

CUB 2.4GHz SMD Antenna

Part Number: GA123416BL02

BL02



Antennas Measurement Report

1st Aug 2025

Green Antenna
Designs, Solutions and Consultancy

Product Overview

CUB 2.4GHz SMD Antenna

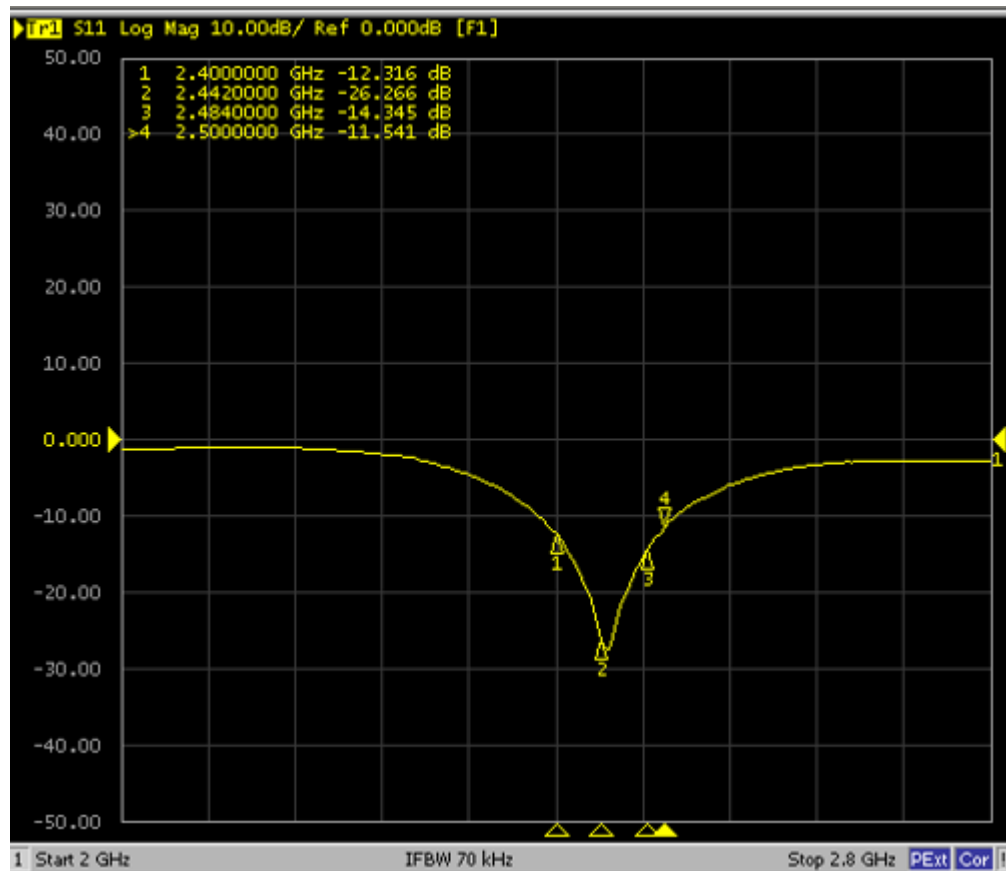
Part Number: GA123416BL02



BL02- BT Antenna S11

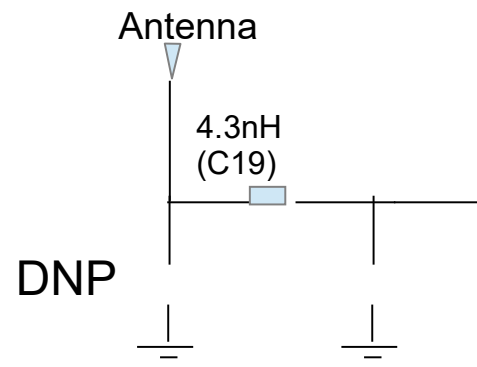


