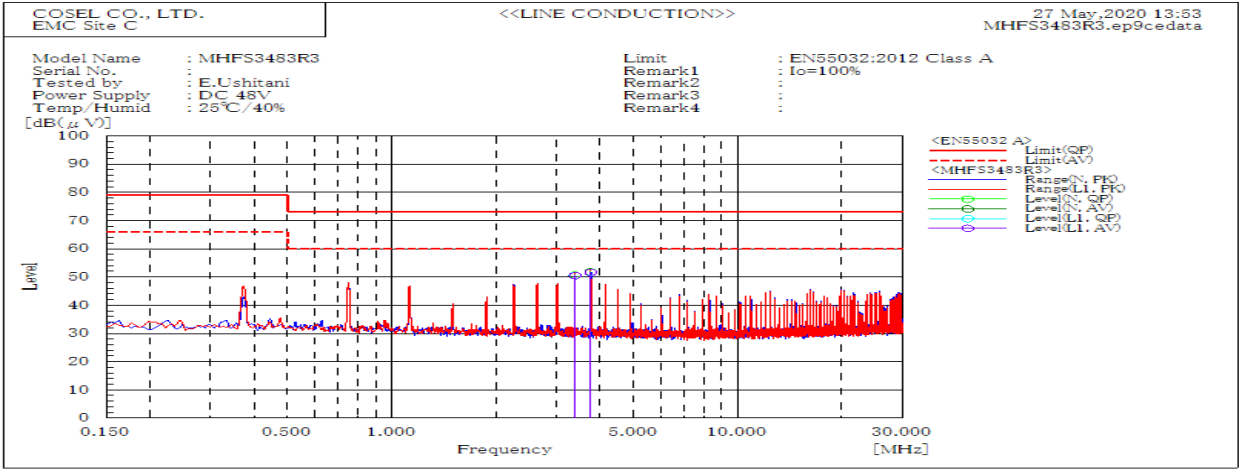
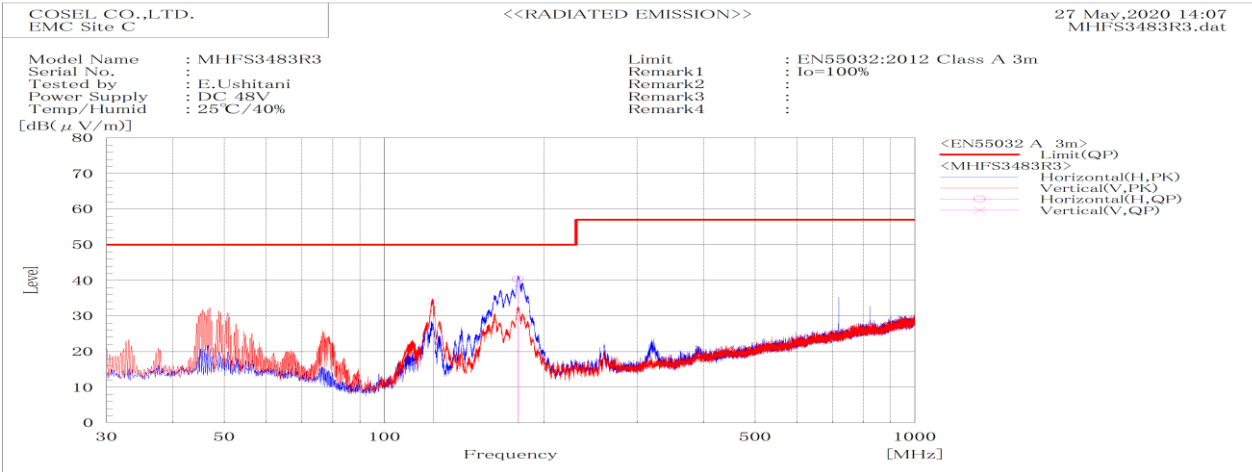


DATA SHEET		Date	04-Jun-20
Model	MHFS3483R3	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	E.Ushitani



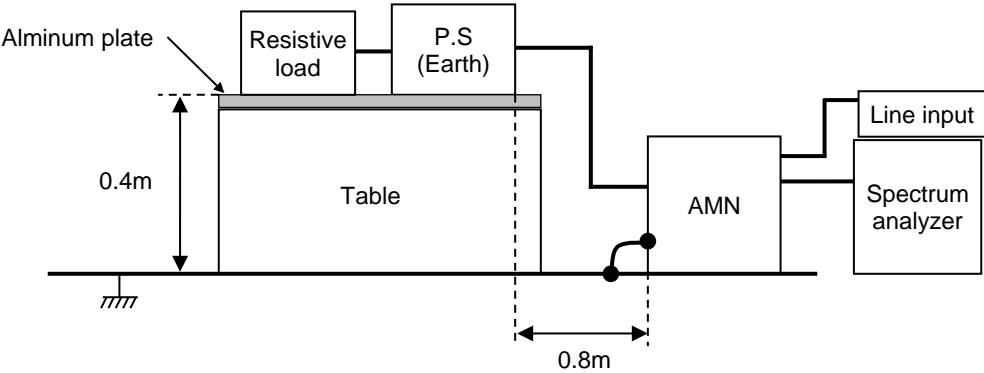
Frequency MHz	Line	Level dB(μV)		Limit dB(μV)		Margin dB		Pass/Fail	Remark
		QP	AV	QP	AV	QP	AV		
3.755	L1	51.7	51.7	73	60	21.3	8.3	Pass	
3.379	L1	50.5	50.5	73	60	22.5	9.5	Pass	
3.754	N	51.8	51.8	73	60	21.2	8.2	Pass	
3.379	N	50.7	50.6	73	60	22.3	9.4	Pass	



