



Standard Gain Horn Antenna

60 to 90 GHz

WG26 R740 WR12

Catalogue number: **QSH-SL-60-90-F-20**

Q-par reference: **QMS-00482**

Contents: **Summary**
Antenna Gain
Beamwidth



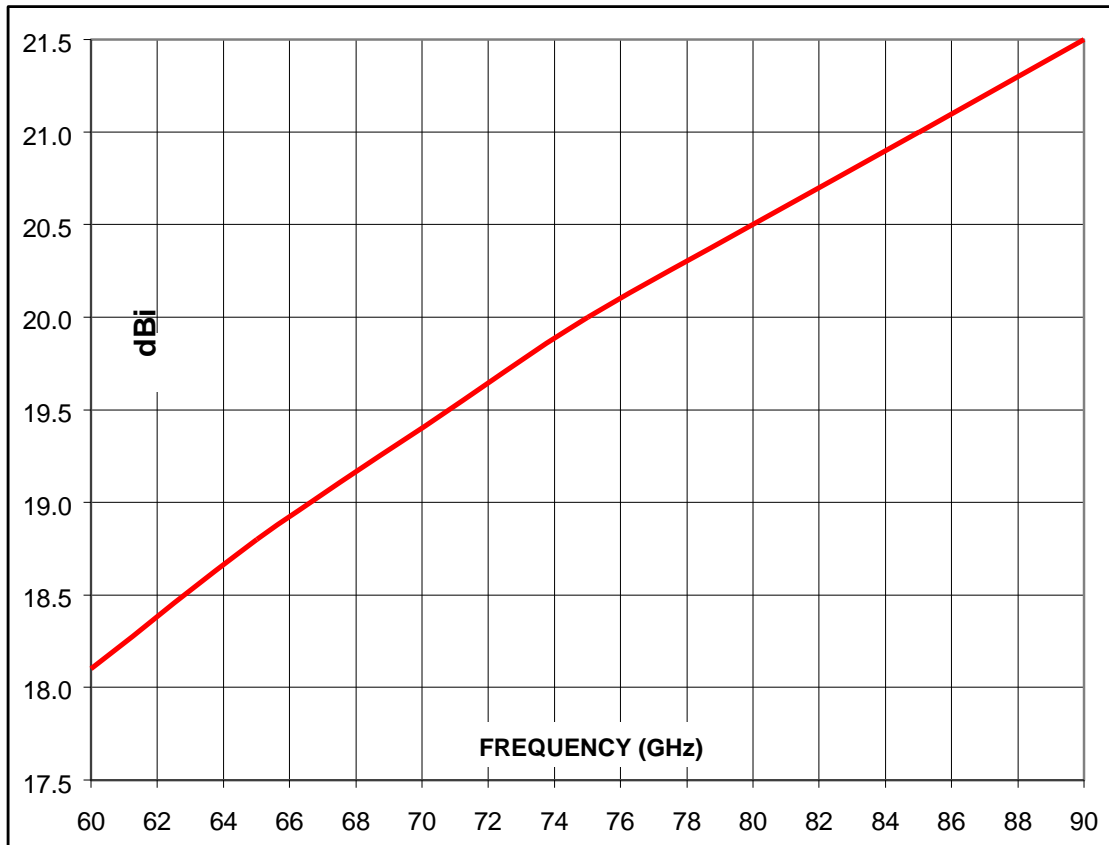
This report covers full electrical testing and has been produced for

Summary

Frequency	60 to 90 GHz
Connector type	UG-387U
VSWR	< 1.1:1
Gain	18.1 to 21.5 dBi
Power handling	100 Watt (nominal)
Weight	50 g nom.
Size- max.	19 mm x 15 mm x 52.1 mm long nom.
Mounting	UG-387U flange

Typical Antenna Gain

Calculated gain, cross checked with reference to the antenna beamwidth,
with an estimated error of +/- 0.8 dB



The recommended far field range for this antenna is > 0.2 Metres

Frequency GHz	Gain dBi	Antenna Factor dB/m
60.0	18.1	47.7
65.0	18.8	47.7
70.0	19.4	47.7
80.0	20.5	47.8
90.0	21.5	47.8

