



# **Conducted Emissions Test Configuration**



## **Conducted Emissions Environmental Conditions**

| Power Supply (to controller) | 120V, 60Hz |
|------------------------------|------------|
| Temperature                  | 19.5°C     |
| Relative Humidity            | 52%        |
| Barometric Pressure          | 1000mb     |

#### **Conducted Emissions Measurement Uncertainties**

| Frequency | $\pm$ 200kHz |
|-----------|--------------|
| Amplitude | $\pm$ 3.0dB  |

The uncertainties stated are calculated in accordance with the requirements of UKAS with a confidence level of 95%.

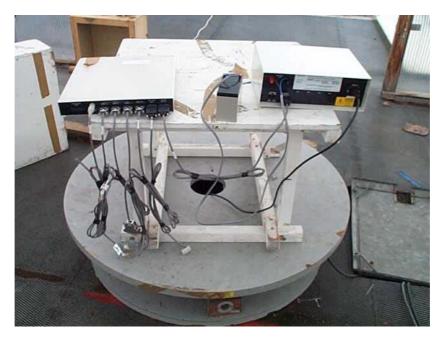
# **Test Equipment Used**

| Equipment Type    | Model Number                |
|-------------------|-----------------------------|
| LISN (50Ω)        | Thurlby Thandar<br>TTi 1600 |
| Chase Receiver    | LHR7000                     |
| Software          | Version 6.00b               |
| SGS Screened Room | -                           |
| Spectrum Analyser | HP8563E                     |
| Check Equip.      | PLC 1C                      |





# **Radiated Emissions Test Configuration**



#### **Radiated Emissions Environmental Conditions**

| Power Supply (to controller) | 120V AC, 60Hz |
|------------------------------|---------------|
| Temperature                  | 9°C           |
| Relative Humidity            | 67%           |
| Barometric Pressure          | 986mb         |

#### **Radiated Emissions Measurement Uncertainties**

| Frequency | ± 200kHz |
|-----------|----------|
| Amplitude | ± 4.6dB  |

The uncertainties stated are calculated in accordance with the requirements of UKAS with a confidence level of 95%.

# **Test Equipment Used**

| Equipment Type       | Model Number         |
|----------------------|----------------------|
| Receiver System      | HP 8573B             |
| Biconical Antenna    | EMCO 3110            |
| Log Periodic Antenna | EMCO 3146            |
| Pre-amplifier        | ZHL 1042J            |
| Check Equip.         | York CNE III         |
| Software             | Open Site<br>HP85879 |



TEST REPORT Page 14 of 14

# **Radiated Emissions Test Configuration**



# **Radiated Emissions Environmental Conditions**

| Power Supply (to controller) | 120V AC, 60Hz |
|------------------------------|---------------|
| Temperature                  | 9.5°C         |
| Relative Humidity            | 63%           |
| Barometric Pressure          | 982mb         |

# **Radiated Emissions Measurement Uncertainties**

| Frequency | ± 200kHz |
|-----------|----------|
| Amplitude | ± 4.6dB  |

The uncertainties stated are calculated in accordance with the requirements of UKAS with a confidence level of 95%.

# **Test Equipment Used**

| Equipment Type    | Model Number |
|-------------------|--------------|
| Loop Antenna      | EMCO 6502    |
| Spectrum Analyser | HP8563E      |