

Wideband Horn Antenna

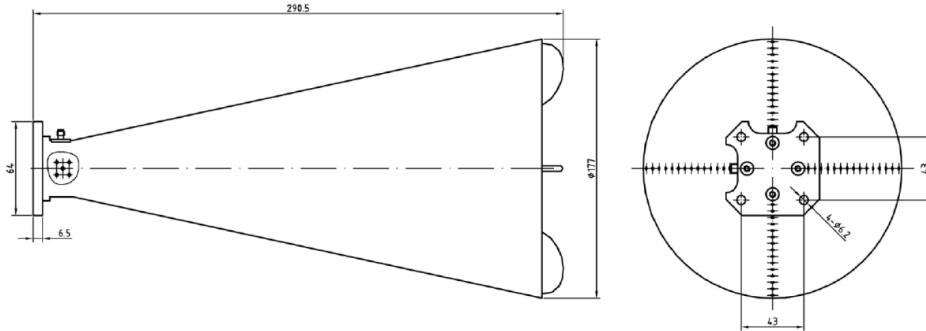
Dolph Microwave manufactures a high quality line of dual-ridged horn antennas typically used for EMI testing, surveillance equipment, antenna gain and pattern measurement. Wideband dual-ridged horn antennas are linearly polarized with high Gain, low VSWR, lightweight, covering from 0.2GHz to 40GHz. Please contact us with your specification and discuss your needs with one of our sales engineers.



- Technical Specification

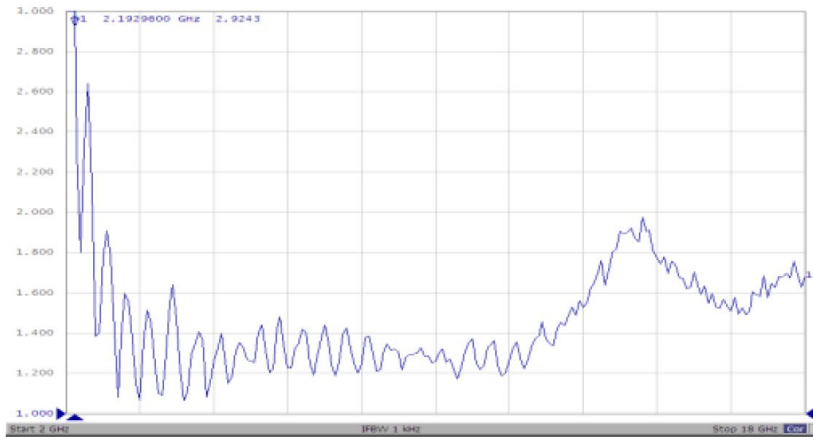
2.0-18.0GHz Wideband Quad-Ridged Antenna	
Electrical Specifications	
Model	DH-2T18QRHALP10-2SK
Frequency Range	2.0-18.0 GHz
Gain	5-15 dB
Polarization	HLP + VLP
VSWR (Max.)	2.5:1
Isolation	20 dB
Connector Type	2-SMA-Female 50 Ω
Material	Aluminum
Finish	Conductive Oxidation
Size	140*285 mm
Net Weight	1.2 KG
Outside Finish	Anticorrosion Blue Paint

● Outline Drawing (Size: mm)

