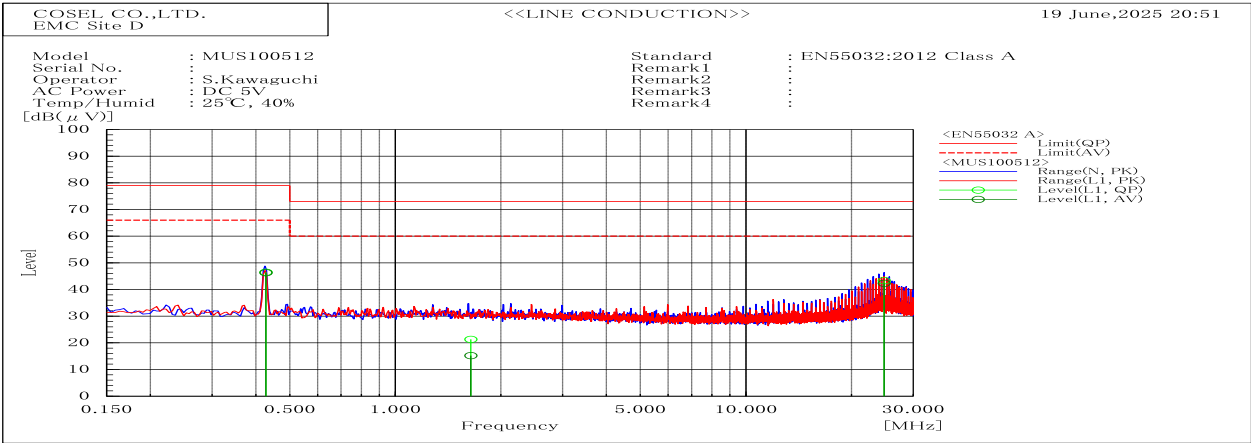
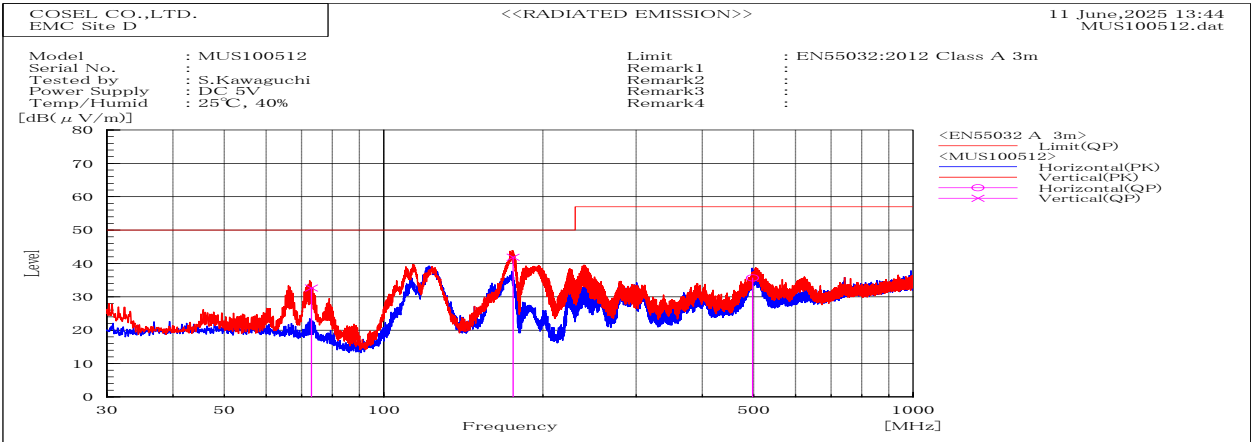


DATA SHEET		Date	19-Jun-25
Model	MUS100512	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	S.Kawaguchi



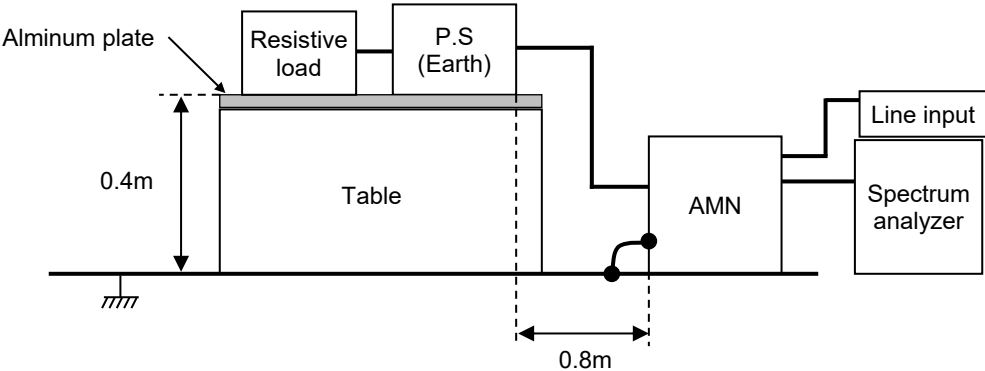
Frequency MHz	Line	Level dB(μV)		Limit dB(μV)		Margin dB		Pass/Fail	Remark
		QP	AV	QP	AV	QP	AV		
0.427	L1	46.5	46.3	79	66	32.5	19.7	Pass	
1.642	L1	21.3	15.2	73	60	51.7	44.8	Pass	
24.804	L1	43.3	42.3	73	60	29.7	17.7	Pass	



