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
- NEW! Uses decision-directed feedback to tackle harsh channels and provide cleaner results
- 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

Reinventing Telemetry™

ISO 9001:2015 Certified

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QSX-CATALOG-190701
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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