

TE L001102-01

FCC/ISED Radio Act Application Antenna Information



L001102-01 Antenna Application information

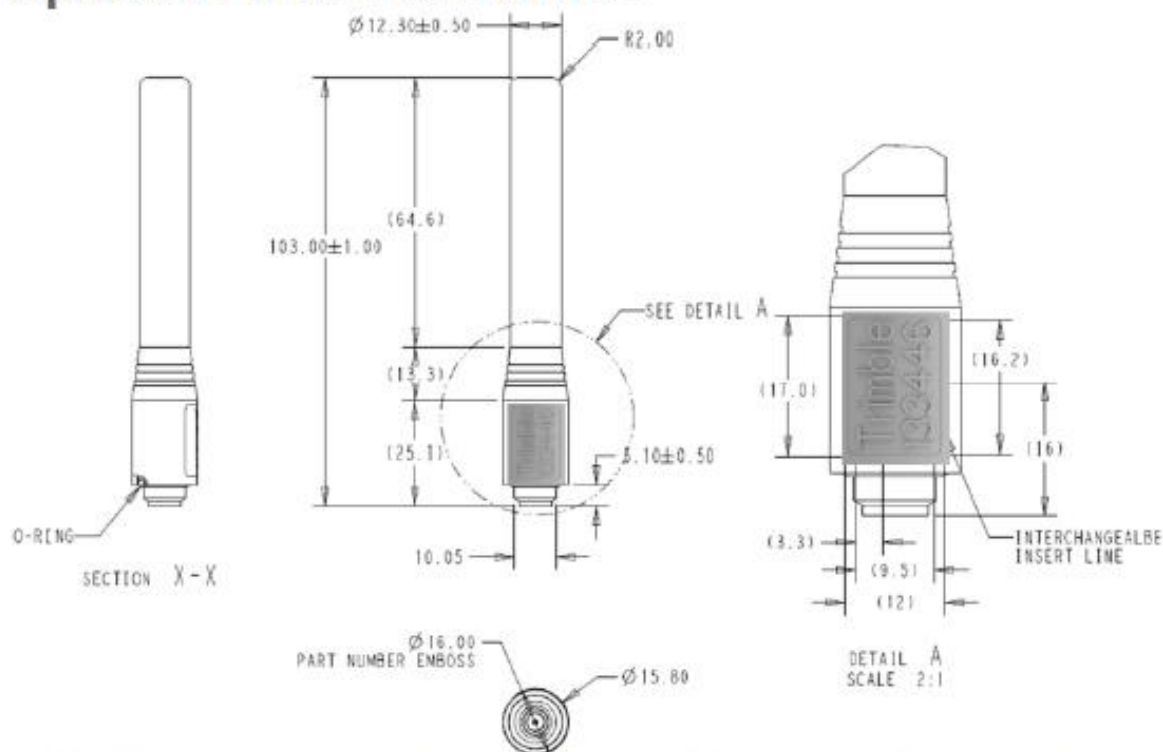


Target module part number : LBWA0ZZ2HK
Antenna Product Name : L001102-01
Antenna Type : Monopole antenna
Antenna Peak Gain : 2.1dBi @ 863~928MHz
Antenna Connector Type : RP-SMA
Antenna Manufacture : TE Connectivity
Manufacture Address : TE Connectivity plc
Parkmore Business Park West,
Parkmore,
H91VN2T Ballybrit,
Galway, Ireland

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Proposed Antenna Outline



TE L001102-01

Antenna Under Test Report

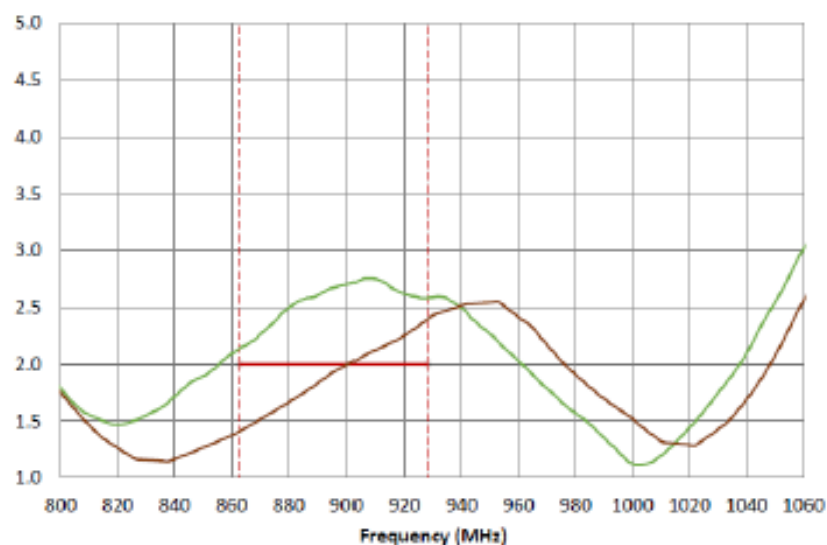


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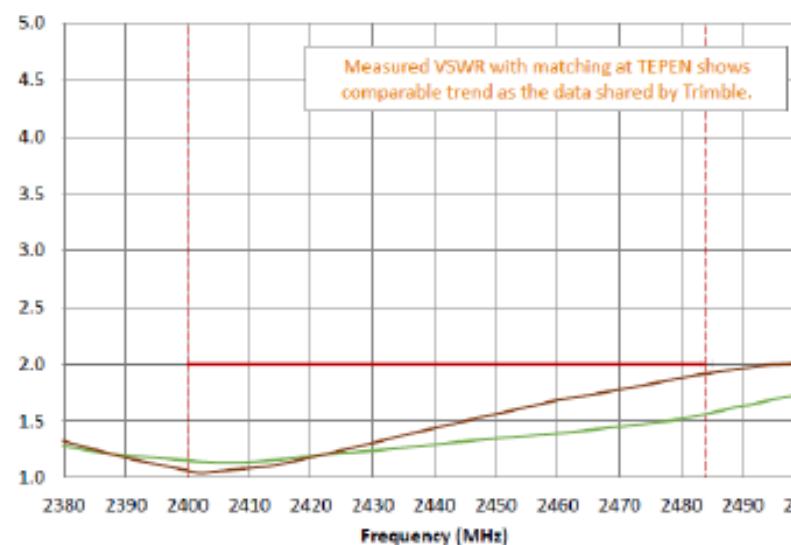
VSWR

3rd Mockup: with Matching



— 3rd Mockup (w matching)_LB

— S4 (Trimble)-LB



— 3rd Mockup (w matching)_HB

— S4 (Trimble)-HB

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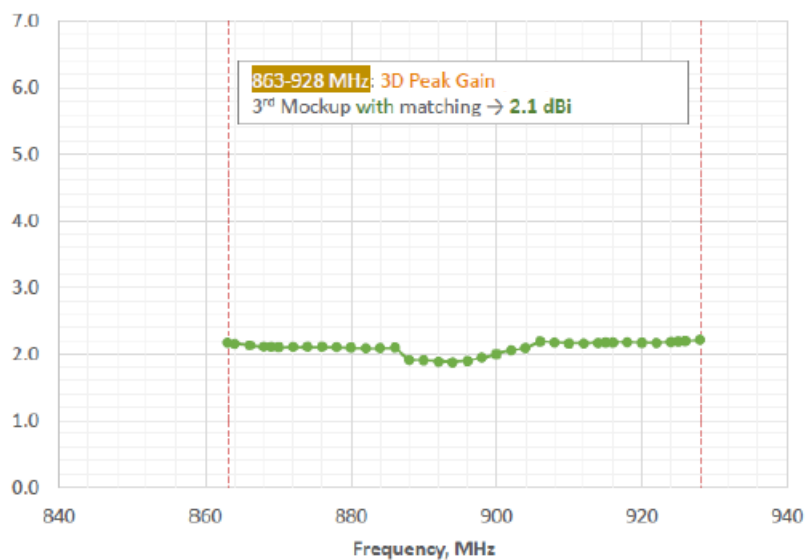
3D Peak Gain

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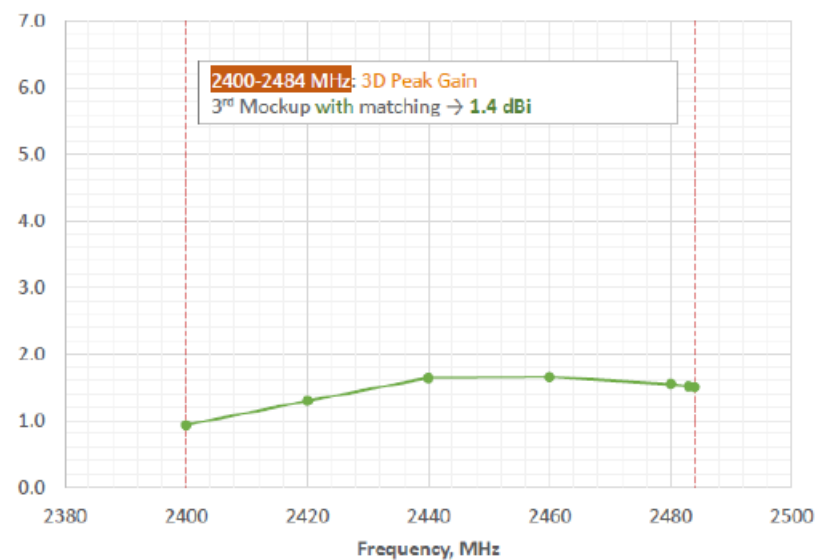


3D Peak Gain

863-928 MHz



2400-2484 MHz



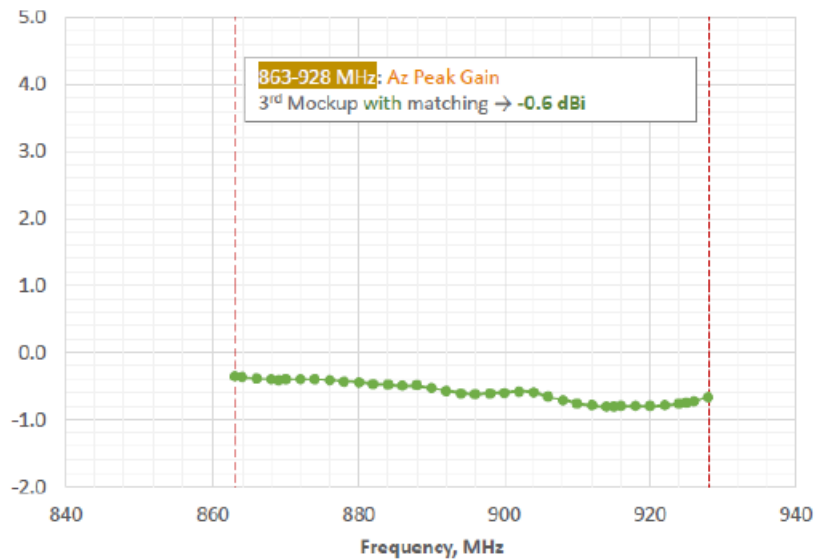
Peak Gain @Theta 90°

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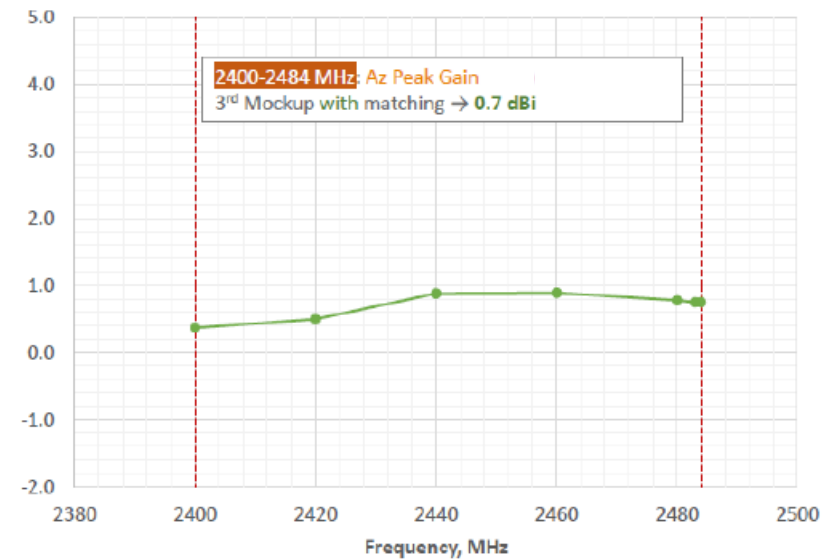