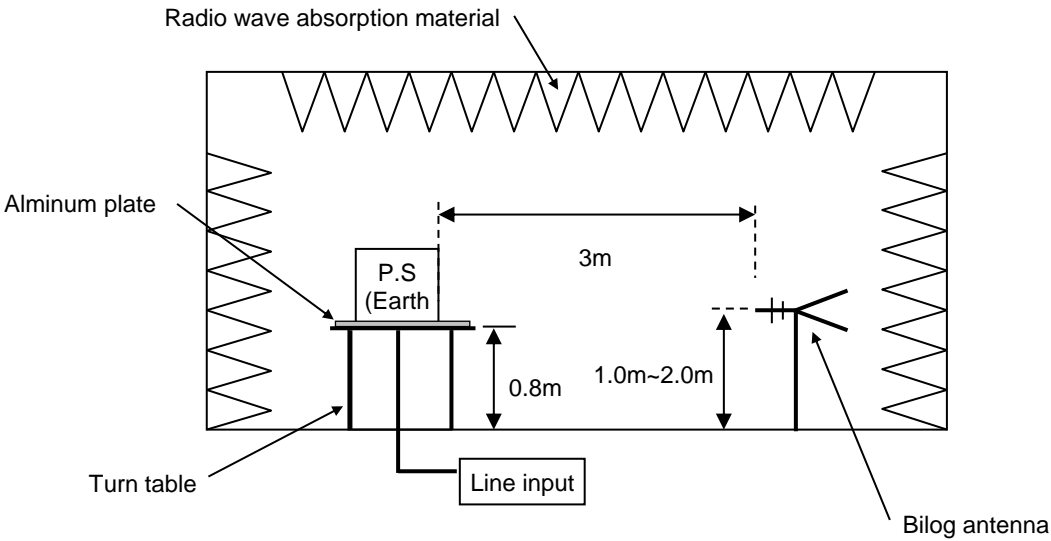
Frequency MHz	Polarization	Stability	Level dB(μV/m)		Margin dB	Pass/Fail	Height cm	Angle deg	Remark
			QP	QP					
178.567	H	Stable	40.4	50	9.6	Pass	199.7	0	
123.65	V	Stable	34.2	50	15.8	Pass	100.2	16.3	

DATA SHEET		Date	04-Jun-20
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	E.Ushitani

1. Line conduction



2. Radiated emission

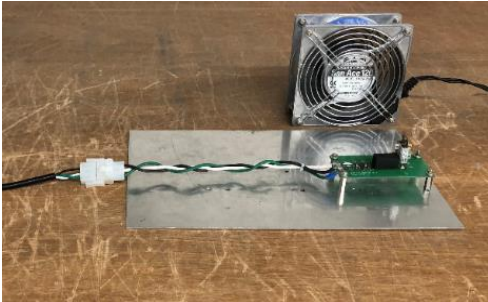


Conditions

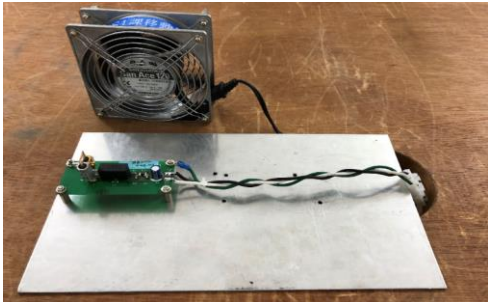
Test : EMI  
Model Name: MHFS3□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

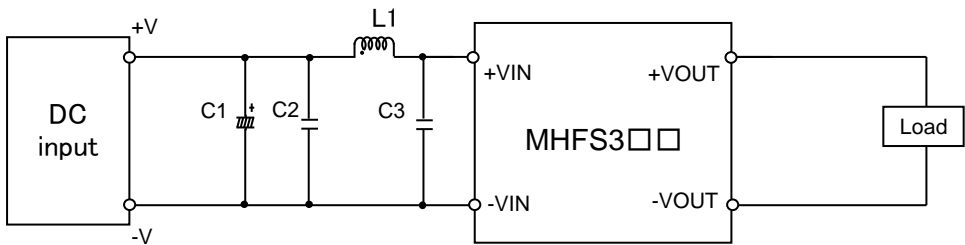


Fig.1 Testing circuitry

C1 :	MHFS312□□	50V 100μ F Electric capacitor (LXZseries NIPPON CHEMI-CON)
	MHFS324□□	-
	MHFS348□□	-
C2 :	MHFS312□□	25V 10μ F Ceramic capacitor (GRM31CR71E106K MURATA MANUFACTURING)
	MHFS324□□	50V 4.7μ F Ceramic capacitor (GRM31CR71H475K MURATA MANUFACTURING)
	MHFS348□□	100V 2.2μ F Ceramic capacitor (HMK316AC7225KLHTE TAIYO YUDEN)
C3 :	MHFS312□□	25V 10μ F Ceramic capacitor (GRM31CR71E106K MURATA MANUFACTURING)
	MHFS324□□	50V 4.7μ F Ceramic capacitor (GRM31CR71H475K MURATA MANUFACTURING)
	MHFS348□□	100V 2.2μ F Ceramic capacitor (HMK316AC7225KLHTE TAIYO YUDEN)
L1 :	MHFS312□□	1200mA 4.7μ H Inductor(LQH32PN4R7NNCL MURATA MANUFACTURING)
	MHFS324□□	900mA 10μ H Inductor(LQH32PN100MNCL MURATA MANUFACTURING)
	MHFS348□□	550mA 22μ H Inductor(LQH32PN220MNCL MURATA MANUFACTURING)