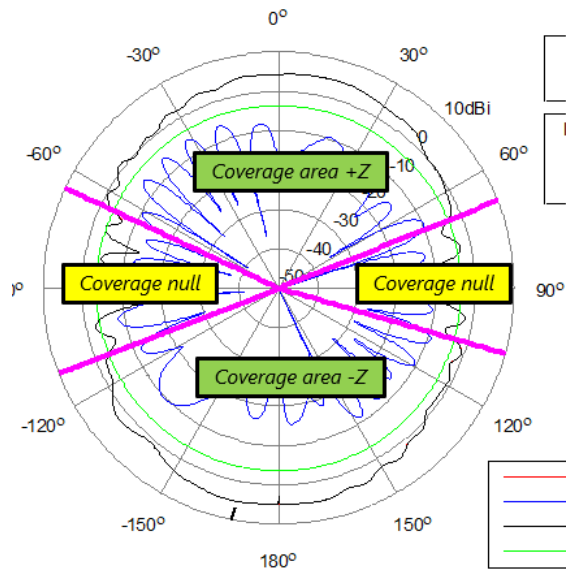


Attachment 4. ATHENA SUP BEAM SATELLITE RECEIVE ANTENNA PATTERN

- Cut at $\phi = 0^\circ$

- Heritage test data at 2037 MHz

Athena CMD Predicted Composite Patterns Deployed
(Phi = 0° Cut) in S/C CS; Freq 2.0370GHz



FM test data at 2082 MHz

