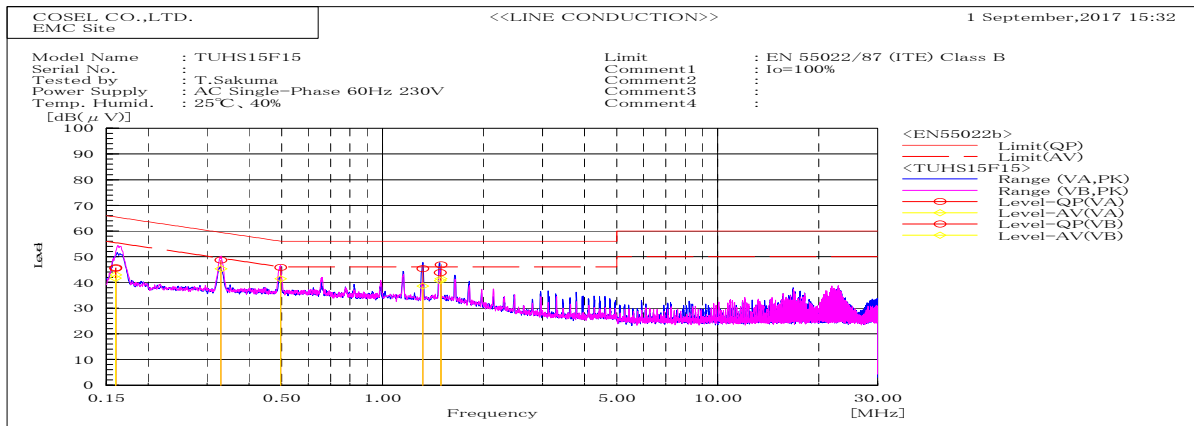
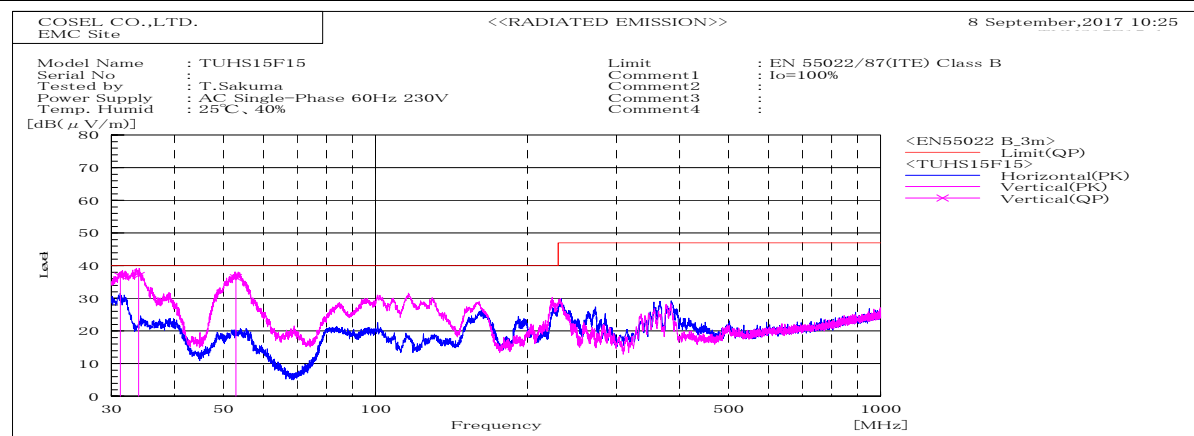


| DATA SHEET | | Date | 13-Sep-17 |
|------------|--|-----------|------------|
| Model | TUHS15F15 | Temp. | 25 degreeC |
| Test | EMI Line conduction & Radiated emission | Humid. | 40 %RH |
| | | Tested by | T.Sakuma |



