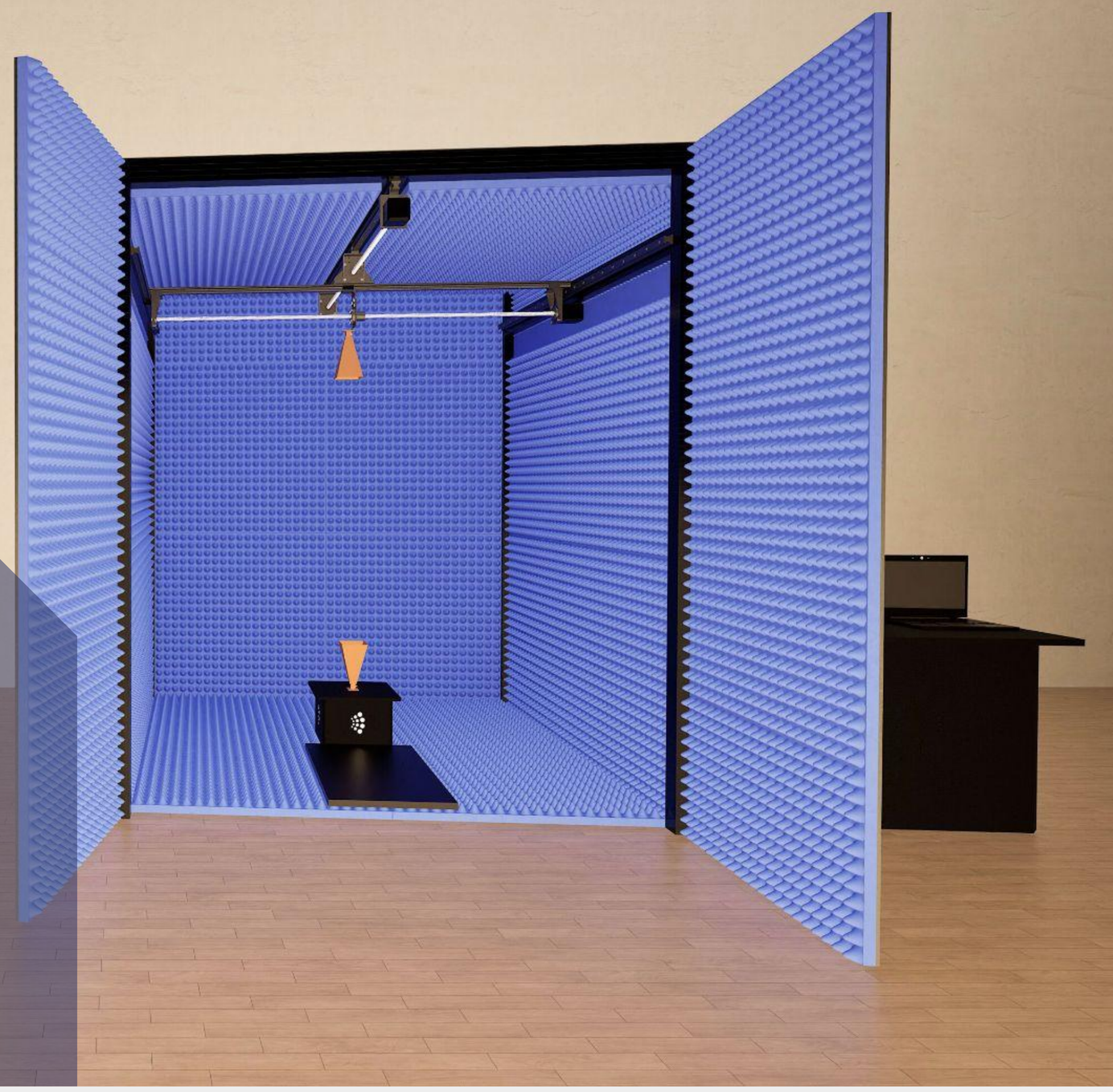
SISIR RADAR

NF-AMF-HEXAHEDRON

NEAR FIELD ANTENNA MEASUREMENT FACILITY



Sisir Radar’s Near Field Antenna Measurement System offers fully automated high-precision scanning technology. The anechoic chamber provides a seamless and fast software-controlled scanning system with the measurement spacing as low as 5 mm. Depending on the frequency range of the antenna, both far-field and near-field patterns can be obtained using the software-integrated system.

TECHNICAL SPECIFICATIONS

Maximum Scanning Area	1.5 m x 1.5 m	Scan Speed	100 scan points with 5 cm spacing (10 x 10) in 4 minutes
Scanning System	Horizontal	Provided Antenna RF Cable Length	5 - 8 m
Height	Adjustable as required	Standard Dimension (L × W × H)	9 ft × 9 ft × 7 ft (customisable)
Planar Measurement System	Horizontal	Supported RF Device	Vector Network Analyzer

ADVANTAGES

Controlled Environment

RF device under test is completely isolated and hence unaffected by external factors such as temperature, humidity, and other RF sources

Accurate Measurements

RF absorbers on all 6 sides of the anechoic chamber ensure highly accurate measurement of the RF device under test

Far Field Projection

From near-field patterns, far-field patterns can also be calculated using the proprietary software

Scanning System

The system provides a stepper motor-driven automated scanning mechanism, designed for a faster and precise scanning process

CONTACT: +91-3348110668 namaskar@sisirradar.com www.sisirradar.com Kolkata, India

FOLLOW US: facebook.com/sisir.radar linkedin.com/sisir-radar twitter.com/sisirradar instagram.com/sisir.radar