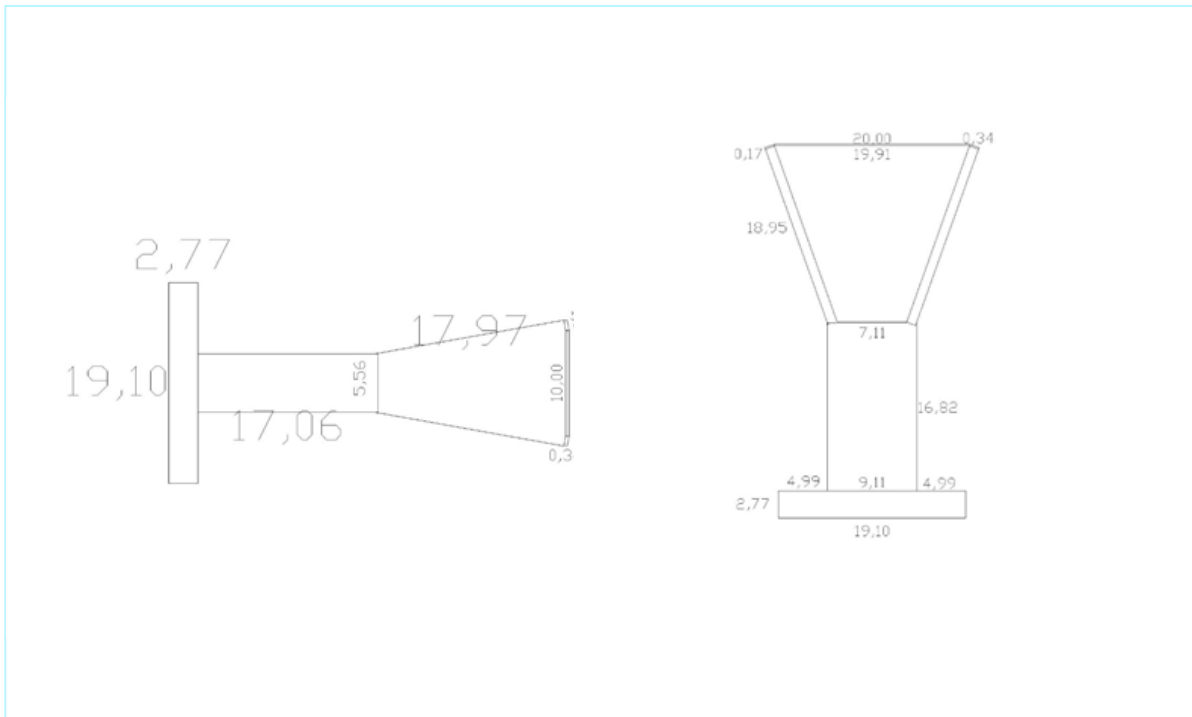


Maswell 5G mmwave Horn Antenna

AN.Horn.5G.mmwave.26.40.WR28



Mechanical dimension



Maswell 5G mmwave Horn Antenna

AN.Horn.5G.mmwave.26.40.WR28

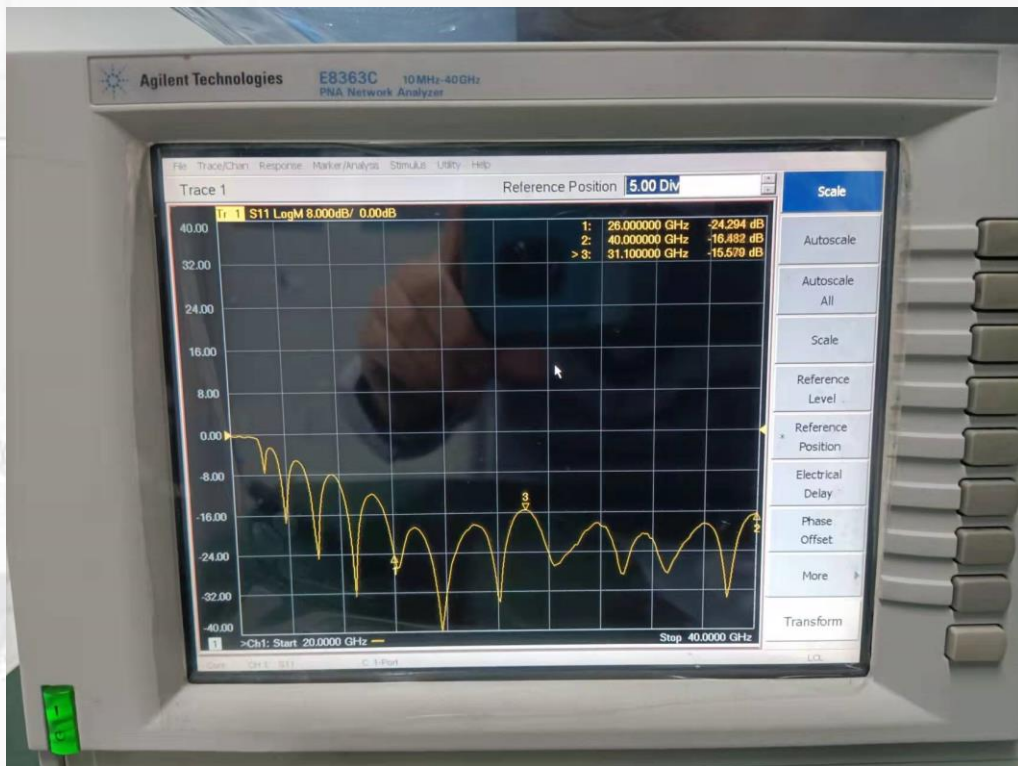
Specifications

Item		Specifications
Antenna	Center Frequency	26.5~40GHz
	Polarization	Linear
	Gain	13dBi
	V.S.W.R	<1.2
Mechanical	Dimension	21.8mm*19.1mm*39.3mm
	Cable	N/A
	Connector	WR 28 flange
	Mounting Method	Screw
Environmental	Environmentally Friendly	ROHS Compliant

