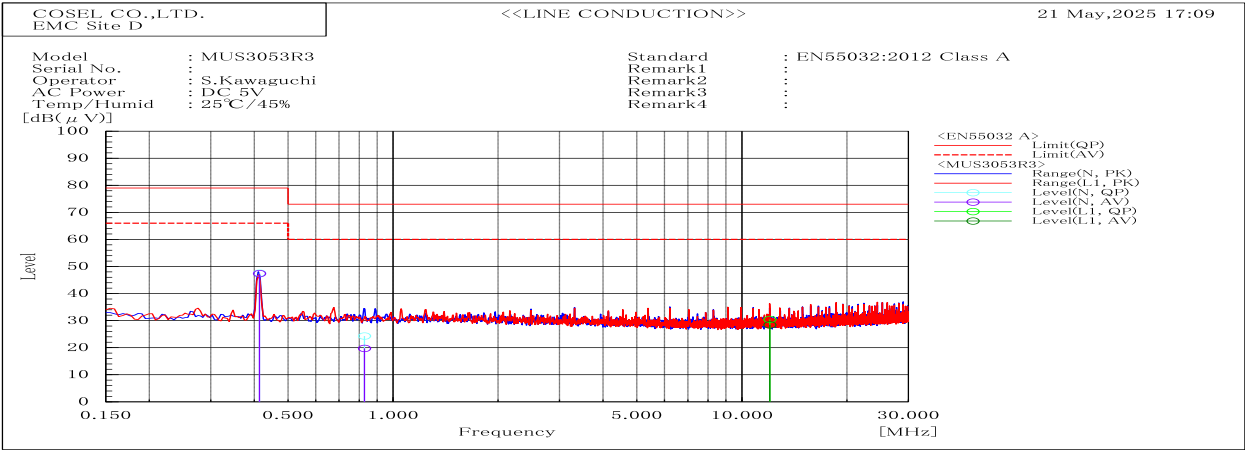
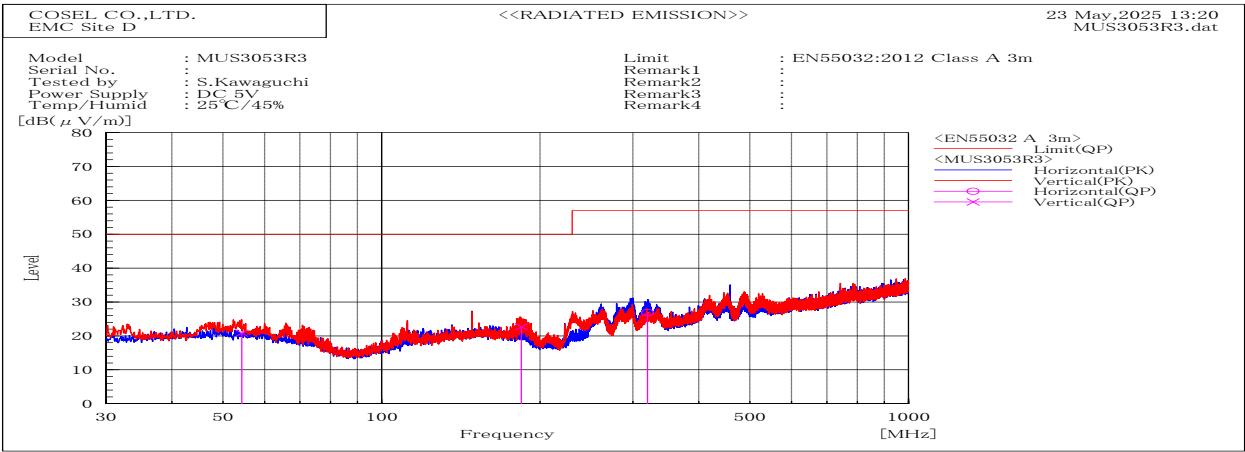


DATA SHEET		Date	23-May-25
Model	MUS3053R3	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Kawaguchi



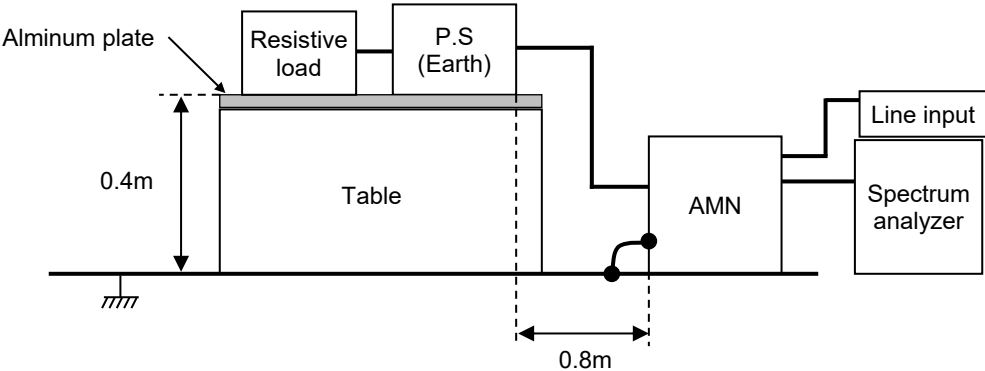
Frequency	Line	Level		Limit		Margin		Pass/Fail	Remark
MHz		dB(μV)		dB(μV)		dB			
		QP	AV	QP	AV	QP	AV		
0.414	N	47.6	47.4	79	66	31.4	18.6	Pass	
0.828	N	24.3	19.8	73	60	48.7	40.2	Pass	
12.019	L1	30.4	28.5	73	60	42.6	31.5	Pass	



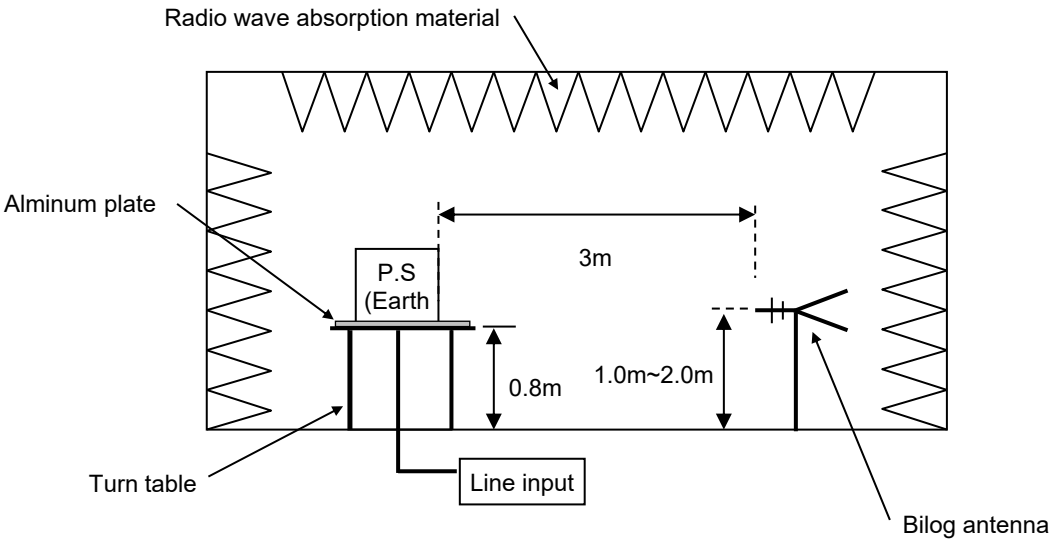
Frequency MHz	Polarization	Stability	Level	Limit	Margin	Pass/Fail	Height cm	Angle deg	Remark
			dB(uV/m) QP	dB(uV/m) QP	dB QP				
54.307	V	Stable	20.8	50	29.2	Pass	100.3	2.6	
184.088	V	Stable	22.7	50	27.3	Pass	102.8	46.6	
319.589	H	Stable	26.9	57	30.1	Pass	100.5	255.7	

DATA SHEET		Date	23-May-25
Model	Circuit used for measurement	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Kawaguchi

1. Line conduction



2. Radiated emission

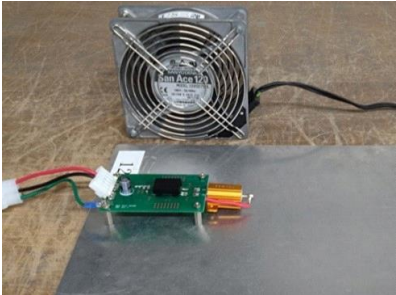


Conditions

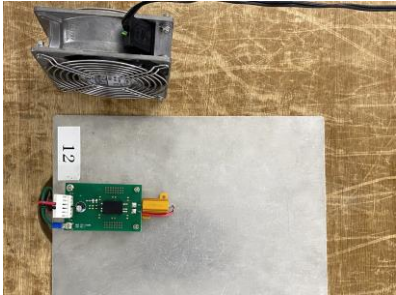
Test : EMI  
Model Name: MUS3□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

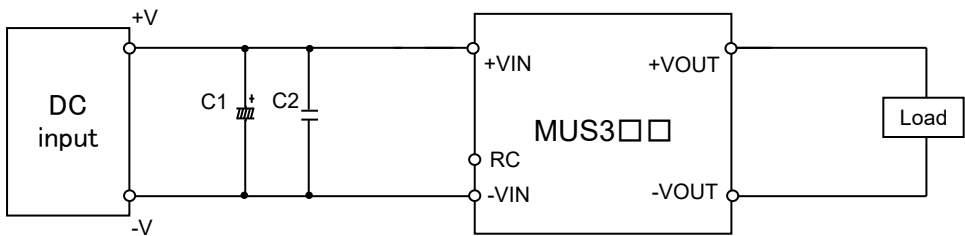


Fig.1 MUS305□, MUS312□, MUS324□ Testing circuitry

- |      |         |                 |   |
|------|---------|-----------------|---|
| C1 : | MUS305□ | 16V 220 $\mu$ F | Electric capacitor (UPWseries NICHICON)                 |
|      | MUS312□ | 50V 100 $\mu$ F | Electric capacitor (UPWseries NICHICON)                 |
|      | MUS324□ | —               |   |
| C2 : | MUS305□ | 16V 22 $\mu$ F  | Ceramic capacitor (GRM31CC71C226M MURATA MANUFACTURING) |
|      | MUS312□ | 25V 22 $\mu$ F  | Ceramic capacitor (C3216JB1E226MT TDK)                  |
|      | MUS324□ | 50V 10 $\mu$ F  | Ceramic capacitor (C3216X7R1H106KT TDK)                 |

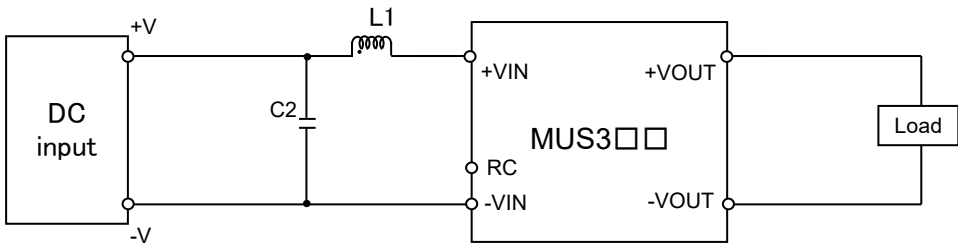


Fig.2 MUS348□ Testing circuitry

- |      |         |                  |  |
|------|---------|------------------|--|
| C2 : | MUS348□ | 100V 2.2 $\mu$ F | Ceramic capacitor (C3216X7S2A225KT TDK)        |
| L1 : | MUS348□ | 520mA 15 $\mu$ H | Inductor (LQH32PN150MN0L MURATA MANUFACTURING) |