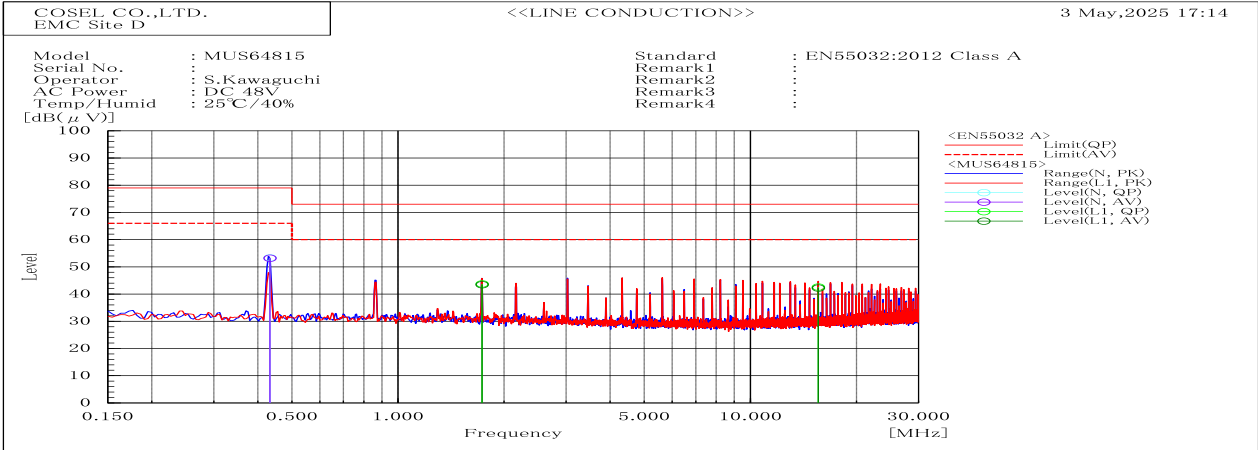
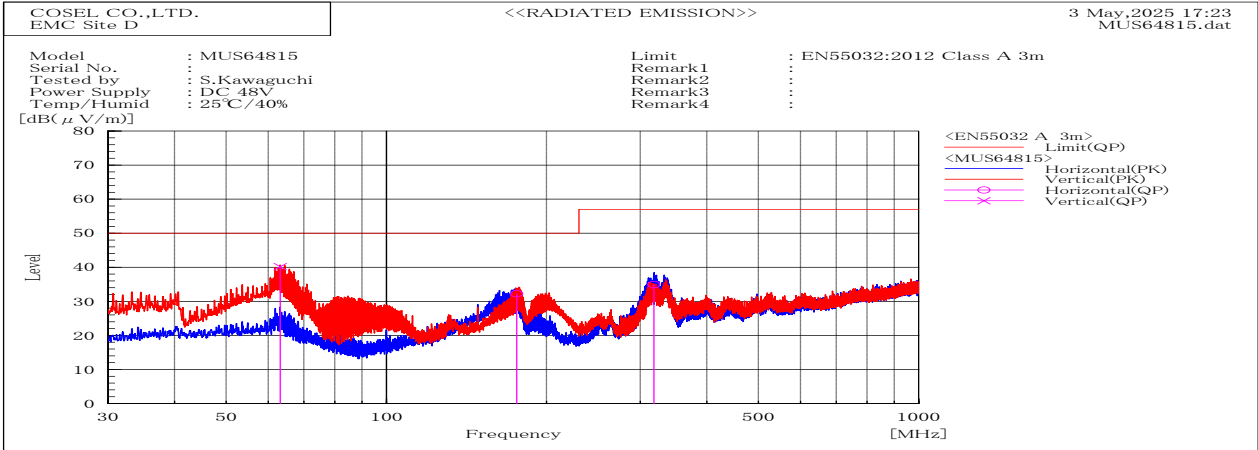


| DATA SHEET | | Date | 03-May-25 |
|------------|--|-----------|-------------|
| Model | MUS64815 | Temp. | 25 degreeC |
| Test | EMI Line conduction & Radiated emission | Humid. | 40 %RH |
| | | Tested by | S.Kawaguchi |



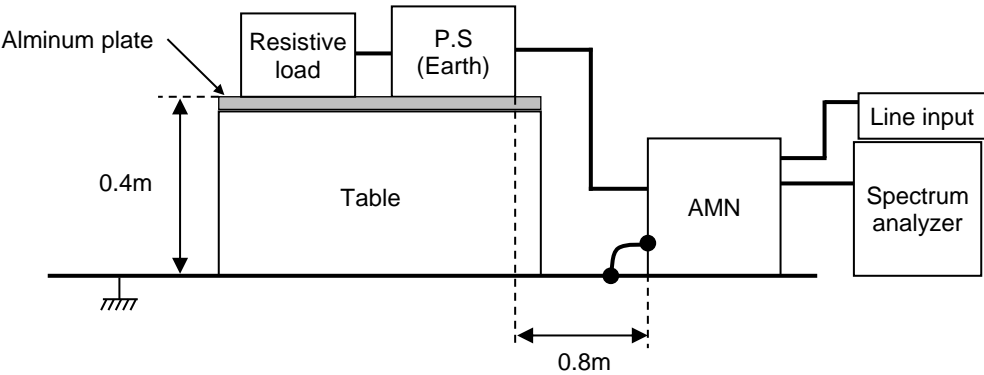
| Frequency | Line | Level | | Limit | | Margin | | Pass/Fail | Remark |
|-----------|------|--------|------|--------|----|--------|------|-----------|--------|
| MHz | | dB(μV) | | dB(μV) | | dB | | | |
| | | QP | AV | QP | AV | QP | AV | | |
| 1.731 | L1 | 43.8 | 43.5 | 73 | 60 | 29.2 | 16.5 | Pass | |
| 15.584 | L1 | 42.6 | 42.2 | 73 | 60 | 30.4 | 17.8 | Pass | |
| 0.433 | N | 53.3 | 53.2 | 79 | 66 | 25.7 | 12.8 | Pass | |



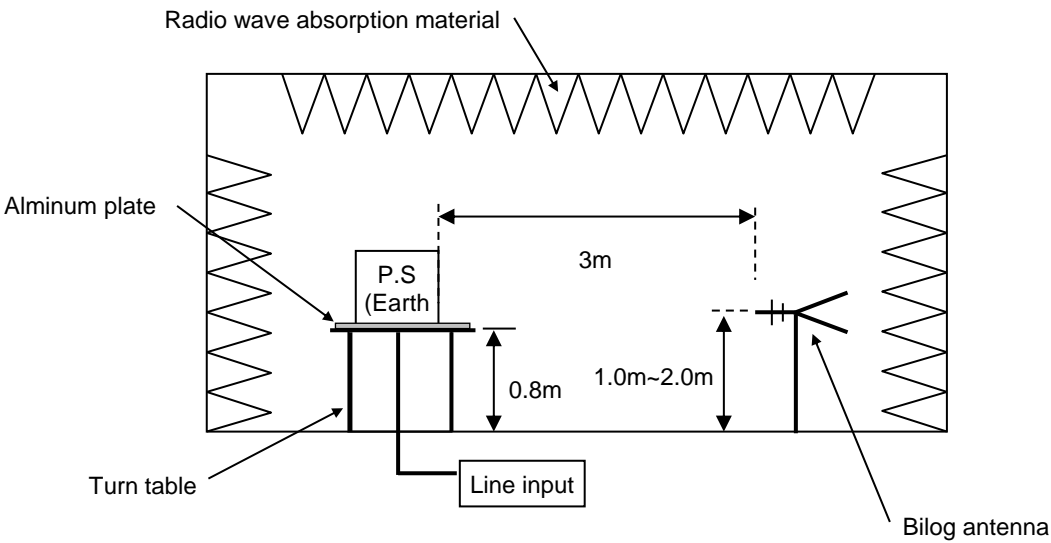
| Frequency MHz | Polarization | Stability | Level | Limit | Margin | Pass/Fail | Height cm | Angle deg | Remark |
|------------------|--------------|-----------|----------------|----------------|----------|-----------|--------------|--------------|--------|
| | | | dB(uV/m) QP | dB(uV/m) QP | dB QP | | | | |
| 63.196 | V | Stable | 40.2 | 50 | 9.8 | Pass | 100 | 168.4 | |
| 175.734 | H | Stable | 32.2 | 50 | 17.8 | Pass | 200 | 110.6 | |
| 318.156 | H | Stable | 34.9 | 57 | 22.1 | Pass | 100.4 | 103.4 | |

