

STI-CO® 5G Ultra Wideband Antenna

Low Profile High-Efficiency Antenna

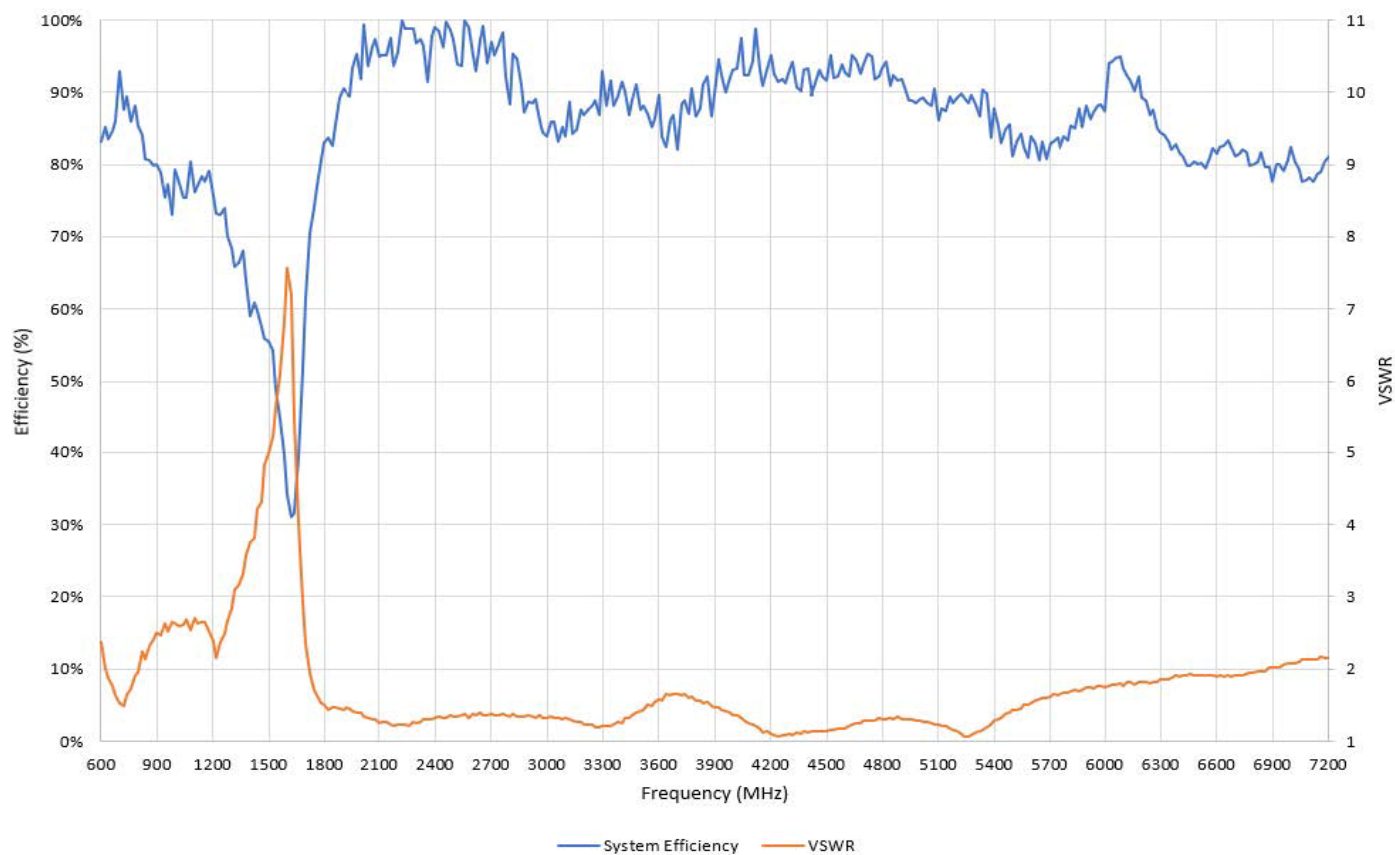
- Offering expansive coverage from 600 MHz to 7.2 GHz.
- Supports 5G NR FR1 / WiFi 6e / CBRS / Band14 / Bluetooth® and many more
- Meets MIL-STD-810 / AREMA / IPX7 / SAE J1455 environmental standards
- Rugged, compact, low-profile design for public safety, fleet, rail, military, and IoT applications
- Available in black or white
- Proudly designed & manufactured in the U.S.A. & backed by our 5 year warranty

MODEL NUMBER	RFMT-HFNMO-6/7200	
Frequency Range (MHz)	600-960	1700-7200
Bandwidth (MHz)	360	5500
VSWR	<3.0:1	<2.5:1
Average Efficiency (%)	84	88
Average Peak Gain (dBi)	2.91	7.66
Polarization	Vertical	
Radiation Pattern	Omnidirectional (Azimuth)	
Input Impedance (Ohms)	50 (Nominal)	
Continuous Power Rating (W)	50	
Overall Height (IN)	3.62	
Overall Diameter (IN)	1.67	
Weight (OZ)	3.39 (Antenna)	2.34 (HF-NMO Base)
Connection	HF-NMO (5/8" Mounting Hole Required)	
Radome Material	UV-Stabilized PC/PBT (Xenoy®)	
Temperature Range (°F)	-40 to + 158	



Electrical specifications measured on 24" diameter ground plane with direct connection to HF-NMO mount.

ELECTRICAL PERFORMANCE



Mechanical Drawing

