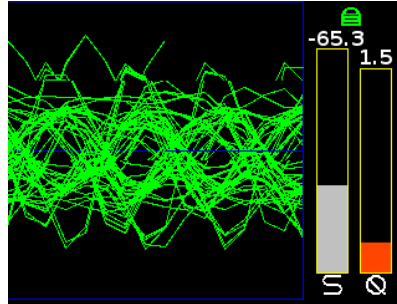
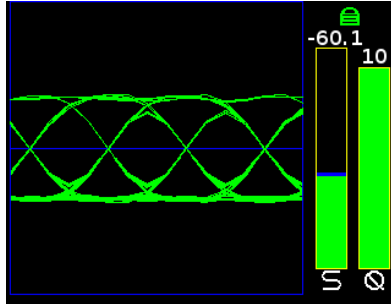


## ADAPTIVE EQUALIZER MODE FOR RDMS™ TELEMETRY RECEIVERS

**WITHOUT Adaptive Equalizer**



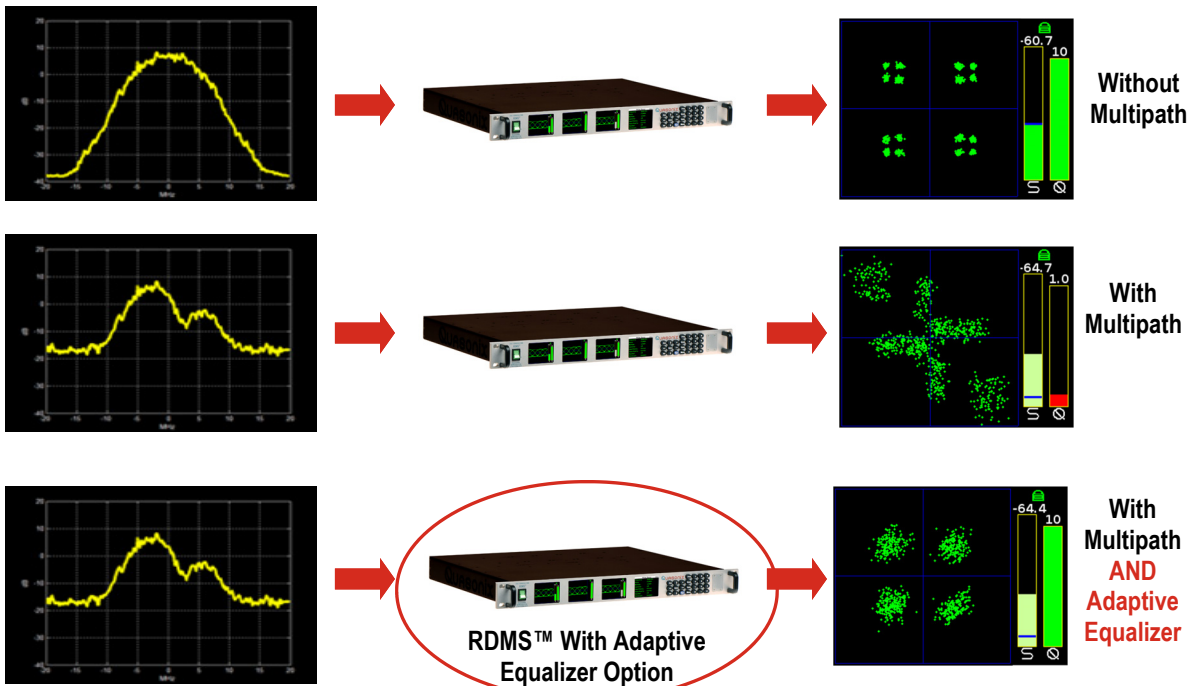
**WITH Adaptive Equalizer**



### Improves Reception in Multipath Channels

- Adaptive Equalizer combats Multipath Fading with Digital Signal Processing
- Available in Tier 0 (PCM/FM), Tier 1 (SOQPSK-TG), Tier 2 (ARTM CPM/Multi-h CPM), BPSK, QPSK, OQPSK, DPM, and SOQPSK/LDPC modes of operation
- Works with your existing transmitter, no matter what brand it is
- Available in any new Quasonix RDMS™ Telemetry Receiver

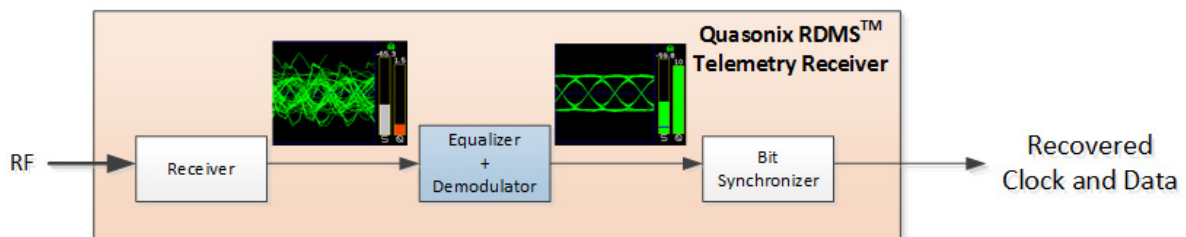
Available as a programming upgrade to most Quasonix RDMS™ Telemetry Receivers



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Dept. of Commerce jurisdiction, not covered by ITAR



## Problem: Signal Distortion due to Multipath Fading

- Reflections can add or subtract to create multipath fading
- Cannot be solved with more power

## Solution: Reduce Distortion with Adaptive Equalizer

### Advantages of the Quasonix Adaptive Equalizer Solution:

- **Reduces effects of Multipath Fading**
  - Improves overall link availability
- **Receiver Configuration**
  - Compatible with standard telemetry applications and installations
  - No training sequences are required

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