

# DATA SHEET

Model LMA240F-24-Y

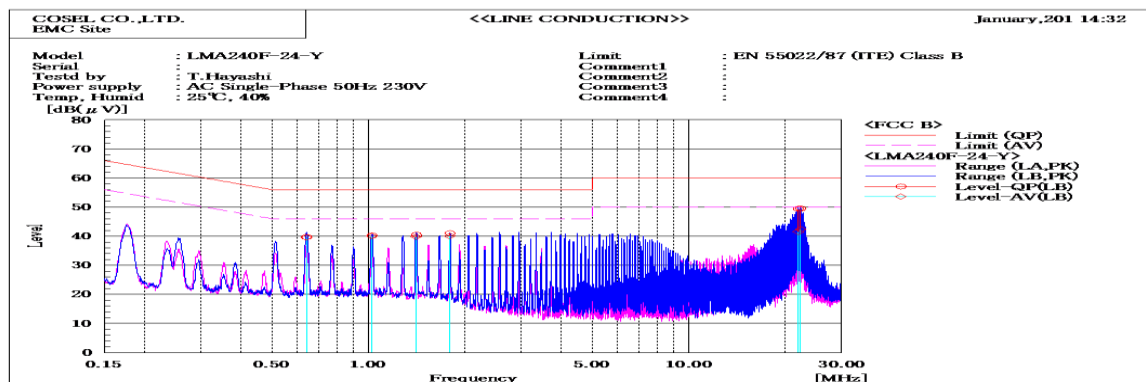
Date 10-Apr-14

Test EMI  
Line conduction & Radiated emission

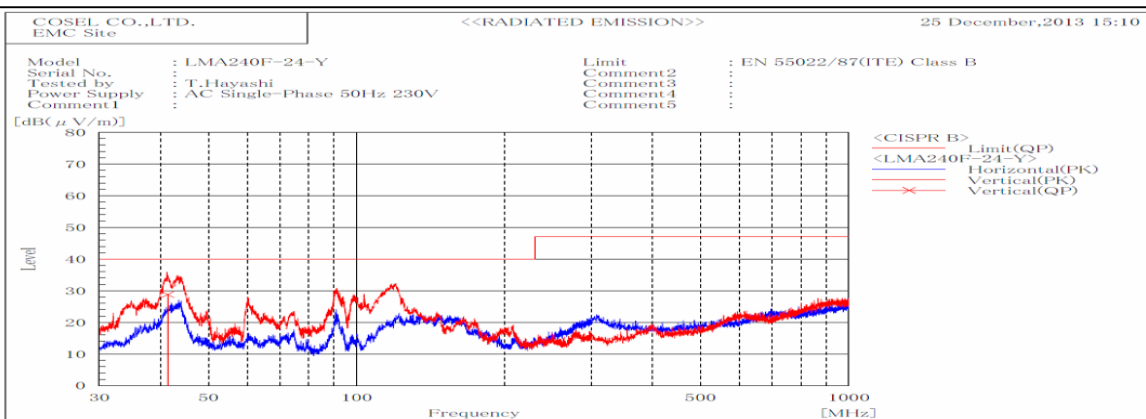
Temp. 25 degreeC

Humid. 40 %RH

Tested by T.Hayashi



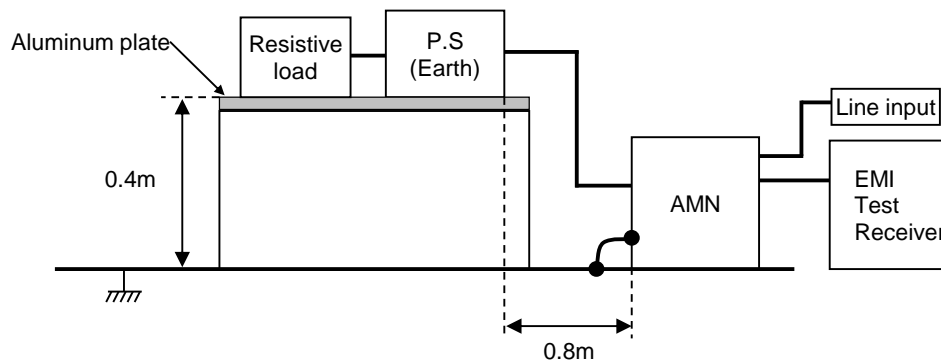
| Frequency<br>MHz | Line<br>Phase | Reading<br>dB(μV) |      | Factor<br>dB | Level<br>dB(μV) |      | Limit<br>dB(μV) |    | Margin<br>dB |     | Pass/<br>Fail | Remark |
|------------------|---------------|-------------------|------|--------------|-----------------|------|-----------------|----|--------------|-----|---------------|--------|
|                  |               | QP                | AV   |              | QP              | AV   | QP              | AV | QP           | AV  |               |        |
| 0.6412           | LB            | 32                | 31.9 | 7.7          | 39.7            | 39.6 | 56              | 46 | 16.3         | 6.4 |               |        |
| 1.02651          | LB            | 32.6              | 32.4 | 7.6          | 40.2            | 40   | 56              | 46 | 15.8         | 6   |               |        |
| 1.41175          | LB            | 33                | 32.3 | 7.5          | 40.5            | 39.8 | 56              | 46 | 15.5         | 6.2 |               |        |
| 1.79933          | LB            | 33.3              | 32.3 | 7.7          | 41              | 40   | 56              | 46 | 15           | 6   |               |        |
| 21.9689          | LB            | 38.3              | 30.4 | 11.1         | 49.4            | 41.5 | 60              | 50 | 10.6         | 8.5 |               |        |
| 22.35815         | LB            | 38.2              | 31.2 | 11.3         | 49.5            | 42.5 | 60              | 50 | 10.5         | 7.5 |               |        |



| Frequency<br>MHz | Polariz<br>ation | Stability | Reading<br>dB(μV) | Space<br>Loss<br>dB | Level<br>dB(m<br>W) | Limit<br>dB(m<br>W) | Margin<br>dB | Pass/<br>Fail | Height<br>cm | Angle<br>deg | Remark |
|------------------|------------------|-----------|-------------------|---------------------|---------------------|---------------------|--------------|---------------|--------------|--------------|--------|
|                  |                  |           | QP                |                     | QP                  | QP                  | QP           |               |              |              |        |
| 41.335           | V                | Stable    | 42.5              | -13.7               | 28.8                | 40                  | 11.2         | Pass          | 99           | 116          |        |

| DATA SHEET |  | Date      | 10-Apr-14  |
|------------|--|-----------|------------|
| Model      | Circuit used for measurement               | Temp.     | 25 degreeC |
| Test       | EMI<br>Line conduction & Radiated emission | Humid.    | 40 %RH     |
|            |  | Tested by | T.Hayashi  |

## 1. Line conduction



## 2. Radiated emission

