

Standard Gain Horn Antenna

60 to 90 GHz

WG26 R740 WR12

P/N: **QSH26F20**

S/N: **10361 to 10366 inc.**

Q-par ref: **D2524**

Date: **09-Aug-12**

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Test Report

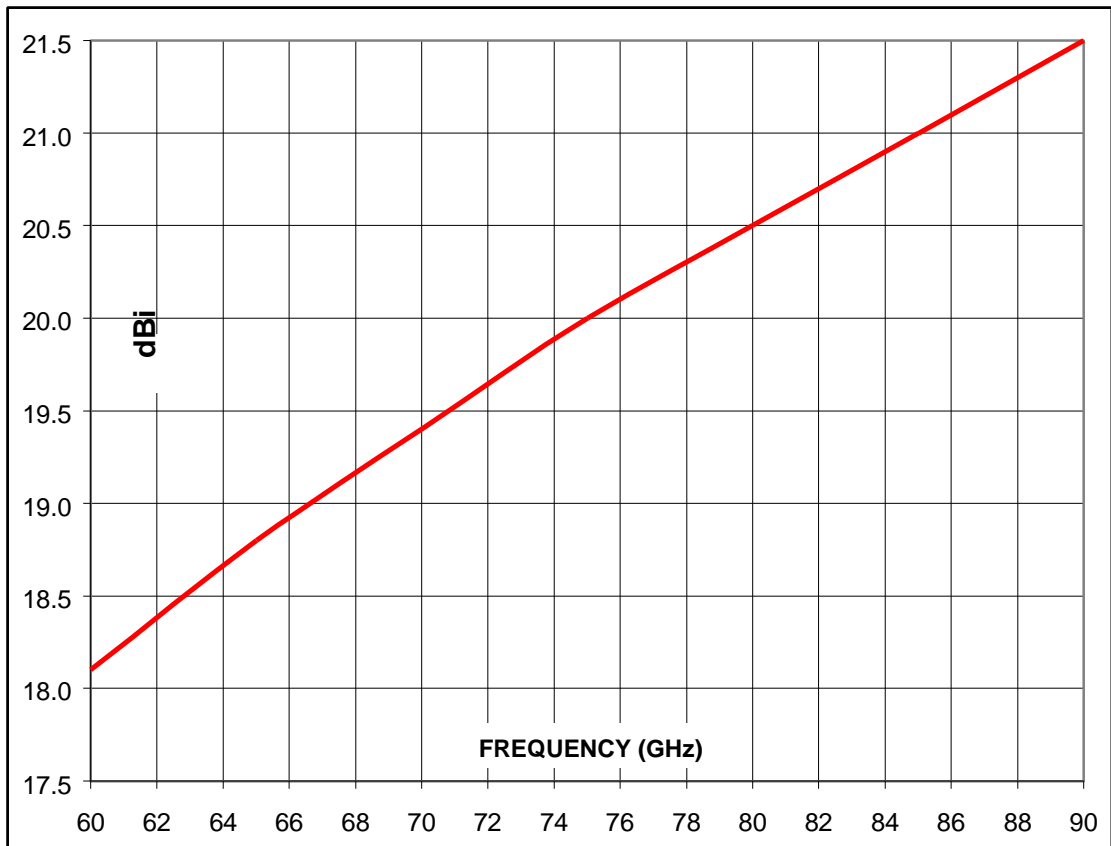
This report covers full electrical testing and has been produced for

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

