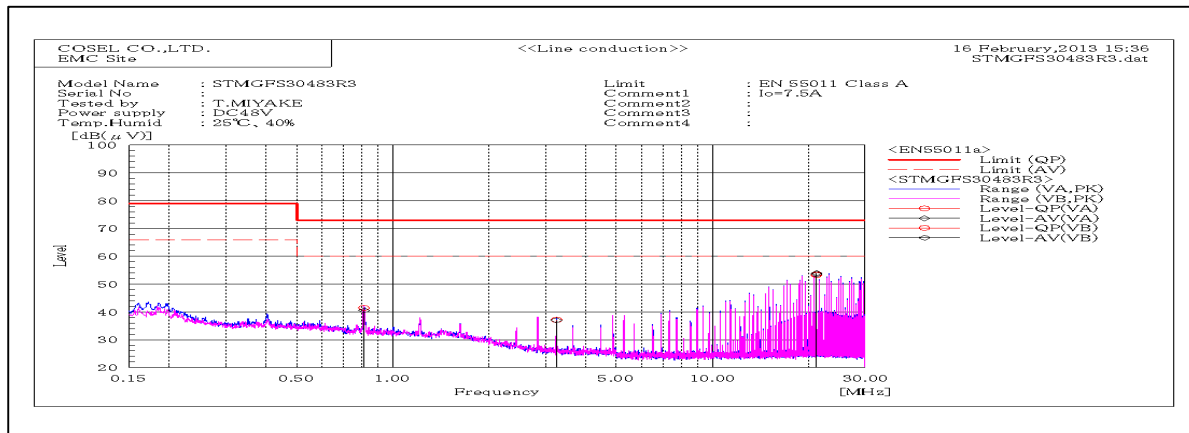
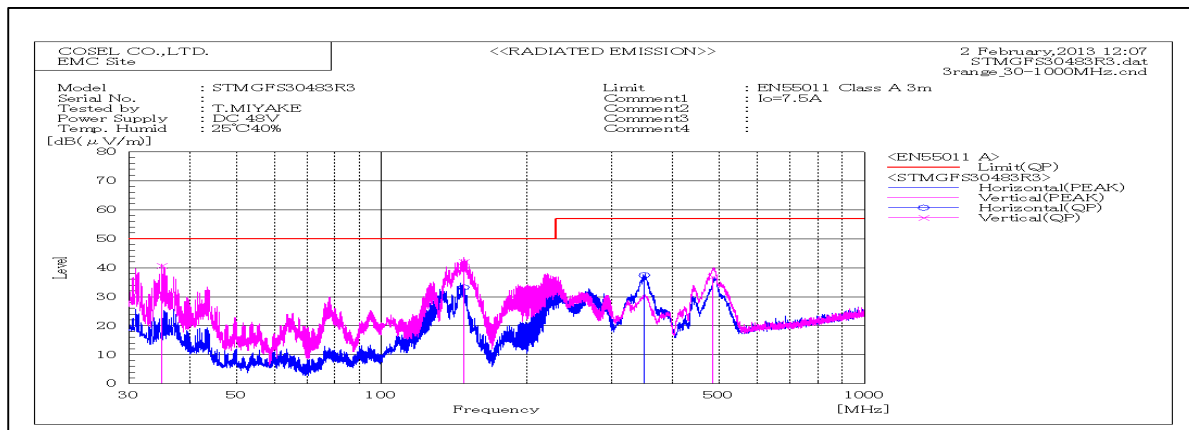


| DATA SHEET |                                            | Date      | 18-Feb-13  |
|------------|--------------------------------------------|-----------|------------|
| Model      | STMGFS30483R3                              | Temp.     | 25 degreeC |
| Test       | EMI<br>Line conduction & Radiated emission | Humid.    | 40 %RH     |
|            |                                            | Tested by | T.Miyake   |



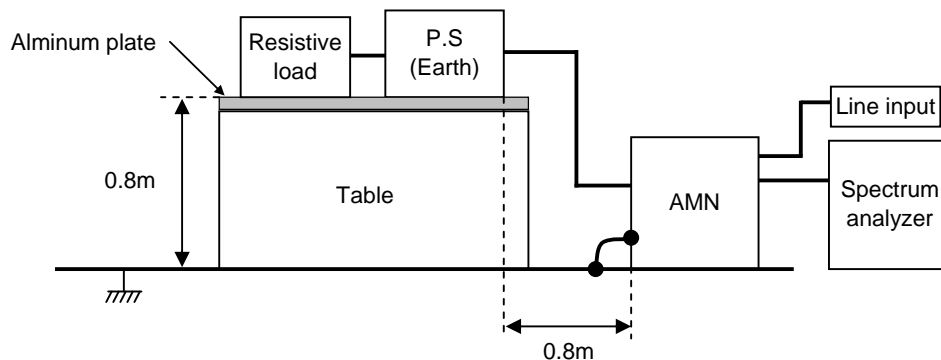
| Frequency<br>MHz | Harm | Line<br>Phase | Reading<br>dB(μV) |      | Factor<br>dB | Level<br>dB(μV) |      | Limit<br>dB(μV) |    | Margin<br>dB |      | Pass/<br>Fail | Remark |
|------------------|------|---------------|-------------------|------|--------------|-----------------|------|-----------------|----|--------------|------|---------------|--------|
|                  |      |               | QP                | AV   |              | QP              | AV   | QP              | AV | QP           | AV   |               |        |
| 0.81325          |      | VB            | 21.4              | 20.4 | 20.1         | 41.5            | 40.5 | 73              | 60 | 31.5         | 19.5 | Pass          |        |
| 3.25211          |      | VA            | 16.8              | 16.6 | 20.4         | 37.2            | 37   | 73              | 60 | 35.8         | 23   | Pass          |        |
| 21.13695         |      | VB            | 32.1              | 32.4 | 21.2         | 53.3            | 53.6 | 73              | 60 | 19.7         | 6.4  | Pass          |        |
| 21.13625         |      | VA            | 32.4              | 32.7 | 21.2         | 53.6            | 53.9 | 73              | 60 | 19.4         | 6.1  | Pass          |        |



| Frequency<br>MHz | Polarization | Stability | Reading<br>dB(μV) |    | Space<br>Loss<br>dB | Level<br>dB(mW) | Limit<br>dB(mW) | Margin<br>dB | Pass/Fail | Height<br>cm | Angle<br>deg | Remark |
|------------------|--------------|-----------|-------------------|----|---------------------|-----------------|-----------------|--------------|-----------|--------------|--------------|--------|
|                  |              |           | QP                | AV |                     | QP              | QP              | QP           |           |              |              |        |
| 35.044           | V            | Stable    | 55.5              |    | -14.9               | 40.6            | 50              | 9.4          | Pass      | 102          | 168          |        |
| 147.929          | V            | Stable    | 59.8              |    | -17.8               | 42              | 50              | 8            | Pass      | 110          | 299          |        |
| 147.924          | H            | Stable    | 53.6              |    | -20.3               | 33.3            | 50              | 16.7         | Pass      | 156          | 242          |        |
| 350.054          | H            | Stable    | 50.6              |    | -13.2               | 37.4            | 57              | 19.6         | Pass      | 103          | 84           |        |
| 485.679          | V            | Stable    | 49.3              |    | -12.5               | 36.8            | 57              | 20.2         | Pass      | 135          | 331          |        |

| DATA SHEET |                                            | Date      | 18-Feb-13  |
|------------|--------------------------------------------|-----------|------------|
| Model      | Circuit used for measurement               | Temp.     | 25 degreeC |
| Test       | EMI<br>Line conduction & Radiated emission | Humid.    | 40 %RH     |
|            |                                            | Tested by | T.Miyake   |

## 1. Line conduction



## 2. Radiated emission

