



X001OQJJH5

# UWB3

## Ultra-Wideband Tapered Slot Antenna 675 - 12000 MHz

### Features:

- Broad frequency range of 675 MHz to 12+ GHz
- Linear polarized with excellent gain over entire range
- Low VSWR over full range with no resonances
- Clean impulse response
- Individually calibrated
- Size: 360 x 165 mm
- Low cost, all Aluminum construction
- Gold plated, right angle SMA connector
- 50 Watt CW

### Applications:

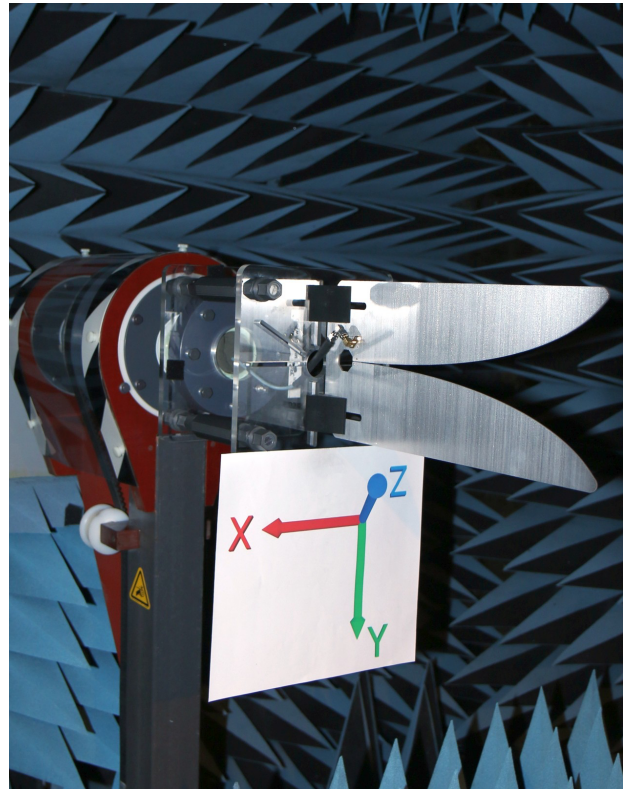
- Ground Penetrating Radars (GPR)
- Radio communications LTE, WIMAX, WIFI, PCS, UWB, GSM, HDTV, IoT
- Signals and communications Intelligence (SIGINT, COMINT, ELINT)
- Pulse Radar
- Broadband Software Defined Radio (SDR) Antenna
- EMC testing
- Spectrum analysis
- Direction finding

### Description:

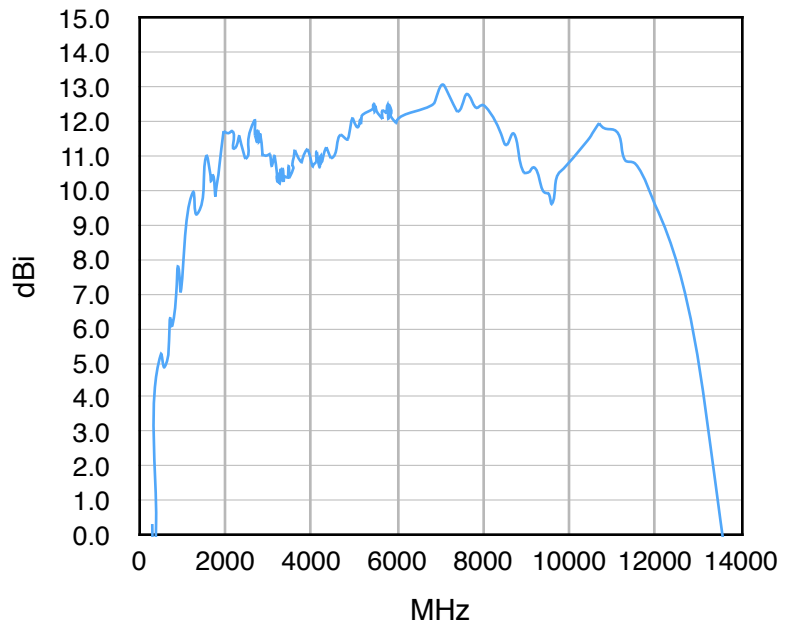
The RFSPACE UWB3 is an aluminum, wideband antenna optimized for high gain, low VSWR and broadband response. The matching network has been optimized for best VSWR and a clean impulse response. Every UWB3 antenna is individually tested and tuned. The UWB3 is ideal as a wideband transmit or receive antenna for today's wireless communications.

