

## 4.9 - 6.5 GHz MIMO Dish Antenna



TXP-D30-C5X

### Features

- 4.9-6.5GHz Frequency
- 30dBi High Gain
- MIMO
- Dual Slant
- 2 feet Dish

### Applications

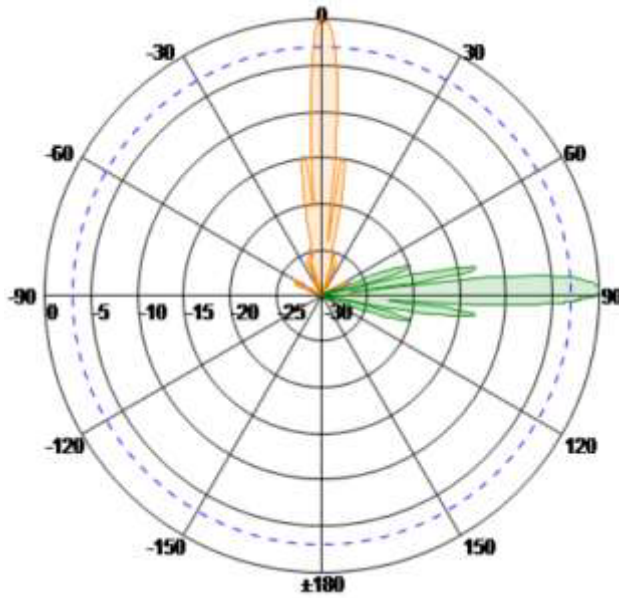
- 4.9/5.1/5.3/5.4/5.8/6.4 GHz ISM and UNII Band
- MIMO and 802.11n Applications
- WiMAX Applications
- Long Distance Backhaul and Point to Point Data Links



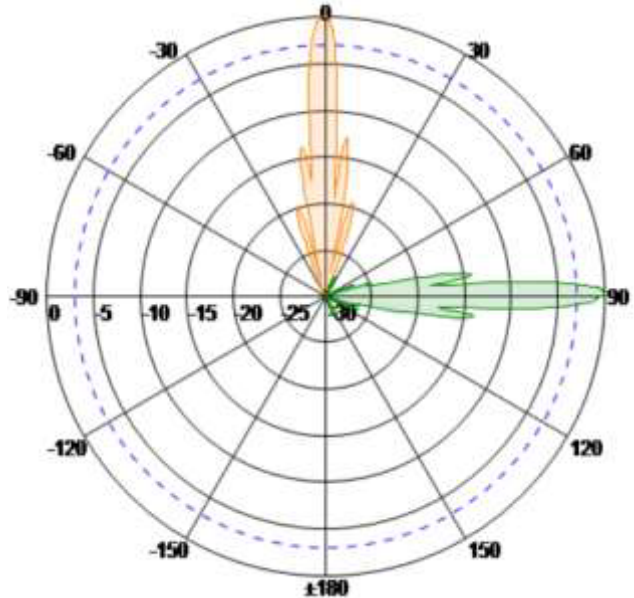
### Technical Specifications

Electrical			
Model:	TXP-D30-C5X		
Frequency Range	4.9-5.1GHz	5.1-5.9GHz	5.9-6.5GHz
Gain( dBi)	29dBi	30dBi	31dBi
VSWR	<2.5	<2.0	<2.0
Polarization	Dual Slant		
Isolation	>30dB		
Front to Back Ratio:	>35dB		
Horizontal Beam width	5°		
Vertical Beam width	5°		
Maximum Power Per Port	50W		
Impedance	50Ω		
Lighting protection	DC Ground		
Mechanical			
Connector	C5X		
Antenna Size	φ0.6 m		
Antenna Weight	6.5kg		
Antenna color	white		
Dish material	aluminum		
Diameter of the Pole	Φ30cm to φ80 cm		
Operational Temperature	-40°C to +70°C (-32°F to +158°F)		

E-Plane, 5500 MHz



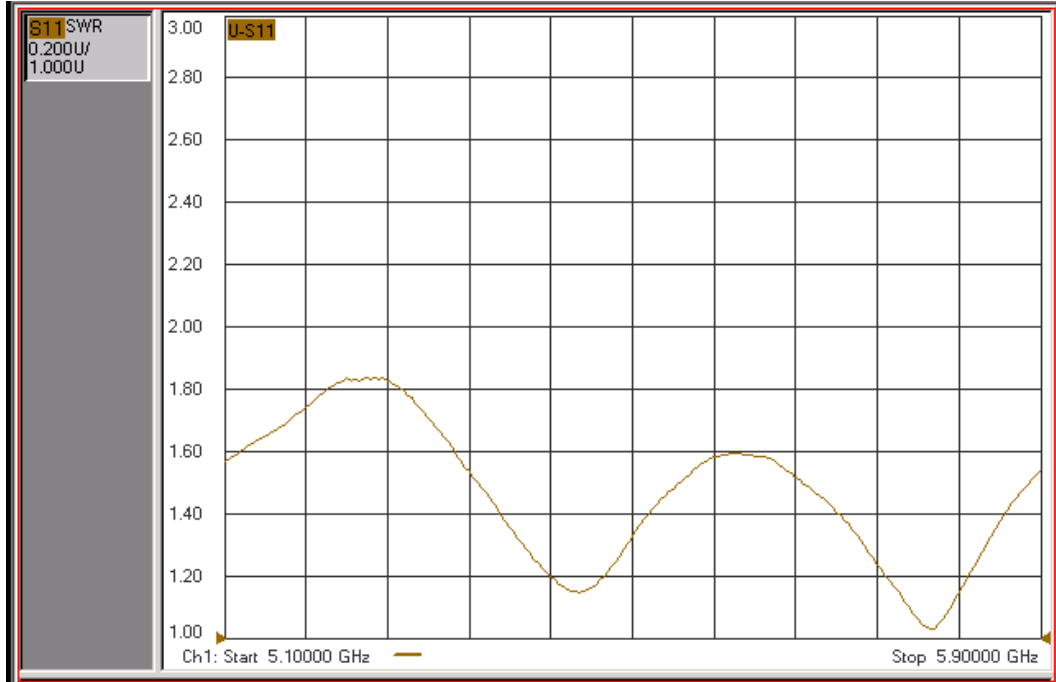
H-Plane, 5500 MHz



### Gain

FREQ	V-POL			H-POL		
	GAIN	E <sub>(3dB)</sub>	H <sub>(3dB)</sub>	GAIN	E <sub>(3dB)</sub>	H <sub>(3dB)</sub>
5100MHz	28.66dBi	5.19°	6.00°	28.70dBi	5.35°	6.18°
5200 MHz	28.84dBi	5.06°	5.81°	29.03dBi	5.17°	6.00°
5300 MHz	28.98dBi	4.83°	5.59°	29.10dBi	4.98°	5.78°
5400 MHz	29.13dBi	4.70°	5.32°	29.28dBi	4.93°	5.58°
5500 MHz	29.33dBi	4.61°	5.11°	29.40dBi	4.85°	5.46°
5600 MHz	29.49dBi	4.58°	4.97°	29.49dBi	4.88°	5.38°
5700 MHz	29.49dBi	4.59°	4.84°	29.43dBi	4.78°	5.31°
5800 MHz	29.99dBi	4.82°	5.29°	30.41dBi	4.60°	4.63°
5900 MHz	30.07dBi	4.73°	5.27°	30.52dBi	4.52°	4.59°

H-POL  
VSWR



V-POL  
VSWR

