

X00190FD8B

Ultra Wide band UWB...IVALDI TAPERED SLOT
New

TSA600

Ultra-Wideband PCB Tapered Slot Antenna

Features:

- High Performance, broad frequency range of 600 MHz to 6 GHz+
- Linear polarized with excellent gain over entire range
- Low VSWR over full range with no resonances
- Clean impulse response
- Very low loss substrate
- Individually calibrated and tested
- Low cost
- SMA output connector
- Adjustable polarization
- 25 Watt CW

Applications:

- Ground Penetrating Radars (GPR)
- Radio communications LTE, WIMAX, WIFI, PCS, UWB, GSM, HDTV, IoT
- Signals and communications Intelligence (SIGINT, COMINT, ELINT)
- Pulse Radar
- Broadband Software Defined Radio (SDR) Antenna
- EMC testing
- Spectrum analysis
- Direction finding

Description:

The RFSPACE TSA600 is a high performance, low cost, wideband antenna optimized for high gain, low VSWR and broadband response. The matching network has been optimized for best VSWR and a clean impulse response. Every TSA600 antenna is individually tuned and tested. The TSA600 is ideal as a wideband transmit or receive antenna for today's wireless communications.

Specifications:

Gain: 11 dBi @ 2.4 GHz
10 dBi @ 4.0 GHz
7 dBi @ 6.0 GHz

VSWR: 600 MHz - 6000 MHz <2.0:1 Typical.

Power Handling: 25 Watts

Aperture width: 240 mm

Length: 330 mm

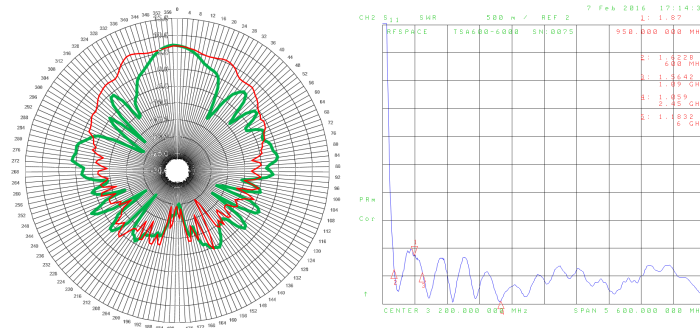
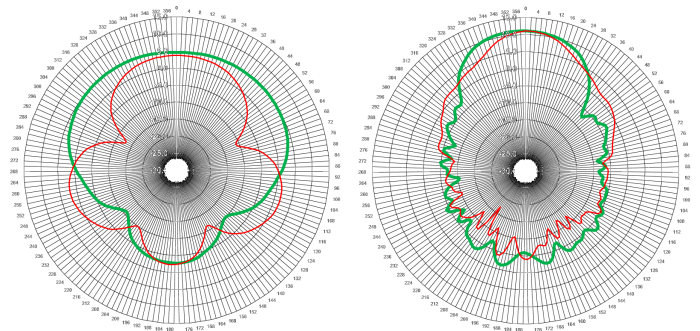
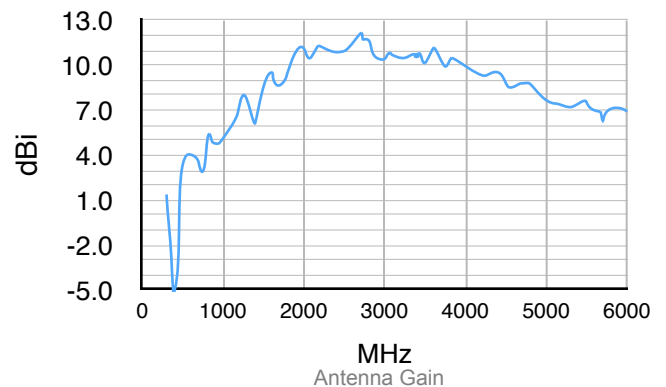
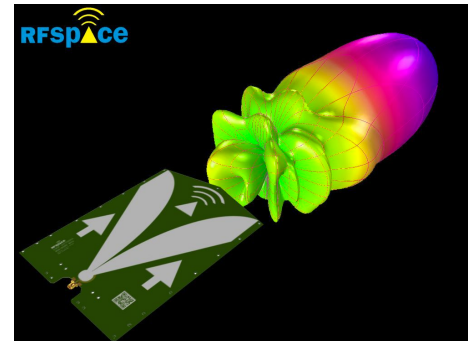
Weight: 0.5 lbs

