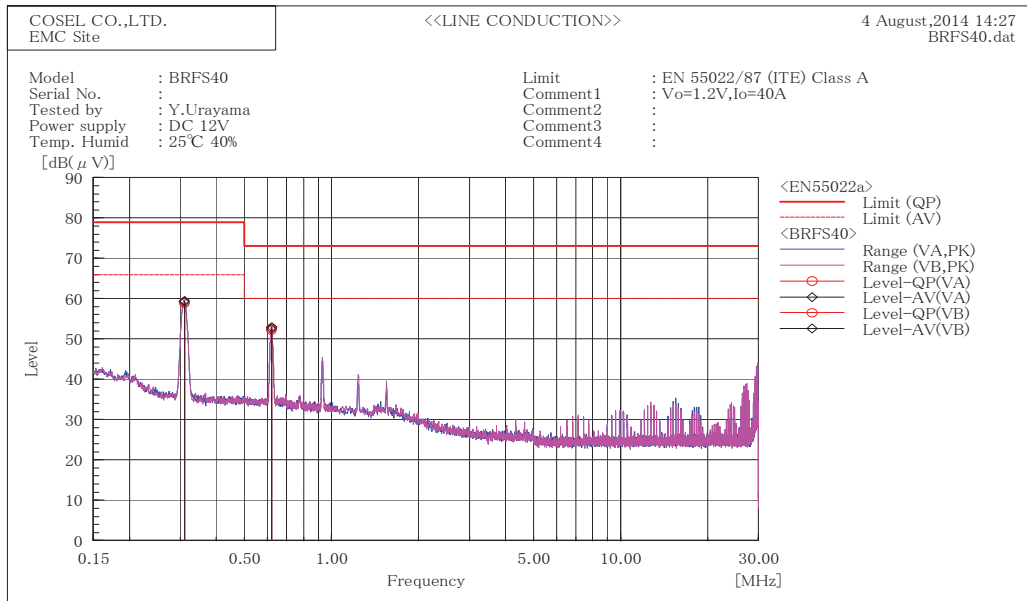
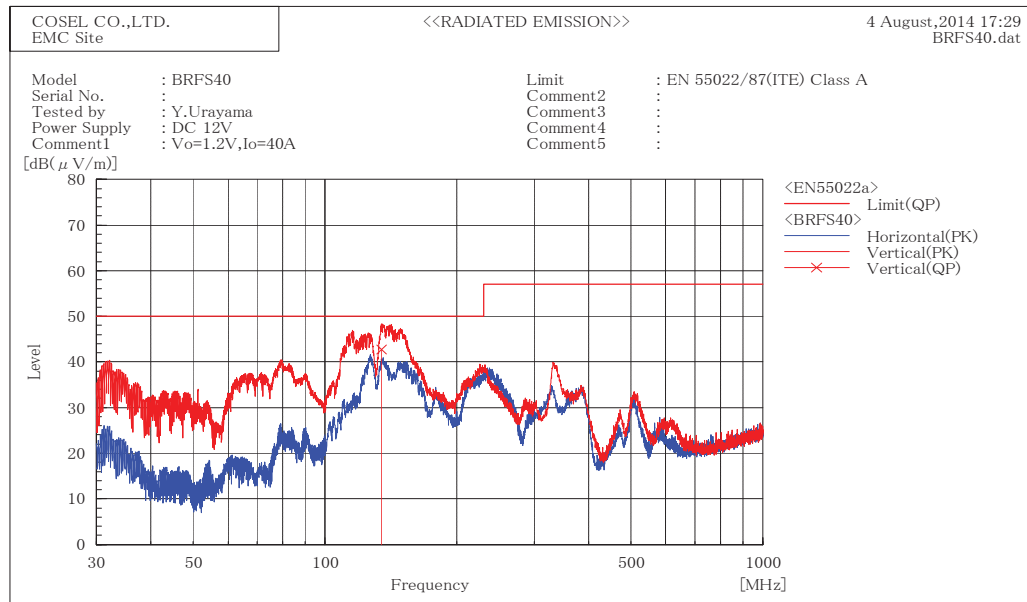


| DATA SHEET | | Date | 24-Aug-14 |
|------------|--|-----------|------------|
| Model | BRFS40 | Temp. | 25 degreeC |
| Test | EMI Line conduction & Radiated emission | Humid. | 40 %RH |
| | | Tested by | Y.Urayama |