| DATA SHEET | | Date | 03-May-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

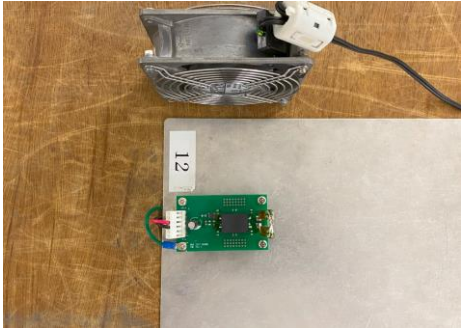
Test : EMI
Model Name: MUS6□□

○Photographs of Test Set-Up

LINE CONDUCTION



RADIATED EMISSION



○Testing circuitry

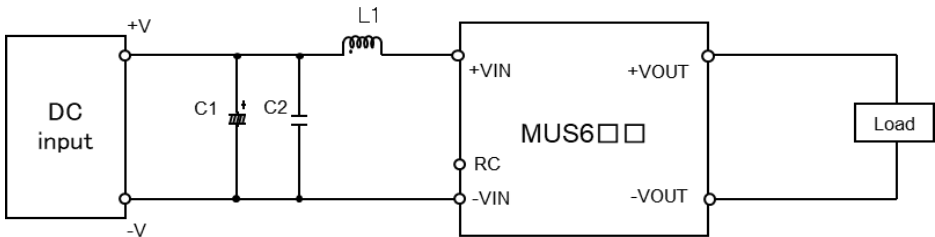


Fig.1 MUS6□□ Testing circuitry

| | | | |
|------|---------|--------------------|---|
| C1 : | MUS605□ | 16V 220 μ F | Electric capacitor (UPWseries NICHICON) |
| | MUS612□ | 50V 100 μ F | Electric capacitor (UPWseries NICHICON) |
| | MUS624□ | — | |
| | MUS648□ | — | |
| C2 : | MUS605□ | 16V 22 μ F | Ceramic capacitor (GRM31CC71C226M MURATA MANUFACTURING) |
| | MUS612□ | 25V 10 μ F | Ceramic capacitor (CM316X7R106K25AT KYOCERA) |
| | MUS624□ | 50V 4.7 μ F | Ceramic capacitor (GRM31CR71H475K MURATA MANUFACTURING) |
| | MUS648□ | 100V 2.2 μ F | Ceramic capacitor (C3216X7S2A225KT TDK) |
| L1 : | MUS605□ | 6500mA 1.5 μ H | Inductor(LQH5BPN1R5N38 MURATA MANUFACTURING) |
| | MUS612□ | 5000mA 2.2 μ H | Inductor(LQH5BPN2R2N38 MURATA MANUFACTURING) |
| | MUS624□ | 2600mA 10 μ H | Inductor(LQH5BPN100M38 MURATA MANUFACTURING) |
| | MUS648□ | 1600mA 22 μ H | Inductor(LQH5BPN220M38 MURATA MANUFACTURING) |