



LOOSE CANNON SYSTEMS
MILO

Spec Report
07-12-2022

www.fieldtheoryinc.com

Test Conductor	Tadd Scarpelli
Test Conducted	Peak Gain
DUT	Milo S/N:000153
Equipment Used	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

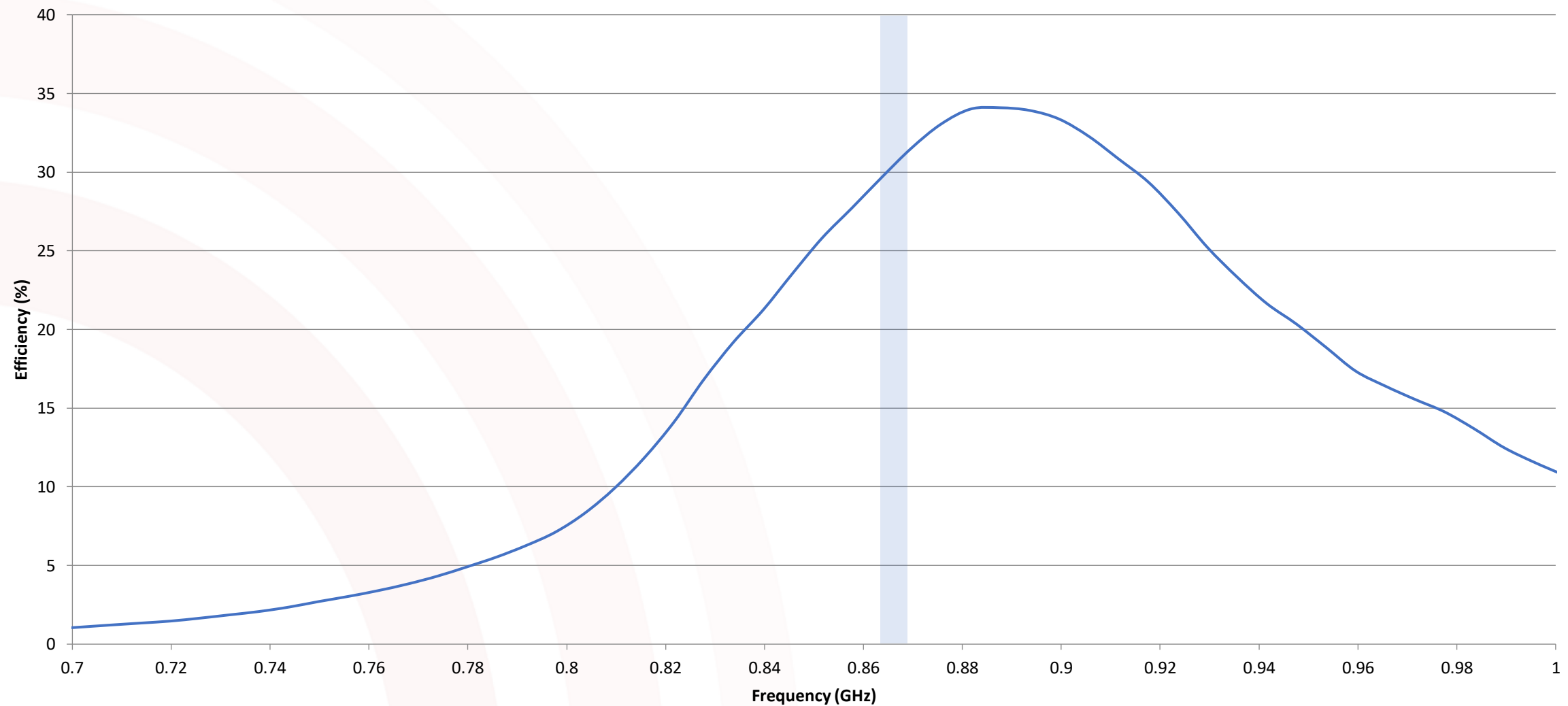


FULLY ANECHOIC 3 METER
ANTENNA CHAMBER



Antenna #1 Field Theory Antenna LoRa

Passive Efficiency 868 MHz



Passive Efficiency 915 MHz

