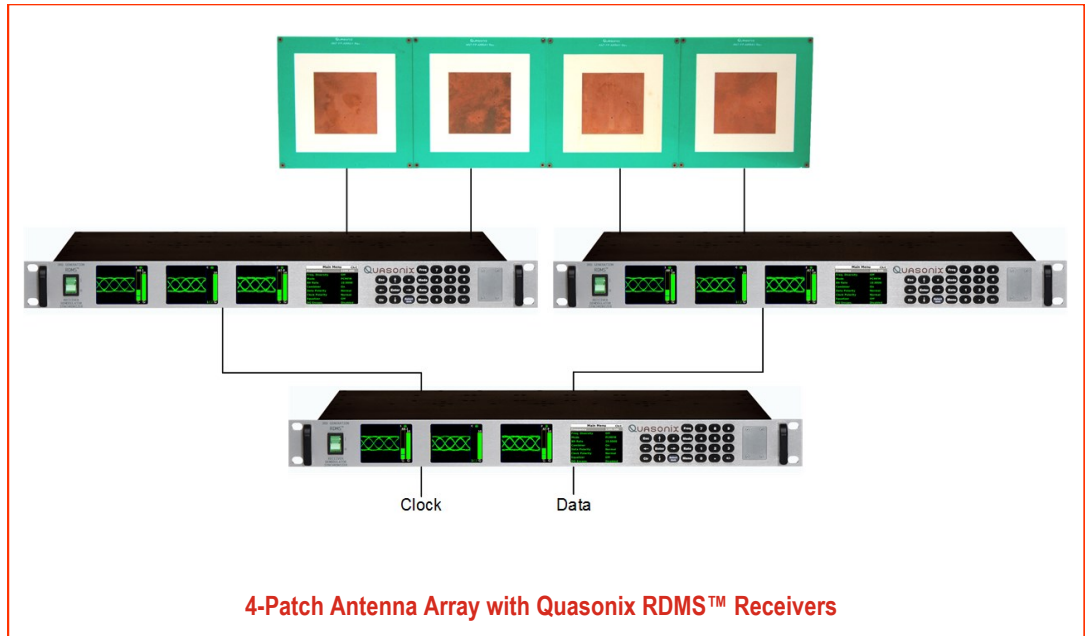
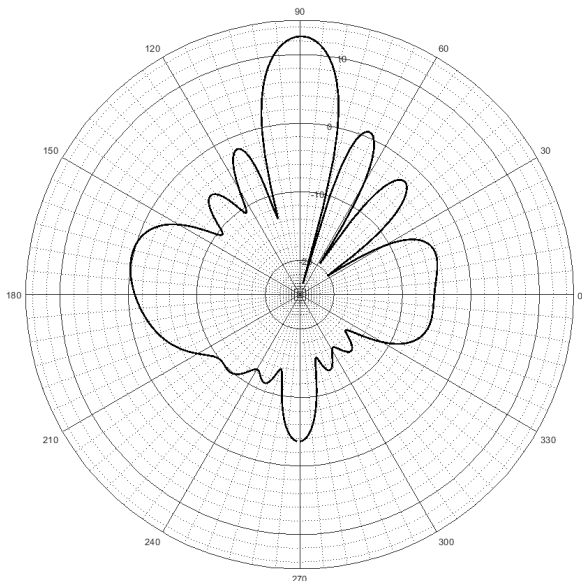


## BEAMFORMING ANTENNA KIT

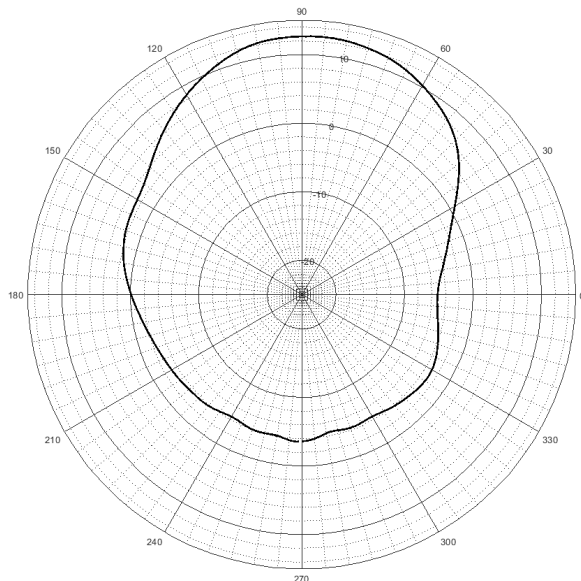


- **Beamformed Steering**  
*Quasonix RDMS™ receivers automatically phase align the incoming signals—no tracking signal required; boresight is automatically steered to maximize gain*
- **No Special Antennas Required**  
*Works with antennas you may already own*
- **Stationary Antenna Patches or Elements**  
*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*

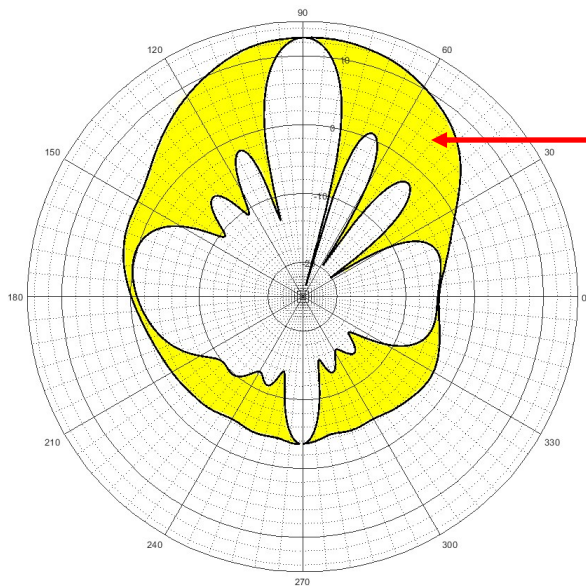
## BEAMFORMING ANTENNA SPECIFICATIONS



**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
<b>Environmental</b>	
Temperature	Operating -40°C to +52°C Storage -54°C to +71°C

Specifications subject to change without notice