

MSA X30/X50 Refrigerant Gas Monitor BLE Antenna Datasheet



Antenna Information:

Antenna Manufacturer:

MSA Innovation, LLC

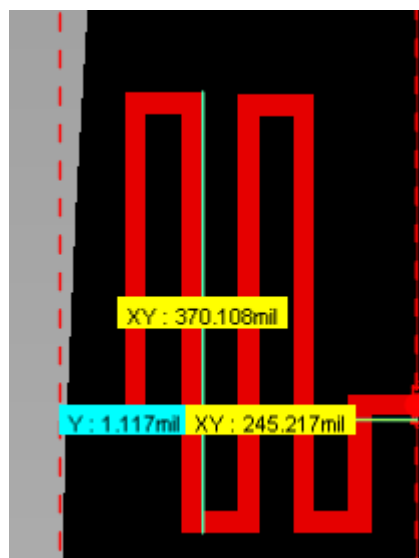
1000 Cranberry Woods Drive

Cranberry Township, PA 16066

PCB Part Number / Layout:

1100-3108

Antenna	Type	Dimensions (mm)	Frequency (MHz)	Turns	Gain (dBi)
BLE	Micro Strip/Printed	9.4 x 6.2	2402-2408	4	3.73



Gain:

3.73 dBi

DEKRA Test Report #: NEI:82457RBT.001

DEKRA Testing and Certification, S.A.U.
Parque Tecnológico de Andalucía,
c/ Severo Ochoa nº 2 - 29590 Campanillas - Málaga - España
C.I.F. A29 507 456



Antenna Gain	3.73	dBi
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Report No: NIE:82457RBT.001

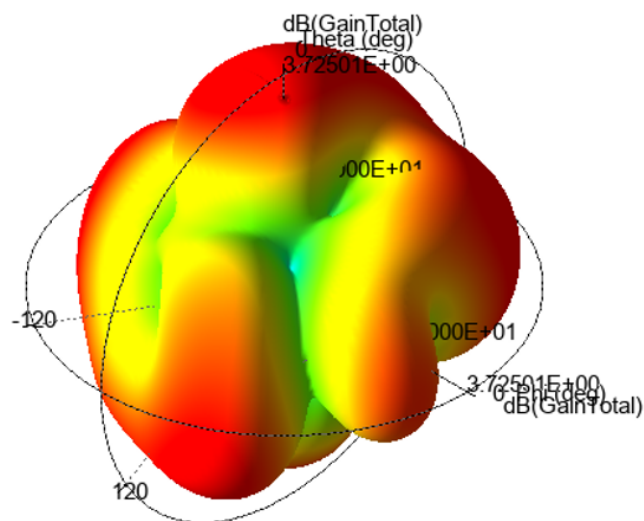
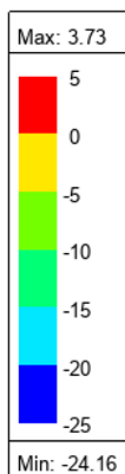
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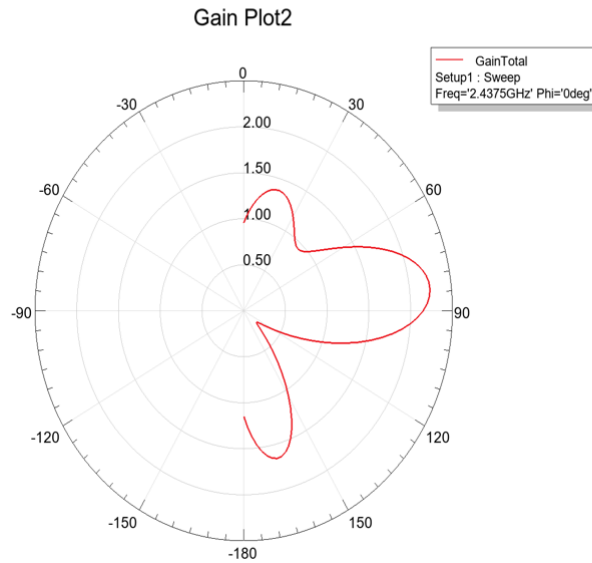
Gain 3D

Gain Plot - 2.43GHZ

Max Gain =
3.73dB



Gain 2D – Phi 0deg



HFSSDesign1 Ansys
2025 R1

Impedance:
50 Ω

Smith Chart:

