



-7RF Antenna- Senceive Device

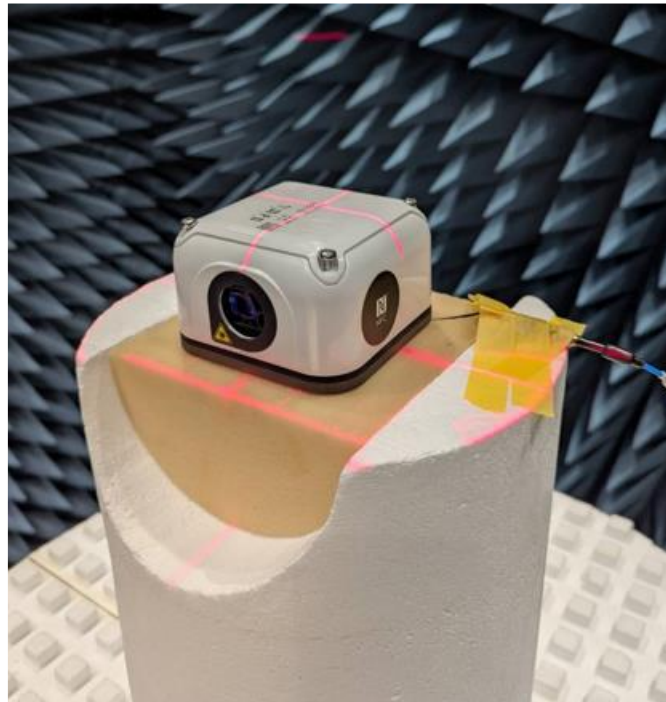
EPA-012-915MHz PCB Antenna Measurement Report

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Revision: A

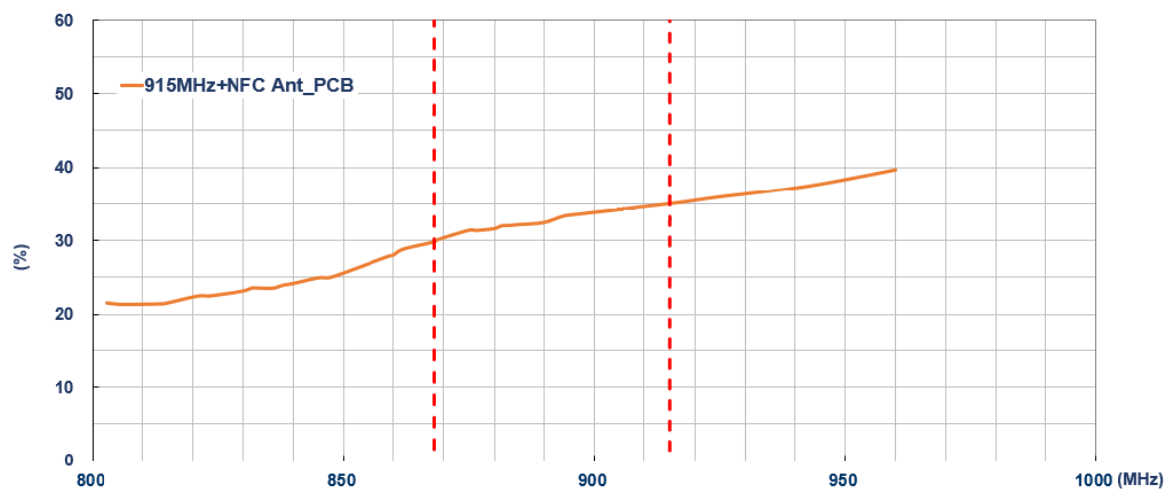
Date: 2024/11/20

1. Antenna Parameters



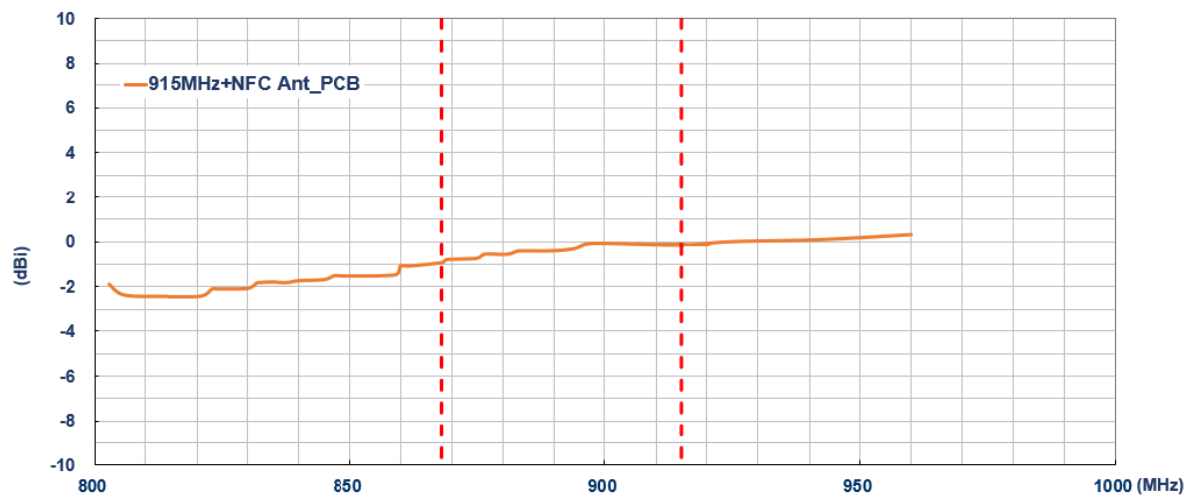
Efficiency

EPA-012-915MHz

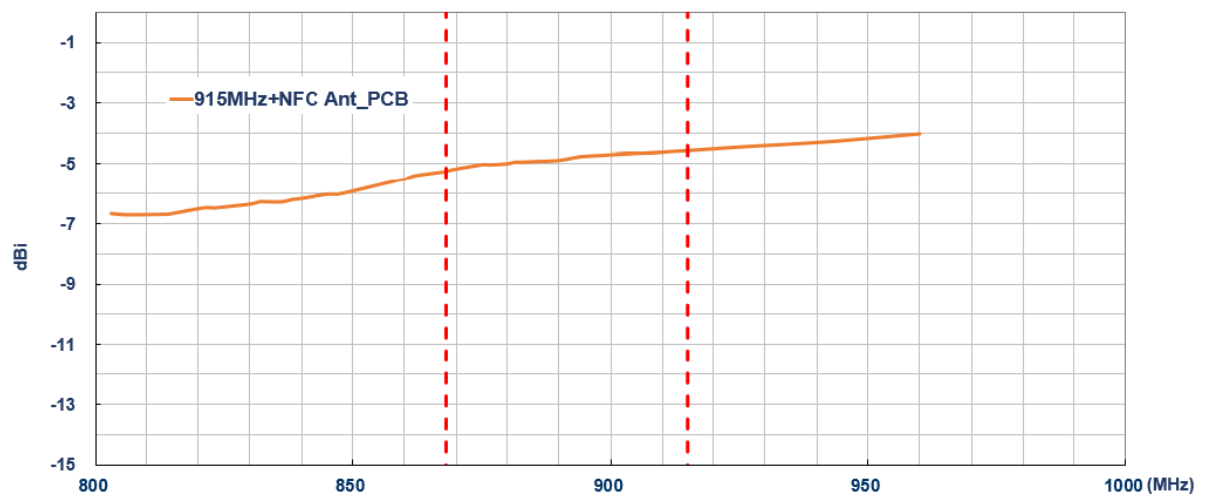




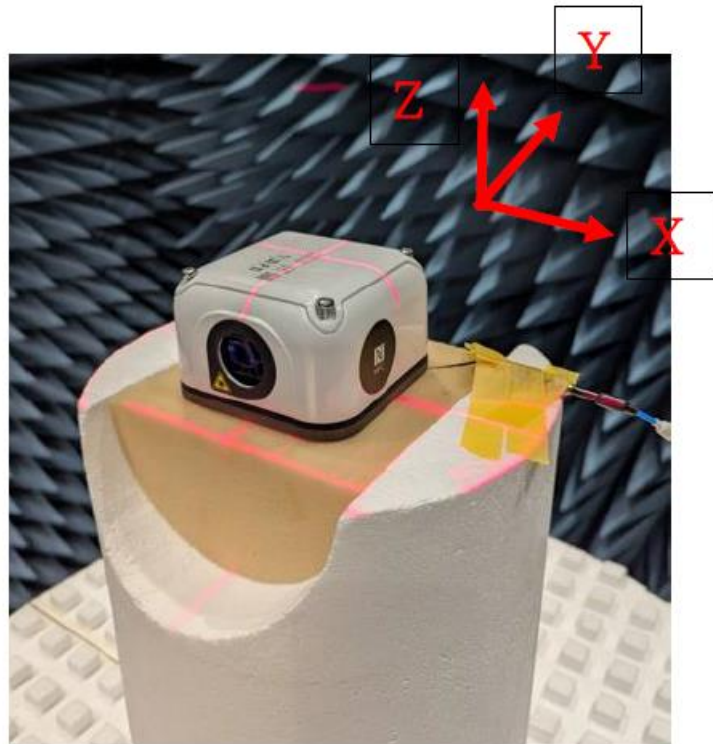
Peak Gain -EPA-012-915MHz



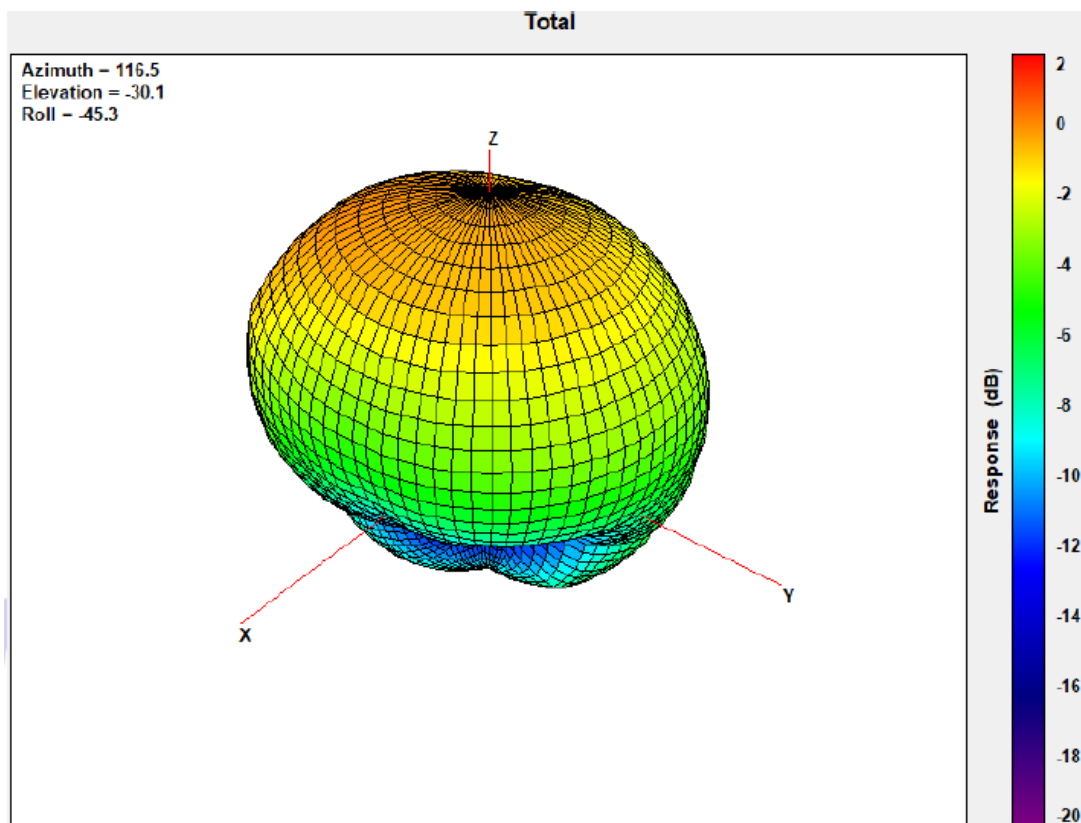
Average Gain - EPA-012-915MHz



2. Radiation Pattern



3D Radiation Pattern - EPA-012-915MHz



3. Performance Table - EPA-012_ISM 915

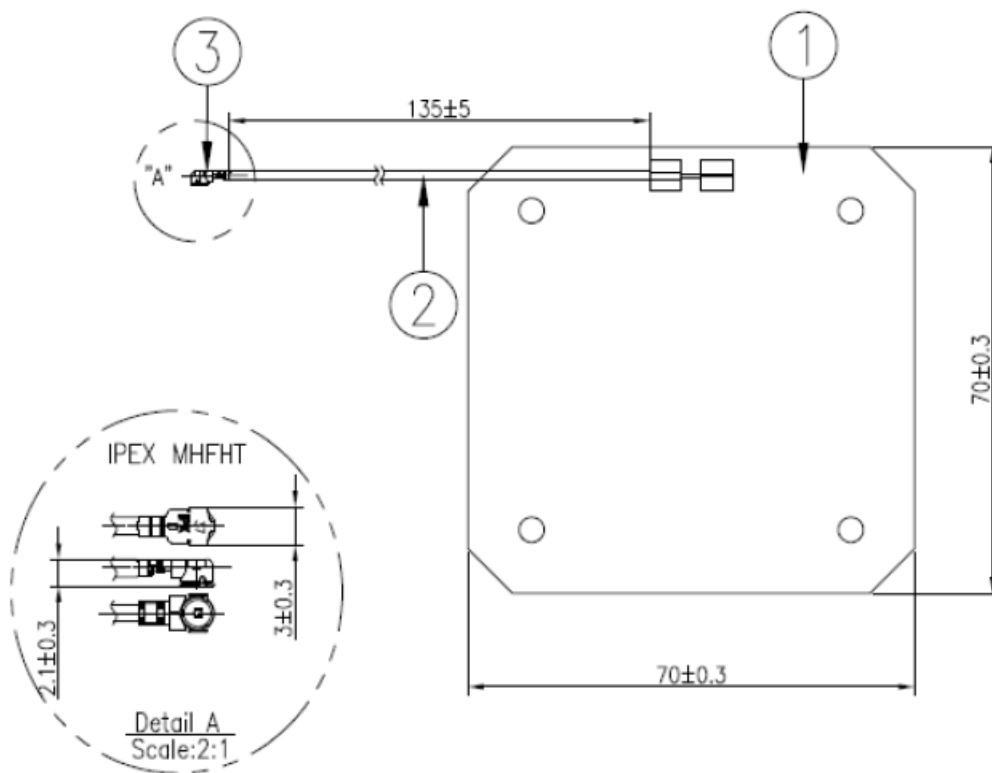
915MHz+NFC Ant_PCB

Frequency 915MHz – Application Band 915

Antenna Performance Item	Antenna Performance Value
Efficiency	34.97%
Average Gain	-4.56 dBi
Peak Gain	+0.01 dBi

4. Drawing - EPA-012_ISM 915

All dimensions in mm



NOTES:

1.All material must be RoHS compliant.

	Name	Material	Finish	QTY
1	70*70*1.6mm PCB	FR4	Black	1
2	OD 1.37mm Cable	FEP	Black	1
3	IPEX MHFHT Conn.	Brass	AU Plated	1