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(C19)4.3nH: LQG15HS4N3S02



BL02- BT Antenna Total Efficiency



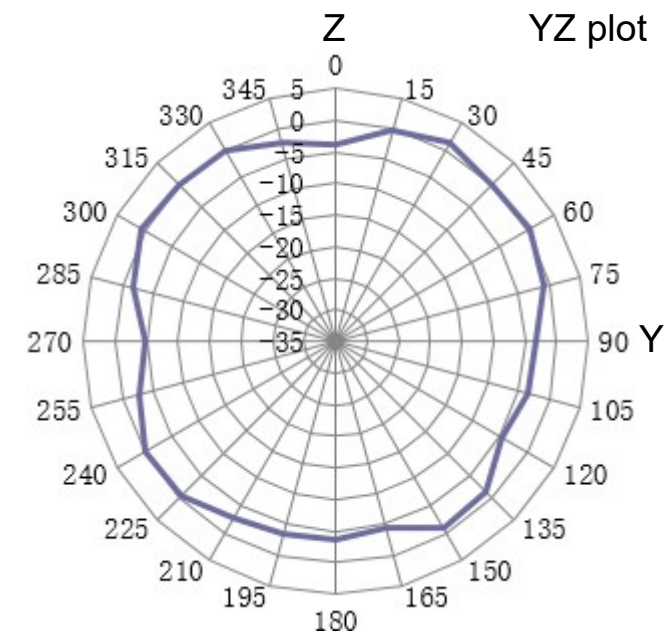
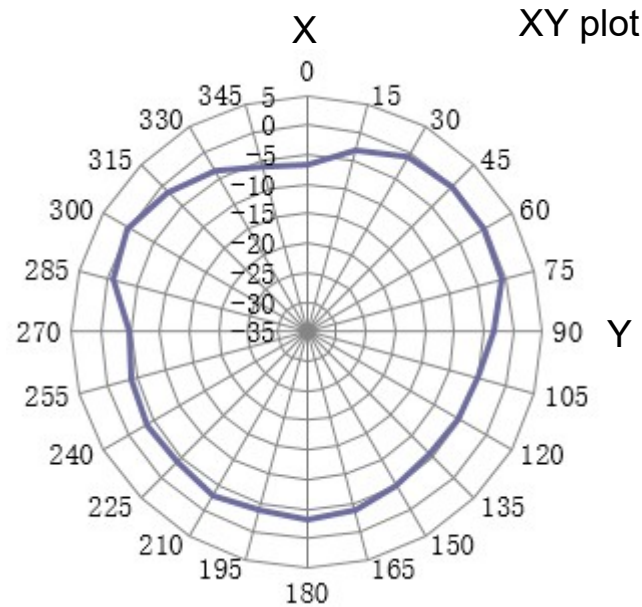
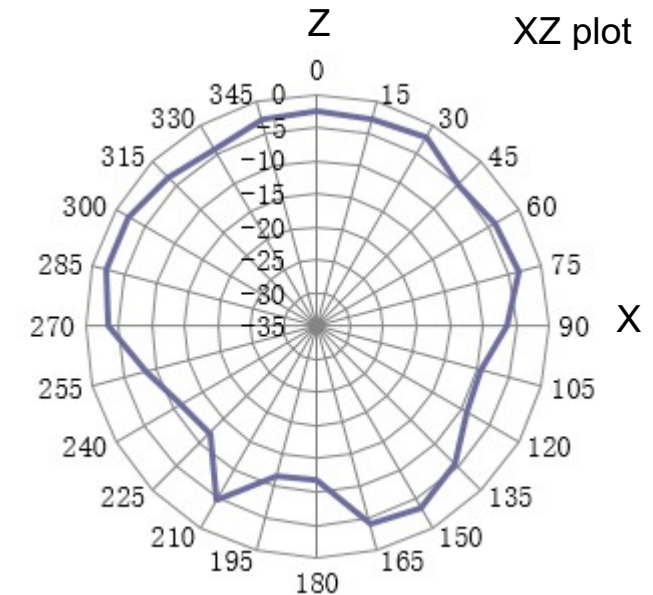
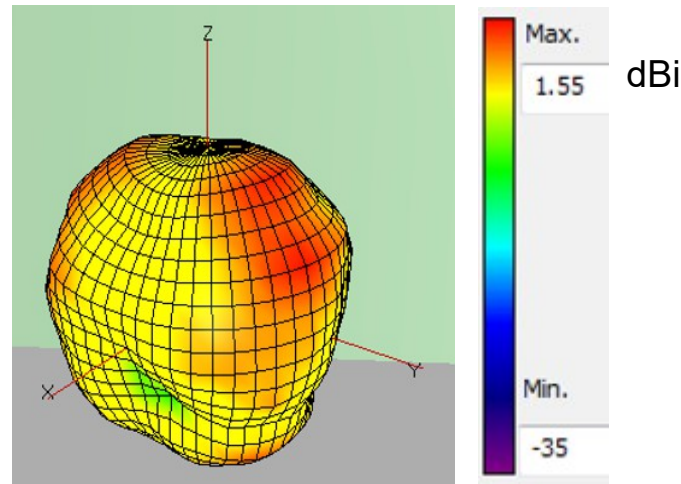
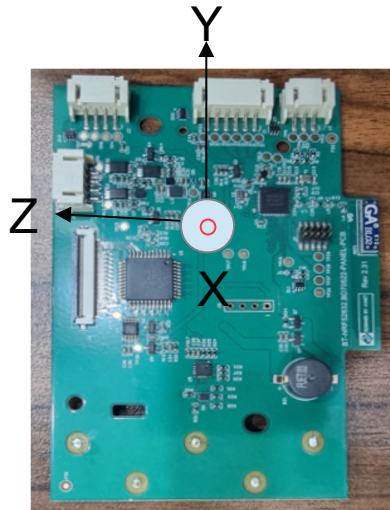
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Frequency (MHz)	Efficiency (%)	3D Gain (dB)	Peak Gain (dBi)
2400.00	55.01%	-2.60	1.55
2402.00	55.26%	-2.58	1.55
2441.00	65.00%	-1.87	2.31
2442.00	66.13%	-1.80	2.51
2450.00	67.71%	-1.69	2.53
2480.00	65.40%	-1.84	2.37
2484.00	64.91%	-1.88	2.49
2500.00	61.30%	-2.13	2.33