Peak gain @Theta 90°

863-928 MHz



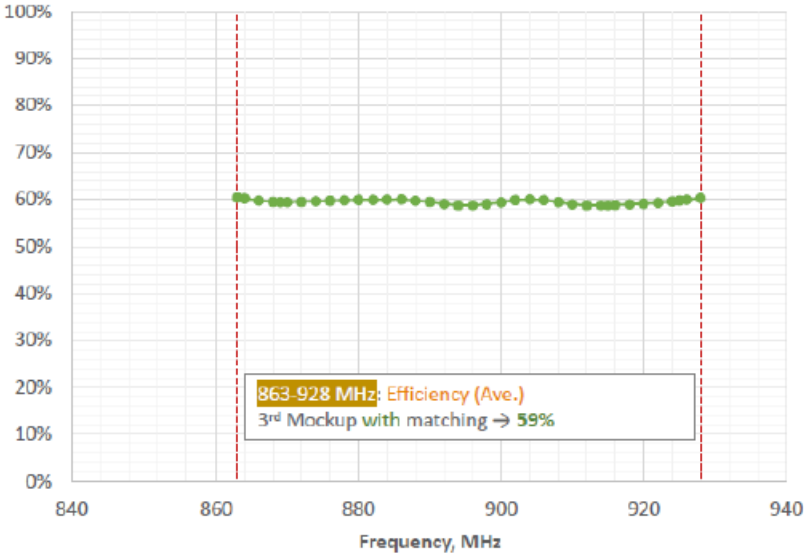
2400-2484 MHz



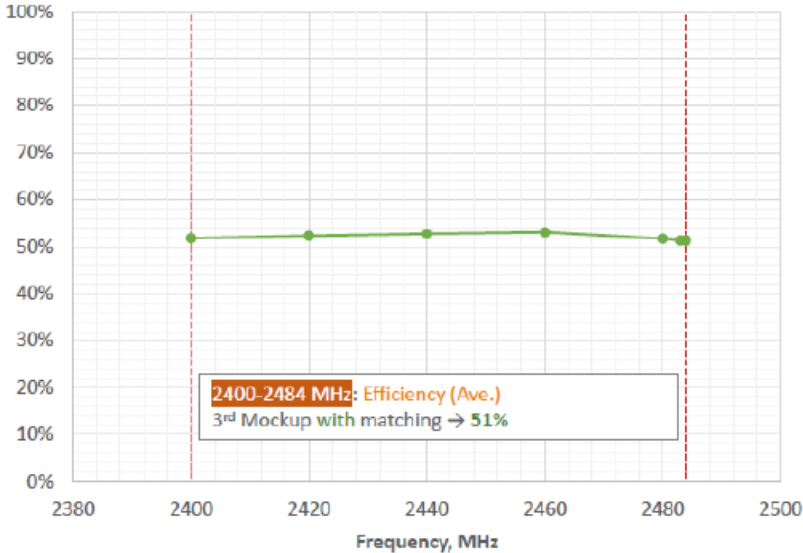


Efficiency

863-928 MHz



2400-2484 MHz



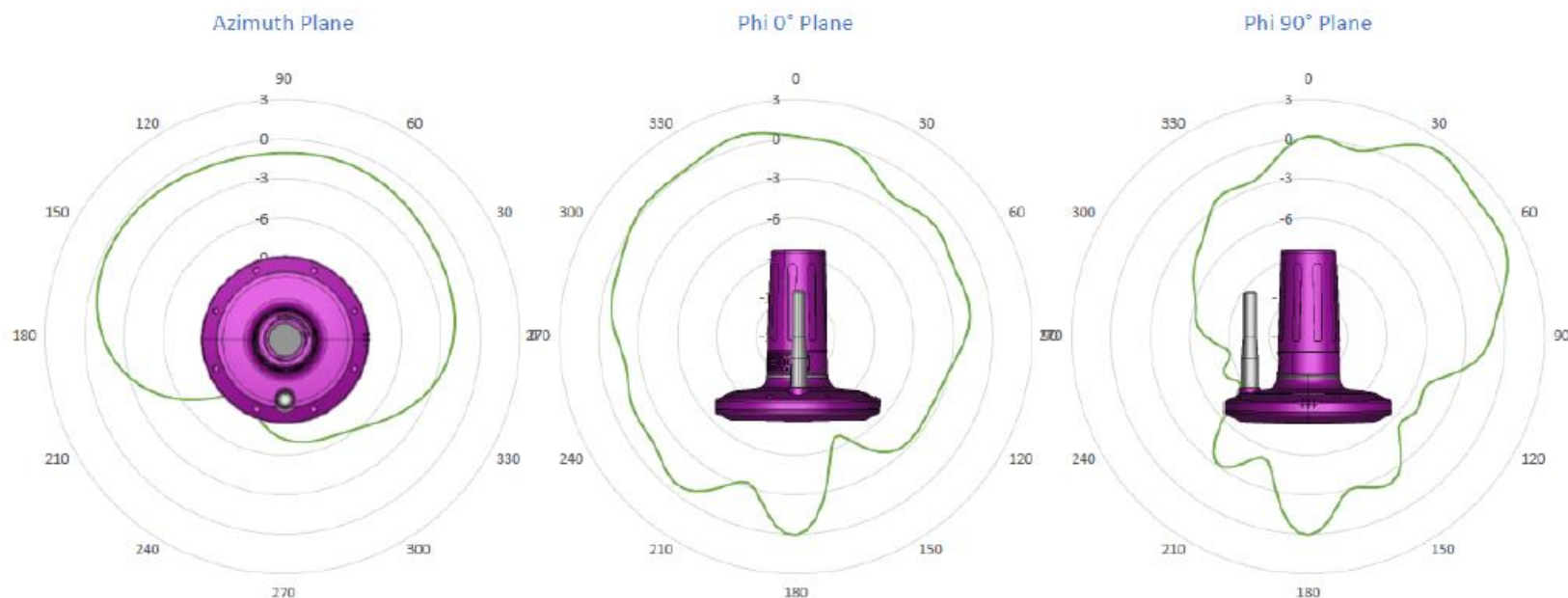
Radiation Pattern @863MHz

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Radiation Pattern

863 MHz



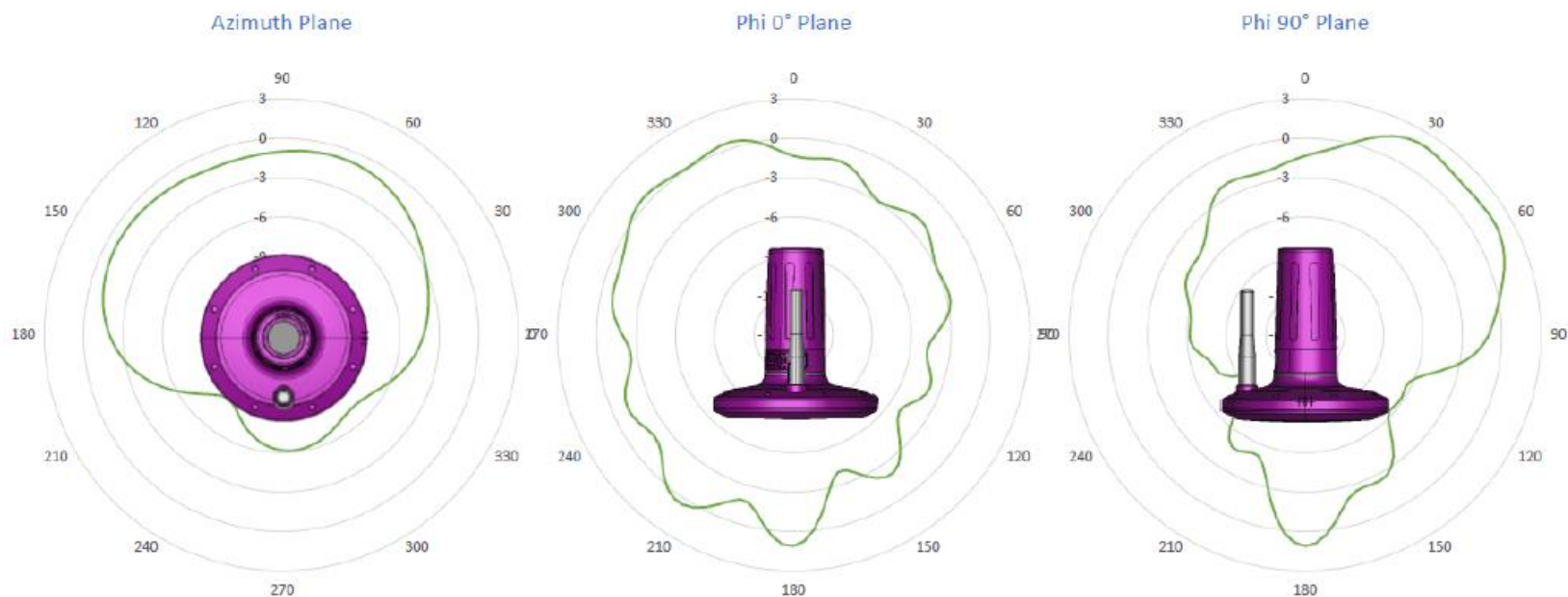
Radiation Pattern @928MHz

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Radiation Pattern

928 MHz



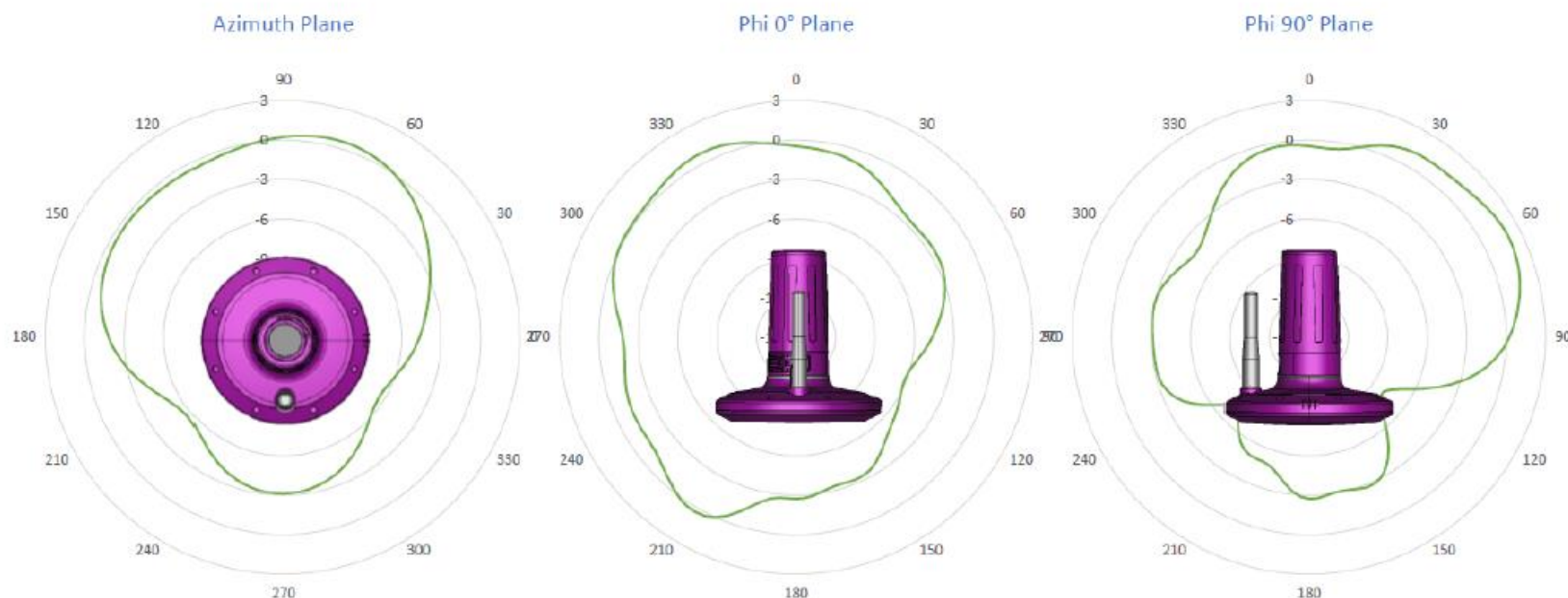
Radiation Pattern @2400MHz

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Radiation Pattern

