

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*



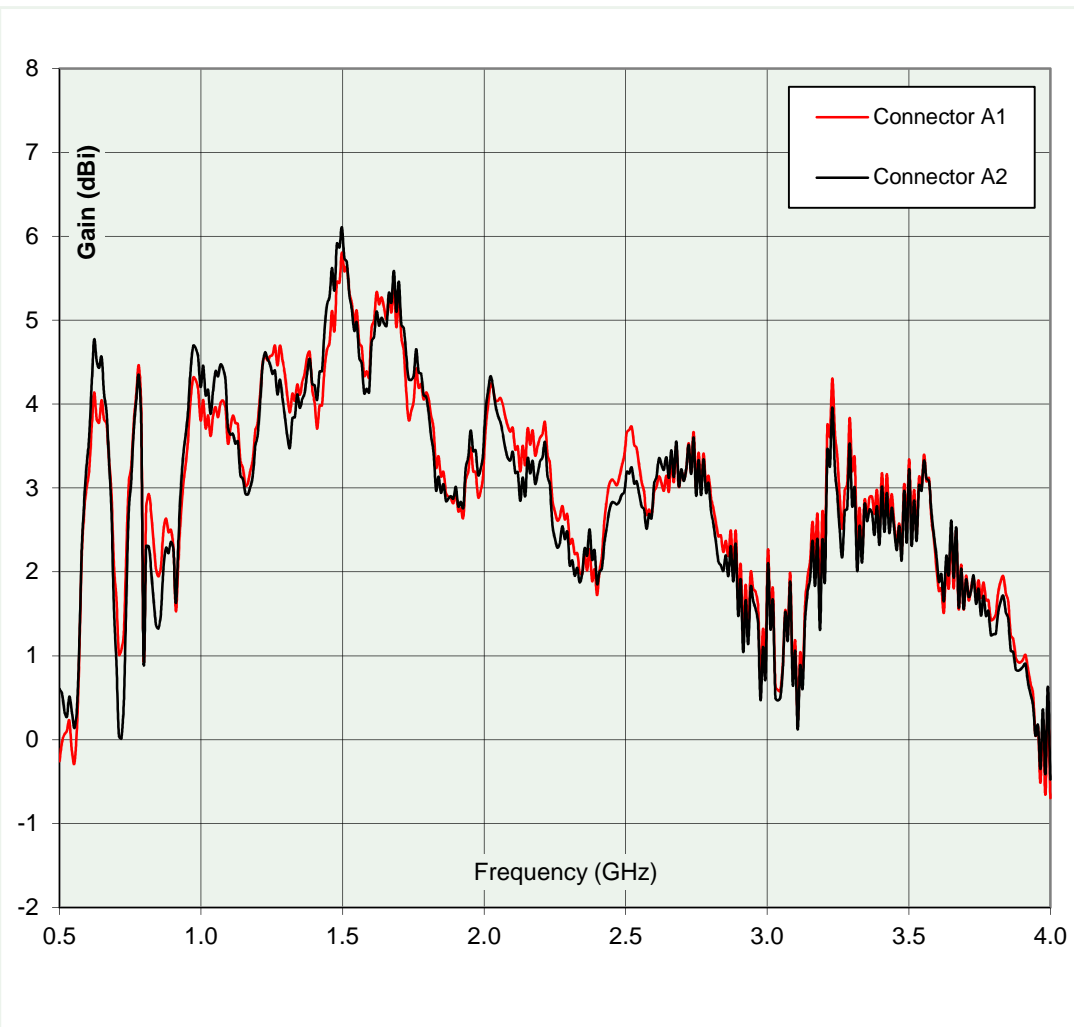
Test Report

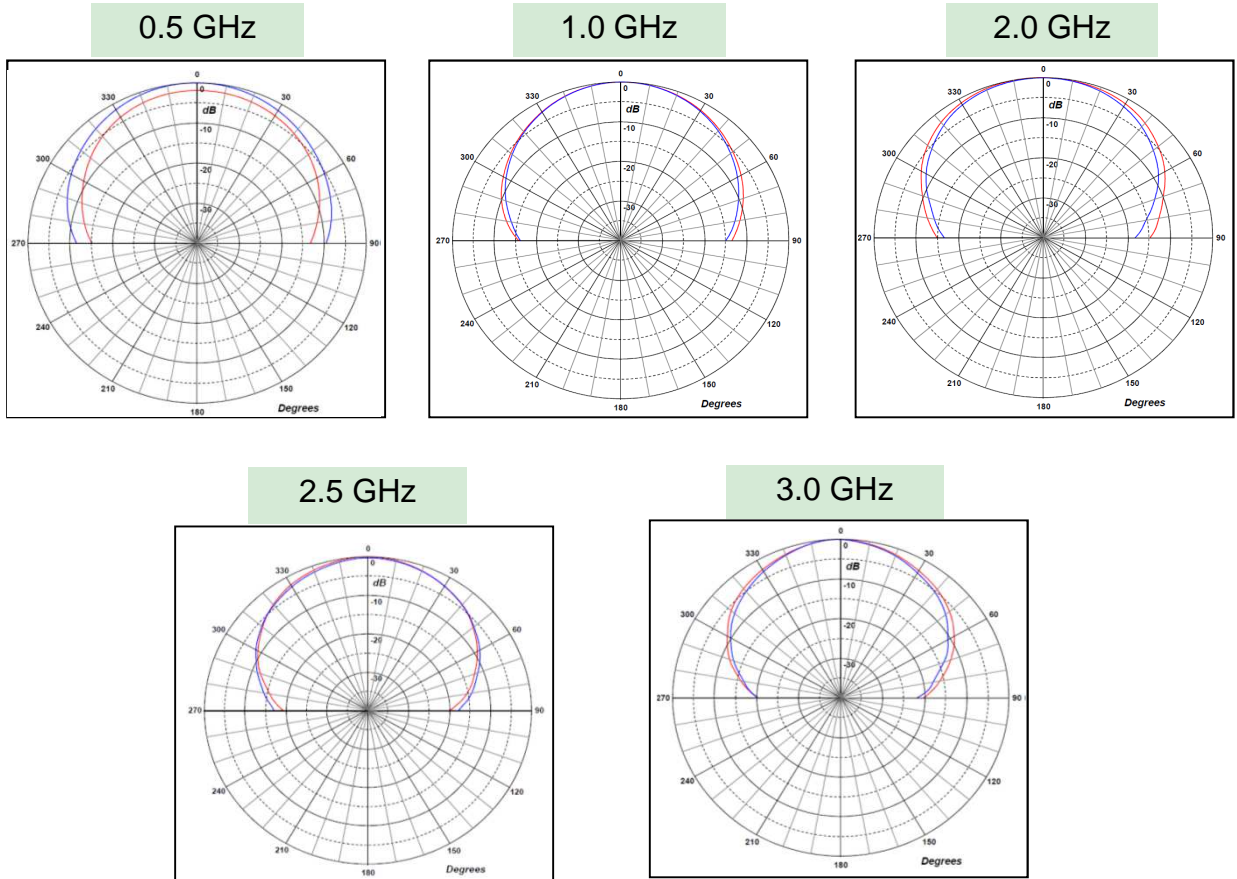
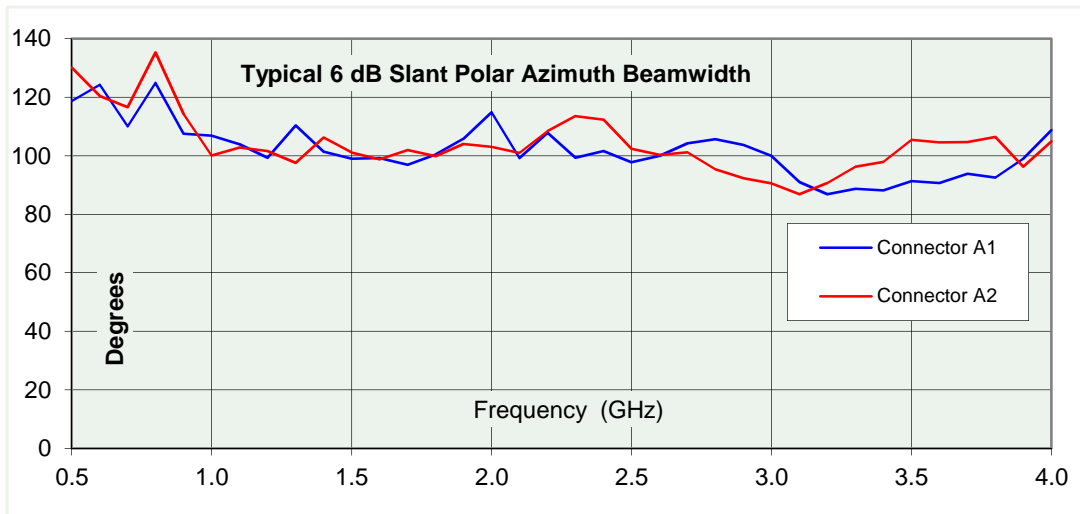
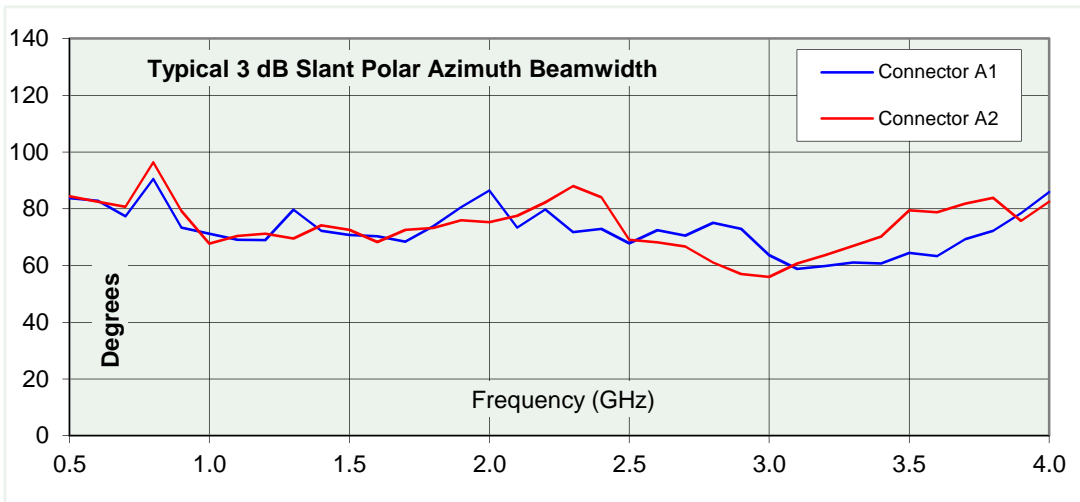
Typical Specification

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