



# FIELD THEORY<sup>®</sup>

CUSTOM ANTENNA DESIGN & RF SOLUTIONS

## LOOSE CANNON SYSTEMS MILO

Spec Report  
07-12-2022

[www.fieldtheoryinc.com](http://www.fieldtheoryinc.com)

# Test Condition


<b>Test Conductor</b>	Tadd Scarpelli
<b>Test Conducted</b>	Peak Gain
<b>DUT</b>	Milo S/N:000153
<b>Equipment Used</b>	3-meter anechoic antenna chamber equipped with a dual-pol quad-ridge horn receiver antenna and an EL-AZ positioner with laser positioner

# Peak Gain

Antenna	Frequency (MHz)	Gain (dBi)
Field Theory Antenna, FTLRAF025, ANT #1	852	-2.3
	858	-2.0
	863	-1.7
	868	-1.4
	875	-1.2
	882	-1.1
	887	-1.1
	894	-1.1
	900	-1.15
	905	-1.3
	915	-1.3
	918	-1.4
	924	-1.5
	930	-1.8
	936	-2.1
941	-2.4	
ISM 2.4G, ANT #2	2400	1.88
	2440	2.32
	2480	2.65
2.4G /5G, Wi-Fi/BLE, ANT #3	2400	-1.07
	2440	-0.493
	2480	0.422
	5180	-1.42
	5500	-0.2
	5800	1.02

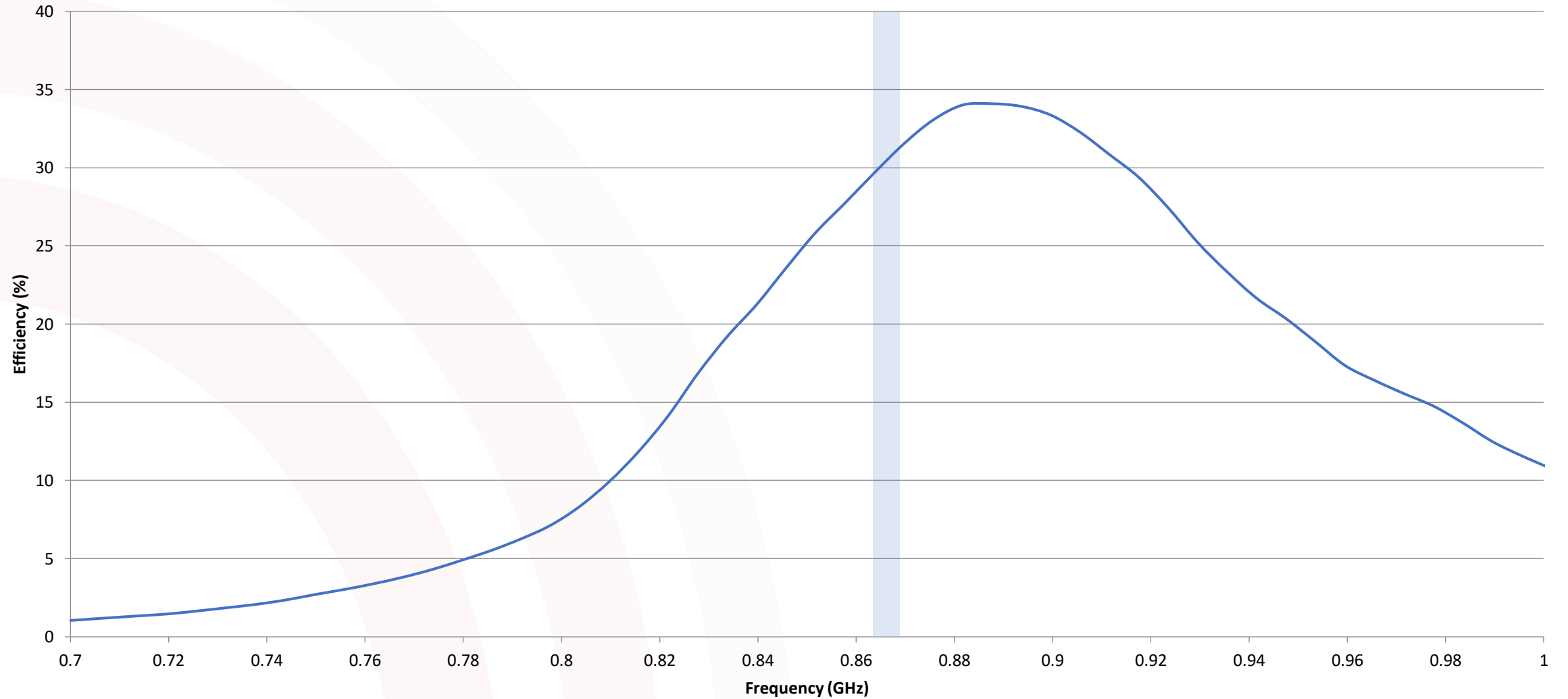


FULLY ANECHOIC 3 METER  
ANTENNA CHAMBER



# Antenna #1 Field Theory Antenna LoRa

# Passive Efficiency 868 MHz



# Passive Efficiency 915 MHz

