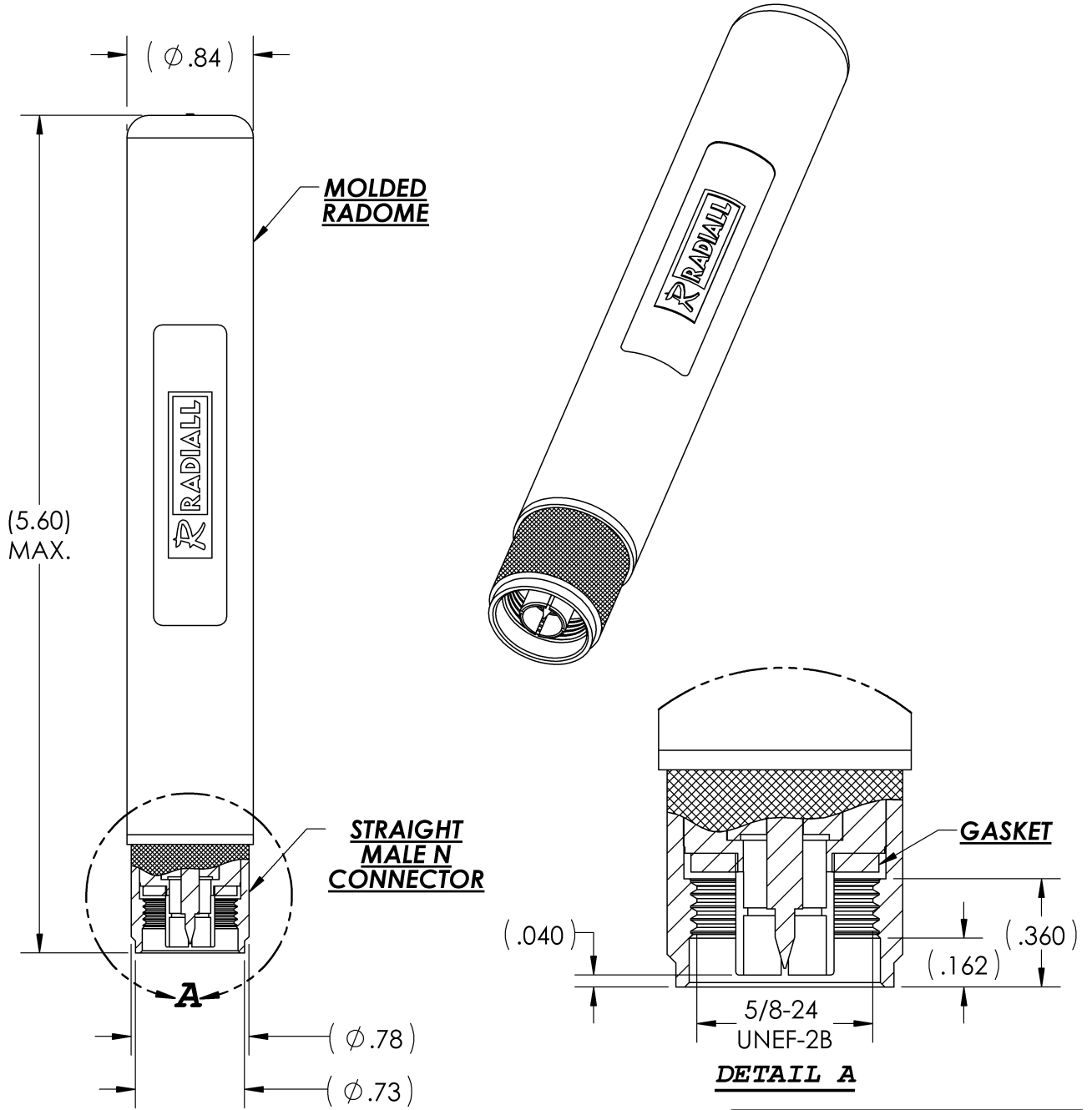
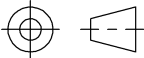


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UNITS: INCH 

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ELECTRICAL CHARACTERISTICS

Frequency:.....	902-928 MHz
Nominal Impedance:.....	50 Ω
VSWR:	2:1 Max
Typical Gain @ 90°(Horizon):.....	0 dBi ±1dB
Radiation Efficiency:.....	70 %
Polarization :	Vertical
Power Handling (min):.....	8 W
DC Ground:	Yes

MECHANICAL CHARACTERISTICS

Radome Material:	PET Dupont Rynite 935 BK505
Radome Color :	Black Matte
Connector Type:.....	N Male with Fixed Coupling Nut
Connector Plating :	Nickel
Weight :	< 2.5 Oz.
Overall length :	5.60 Inches Max

Product in Conformity with the ROHS (Restriction of Hazardous Substances) and WEEE (Waste Electrical and Electronic Equipment) requirements

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ENVIRONMENTAL CHARACTERISTICS

Operating Temperature:	-40 / +85 °C
Storage Temperature :	-40 / +85 °C
Humidity (Non-condensing) :	95% Relative MIL-STD-810G, Method 507.5 Humidity +30 & +60 °C
Immersion IP67 (mated) :	1 Meter 30 Minutes MIL-STD-810G, Method 512.5, Procedure I, 27°C above ambient preconditioning temp.
Salt Fog :	96 Hours Mil-Std-810G, Meth 509.5
Wind Loading:	110 mph

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ELECTRICAL PERFORMANCE

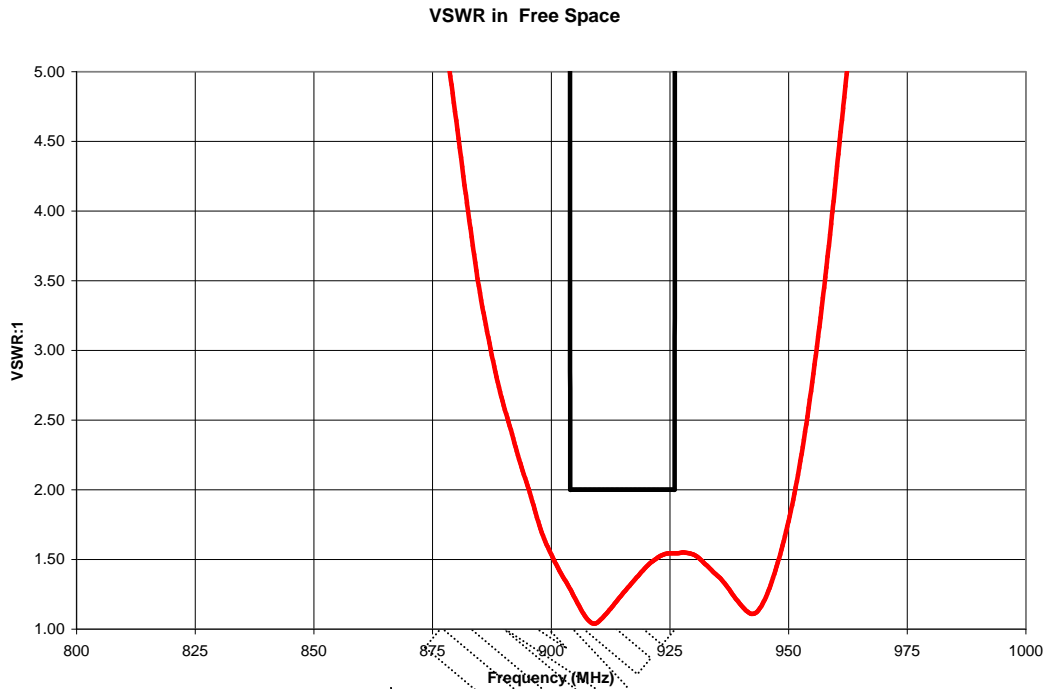


Figure 1: VSWR in Free Space (Anechoic Chamber)

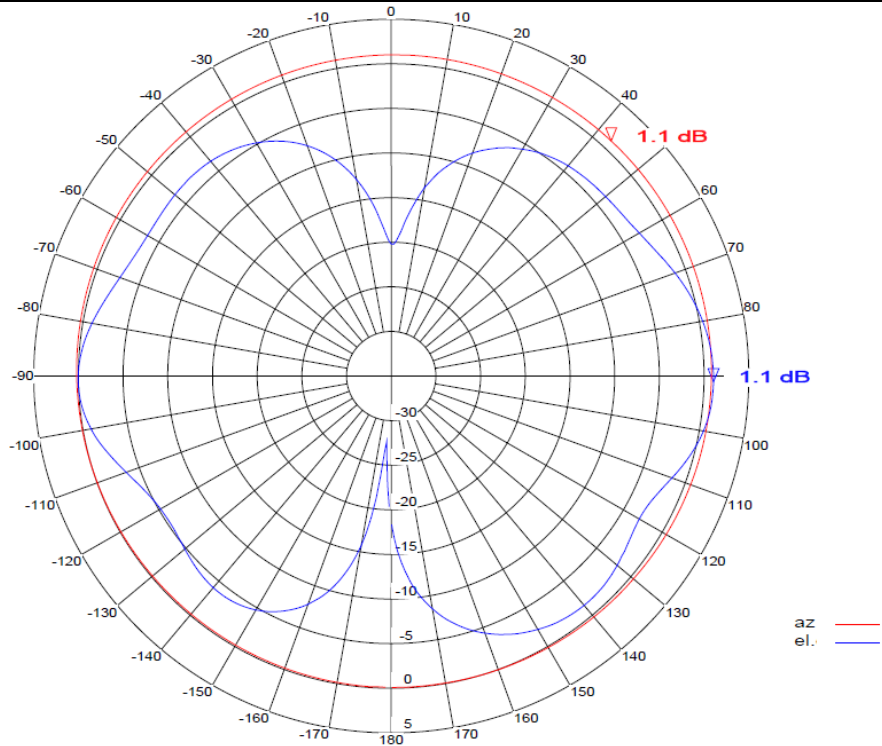


Figure 2: Radiation Pattern (Azimuth & Elevation) @ 915 MHz