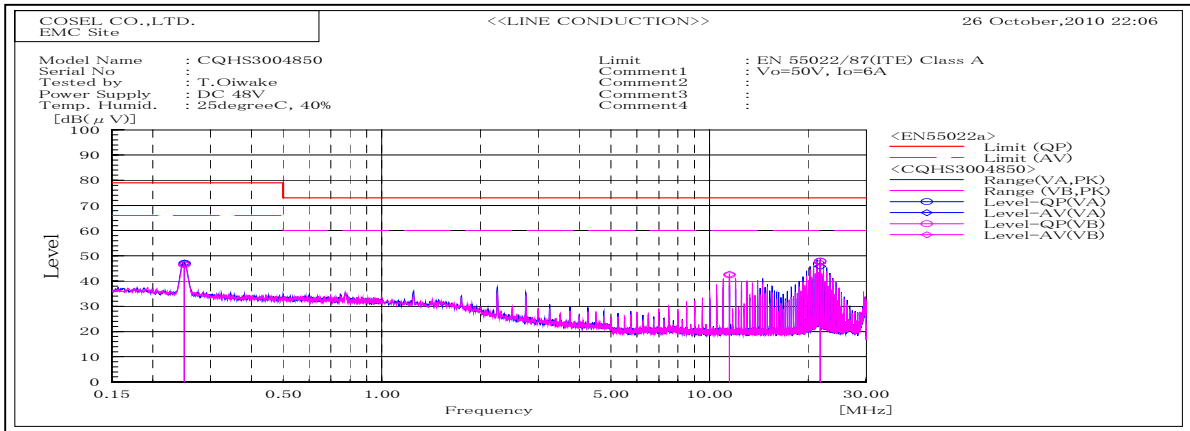
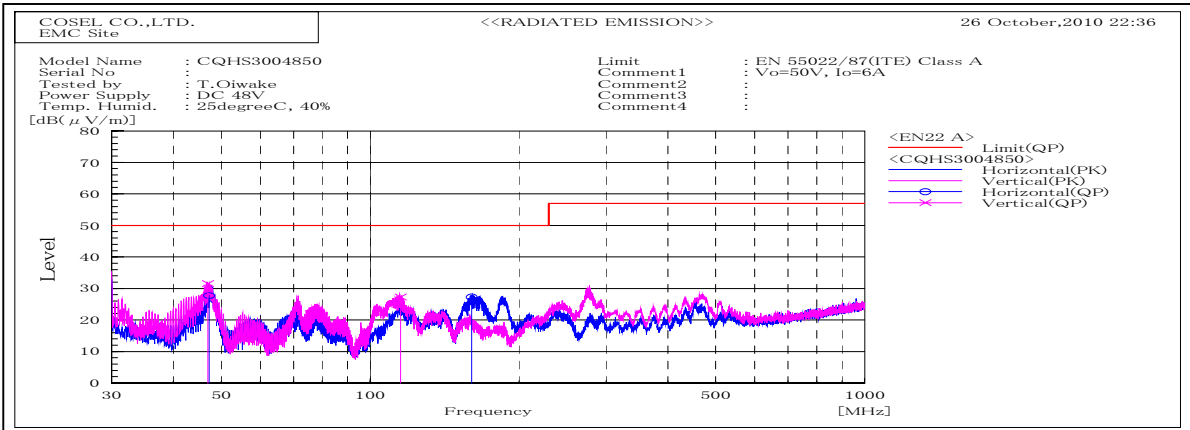


| DATA SHEET |  | Date      | 26-Oct-10  |
|------------|--|-----------|------------|
| Model      | CQHS3004850                                | Temp.     | 25 degreeC |
| Test       | EMI<br>Line conduction & Radiated emission | Humid.    | 40 %RH     |
|            |  | Tested by | T.Oiwake   |



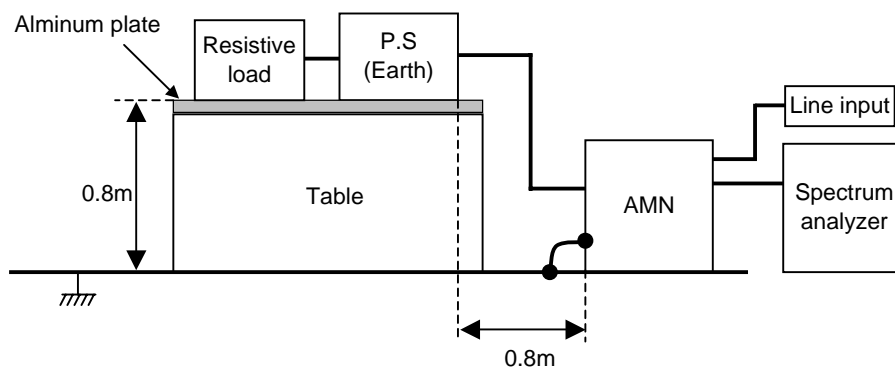
| Frequency<br>MHz | Harm | Line<br>Phase | Reading<br>dB(uV) |      | Factor<br>dB | Level<br>dB(uV) |      | Limit<br>dB(uV) |    | Margin<br>dB |      | Pass/<br>Fail | Remark |
|------------------|------|---------------|-------------------|------|--------------|-----------------|------|-----------------|----|--------------|------|---------------|--------|
|                  |      |               | QP                | AV   |              | QP              | AV   | QP              | AV | QP           | AV   |               |        |
| 0.25043          |      | VA            | 37                | 37.1 | 10.1         | 47.1            | 47.2 | 79              | 66 | 31.9         | 18.8 | Pass          |        |
| 0.24981          |      | VB            | 36.3              | 36.5 | 10.1         | 46.4            | 46.6 | 79              | 66 | 32.6         | 19.4 | Pass          |        |
| 11.5012          |      | VB            | 31.8              | 31.9 | 10.7         | 42.5            | 42.6 | 73              | 60 | 30.5         | 17.4 | Pass          |        |
| 21.7511          |      | VB            | 36.8              | 36.2 | 11           | 47.8            | 47.2 | 73              | 60 | 25.2         | 12.8 | Pass          |        |
| 21.7453          |      | VA            | 37                | 35   | 10.9         | 47.9            | 45.9 | 73              | 60 | 25.1         | 14.1 | Pass          |        |