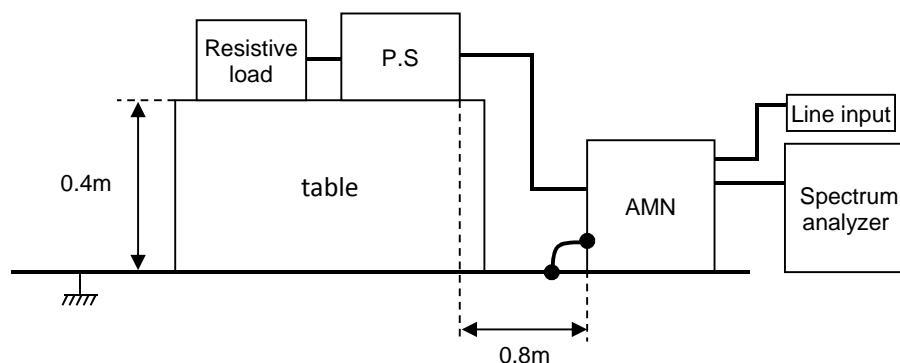
| Frequency MHz | Harm | Line Phase | Reading dB(uV) | | Factor dB | Level dB(uV/m) | | Limit dB(uV/m) | | Margin dB | | Pass/Fail | Remark |
|------------------|------|---------------|-------------------|------|--------------|-------------------|------|-------------------|------|--------------|------|-----------|--------|
| | | | QP | AV | | QP | AV | QP | AV | QP | AV | | |
| 0.16022 | | VA | 24.7 | 22.0 | 21.0 | 45.7 | 43.0 | 65.5 | 55.5 | 19.8 | 12.5 | Pass | |
| 0.15973 | | VB | 24.5 | 20.7 | 21.0 | 45.5 | 41.7 | 65.5 | 55.5 | 20.0 | 13.8 | Pass | |
| 0.32961 | | VB | 27.8 | 24.4 | 20.9 | 48.7 | 45.3 | 59.5 | 49.5 | 10.8 | 4.2 | Pass | |
| 0.49692 | | VB | 25.0 | 20.5 | 20.9 | 45.9 | 41.4 | 56.1 | 46.1 | 10.2 | 4.7 | Pass | |
| 1.31842 | | VA | 24.4 | 17.6 | 21.0 | 45.4 | 38.6 | 56.0 | 46.0 | 10.6 | 7.4 | Pass | |
| 1.49388 | | VA | 25.9 | 20.4 | 21.0 | 46.9 | 41.4 | 56.0 | 46.0 | 9.1 | 4.6 | Pass | |
| 1.4869 | | VB | 22.8 | 19.7 | 21.0 | 43.8 | 40.7 | 56.0 | 46.0 | 12.2 | 5.3 | Pass | |



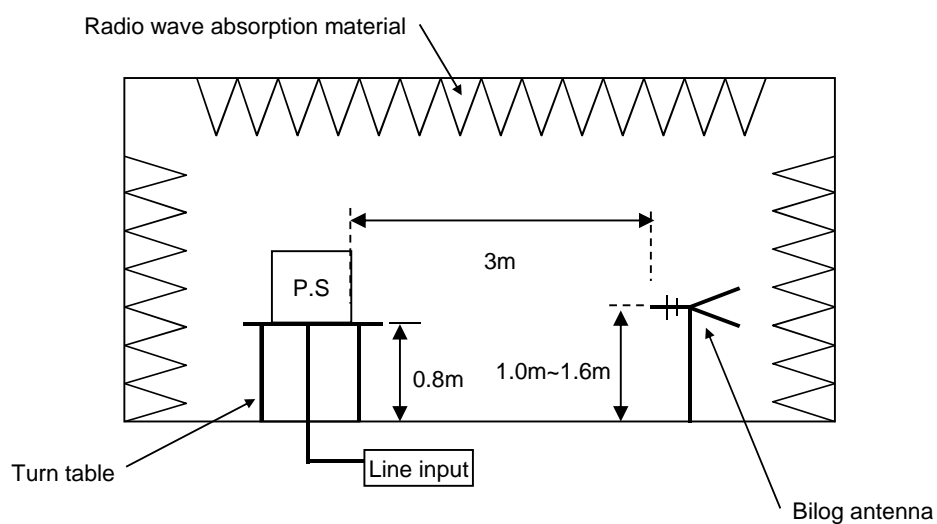
| Frequency MHz | Polarization | Stability | Reading dB(uV) | | Factor dB(1/m) | Level dB(uV/m) | Limit dB(uV/m) | Margin dB | Pass/Fail | Height cm | Angle deg | Remark |
|------------------|--------------|-----------|-------------------|----|-------------------|-------------------|-------------------|--------------|-----------|--------------|--------------|--------|
| | | | QP | AV | | QP | QP | QP | | | | |
| 31.250 | V | Stable | 46.5 | | -9.7 | 36.8 | 40.0 | 3.2 | Pass | 101 | 1 | |
| 33.958 | V | Stable | 46.8 | | -9.8 | 37.0 | 40.0 | 3.0 | Pass | 105 | 49 | |
| 52.892 | V | Stable | 56.9 | | -20.5 | 36.4 | 40.0 | 3.6 | Pass | 119 | 354 | |

| DATA SHEET | | Date | 13-Sep-17 |
|------------|--|-----------|------------|
| Model | Circuit used for measurement | Temp. | 25 degreeC |
| Test | EMI Line conduction & Radiated emission | Humid. | 40 %RH |
| | | Tested by | T.Sakuma |

1. Line conduction



2. Radiated emission



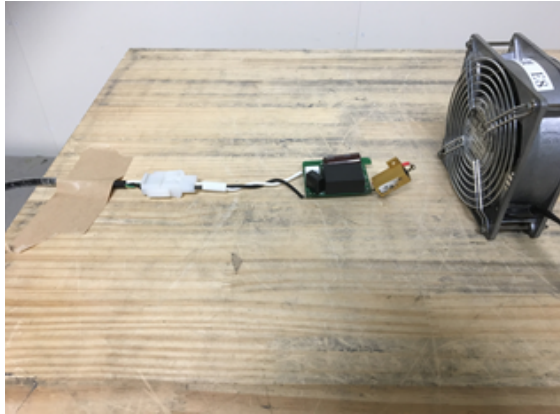
Conditions

Test: EMI

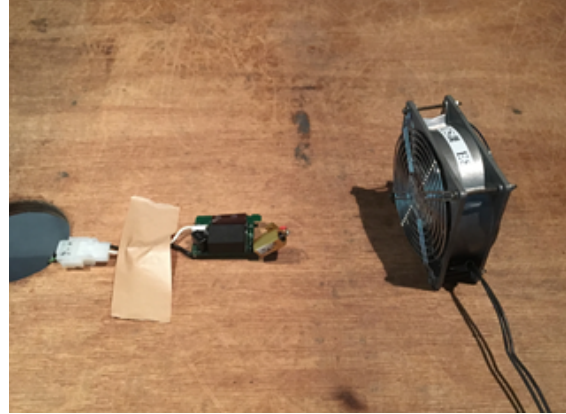
Model Name: TUHS15F15

○ Photographs of Test Set-Up

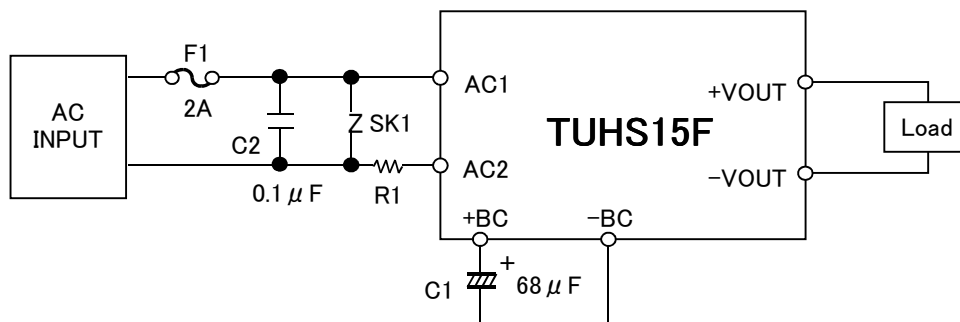
LINE CONDUCTION



RADIATED EMISSION



○ Test circuit



F1: SLT250V2A (Nippon Seisen)

R1: CW3CJ (KOA)

SK1: S10K385E2K1 (TDK EPCOS)

2A

10 Ω

Fig.1 Testing circuitry