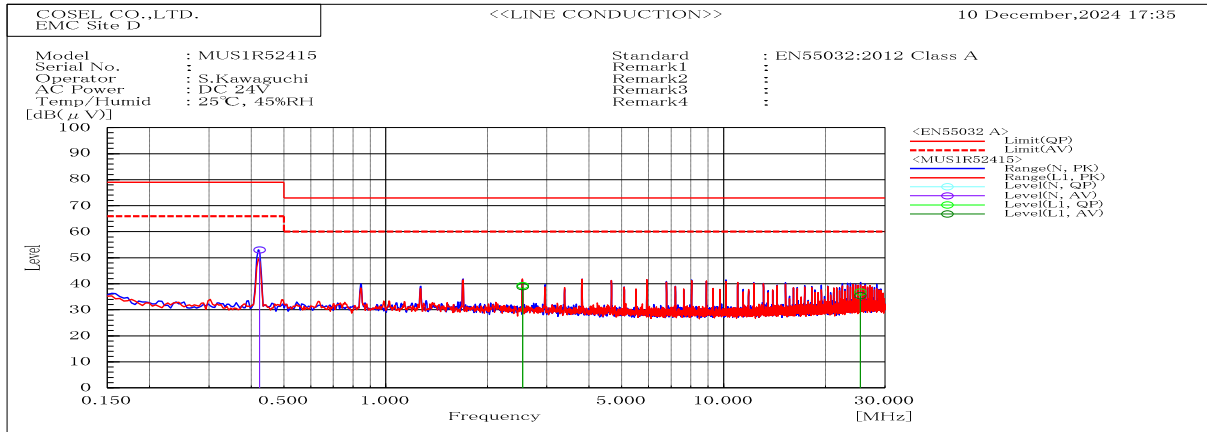
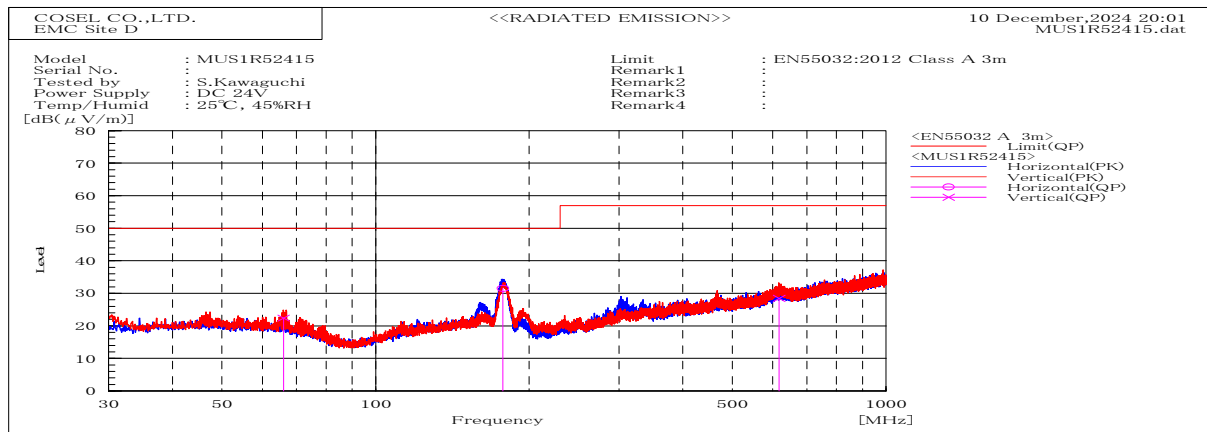


DATA SHEET		Date	05-Mar-25
Model	MUS1R52415	Temp.	25 degreeC
Test	EMI Line conduction & Radiated emission	Humid.	45 %RH
		Tested by	S.Kawaguchi



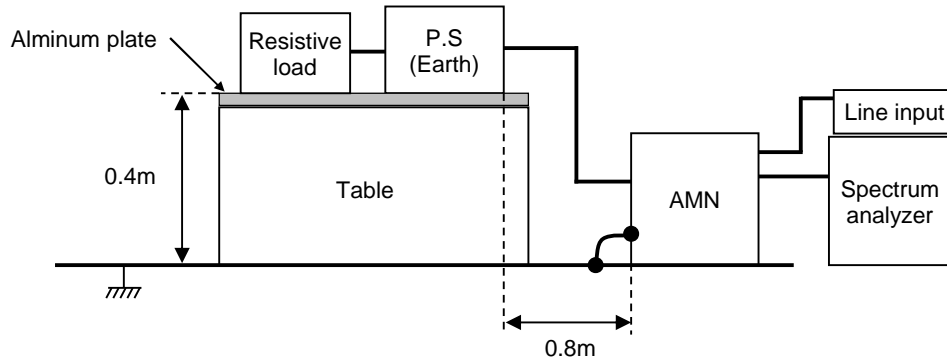
Frequency	Line	Level		Limit		Margin		Pass/Fail	Remark
MHz		dB(μV)		dB(μV)		dB			
		QP	AV	QP	AV	QP	AV		
0.424	N	53.1	53	79	66	25.9	13	Pass	
2.542	L1	39.3	38.8	73	60	33.7	21.2	Pass	
25.415	L1	36.8	35.5	73	60	36.2	24.5	Pass	



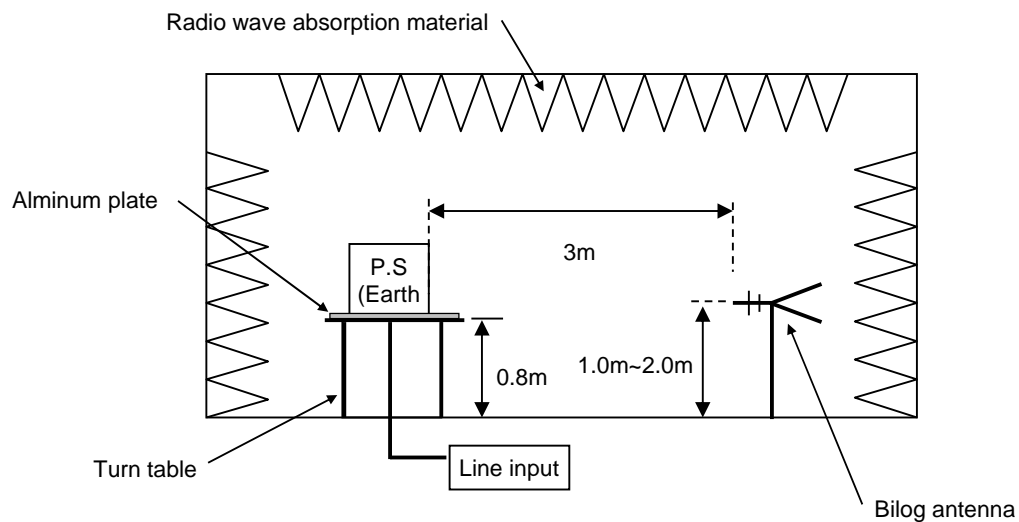
Frequency	Polarization	Stability	Level	Limit	Margin	Pass/Fail	Height	Angle	Remark
MHz			dB(μV/m)	dB(μV/m)	dB				
			QP	QP	QP		cm	deg	
177.594	H	Stable	31.5	50	18.5	Pass	200	50.1	
66.068	V	Stable	22.4	50	27.6	Pass	100	28.2	
617.368	V	Stable	28.5	57	28.5	Pass	100.2	82.6	

DATA SHEET		Date	05-Mar-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

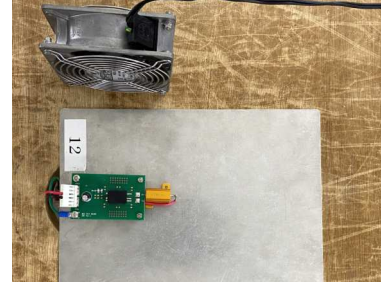
Test : EMI  
Model Name: MUS1R5□□

### ○Photographs of Test Set-Up

#### LINE CONDUCTION



#### RADIATED EMISSION



### ○Testing circuitry

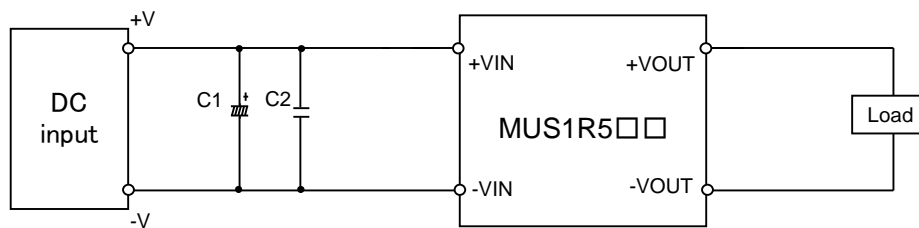


Fig.1 MUS1R505□, MUS1R512□, MUS1R524□ Testing circuitry

- |      |           |                 |   |
|------|-----------|-----------------|---|
| 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)                 |

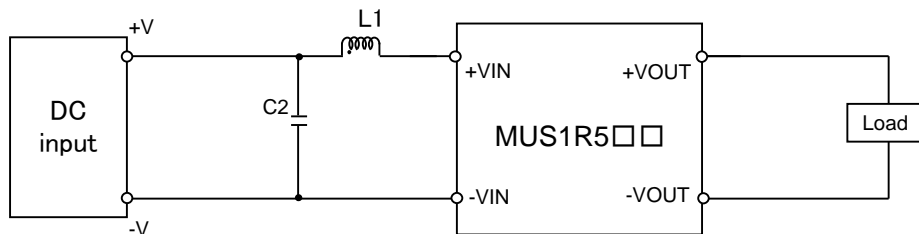


Fig.2 MUS1R548□ Testing circuitry

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