Maswell 5G mmwave Horn Antenna

AN.Horn.5G.mmwave.26.40.WR28

S11

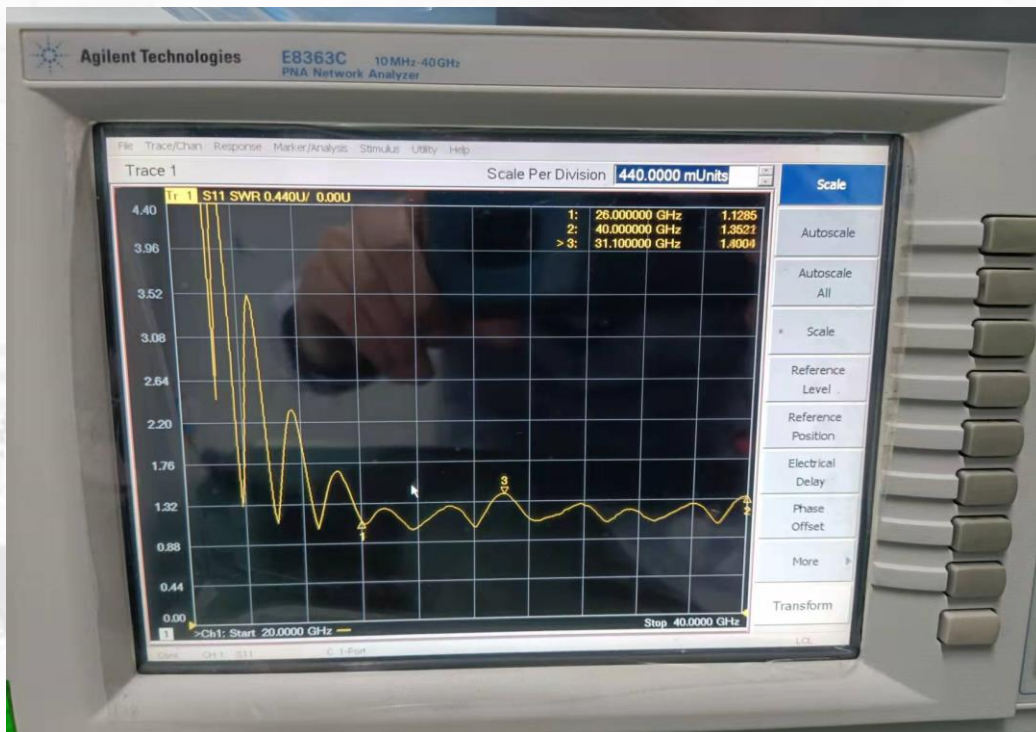




Maswell 5G mmwave Horn Antenna

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VSWR

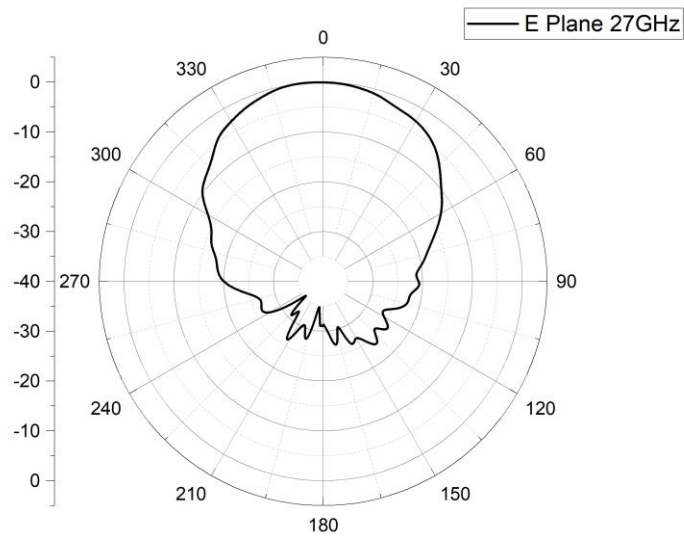


Maswell 5G mmwave Horn Antenna

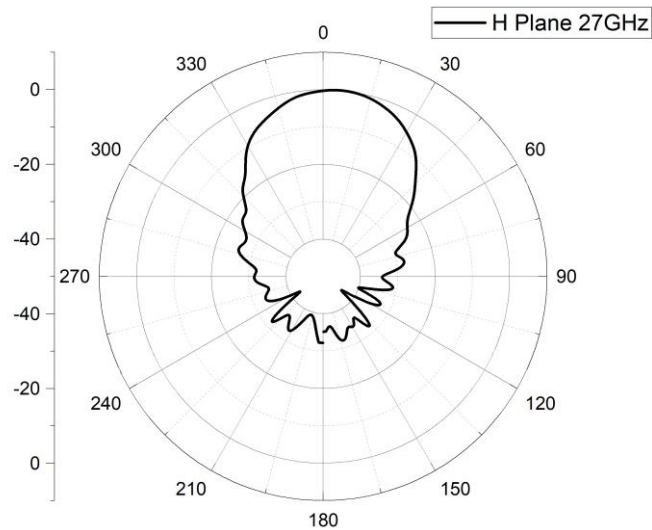
AN.Horn.5G.mmwave.26.40.WR28

Measured Radiation Pattern

Lower band 27GHz



E plane



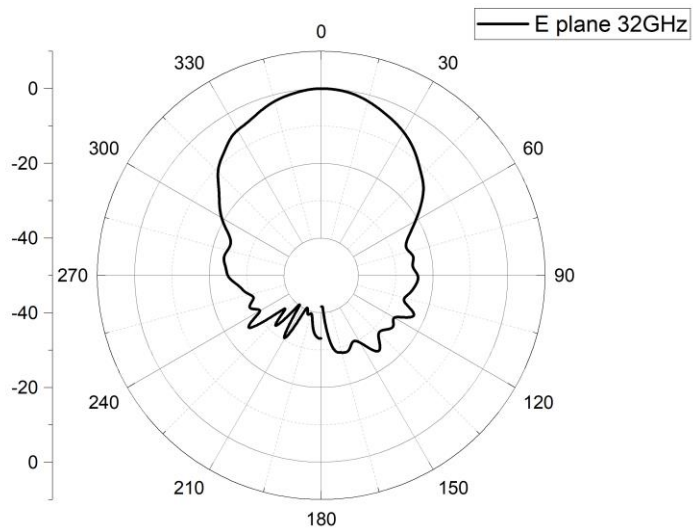
H plane

Maswell 5G mmwave Horn Antenna

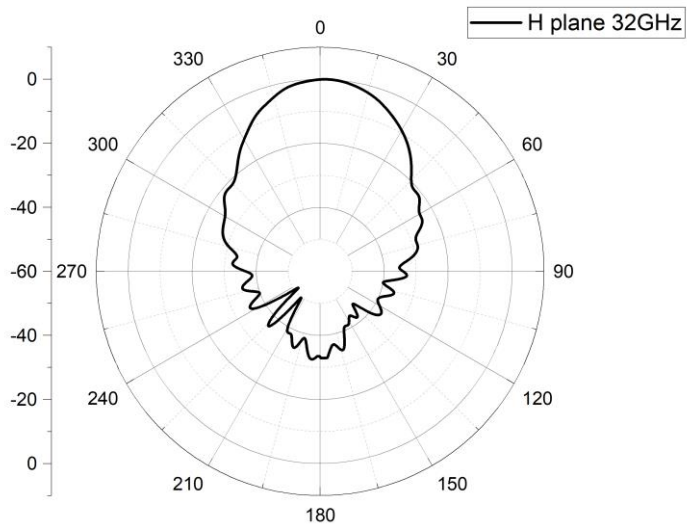
AN.Horn.5G.mmwave.26.40.WR28

Measured Radiation Pattern

Medium band 32GHz



E plane



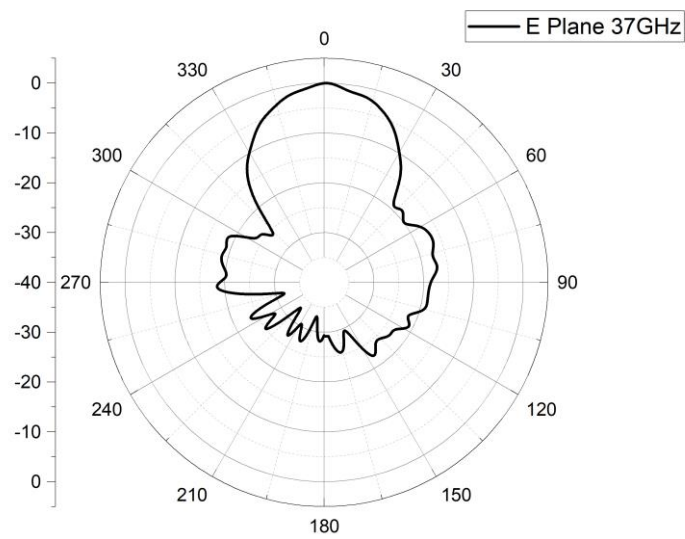
H plane

Maswell 5G mmwave Horn Antenna

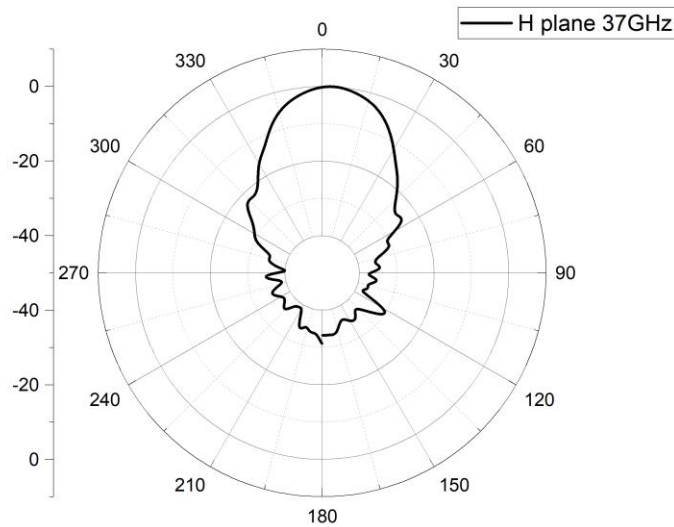
AN.Horn.5G.mmwave.26.40.WR28

Measured Radiation Pattern

Higher band 37GHz



E plane



H plane

Maswell 5G mmwave Horn Antenna

AN.Horn.5G.mmwave.26.40.WR28

Measured Gain Performances

Frequency (GHz)	Gain (dBi)
26	13.355
27	14.485
28	15.4
29	14.55
30	13.85
31	13.39
32	13.91
33	14.42
34	14.59
35	14.485
36	13.8
37	14.09
38	12.26
39	12.45
40	11.83