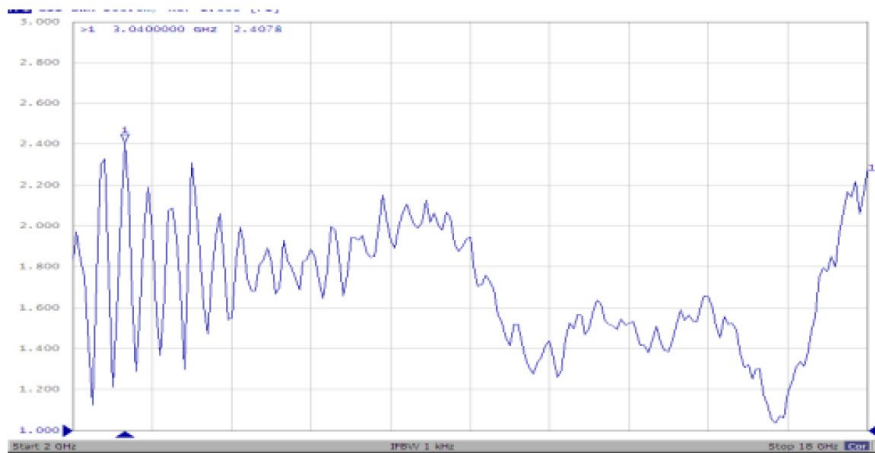


● Typical Performance

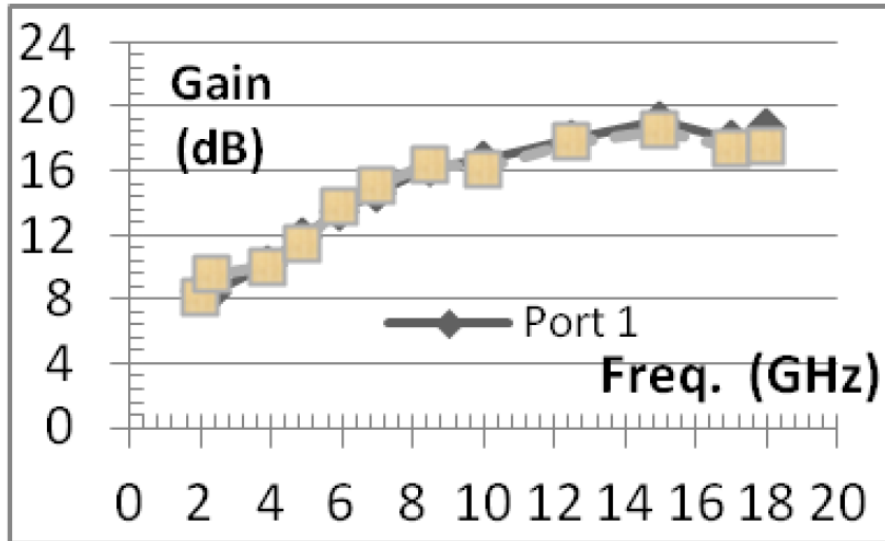
VSWRoutput-1



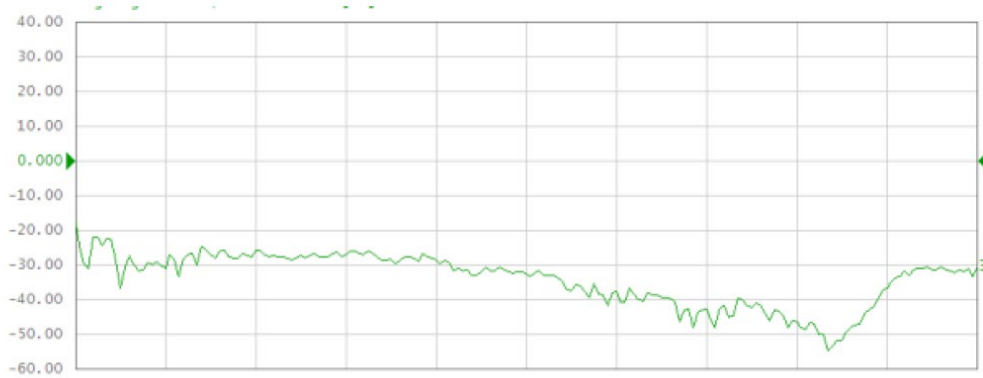
VSWRoutput-2



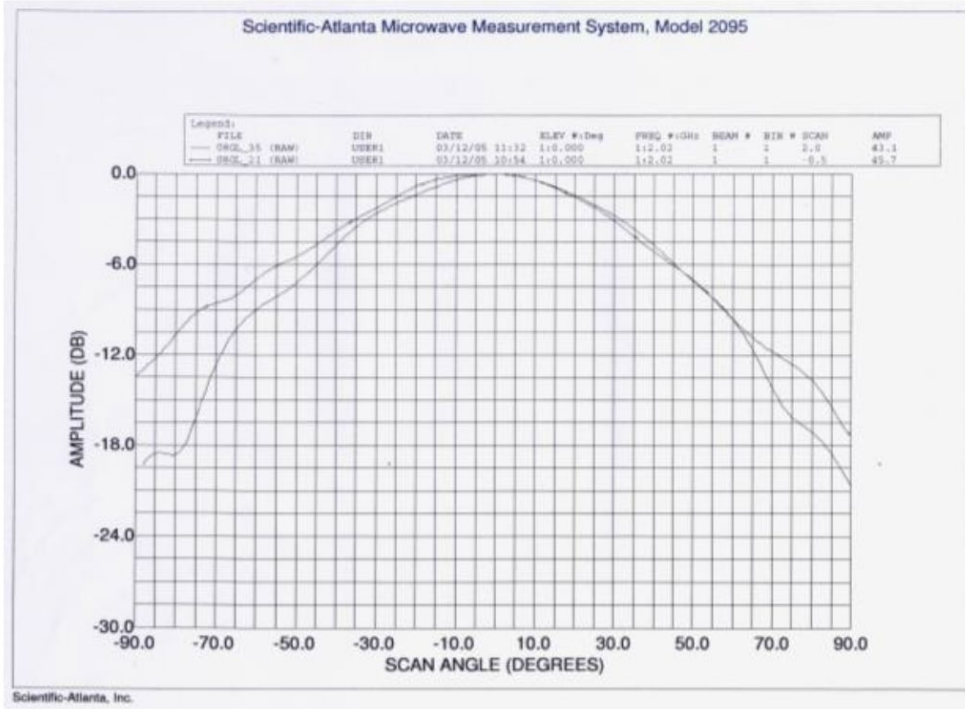
Gain



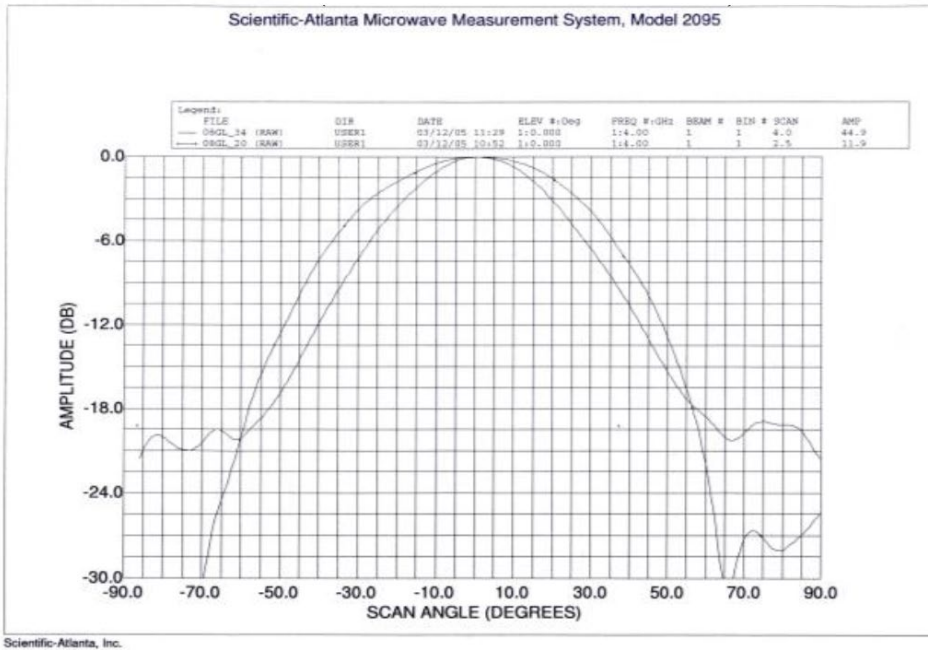
Isolation



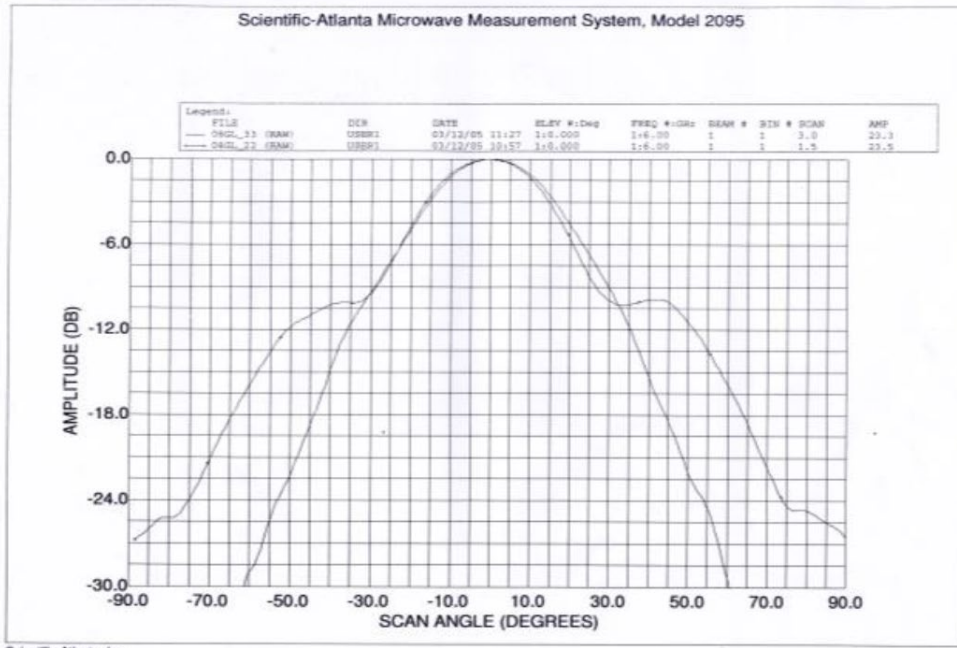
- Antenna Radiation Pattern