Connector: 50Ω SMA edge mount

MSPR: \$69 Qty 1-5

\$62 Qty 5+

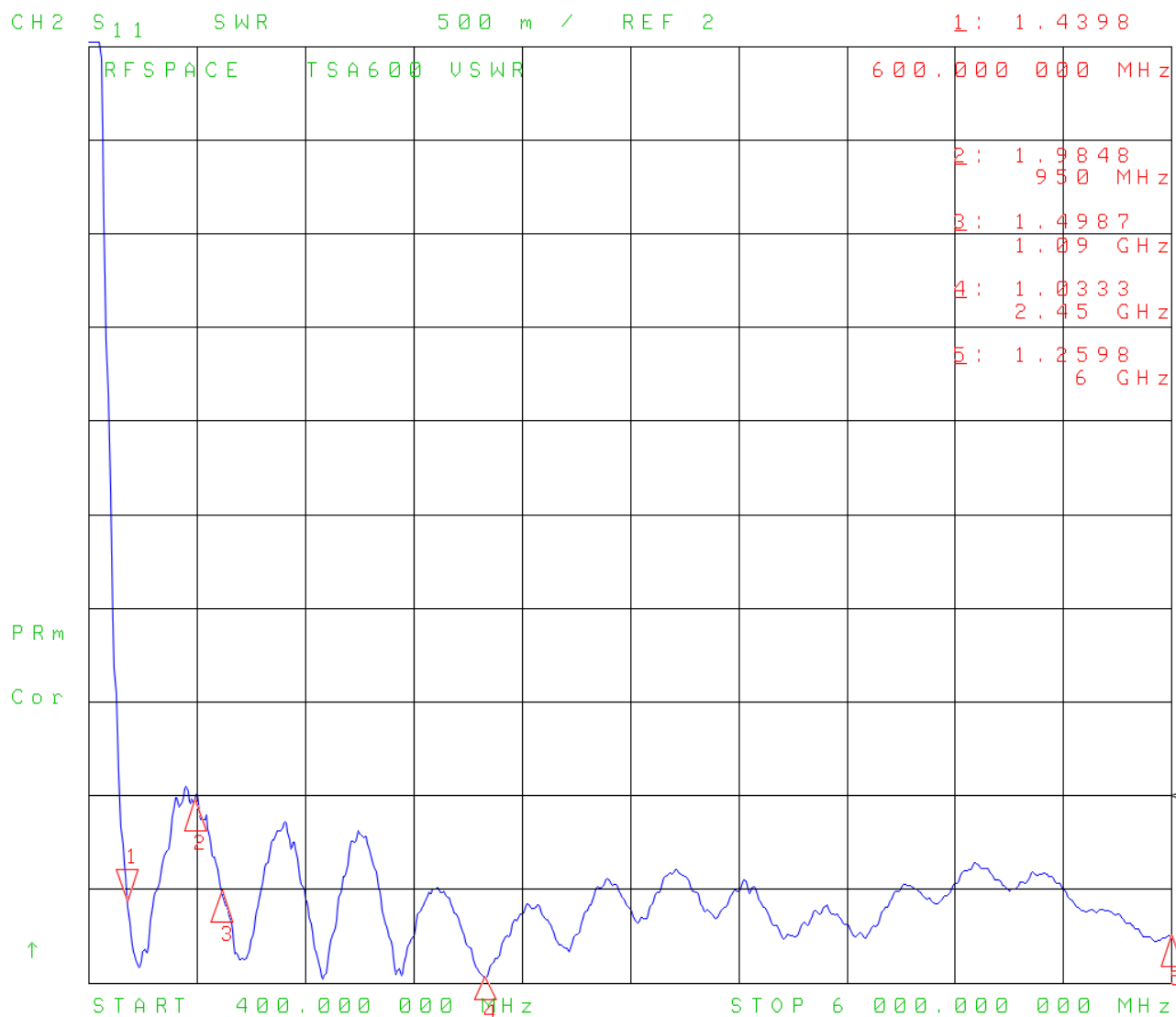
* Specifications subject to change without notice.



Antenna patterns at 600 MHz, 2400 MHz and 6000 MHz + VSWR



2 Apr 2017 14:58:50



Typical Antenna VSWR Plot

Available from:

