



STMGFS15/STMGF15 Series EMI/EMS Test results

Approved : *Takahiro Yoneda*

Takahiro Yoneda

Prepared : *Satoshi Kinoshita*

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| No. | Test item | Conditions | Conditions of Acceptability | Result |
|-----|--|---|--|--------|
| 1 | Line conduction | (1) Rated input (2) Rated load (3) Ambient temp. 25±10°C | (1)Meets the undermentioned standard. FCC Part15 classA , VCCI classA CISPR11 classA , EN55011-A | OK |
| 2 | Radiated emission | (1) Rated input (2) Rated load (3) Ambient temp. 25±10°C | (1)Meets the under mentioned standard. FCC Part15 classA , VCCI classA CISPR11 classA , EN55011-A | OK |
| 3 | Static electricity immunity test (EN61000-4-2) | (1) Rated input (2) Rated load (3) Ambient temp. 25±10°C (4) Contact discharge voltage 8[kV] (EN61000-4-2 Level 4) | (1)No protection circuit failure. (2)No output voltage drop with control circuit failure. (3)No any other function failure. | OK |
| 4 | Radiated, radio-frequency, electromagnetic field immunity test (EN61000-4-3) | (1) Rated input (2) Rated load (3) Ambient temp. 25±10°C (4)Testing field strength 10[V/m] (EN61000-4-3 Level 3) | (1)No protection circuit failure. (2)No output voltage drop with control circuit failure. (3)No any other function failure. | OK |
| 5 | Electrical fast transient/ burst immunity test (EN61000-4-4) | (1) Rated input (2) Rated load (3) Ambient temp. 25±10°C (4) Test peak voltage 4[kV] (IEC61000-4-4 Level 4) | (1)No protection circuit failure. (2)No output voltage drop with control circuit failure. (3)No any other function failure. | OK |
| 6 | Surge immunity test (EN61000-4-5) | (1) Rated input (2) Rated load (3) Ambient temp. 25±10°C (4) Test voltage Line to line 0.5[kV] (Level 1) Line to earth 2[kV] (Level 3) | (1)The power supply is not stop. (2)Circuit does not malfunction. (3)No abnormality of the insulation destruction etc. (4)Parts are no damaged. | OK |