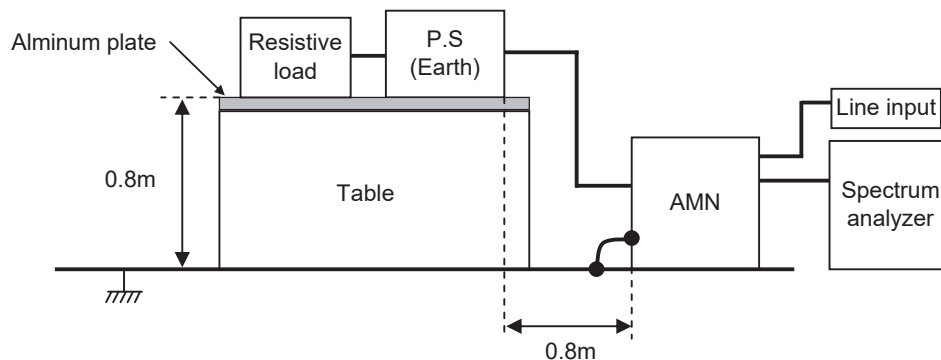
| Frequency MHz | Line Phase | Reading dB(μV) | | Factor dB | Level dB(μV) | | Limit dB(μV) | | Margin dB | | Pass/ Fail | Remark |
|------------------|---------------|-------------------|------|--------------|-----------------|------|-----------------|----|--------------|-----|---------------|--------|
| | | QP | AV | | QP | AV | QP | AV | QP | AV | | |
| 0.30937 | VA | 38.8 | 39.1 | 20.1 | 58.9 | 59.2 | 79 | 66 | 20.1 | 6.8 | Pass | |
| 0.30996 | VB | 39 | 39.3 | 20.1 | 59.1 | 59.4 | 79 | 66 | 19.9 | 6.6 | Pass | |
| 0.61991 | VA | 32.2 | 32.4 | 20.1 | 52.3 | 52.5 | 73 | 60 | 20.7 | 7.5 | Pass | |
| 0.62005 | VB | 32.6 | 32.7 | 20.1 | 52.7 | 52.8 | 73 | 60 | 20.3 | 7.2 | Pass | |



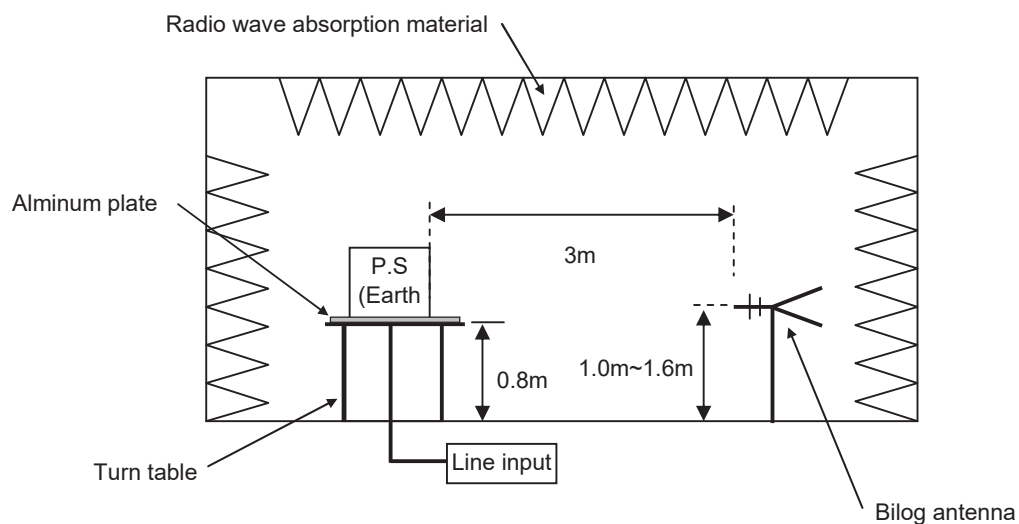
| Frequency MHz | Polarization | Stability | Reading dB(μV) | Space Loss dB | Level dB(mW) | Limit dB(mW) | Margin dB | Pass/ Fail | Height cm | Angle deg | Remark |
|------------------|--------------|-----------|-------------------|---------------------|-----------------|-----------------|--------------|---------------|--------------|--------------|--------|
| | | | QP | | QP | QP | QP | | | | |
| 30.68 | V | Stable | 60.3 | -17.5 | 42.8 | 50 | 7.2 | Pass | 103 | 51 | |

