



Dual Linear Polarised Sinuous Antenna

2 to 24 GHz

Catalogue Number: **QSI-DL-2-24-S-SG**

Q-par reference: **QMS-00488**

Contents: **Summary**
Antenna Gain
Beamwidth / Patterns
VSWR

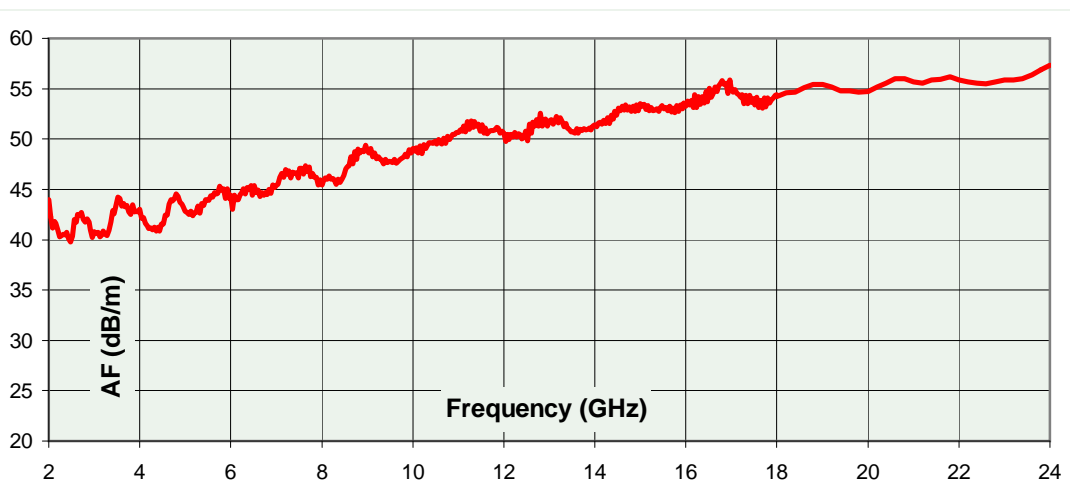
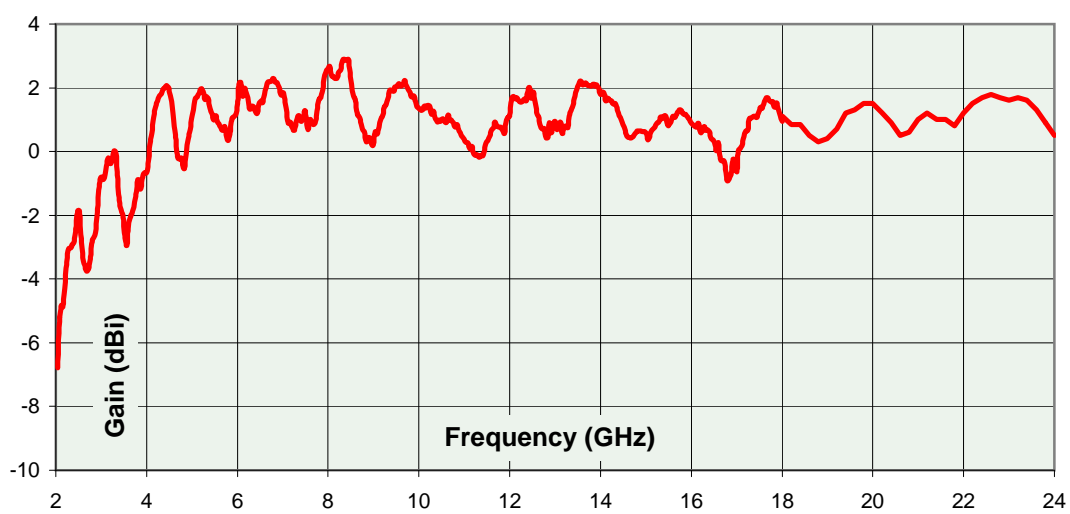


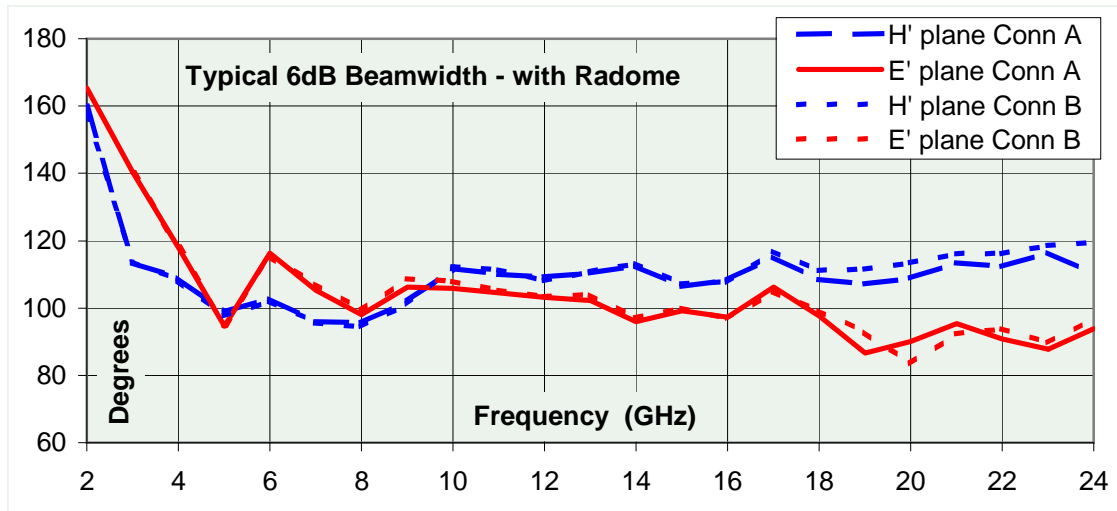
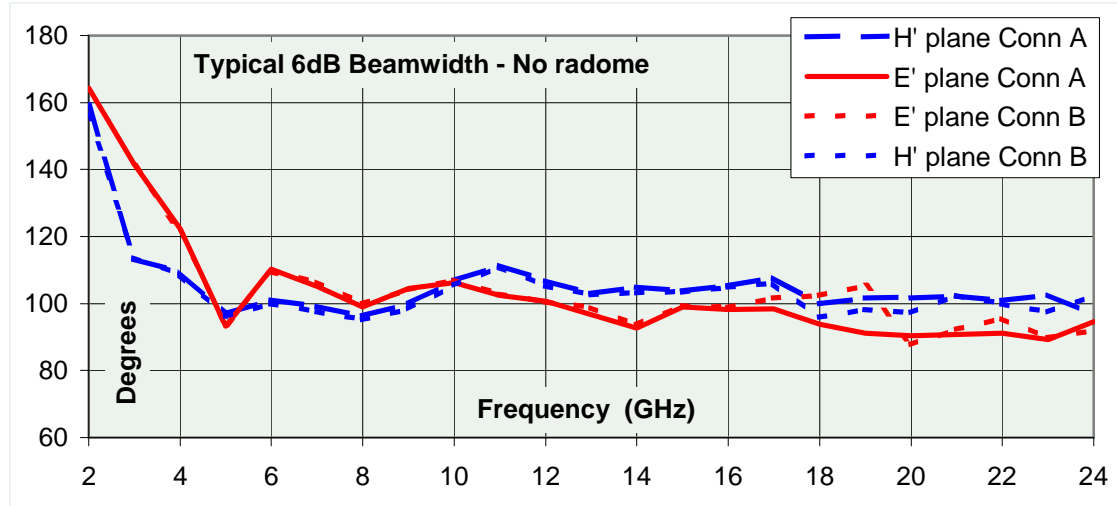
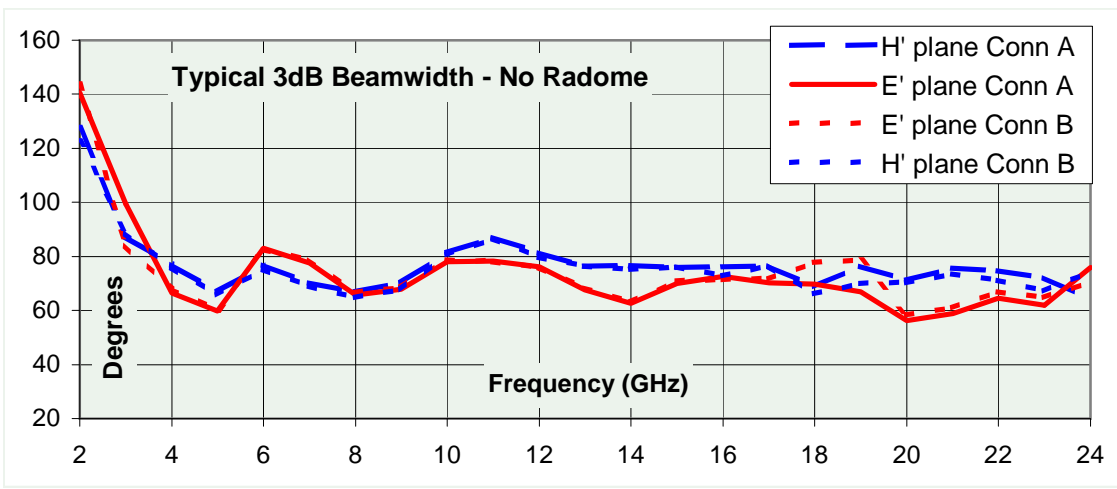
Typical Specification

Frequency	2 to 24 GHz
Connector type	2 x SMA jack
Power Handling	2 Watt c.w.
VSWR	typically < 3 :1, < 2.6 :1 above 9 GHz
Isolation	> 30dB between connectors
Gain	-8 to 3 dBi
Antenna Factor	40 to 57 dB/m
3dB Beamwidth	145 to 60 degrees
6dB Beamwidth	165 to 87 degrees
Weight	240 g
Size- max.	81 mm flange diameter x 51 mm length (with radome)
Mounting	Integral flange
Construction	Alocrom aluminium & engineering plastics

Typical Antenna Gain / Factor

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.





2 GHz

14 GHz

24 GHz