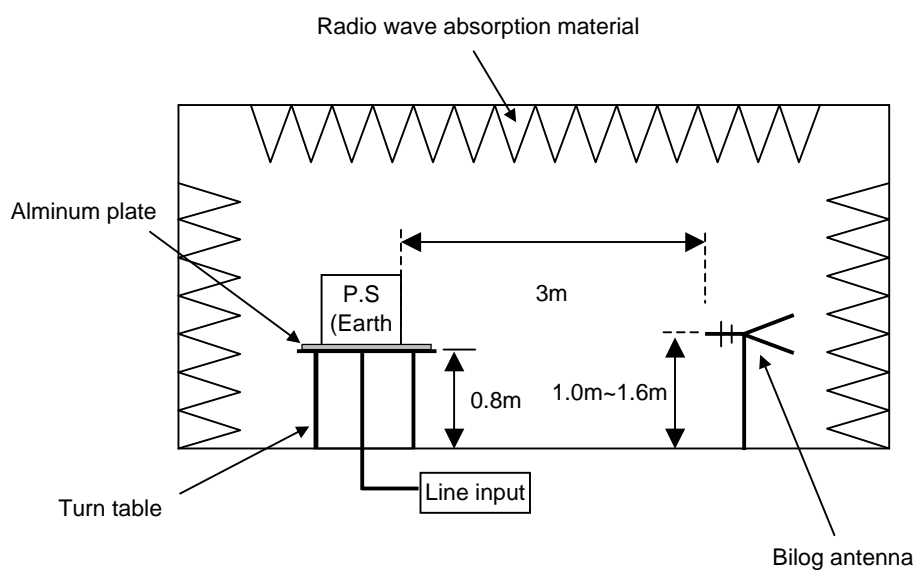
| Frequency<br>MHz | Polarization | Stability | Reading<br>dB(uV) |       | Space<br>Loss<br>dB | Level<br>dB(mW) |    | Margin<br>dB | Pass/Fail | Height<br>cm | Angle<br>deg | Remark |
|------------------|--------------|-----------|-------------------|-------|---------------------|-----------------|----|--------------|-----------|--------------|--------------|--------|
|                  |              |           | QP                | AV    |                     | QP              | AV |              |           |              |              |        |
| 46.981           | V            | Stable    | 53.9              | -22.3 |                     | 31.6            | 50 | 18.4         | Pass      | 156          | 262          |        |
| 47.238           | H            | Stable    | 50.1              | -22.4 |                     | 27.7            | 50 | 22.3         | Pass      | 155          | 354          |        |
| 115.239          | V            | Stable    | 46.9              | -19.6 |                     | 27.3            | 50 | 22.7         | Pass      | 157          | 318          |        |
| 160.491          | H            | Stable    | 48.1              | -20.9 |                     | 27.2            | 50 | 22.8         | Pass      | 154          | 34           |        |

| DATA SHEET |  | Date      | 26-Oct-10  |
|------------|--|-----------|------------|
| Model      | CQHS3004850                                | Temp.     | 25 degreeC |
| Test       | EMI<br>Line conduction & Radiated emission | Humid.    | 40 %RH     |
|            |  | Tested by | T.Oiwake   |

## 1. Line conduction

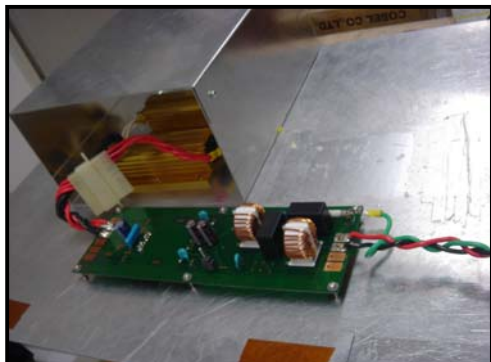


## 2. Radiated emission



Model Name:CQHS300 Series

## LINE CONDUCTION



- L1, L2 : 0.5mH 15A Inductor (SC-15-05J NEC TOKIN)  
C1, C2 : 310V 2.2  $\mu$  F Film capacitor (OKAYA ELEC)  
C3, C4 : 100V 68  $\mu$  F Electlic capacitor (LXV NIPPON CHEMI-CON)  
C5, C6, C7, C8 : 250V 4700pF Ceramic capacitor (Type KY MURATA)  
C9 : CQHS3004832 50V 470  $\mu$  F Electlic capacitor (LXZ NIPPON CHEMI-CON)  
CQHS3004850 80V 330  $\mu$  F Electlic capacitor (KY NIPPON CHEMI-CON)  
C10 : 100V 0.1  $\mu$  F Film capacitor (Nitsuko)