BL02- BT Antenna Radiation Pattern @ 2402MHz



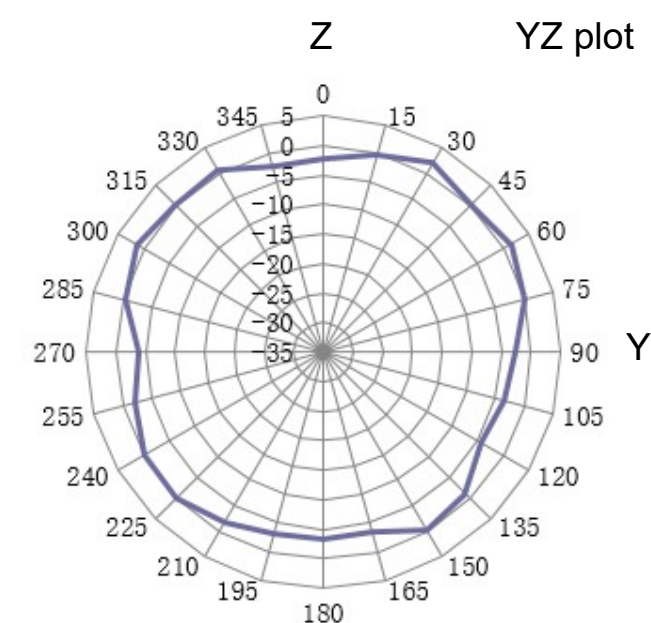
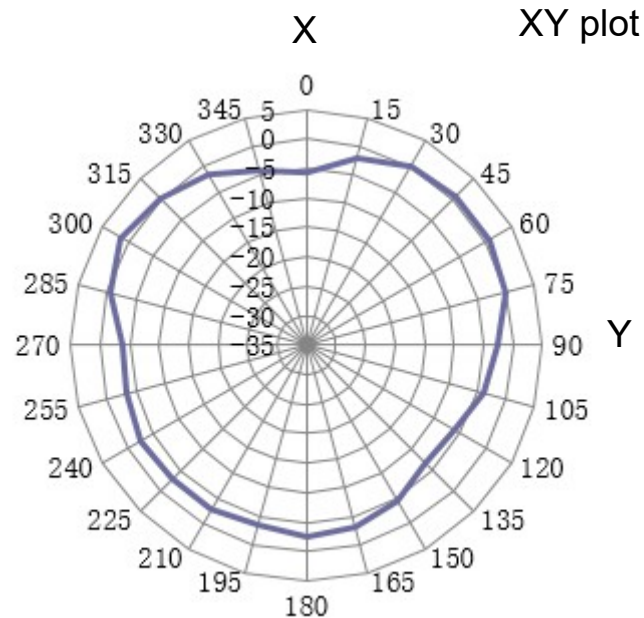
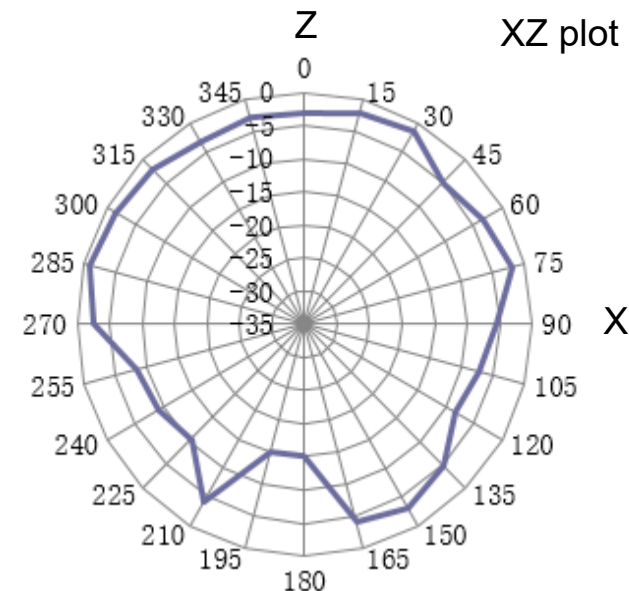
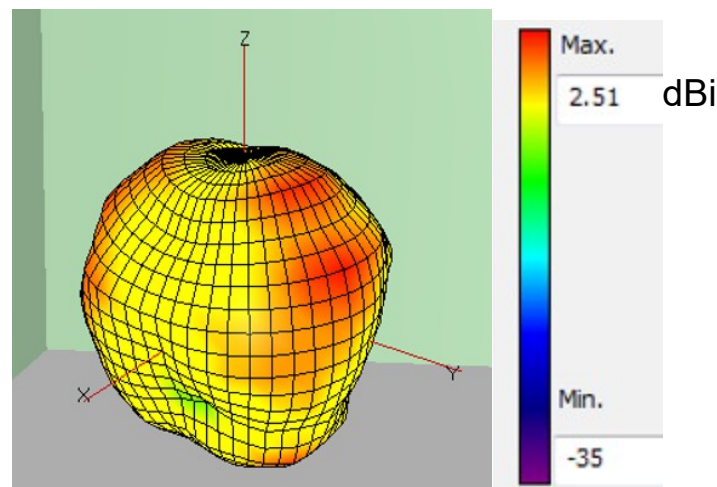
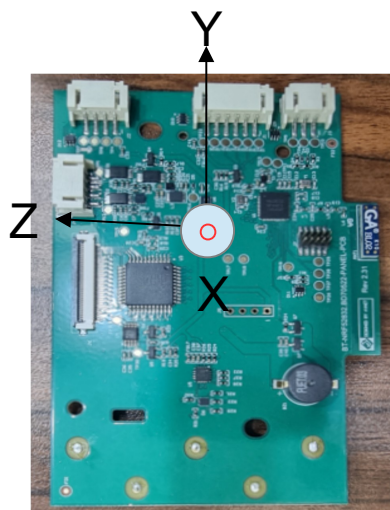
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BL02- BT Antenna Radiation Pattern @ 2442MHz



