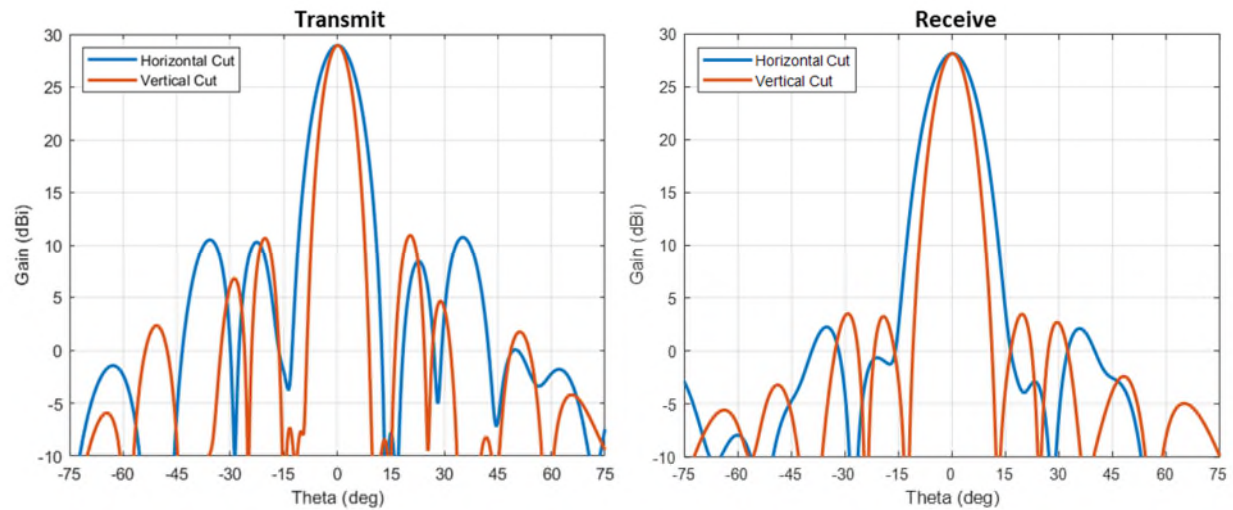


### Antenna Characteristics



Characteristic	Value
Transmit vertical half-power beamwidth	6.4°
Transmit horizontal half-power beamwidth	10°
Receive vertical half-power beamwidth	7.3°
Receive horizontal half-power beamwidth	10.9°
Farfield distance ( $2D^2/\lambda$ )	3 meters
Ground based testing height above ground level	up to 12 meters
Ground elevation AMSL, Moorestown, NJ	23 meters
Ground elevation AMSL, Grand Prairie, TX	165 meters
Ground elevation AMSL, Fort Worth, TX	191 meters
Ground elevation AMSL, Bithlo, FL	22 meters
Ground elevation AMSL, Stratford, CT	7 meters
Mechanical elevation angle relative to the horizon	up to 30°
Electronically-steered elevation angle relative to the horizon	0 to 45°
Airborne testing height above ground	up to 1525 ft
Airborne testing radius from NL 41.252778, WL -73.091667	125 km