| DATA SHEET | | Date | 11-Aug-14 |
|------------|--|-----------|------------|
| Model | Circuit used for measurement | Temp. | 25 degreeC |
| Test | EMI Line conduction & Radiated emission | Humid. | 40 %RH |
| | | Tested by | Y.Urayama |

1. Line conduction



2. Radiated emission

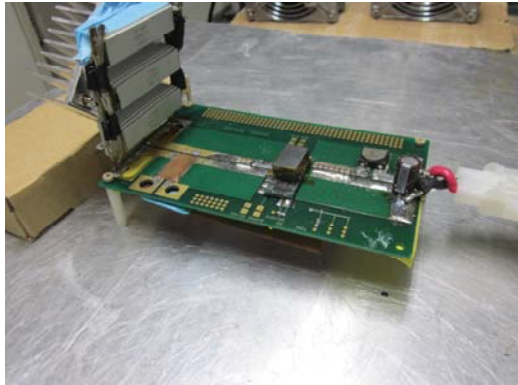


Conditions

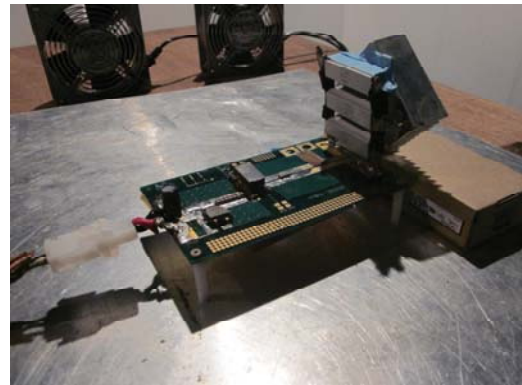
Test : EMI
Model Name : BRFS40

○Photographs of Test Set-Up

LINE CONDUCTION

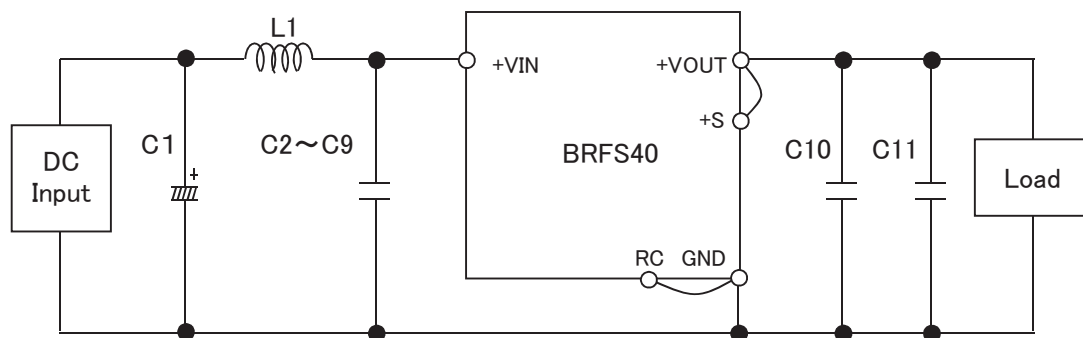


RADIATED EMISSION



○Testing circuitry

○Test Circuit



| | | | |
|----------|---------------|--------------|---------------------------------|
| C1 | : 25V | 470 μ F | Electrolytic capacitor |
| C2~C9 | : 16V | 22 μ F | Ceramic capacitor |
| C10 ,C11 | : 6.3V | 100 μ F | Ceramic capacitor |
| L1 | : 0.3 μ H | ETQP2H0R3BFA | (Panasonic Electronics Devices) |