

MULTI BAND PANEL ANTENNA (TRIPLE)

BAND 900 + 2x BROADBAND 1710 – 2170 MHz

TTD3-400TV

870 - 960	2 X 1710 - 2170		
870 - 960	1710-1880	1850-1990	1920-2170
H60° V14°	H68° V7°	H65° V6.6°	H61° V6.4°
Variable Tilt 0° - 10°	Variable Tilt 2° - 10°	Variable Tilt 2° - 10°	Variable Tilt 2° - 10°

ELECTRICAL SPECIFICATIONS

BAND 900

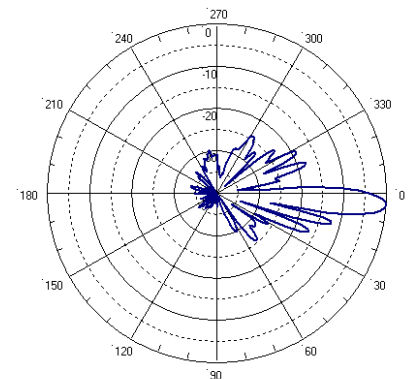
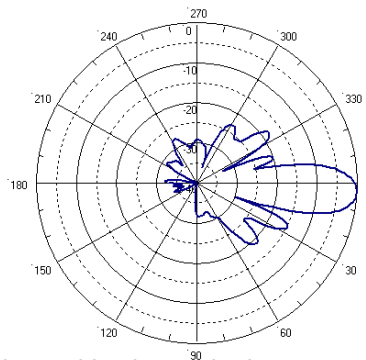
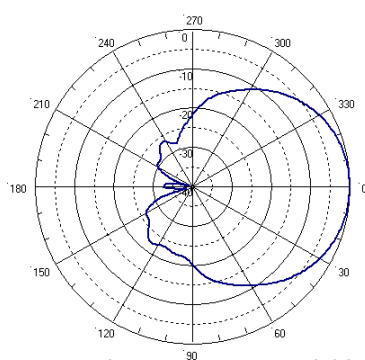
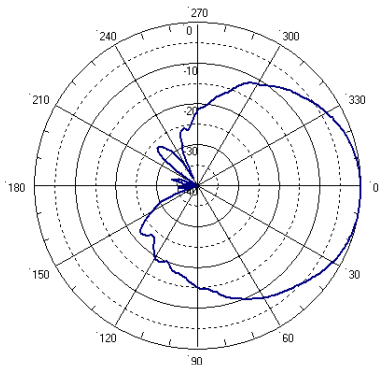
2 X BROADBAND 1710-2170 MHz

Antenna Model	TTD3-400TV			
Polarization	± 45°			
Frequency	870-960	2 X (1710 – 2170)		
	870-960	1710-1880	1850-1990	1920-2170
Horizontal Beamwidth	60°	68°	65°	61°
Vertical Beamwidth	14°	7°	6.6°	6.4°
Gain (dBi)	14.5	17	17	17
Vertical Electrical Tilt	VARIABLE 0°-10°	VARIABLE 2°-10°	VARIABLE 2°-10°	VARIABLE 2°-10°
Upper Sidelobe Suppression for the 1 st lobe above main beam (dB)	T0 T5 T10 16 18 18	T2 T6 T10 19 18 16	T2 T6 T10 19 20 17	T2 T6 T10 20 18 18
Front-to-Back Ratio @ 180° ± 20° (dB)	> 25	> 20	> 20	> 20
VSWR	< 1.5 : 1	< 1.5 : 1	< 1.5 : 1	< 1.5 : 1
Cross Polar Ratio @ -3°dB Beamwidth <i>Typically</i>	> 15	> 15	> 15	> 15
Isolation between Ports (dB)	> 30	> 30	> 30	> 30
Interband Isolation (dB)	> 40 (870-960//1710-2170) > 30 (1710-2170//1710-2170)			
Maximum Power Per Input (W)	500	250		
Intermodulation (dBc)	< - 150			
Impedance (Ω)	50			



MECHANICAL SPECIFICATIONS

Connectors	6 X 7/16 Female
Connector Position	Bottom
Survival Wind Speed km/h (mph)	200 (125)
Front Windload N @ 160 km/h (lbs @ 100 mph)	690 (155)
Lateral Windload N @ 160 km/h (lbs @ 100 mph)	150 (34)
Radome Color	Grey, paintable
Humidity	100%
Antenna Weight kg (lbs)	22 (48)
Antenna Dimension mm (in) H X W X D	1340 x 350 x 145 (53 X 14 X 6)



This antenna is available with variable electrical tilt 4°-14°