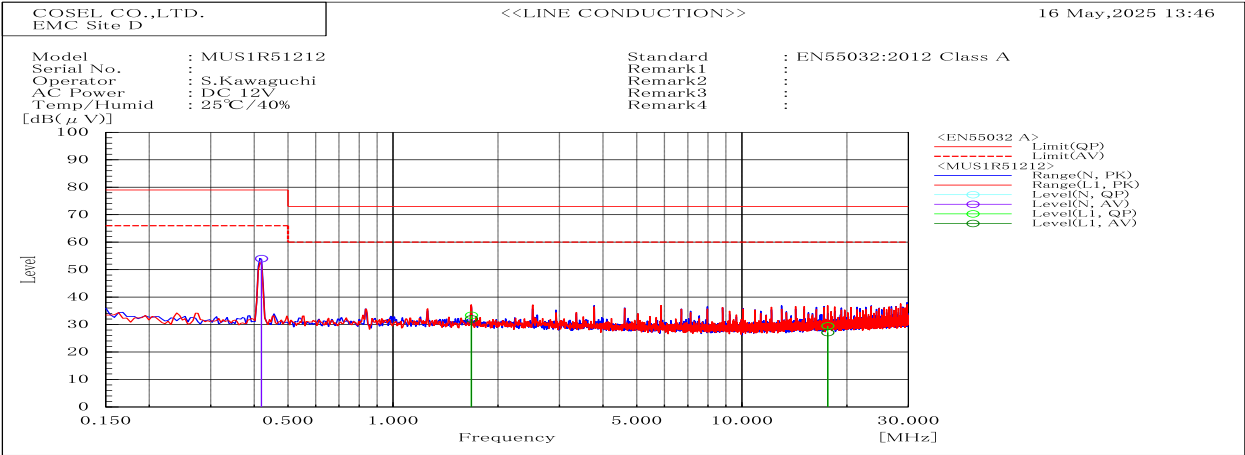
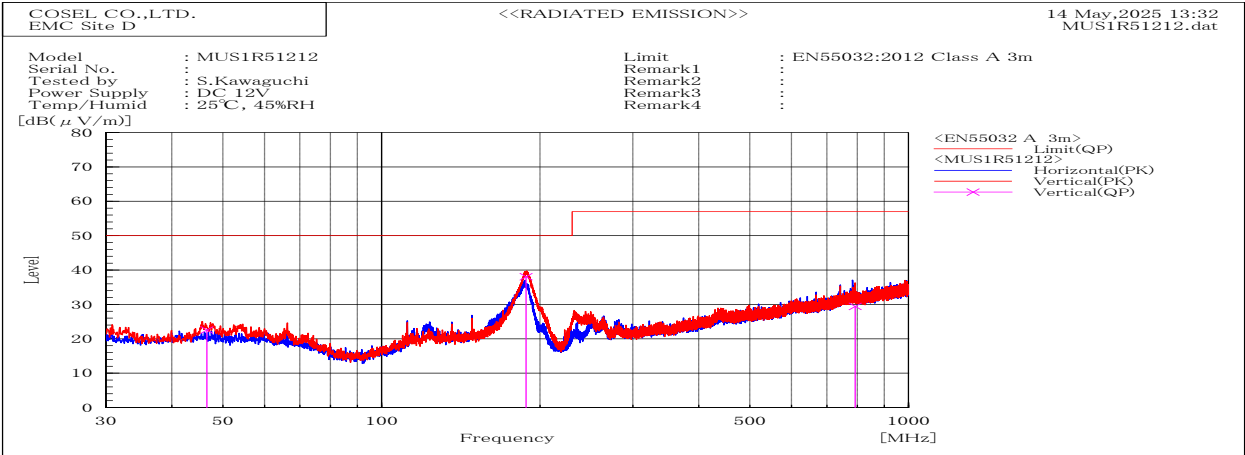


DATA SHEET		Date	16-May-25
Model	MUS1R51212	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Kawaguchi



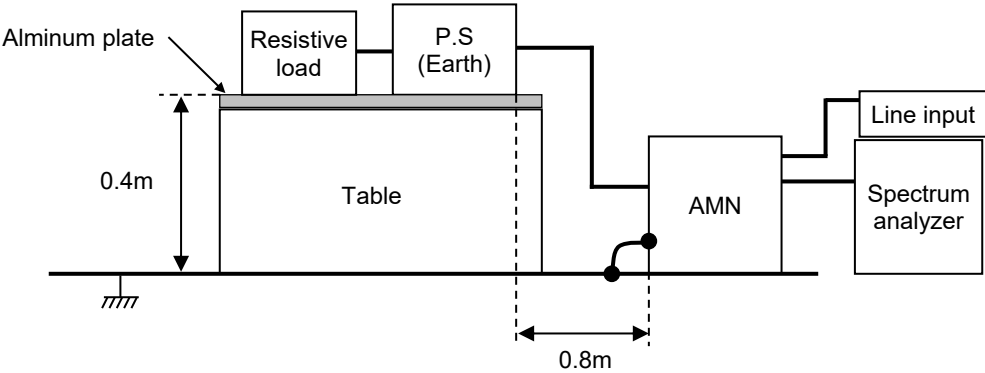
Frequency MHz	Line	Level dB(μV)		Limit dB(μV)		Margin dB		Pass/Fail	Remark
		QP	AV	QP	AV	QP	AV		
0.42	N	54.1	54	79	66	24.9	12	Pass	
1.678	L1	33.4	32.1	73	60	39.6	27.9	Pass	
17.623	L1	29.5	27.1	73	60	43.5	32.9	Pass	



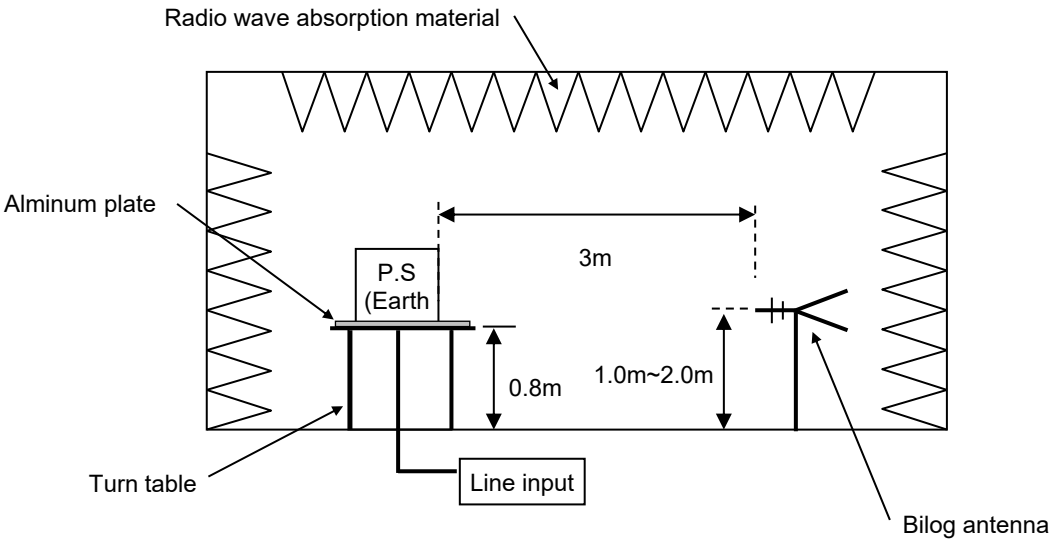
Frequency MHz	Polarization	Stability	Level dB(uV/m)		Limit dB(uV/m)	Margin dB	Pass/Fail	Height cm	Angle deg	Remark
			QP	QP						
188.085	V	Stable	38.1	50	11.9	Pass	100	25.3		
46.637	V	Stable	22.6	50	27.4	Pass	100.2	204.7		
791.992	V	Stable	29.4	57	27.6	Pass	134.3	275.2		

DATA SHEET		Date	16-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

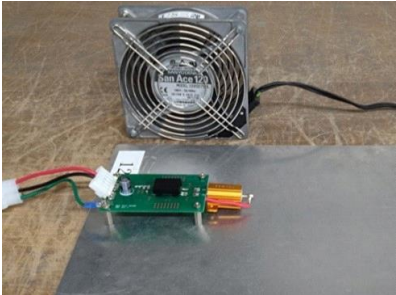


Conditions

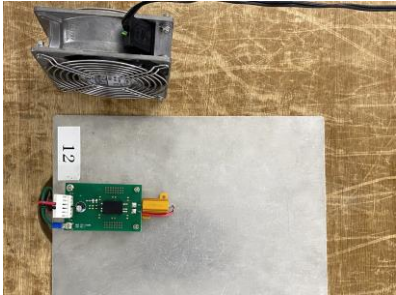
Test : EMI  
Model Name: MUS1R5□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

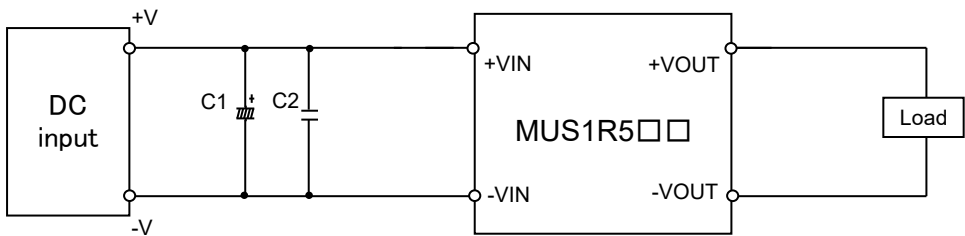


Fig.1 MUS1R505□, MUS1R512□, MUS1R524□ Testing circuitry

- |      |           |                 |   |
|------|-----------|-----------------|---|
| C1 : | MUS1R505□ | 16V 220 $\mu$ F | Electric capacitor (UPWseries NICHICON)                 |
|      | MUS1R512□ | 50V 100 $\mu$ F | Electric capacitor (UPWseries NICHICON)                 |
|      | MUS1R524□ | -               |   |
| C2 : | MUS1R505□ | 16V 22 $\mu$ F  | Ceramic capacitor (GRM31CC71C226M MURATA MANUFACTURING) |
|      | MUS1R512□ | 25V 22 $\mu$ F  | Ceramic capacitor (C3216JB1E226MT TDK)                  |
|      | MUS1R524□ | 50V 10 $\mu$ F  | Ceramic capacitor (C3216X7R1H106KT TDK)                 |

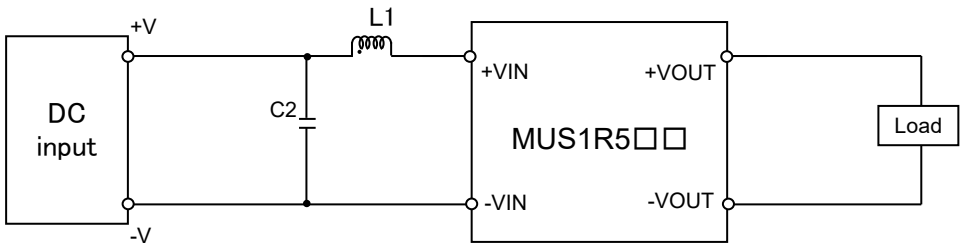


Fig.2 MUS1R548□ Testing circuitry

- |      |           |                  |  |
|------|-----------|------------------|--|
| C2 : | MUS1R548□ | 100V 2.2 $\mu$ F | Ceramic capacitor (C3216X7S2A225KT TDK)        |
| L1 : | MUS1R548□ | 520mA 15 $\mu$ H | Inductor (LQH32PN150MN0L MURATA MANUFACTURING) |