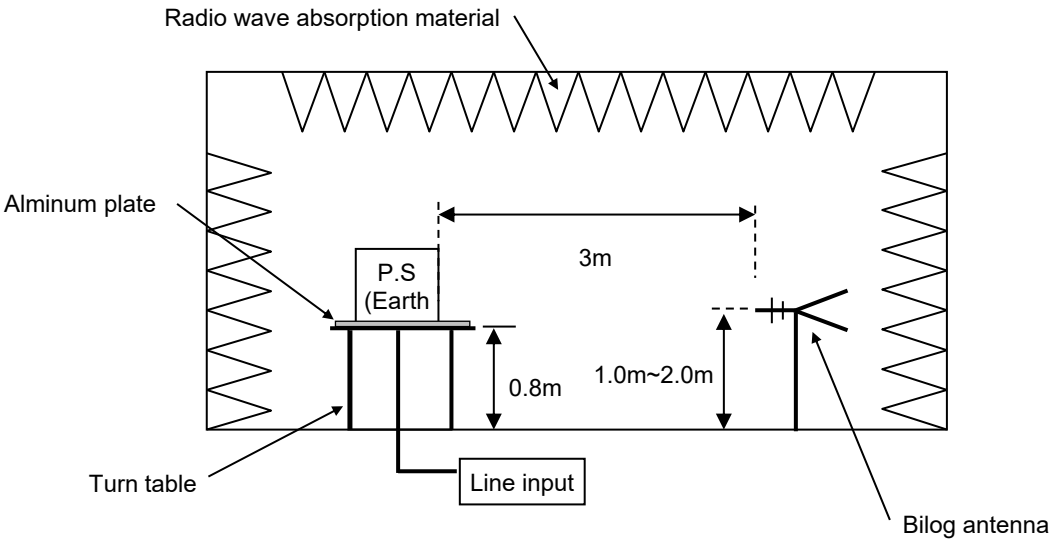
Frequency MHz	Polarization	Stability	Level dB(uV/m)	Limit dB(uV/m)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
			QP	QP	QP				
175.544	V	Stable	41.9	50	8.1	Pass	100	261.7	
73.052	V	Stable	32.6	50	17.4	Pass	100	346.6	
497.601	H	Stable	35.7	57	21.3	Pass	159.9	57.1	

DATA SHEET		Date	19-Jun-25
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	40 %RH
		Tested by	S.Kawaguchi

1. Line conduction



2. Radiated emission



**Conditions**

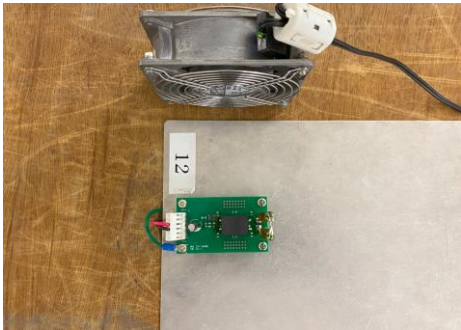
Test : EMI  
 Model Name: MUS10□□

○Photographs of Test Set-Up

**LINE CONDUCTION**



**RADIATED EMISSION**



○Testing circuitry

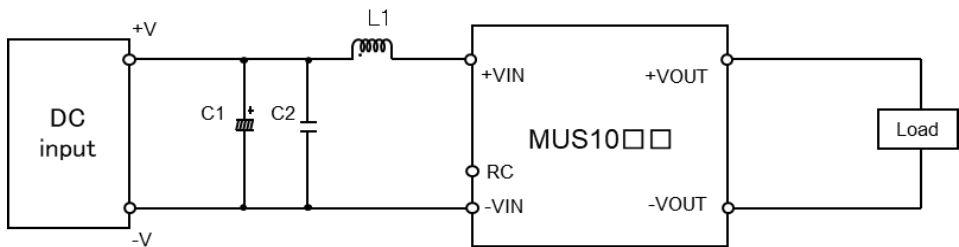


Fig.1 MUS10□□ Testing circuitry

C1 :	MUS1005□	25V 1500 $\mu$ F	Electric capacitor (LXZseries NIPPON CHEMI-CON)
	MUS1012□	50V 100 $\mu$ F	Electric capacitor (UPWseries NICHICON)
	MUS1024□	—	—
	MUS1048□	—	—
C2 :	MUS1005□	16V 22 $\mu$ F	Ceramic capacitor (GRM31CC71C226M MURATA MANUFACTURING)
	MUS1012□	25V 10 $\mu$ F	Ceramic capacitor (CM316X7R106K25AT KYOCERA)
	MUS1024□	50V 4.7 $\mu$ F	Ceramic capacitor (GRM31CR71H475K MURATA MANUFACTURING)
	MUS1048□	100V 2.2 $\mu$ F	Ceramic capacitor (C3216X7S2A225KT TDK)
L1 :	MUS1005□	5000mA 2.2 $\mu$ H	Inductor(LQH5BPN2R2N38 MURATA MANUFACTURING)
	MUS1012□	3500mA 4.7 $\mu$ H	Inductor(LQH5BPN4R7N38 MURATA MANUFACTURING)
	MUS1024□	1600mA 22 $\mu$ H	Inductor(LQH5BPN220M38 MURATA MANUFACTURING)
	MUS1048□	1100mA 47 $\mu$ H	Inductor(LQH5BPN470M38 MURATA MANUFACTURING)