

Series : ANTENNA

Blade RP-TNC Swivel Mount Dipole**2.40 – 2.50 GHz / 4.90 – 5.90 GHz****74-3786-01****Series : ANTENNA****ELECTRICAL CHARACTERISTICS**

Frequency :	2.40-2.50/4.90-5.90 GHz
Nominal Impedance :	50 Ω
VSWR :	2:1 Max
Gain (2.40-2.50) :	+1.4 dBi $\pm$.2 dB
Gain (4.90-5.90) :	+4.5 dBi $\pm$.5 dB
Radiation Pattern	
-3 dB beamwidth	
Horizontal Plane :	Omni $\pm$3 dB Max
Vertical Plane (2.40-2.50) :	85° $\circ \pm 2^\circ$
Vertical Plane (4.90-5.90) :	30° $\circ \pm 2^\circ$
Polarization :	Vertical
Connector type :	RPTNC
Cable type :	2.6mm/50Ω/RG-316
Length :	Internal

MECHANICAL CHARACTERISTICS

Plastic radome :	PC+ABS
Color :	Black PMS # 426C
Flammability rating :	V-0 UL 94
Weight :	34 g
Length Bent :	150 mm
Length Overall :	175 mm
Swivel Cycle Endurance:	1.0 Kg-cm after 2000 Cycles

Issue : 07 04

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Random Vibration:.....

1.12 G-rms Acceleration:**3Hz-500Hz** Frequency:**5 dB/Octave** PSD slope (3-10Hz):**0.0065 g²/Hz** PSD level(10-100Hz):**-5dB/Octave** PSD slope (100-500Hz):**3** Nb of axis:**30 min** Duration/axis**MIL-STD-810 method** Test Standard**514.4**

Mechanical Shock,

Trapezoidal shock each direction

(Positive and negative):.....

21 ± 5 °C30-60%**30-60** % Relative Humidity**4.5 Kg** Weight**65 G** Peak Acceleration (min)**80 G** Peak Acceleration (max)**4.78 m/s** Velocity Change (min)**2 ms** Pulse Duration**ASTM D 3332** Test Standard

Drop Test:

1 M**3** Drops per side**ENVIRONMENTAL CHARACTERISTICS**

Operating temperature :.....

-30 to +70 ° C

Storage temperature :

-40 to +85 ° C

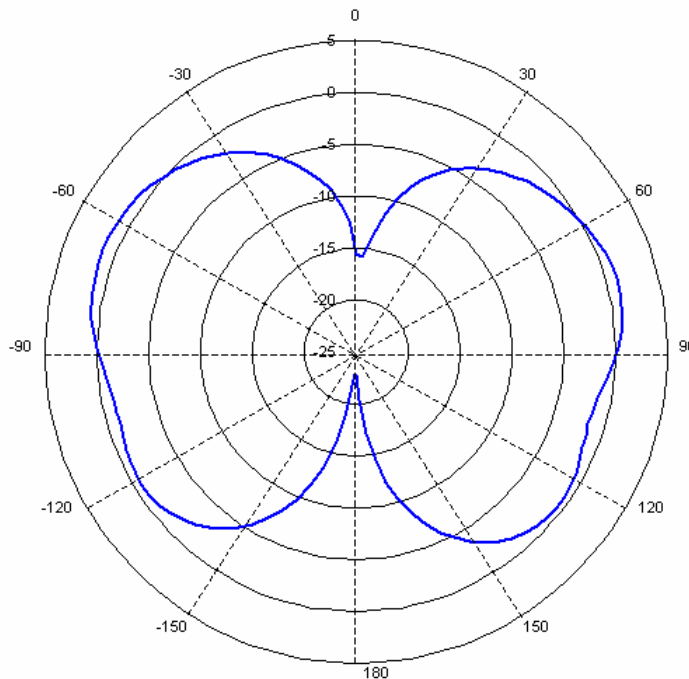
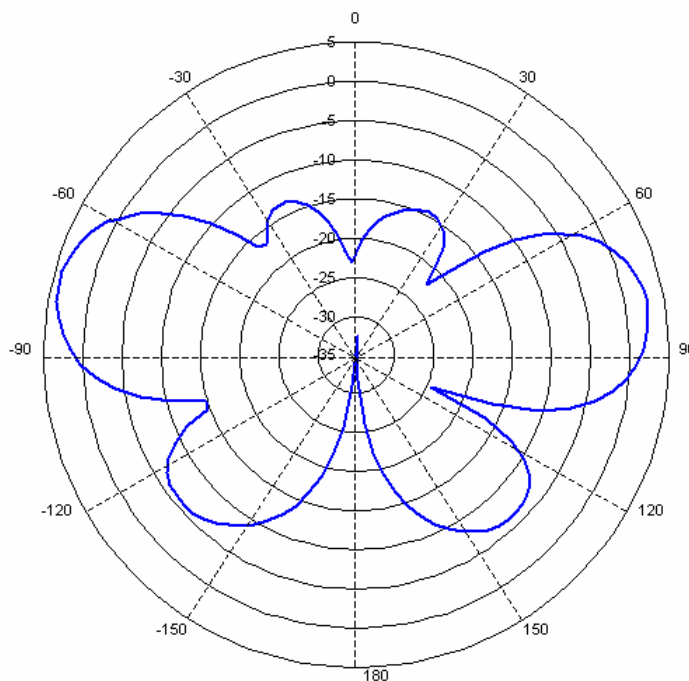
Humidity :

