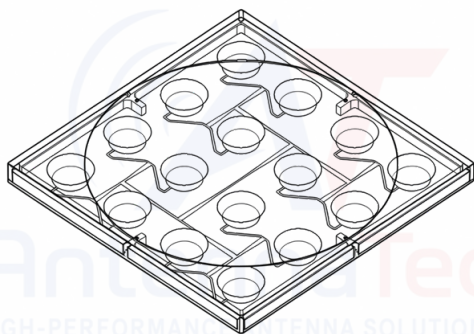


AT-A-1.35-1.45-S



Please contact AntennaTec for a full interface control drawing.

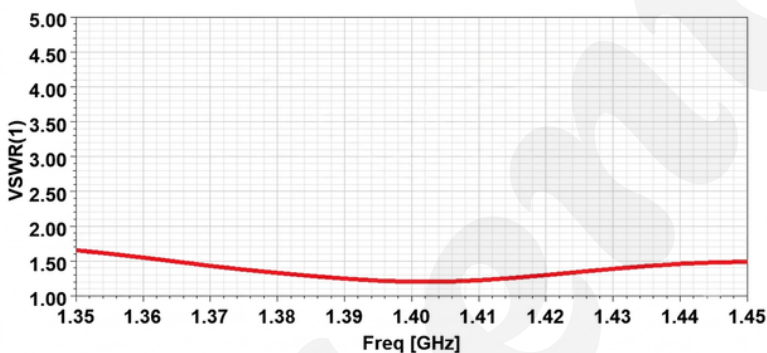
1.35-1.45 GHz planar array antenna fitted with ABS plastic radome and SMA connector

Key Specifications

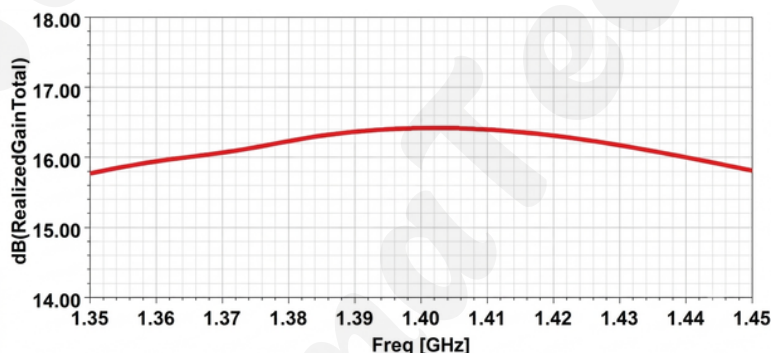
Operating frequency band	1350-1450 MHz
Connector	SMA (4-hole flange panel mount)
VSWR	< 2:1
Gain (typical)	16 dBi
Polarization	linear
Size	576mm x 576mm x 37mm
Impedance	50 ohm
Substrate	FR-4

AntennaTec's L-band planar array antenna is developed for applications requiring focused directional coverage, strong link performance, and reliable operation around the 1400 MHz band. Its high-gain planar array architecture provides stable beam performance in a compact, low-profile format, making it suitable for tracking systems, telemetry links, wireless monitoring platforms, UAV ground stations, point-to-point communication, and application-specific RF installations. Designed for practical integration and dependable field performance, this antenna supports customers who require controlled beam coverage, improved signal reception, and robust directional RF performance for demanding communication and monitoring applications.

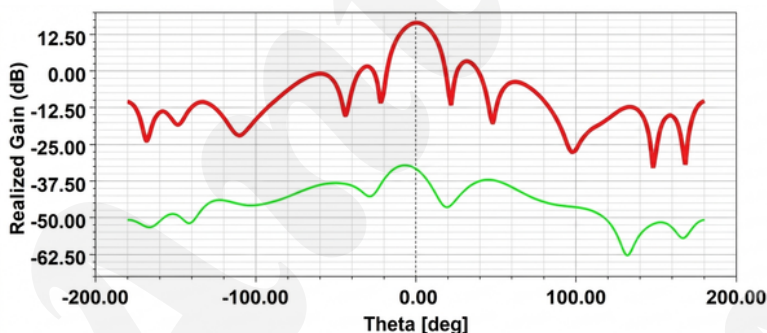
VSWR



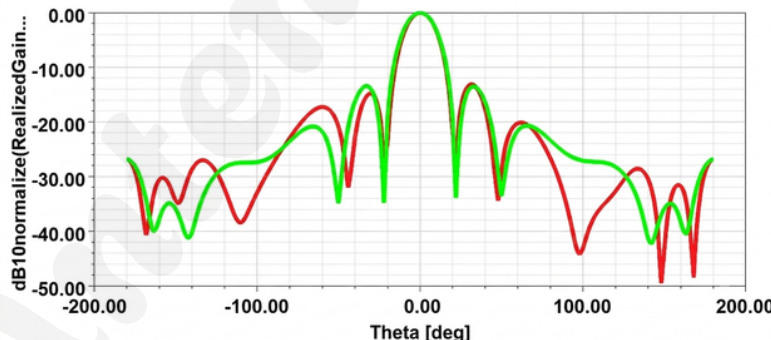
Gain



Co & Cross polarization



Radiation Patterns: Red = Phi 0; Green= Phi 90



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