### Specifications:

- Gain:** 11dBi @ 2.4 GHz  
 11dBi @ 4.0 GHz  
 12dBi @ 6.0 GHz  
 9 dBi @ 6.1 - 12 GHz
- VSWR:** 1000 MHz - 6000 MHz <1.75:1 Typical
- Power Handling:** 50 Watts
- Aperture width:** 165 mm
- Length:** 360 mm
- Weight:** 0.63 lbs
- Connector:** 50Ω SMA
- Mounting:** 4 x 1.50-2.00 inch spaced holes for 1/4 inch bolts.
- MSPR:** \$95 Qty 1-5



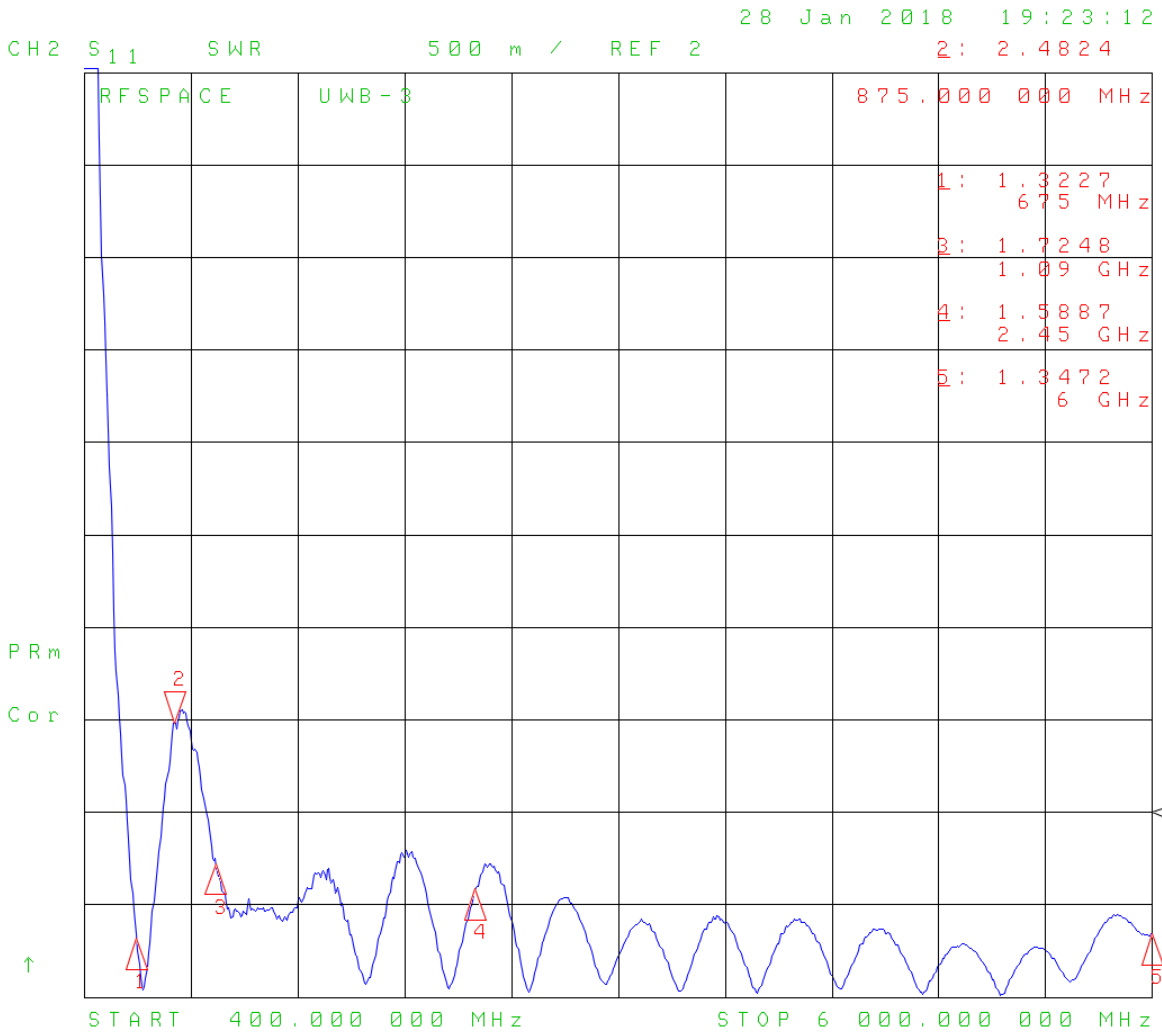
Main Axis Realized Gain (dBi)



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UWB-3 Ultra Wide band U...FVP DRONE VIDEO VIVALDI  
New





Typical VSWR Plot



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Available from:

