26 - 40 GHz Vertically Polarised Omnidirectional Antenna fitted with a K type Connector and Radome

Catalogue number **QOM-SL-26-40-K-SG-R**

Steatite reference **QMS-00954**

Contents

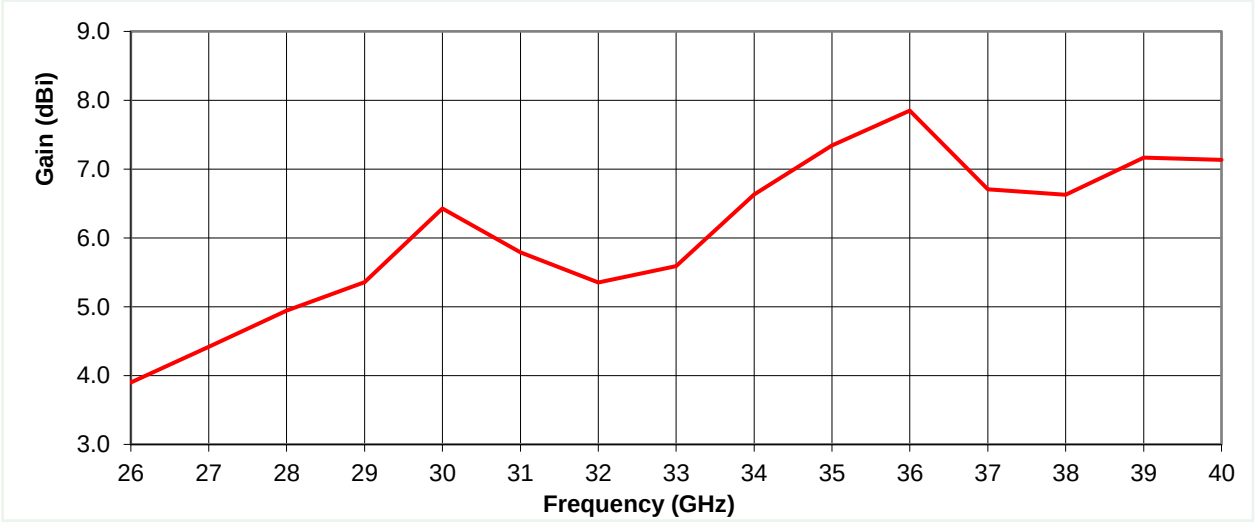
QQD06-2 V7.3 BP 18/03/2019 7745

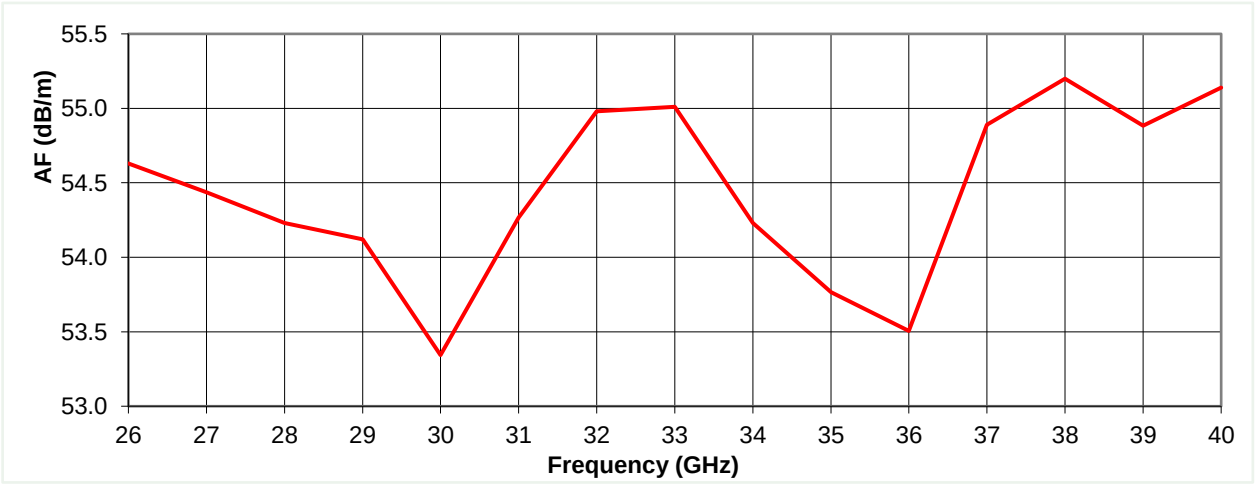
Typical Specification

Frequency	26 to 40 GHz
Connector Type	K type (2.92 mm) jack
Power Handling	10 Watt c.w.
VSWR	< 2.5:1
Gain	3.9 to 7.8 dBi
Antenna Factor	53.3 to 55.2 dB/m
3dB Beamwidth	15 to 360 degrees
10dB Beamwidth	44 to 360 degrees
Weight	30 g nominal
Maximum Size	Ø46mm x 28.4mm total length including connector.
Mounting	3 holes for M3 CSK Screws equispaced on Ø36mm PCD See ICD for more information.
Construction	Aluminium with PTFE radome and stainless steel connector

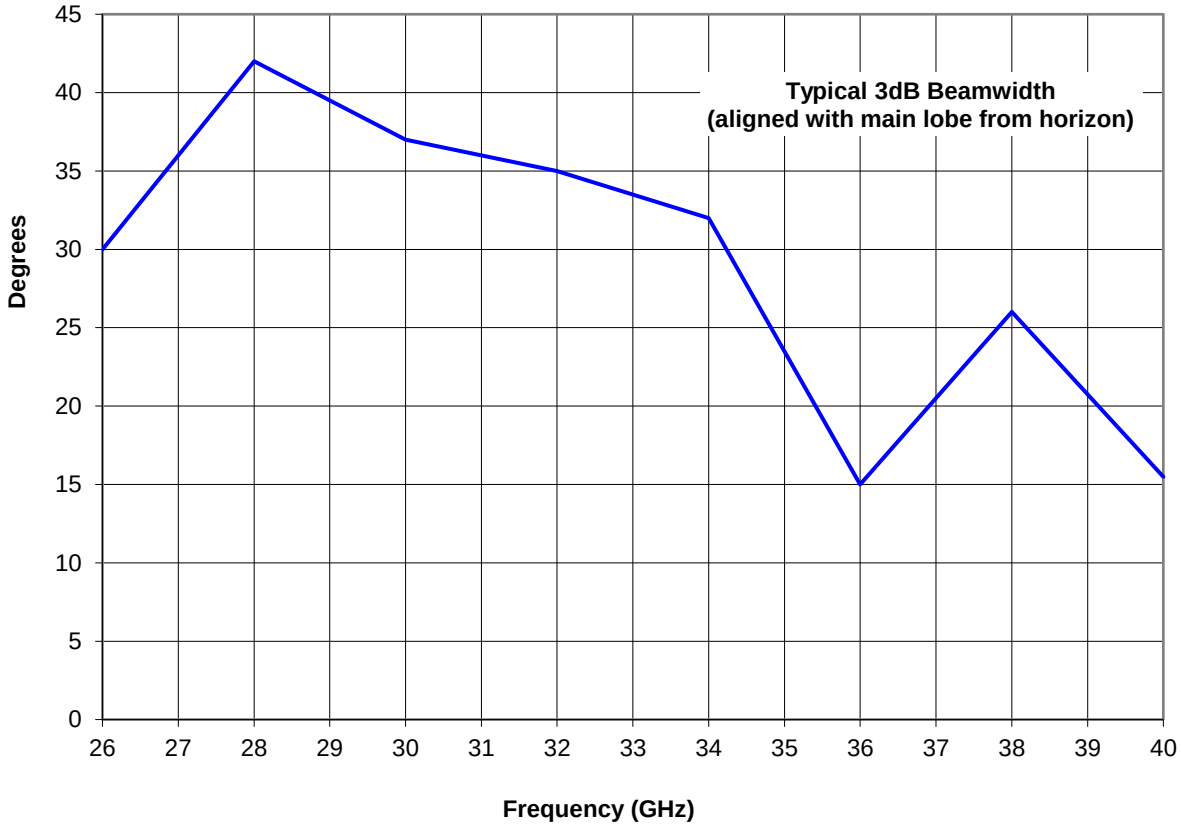
Typical Antenna Gain / Factor

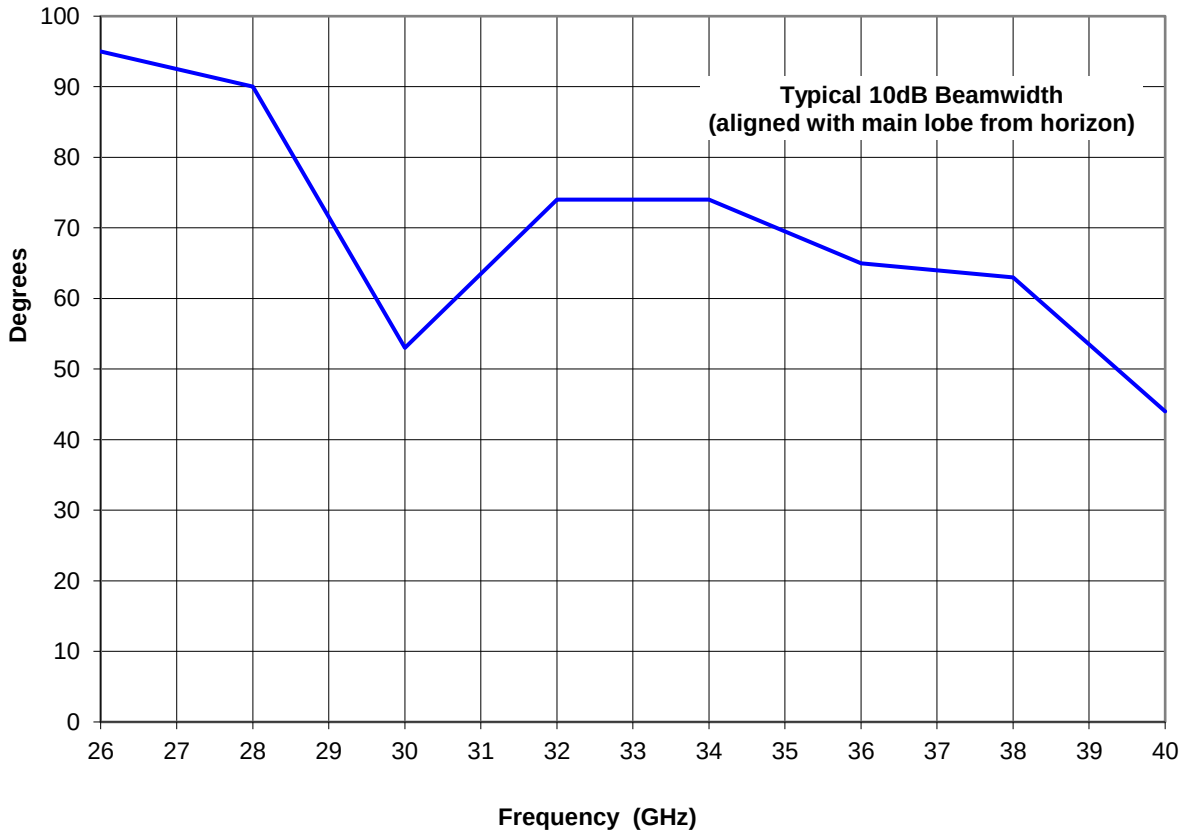
This is calculated by reference to standard gain horn antennas, and cross checked with reference to the antenna beamwidth, with an estimated error of +/- 0.8dB.





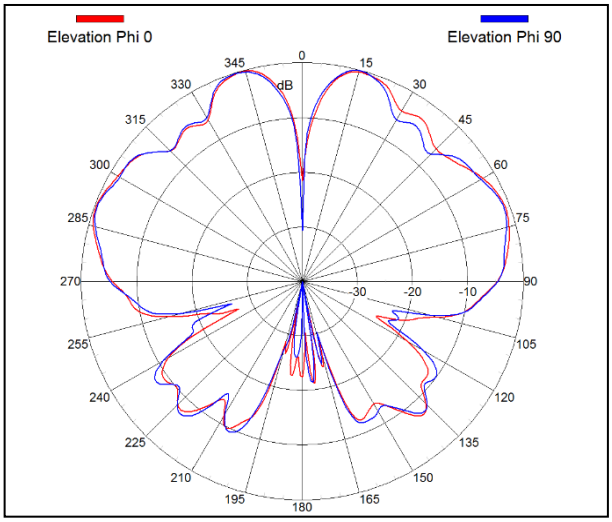
Typical Beamwidth



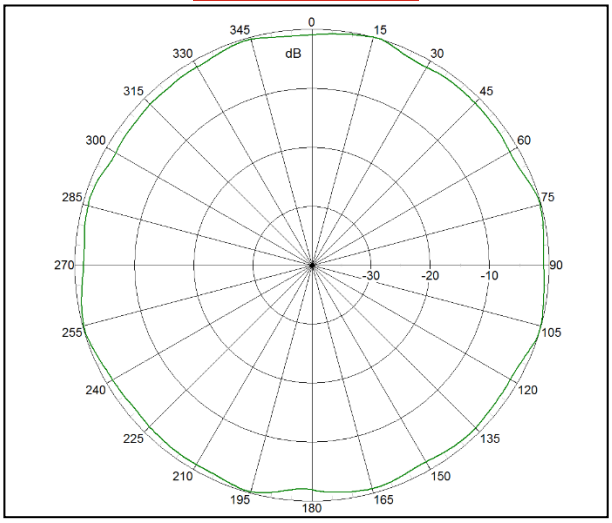


Typical Radiation Patterns

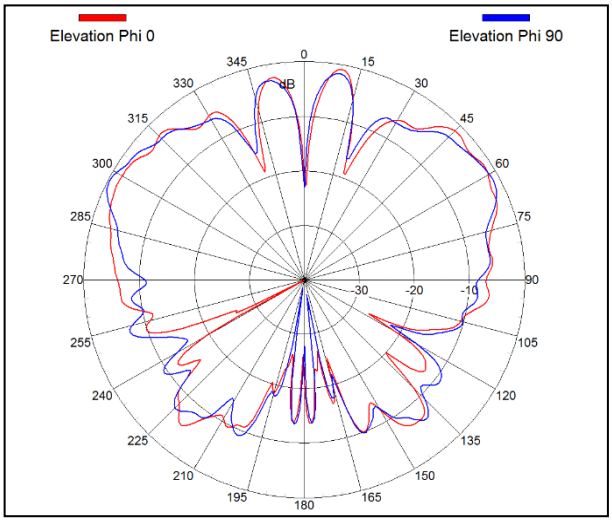
26 GHz Elevation



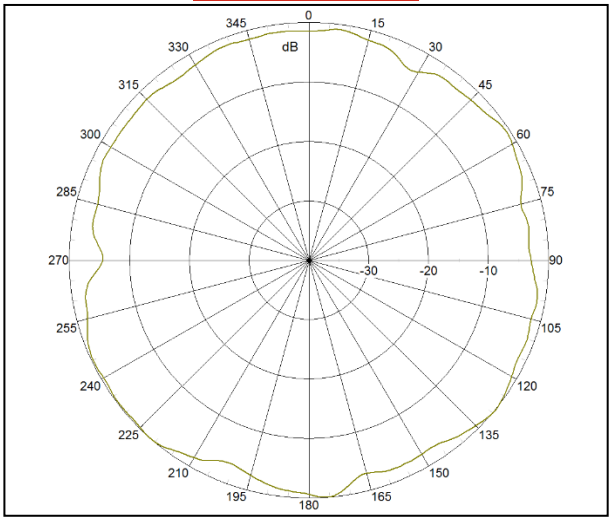
26 GHz Azimuth



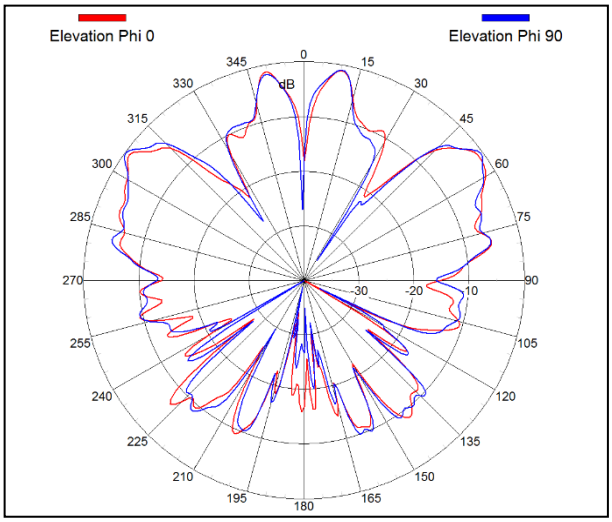
33 GHz Elevation



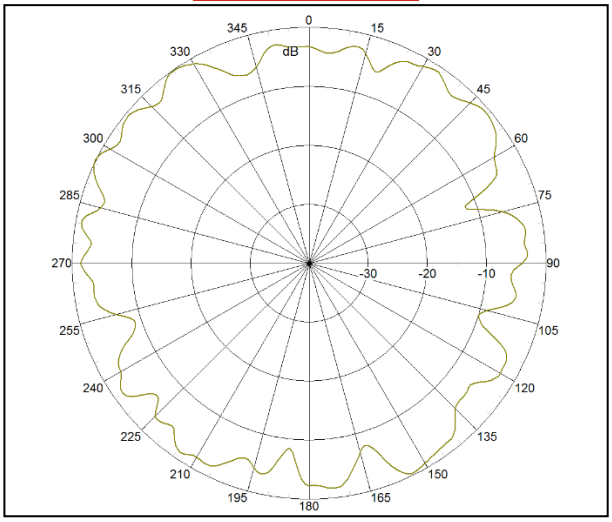
33 GHz Azimuth



40 GHz Elevation



40 GHz Azimuth



STEATITE LIMITED (ANTENNAS)
UNIT 15 CROFT BUSINESS PARK
SOUTHERN AVENUE
LEOMINSTER
HEREFORDSHIRE
HR6 0QF

STEATITE LIMITED (HEADQUARTERS)
RAVENSBANK BUSINESS PARK
ACANTHUS ROAD
REDDITCH
WORCESTERSHIRE
B98 9EX

WWW.STEATITE.COM
A SOLID STATE GROUP COMPANY

Telephone: **+44 (0)1568 617920**
Fax: **+44 (0)1568 612138**
Email: **sales.antennas@steatite.co.uk**