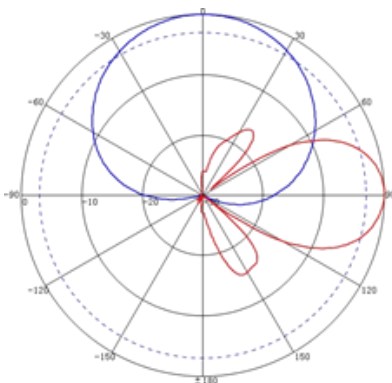




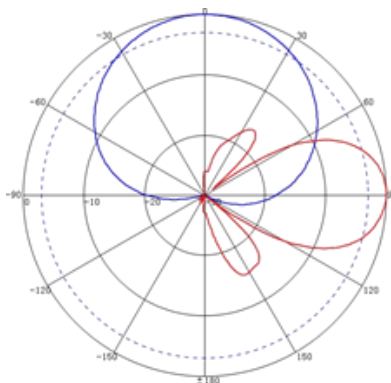
Model	APVT-3850-1165		
Frequency range,	380 – 400 MHz	400 – 450 MHz	450 – 500 MHz
Polarization	Vertical		
Gain	10 dBi	11.5 dBi	11.5 dBi
Half-power beam width	H-plane: 74° E-plane: 34°	H-plane: 72° E-plane: 32°	H-plane: 68° E-plane: 30°
First upper side lobe suppression	15 dB		
Front-to-back ratio	≥18 dB	≥20 dB	≥22 dB
Impedance	50 Ω		
VSWR	< 1.5		
Intermodulation IM3	< -150 dBc (2 x 43 dBm)		
Max. power	500 W		
Ground	DC Grounding		

Mechanical specifications	
Connector	7-16 female
Connector position	Bottom
Mechanical tilt	0-15°
Max. wind velocity	240 km/h
Operating temperature	-40-60 °C
Suitable pole diameter	Φ50 - Φ115 mm
Radome material and color	Fiberglass / Gray
Antenna size	1050 x 450 x 145 mm
Packing size	1300 x 530 x 260 mm
Weight	11 kg
Bracket Weight	4 kg

380 – 400 MHz



400 – 450 MHz



450 – 500 MHz

