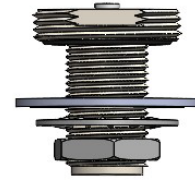


STI-CO® Wi-Fi Antenna Kit

- Supports 2.4 GHz, 5.0 GHz, and 6.0 GHz Wi-Fi Bands (Wi-Fi 6E)
- High frequency NMO mount provides superior performance to keep you connected
- Meets MIL-STD-810 / AREMA Environmental Standards
- Proudly designed & manufactured in the U.S.A.
- Available in black or white radome colors
- Every STI-CO® antenna is backed by a 5-year warranty



ELECTRICAL SPECIFICATIONS ¹

MODEL NUMBER	RFMT-SB-WI6E (Black) RFMT-SB-WI6E-WT (White)	
	OPERATING BANDS (GHz)	2.4 - 2.5
BANDWIDTH (MHz)	100	2100
VSWR (Typical)	≤ 2:1	≤ 2:1
AVERAGE EFFICIENCY (%)	81.7	82.7
PEAK GAIN (dBi)	5.4	7.7
POLARIZATION	Vertical	
RADIATION PATTERN	Omnidirectional (Azimuth)	
INPUT IMPEDANCE (Ω)	50	
CONTINUOUS POWER RATING (W) ²	100	

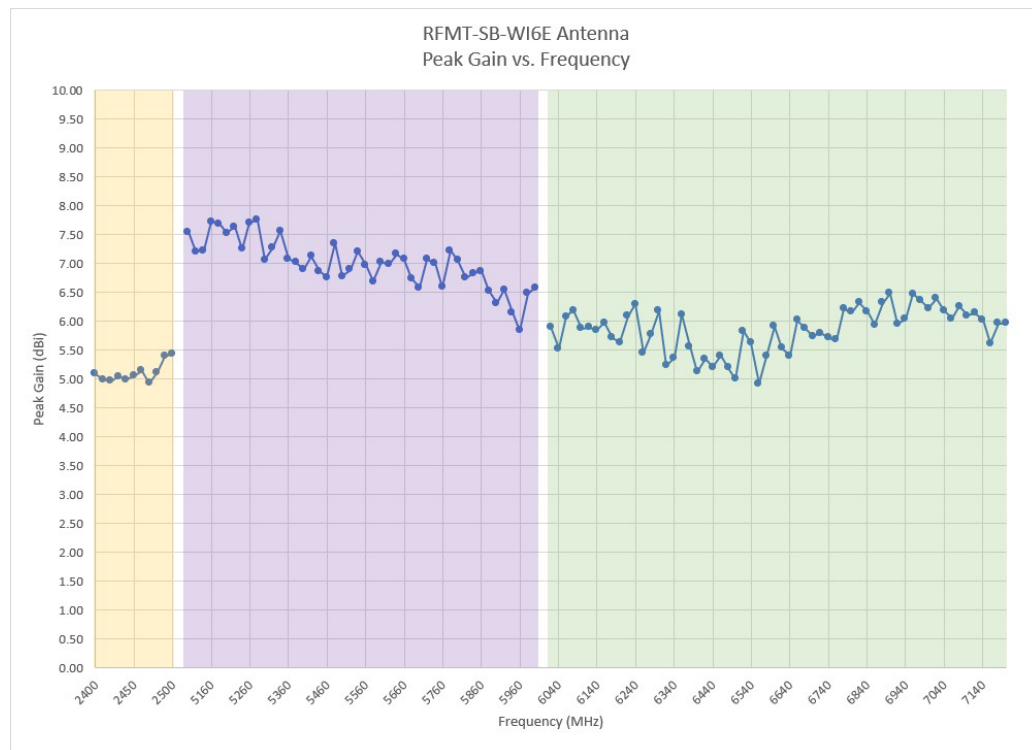
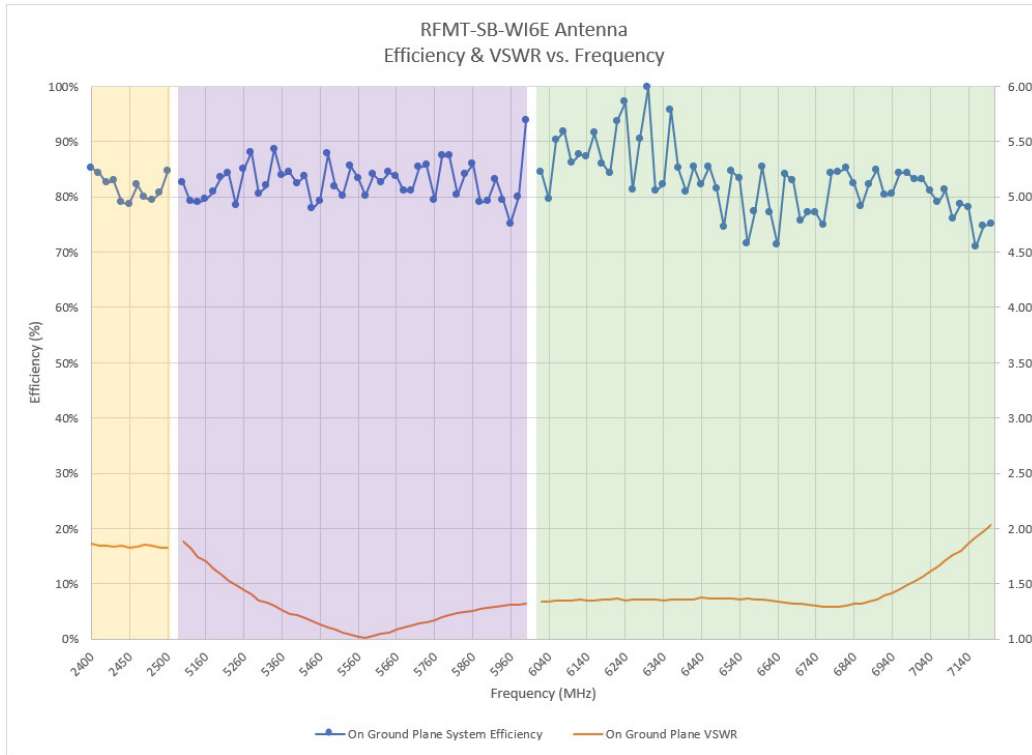
¹ Measured on 16" diameter ground plane with direct connection - no feedline loss included.

² 60 seconds applied power duration.

MECHANICAL SPECIFICATIONS

OVERALL HEIGHT (Inches)	1.67
OVERALL DIAMETER (Inches)	1.67
WEIGHT (Ounces)	2.71 (Antenna) / 2.40 (Base)
MOUNTING SURFACE THICKNESS (Inches)	.281 (MAX)
RF CONNECTION	N-Type Female (Through HF-NMO Adapter)
RADOME MATERIAL	UV-Stabilized PC/PBT (Xenoy®)
BASE MATERIAL	360 H02 Brass w/ Tri-Metal Finish
TEMPERATURE RANGE (°F)	-40 to +158

ELECTRICAL PERFORMANCE



MECHANICAL DRAWING

