

ADT SIRENZW60R0-29

Antenna Test Report

May. 20, 2026

Carl Hung

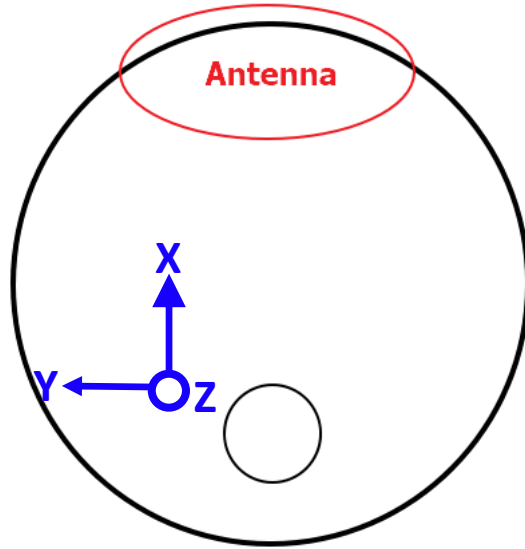
Antenna Design Department

Outline

- Antenna Structure & Placement
- Return Loss
- Radiation Pattern
- Peak Gain & Efficiency



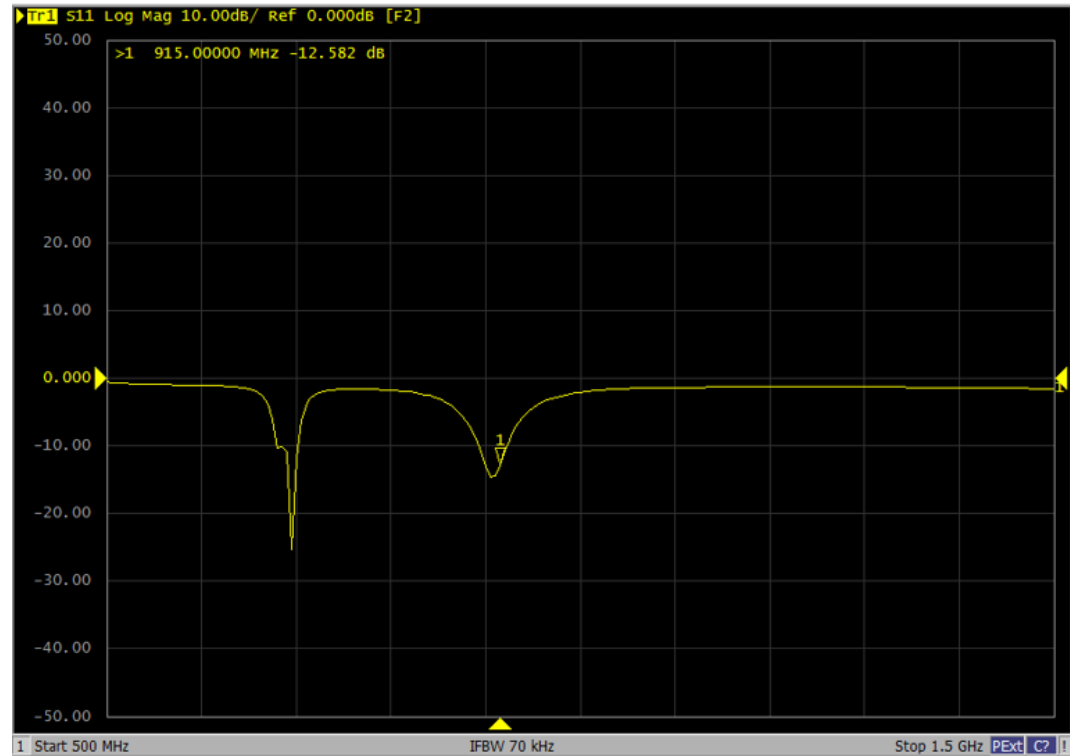
Antenna Structure & Placement



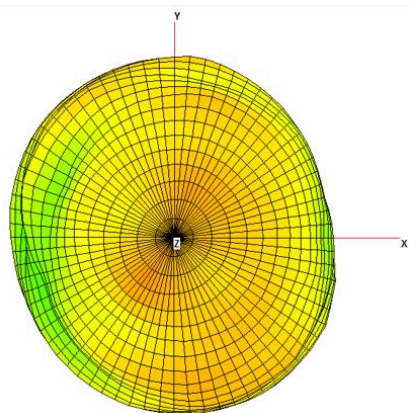
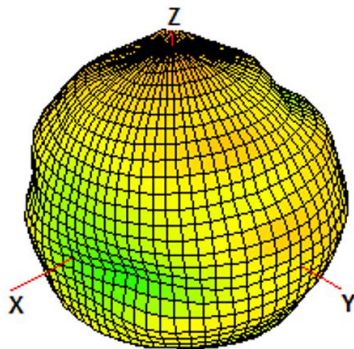
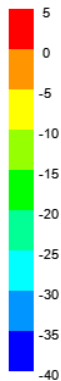
PN:61721MN00K

Ant No.	Operating Band	Type	Material	Feeding	Dimension
Ant 1	Z-wave	PIFA	Metal	Trace	45.27 x 8.8 x 13.93 mm ³

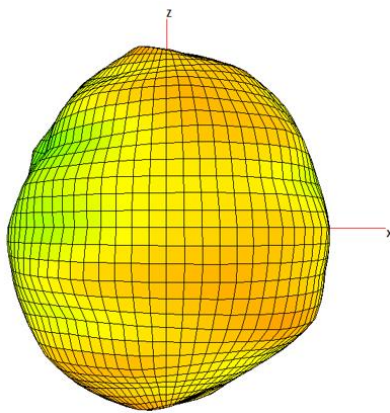
Return Loss



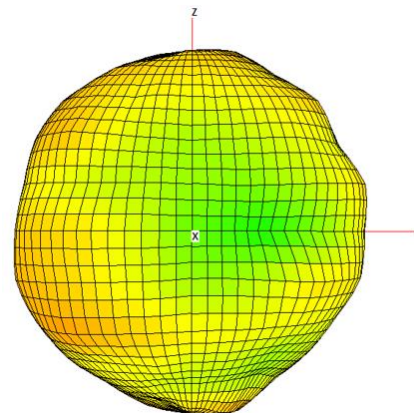
3D Radiation Pattern



XY Plane



ZX Plane



ZY Plane

Peak Gain & Efficiency

Frequency(MHz)	Efficiency(%)	Peak Gain(dBi)
915	42.4	0.8

Manufacturer

Speed Wireless Technology Inc.

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