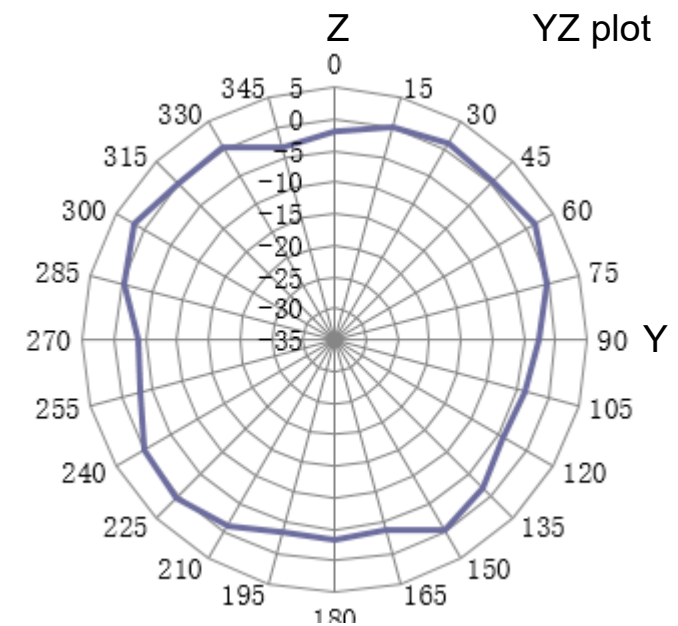
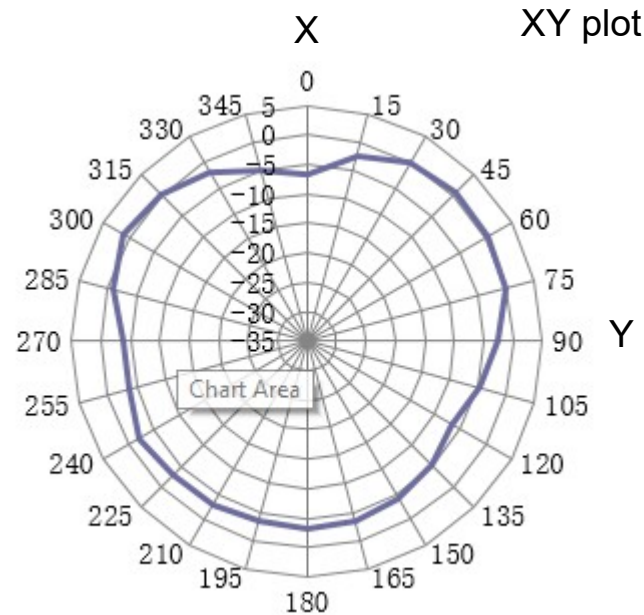
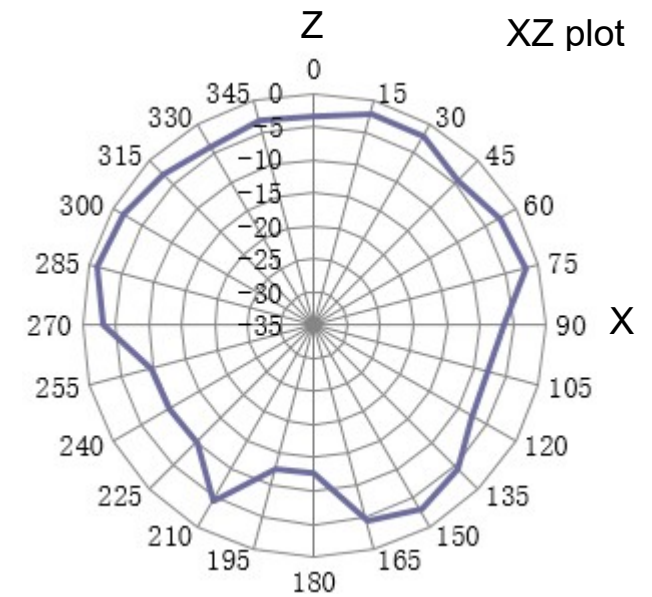
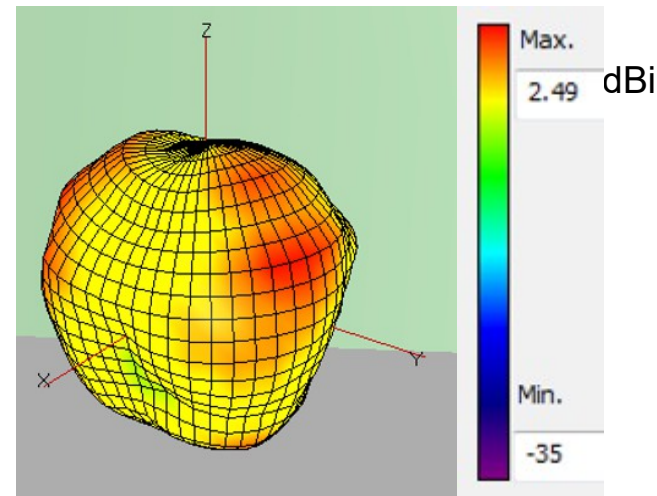
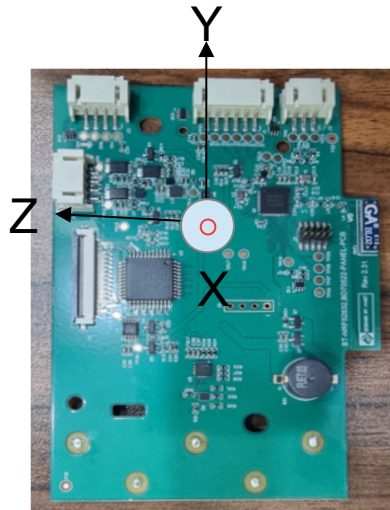
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BL02- BT Antenna Radiation Pattern @ 2484MHz



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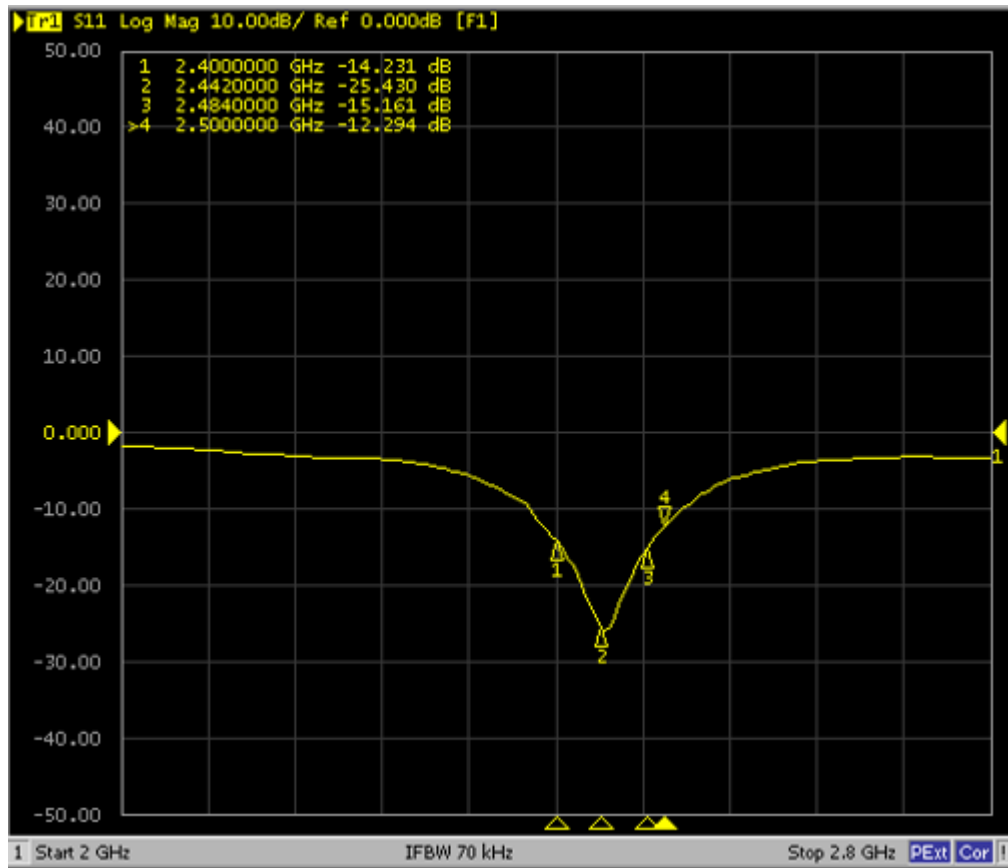
BL02- BT Antenna S11 – With Casing and Stand (final released)



BL02- BT Antenna S11 – With Casing and Stand (final released)



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