95% @ 24°C Rel.

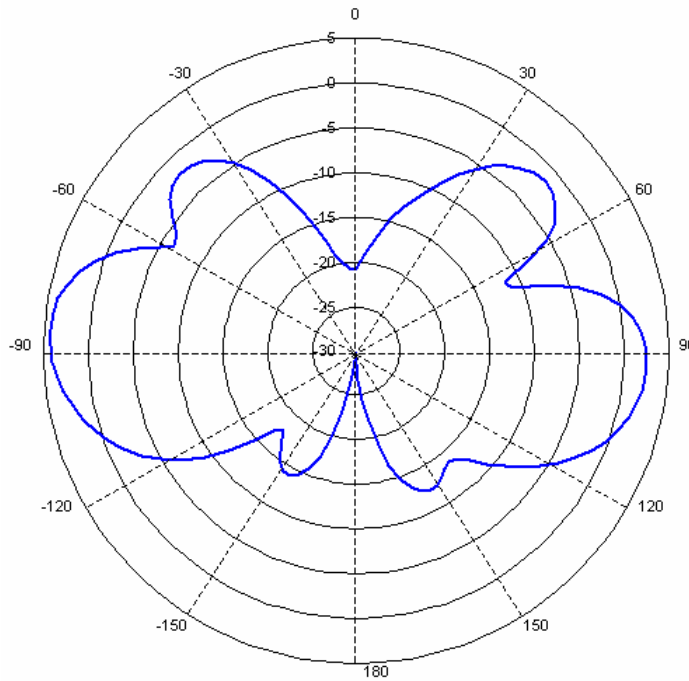
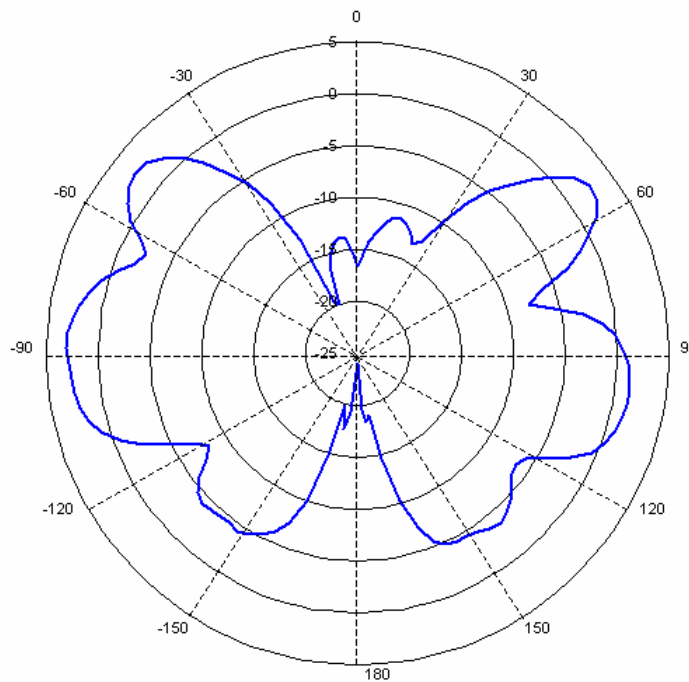
Humidity

MIL-STD-810 Test**Method 507.3** Standard**Procedure 111****OTHER CHARACTERISTICS****Issue : 07 04**

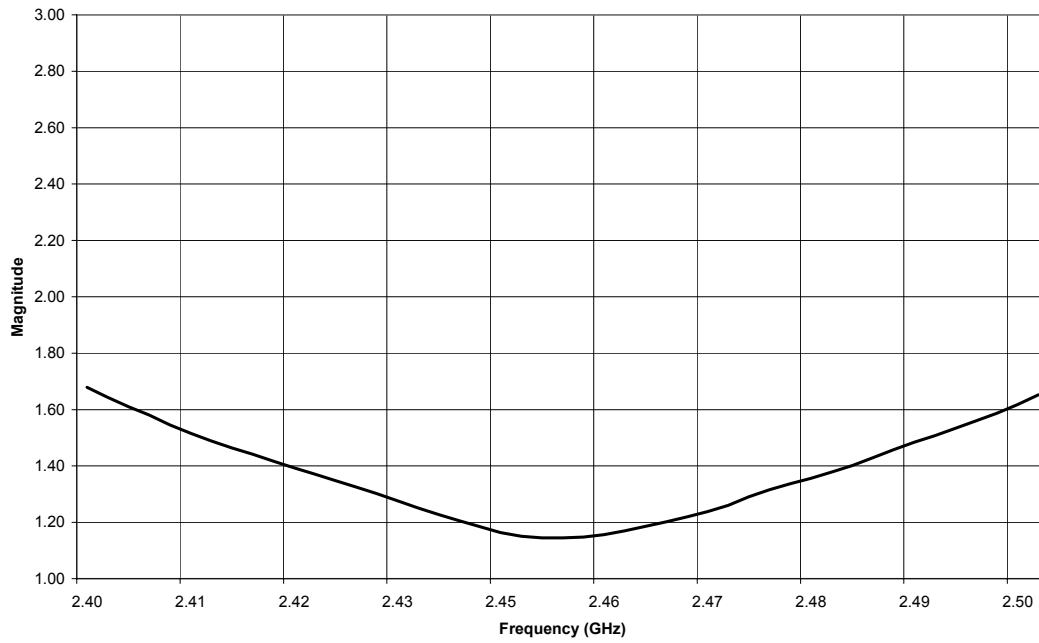
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Blade RP-TNC Swivel Mount Dipole**2.40 – 2.50 GHz / 4.90 – 5.90 GHz****74-3786-01****Series : ANTENNA****CURVES****Figure 3: E-plane pattern @ 2.45 GHz****Figure 5: E-plane pattern @ 4.90 GHz****Issue : 07 04**

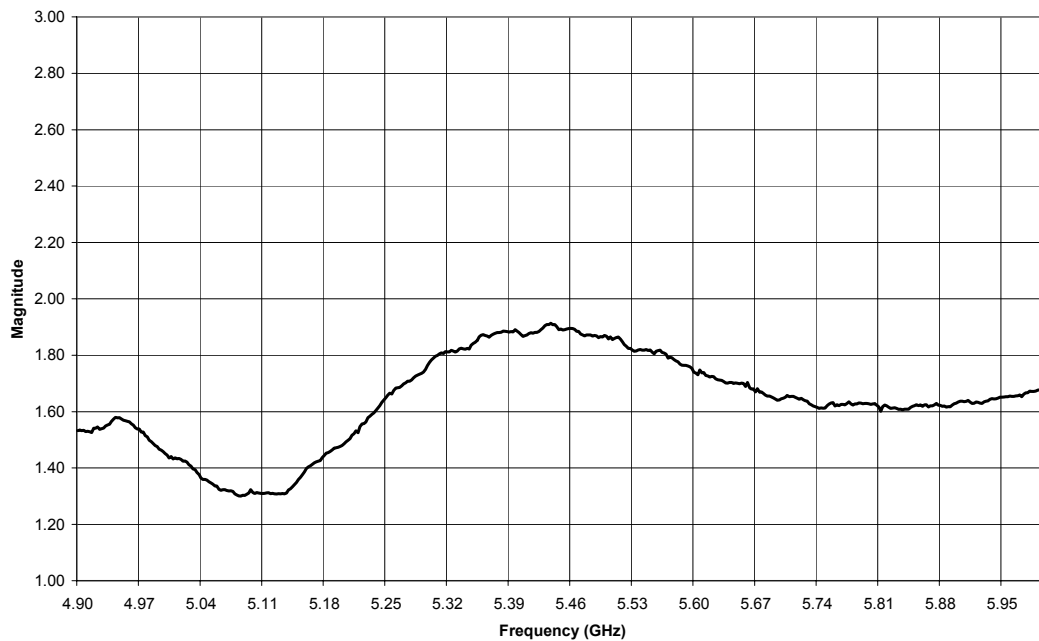
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Blade RP-TNC Swivel Mount Dipole**2.40 – 2.50 GHz / 4.90 – 5.90 GHz****74-3786-01****Series : ANTENNA****Figure 7: E-plane pattern @ 5.55 GHz****Figure 9: E-plane pattern @ 5.90 GHz****Issue : 07 04**

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VSWR - HIGH BAND**Issue : 07 04**

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