



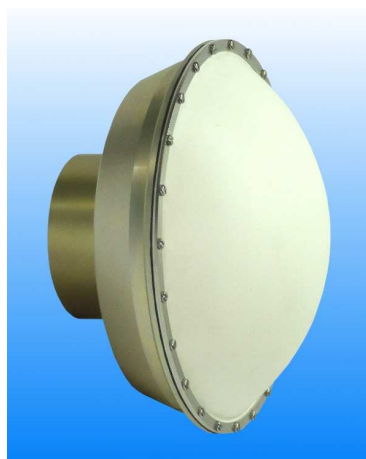
# Dual Linear Polarised Sinuous Antenna

## 0.5 to 3 GHz

Catalogue number: **QSI-DL-0.5-3-S-SG-R**

Q-par reference: **QMS-00360**

Contents: **Summary**  
**Typical Gain**  
**Typical Beamwidth / Patterns**  
**VSWR**  
**Isolation** - *between connectors*

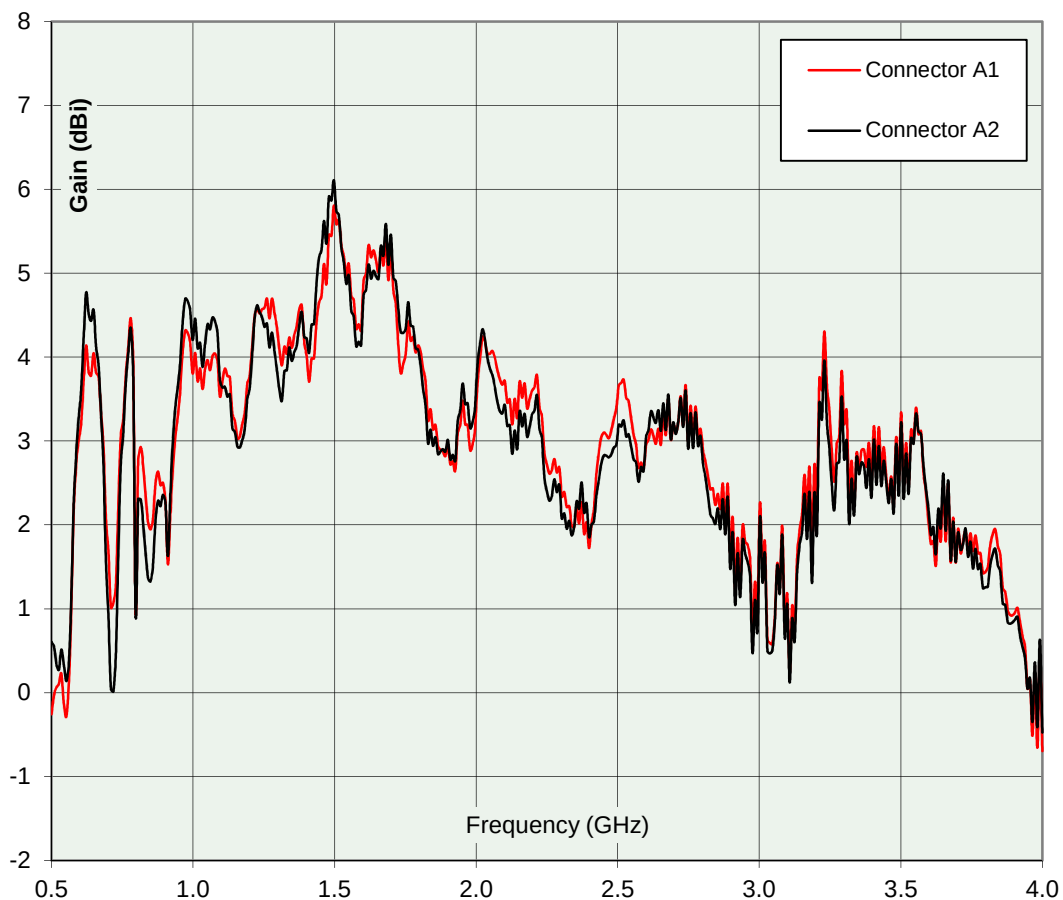


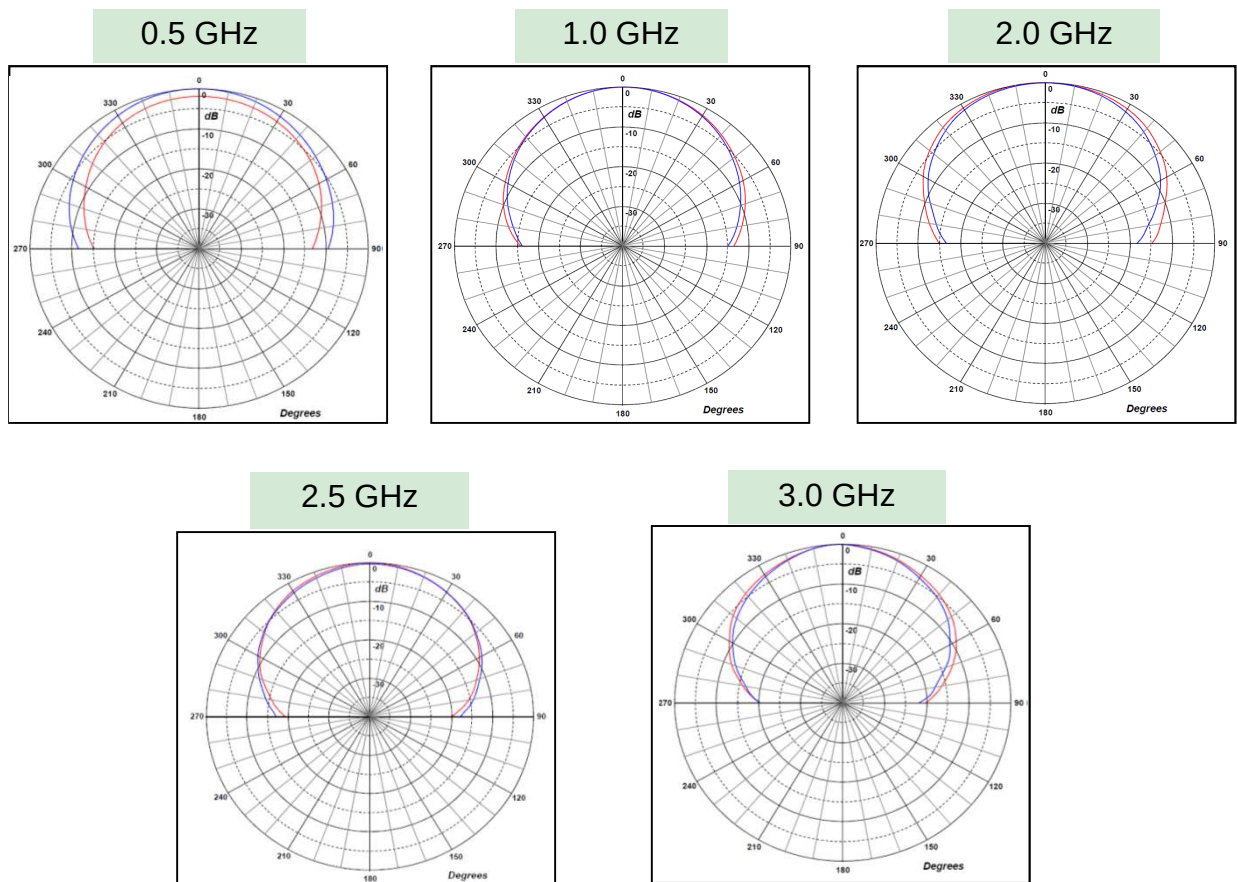
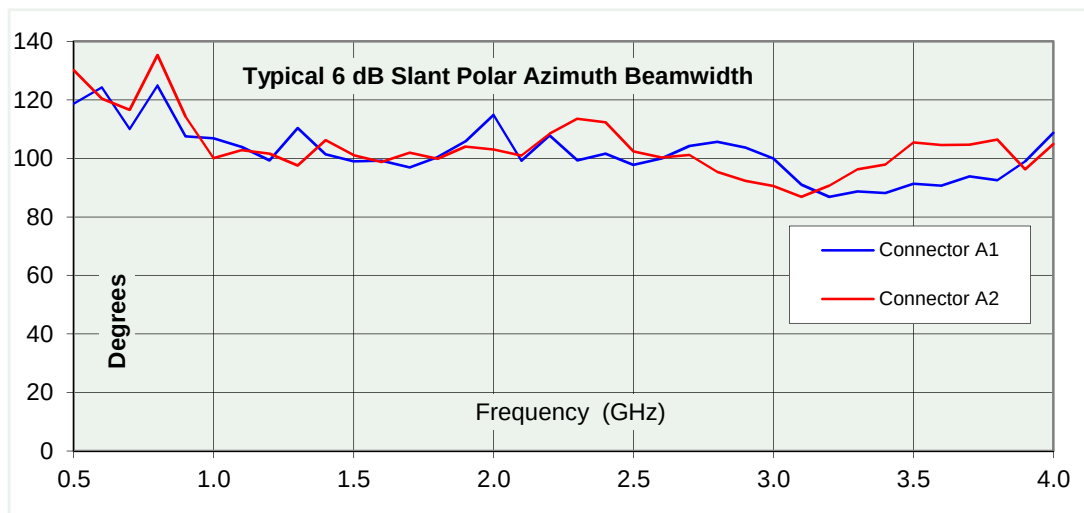
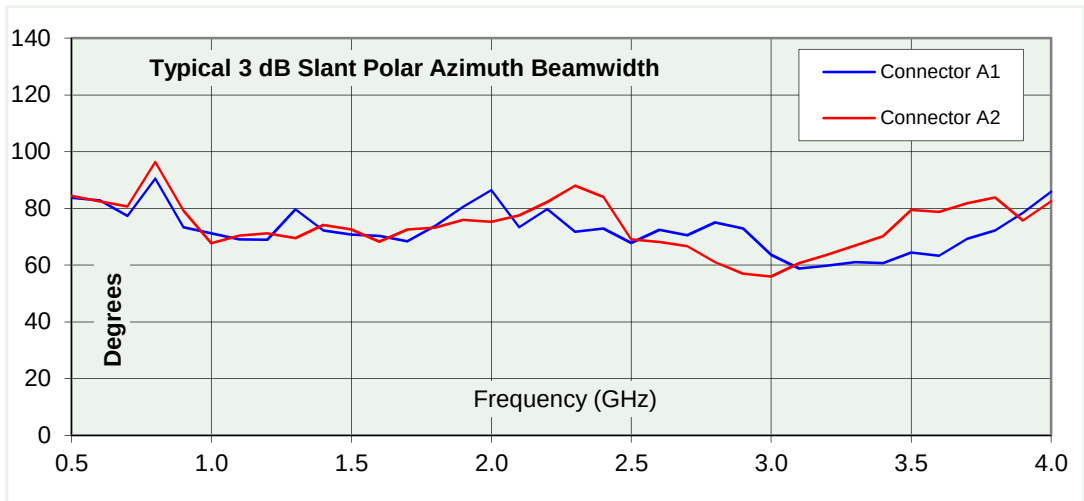
### Typical Specification

|                |                                                 |
|----------------|-------------------------------------------------|
| Frequency      | 0.5 to 3 GHz                                    |
| Connector type | 2 x SMA type jack                               |
| Power Handling | 2 Watt c.w.                                     |
| VSWR           | <4.4:1, 2:1 average                             |
| Gain           | -0.7 to 6 dBi                                   |
| 3dB Beamwidth  | 56 to 96 degrees                                |
| 6dB Beamwidth  | 91 to 135 degrees                               |
| Weight         | 2.06 kg nominal                                 |
| Size- max.     | 290 mm diameter x 185 mm long (inc. connectors) |
| Mounting       | 12 x M4 tapped holes, 117.5 mm p.c.d.           |
| Construction   | Aluminium and engineering plastics. Painted.    |

### Typical Antenna Gain

This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB.





\* Red trace = Connector 1, Blue trace = Connector 2 - Using slant polarised linear source antenna

