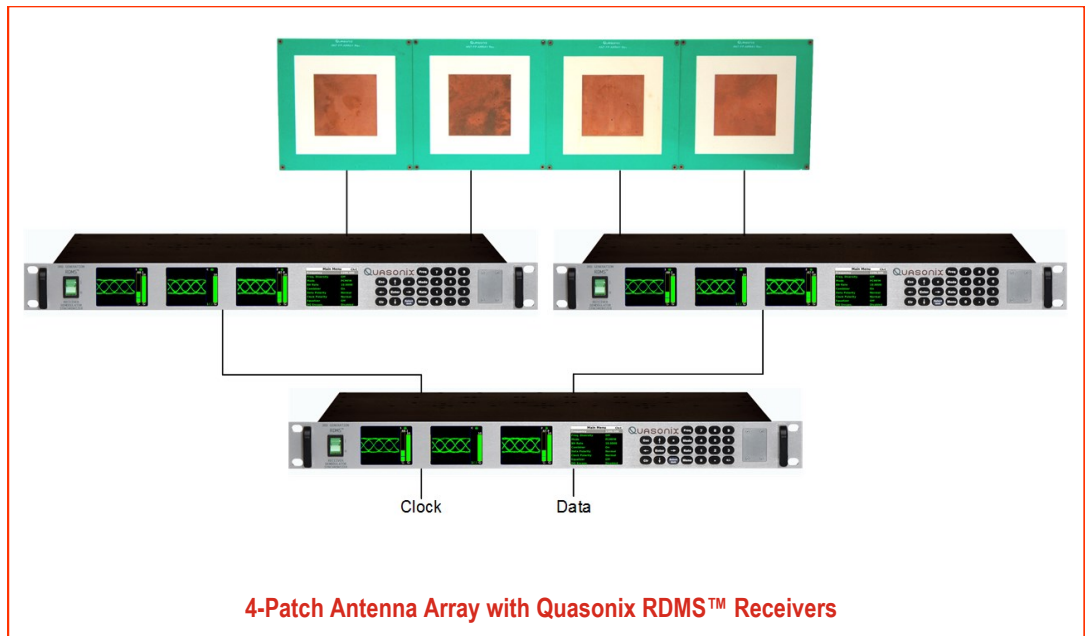


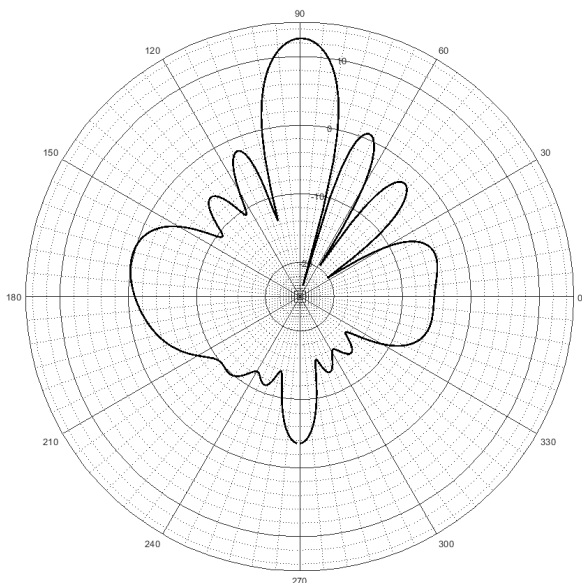
NEW!

BEAMFORMING ANTENNA KIT

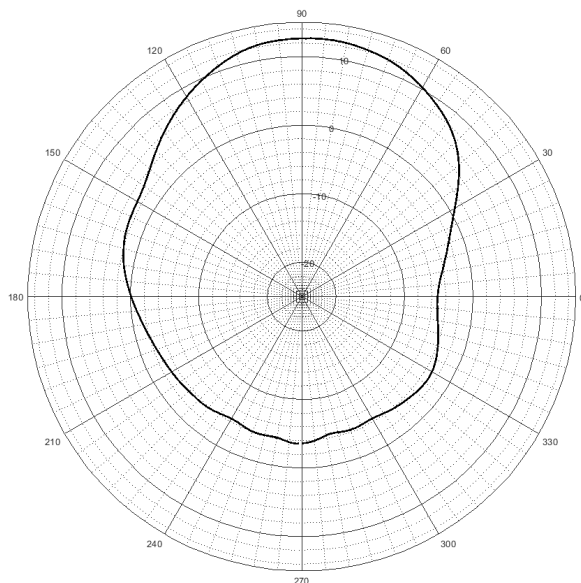


- **Beamformed Steering**
Quasonix RDMS™ receivers automatically phase align the incoming signals—no tracking signal required; boresight is automatically steered to maximize gain
- **No Special Antennas Required**
Works with antennas you may already own
- **Stationary Antenna Patches or Elements**
No mechanical steering required
- **No Special Antenna Arrangement Required**
Mount antennas where they can see the target
- **Easily Expandable for More Gain**
Simple duplication of the basic building blocks, such as patch antennas and RDMS™ receivers

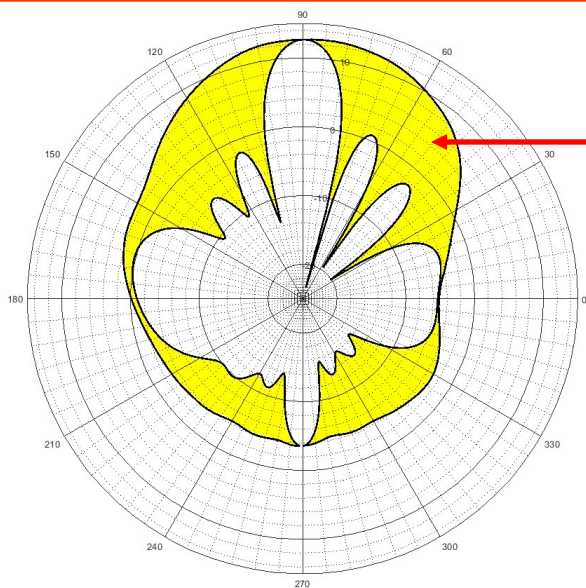
BEAMFORMING ANTENNA SPECIFICATIONS



Without Beamforming, Gain (dB) vs. Angle (deg)



With Beamforming, Gain (dB) vs. Angle (deg)



Beamforming Improvement, Gain (dB) vs. Angle (deg)

Shaded region shows improvement from beamsteering

Specifications

Operating Frequency (Patch dependent)	1435.0 - 2400.0 MHz 4400.0—5250.0 MHz
Polarization	Patch dependent
Patches on Boresight	Four (4) (shown)
Antenna Gain (nominal, linear polarized receive, outputs combined)	12 dB gain typical for four (4) patches
Environmental	
Temperature	Operating -40°C to +52°C Storage -54°C to +71°C

Specifications subject to change without notice