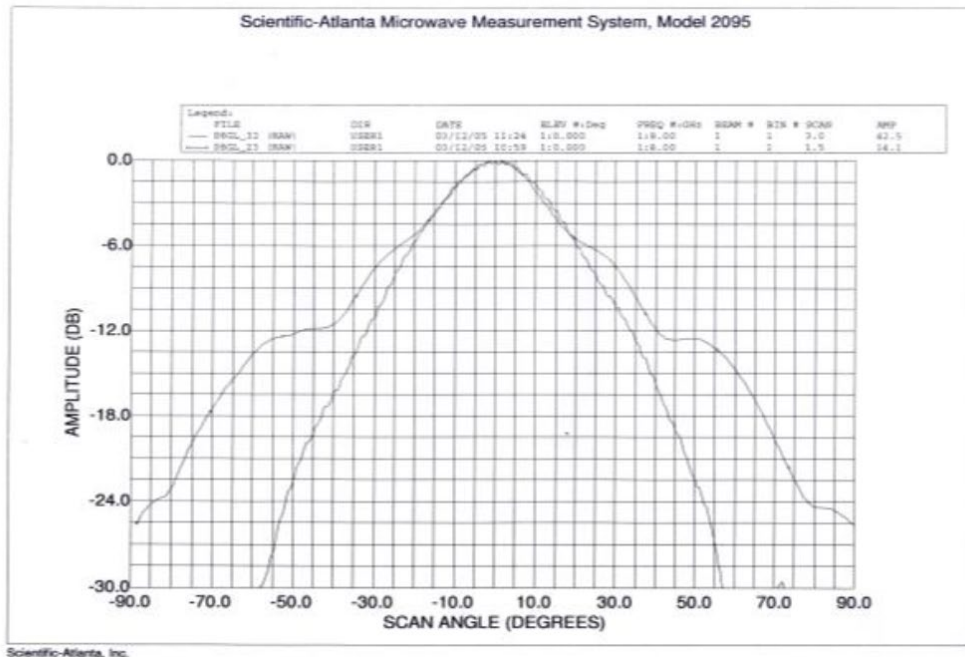
F=2.02GHz H and E Plane



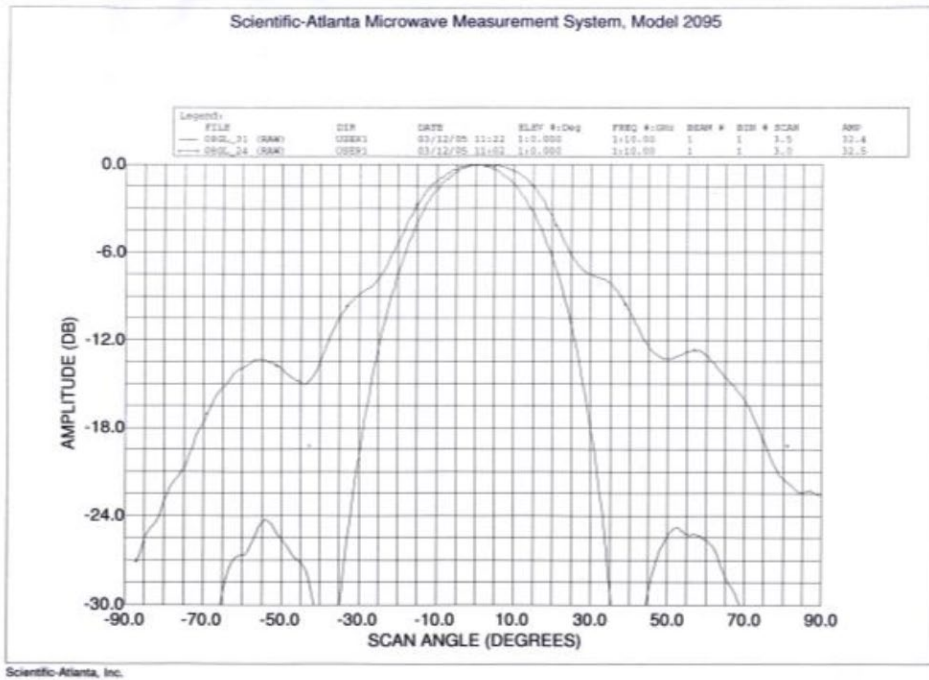
F=4.0GHz H and E Plane



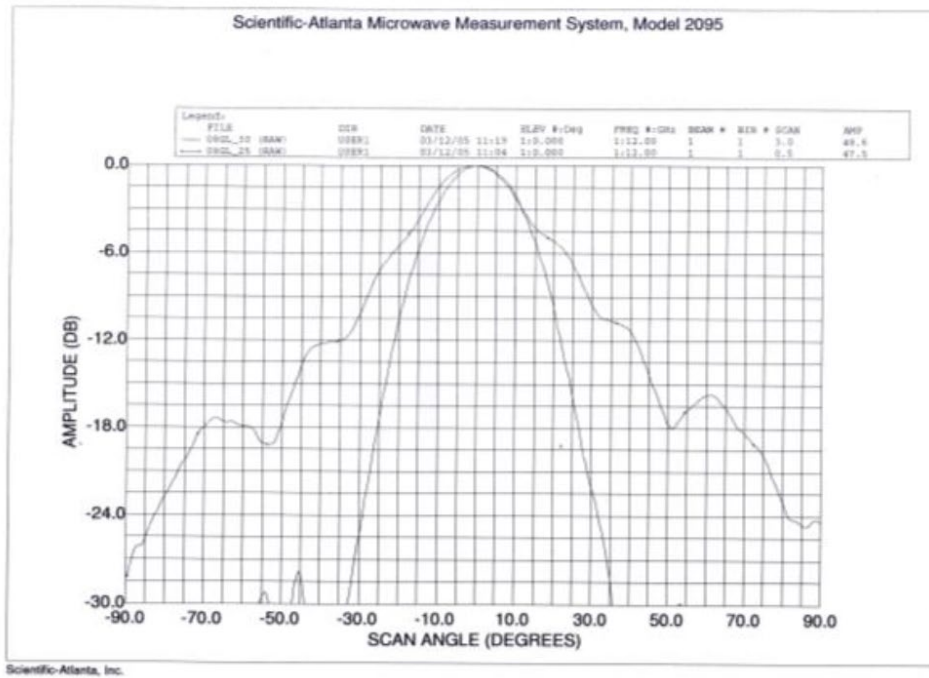
F=6.0GHz H and E Plane



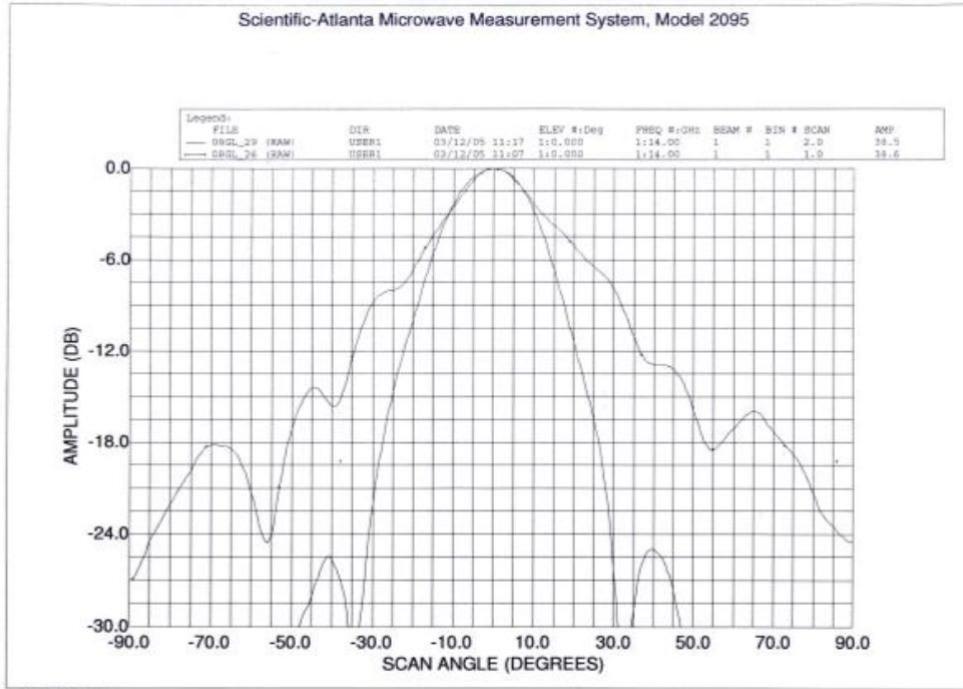
F=8.0GHz H and E Plane



F=10.0GHz H and E Plane

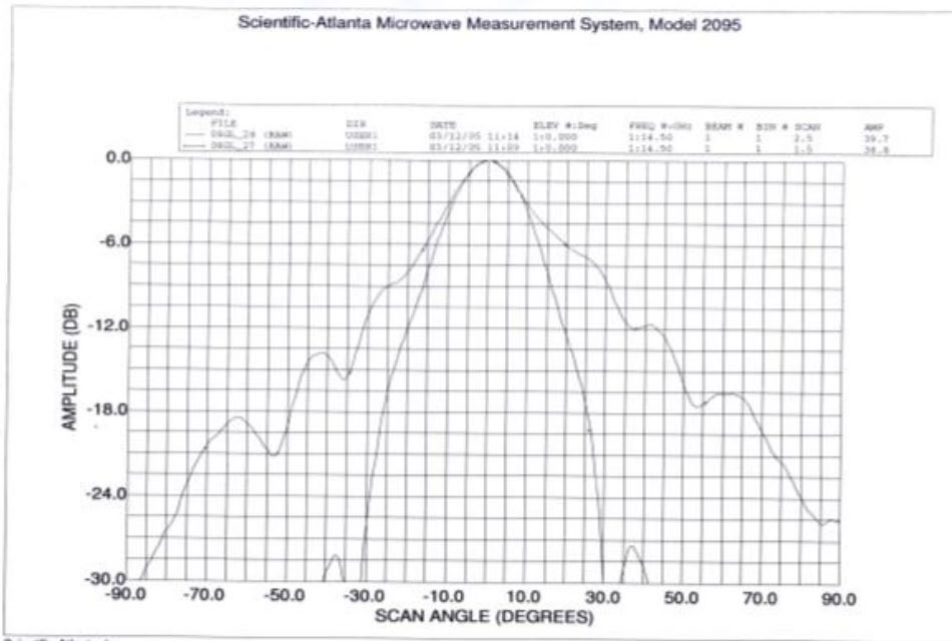


F=12.0GHz H and E Plane



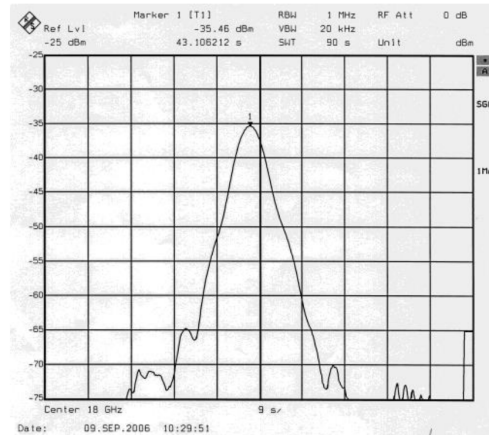
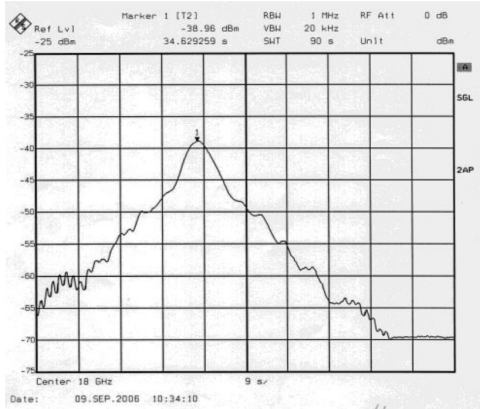
Scientific-Atlanta, Inc.

F=14.0GHz H and E Plane



Scientific-Atlanta, Inc.

F=16.0GHz H and E Plane



F=18.0GHz H and E Plane