	100V 4.7μ F Ceramic capacitor (HMK325AC7475K TAIYOU YUDEN)
C4 :	MGFW4005□□	2kV 1000pF Ceramic capacitor (GR431BR7LA102K MURATA MANUFACTURING)
	MGFW4024□□	2kV 1000pF Ceramic capacitor (GR431BR7LA102K MURATA MANUFACTURING)
	MGFW4048□□	2kV 1000pF Ceramic capacitor (GR431BR7LA102K MURATA MANUFACTURING)
L1 :	MGFW4005□□	15.0A 1.0μ H Inductor (SRP7050TA-1R0M BOURNS)
	MGFW4024□□	12.0A 1.8μ H Inductor (SRP7050TA-1R8M BOURNS)
	MGFW4048□□	6.0A 5.6μ H Inductor (SRP7050TA-5R6M BOURNS)