2400 MHz



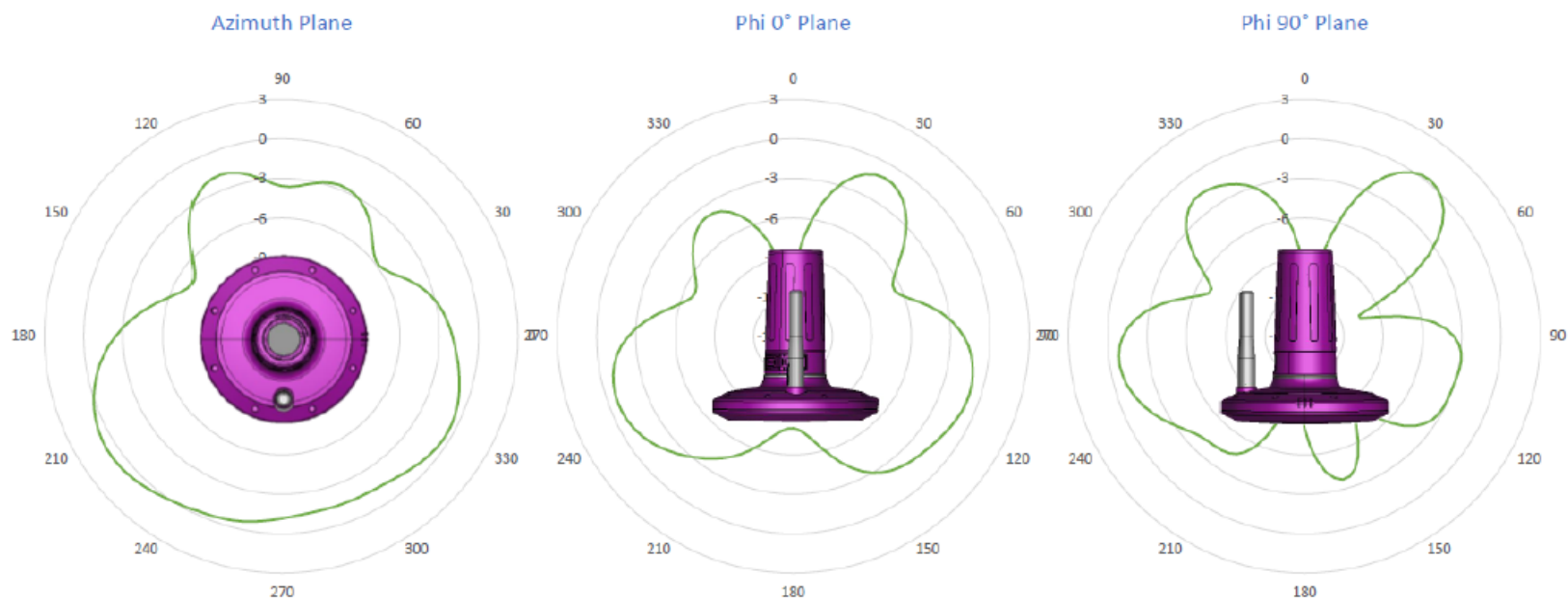
Radiation Pattern @2484MHz

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Radiation Pattern

2484 MHz





end