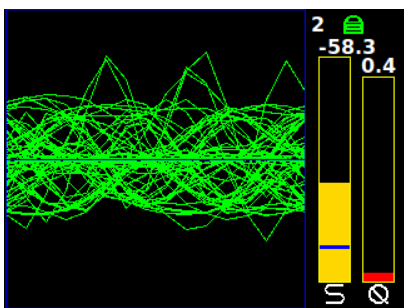


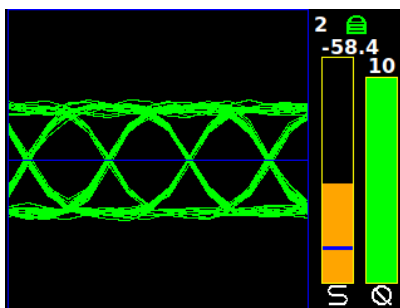


## ADAPTIVE EQUALIZER MODE FOR RDMS™ TELEMETRY RECEIVERS

**WITHOUT Adaptive Equalizer**



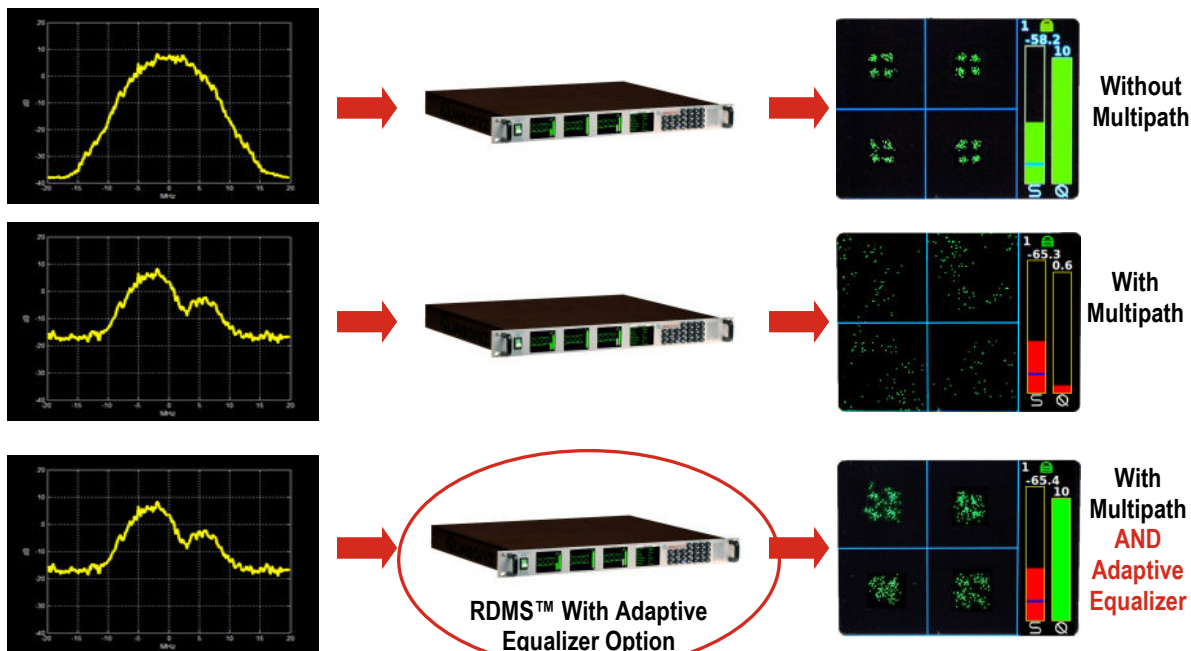
**WITH Adaptive Equalizer**



### 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



ISO 9001:2015 Certified

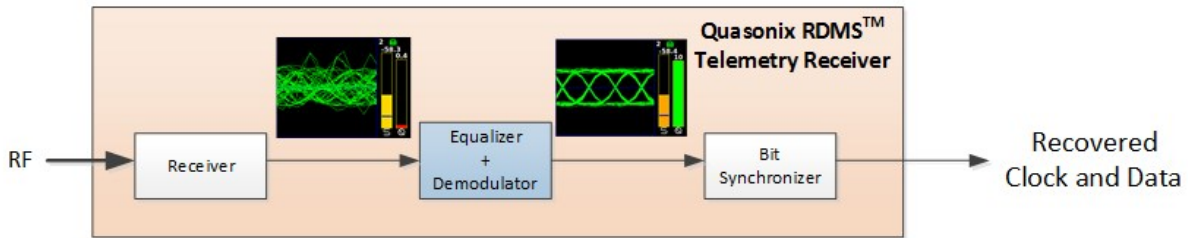
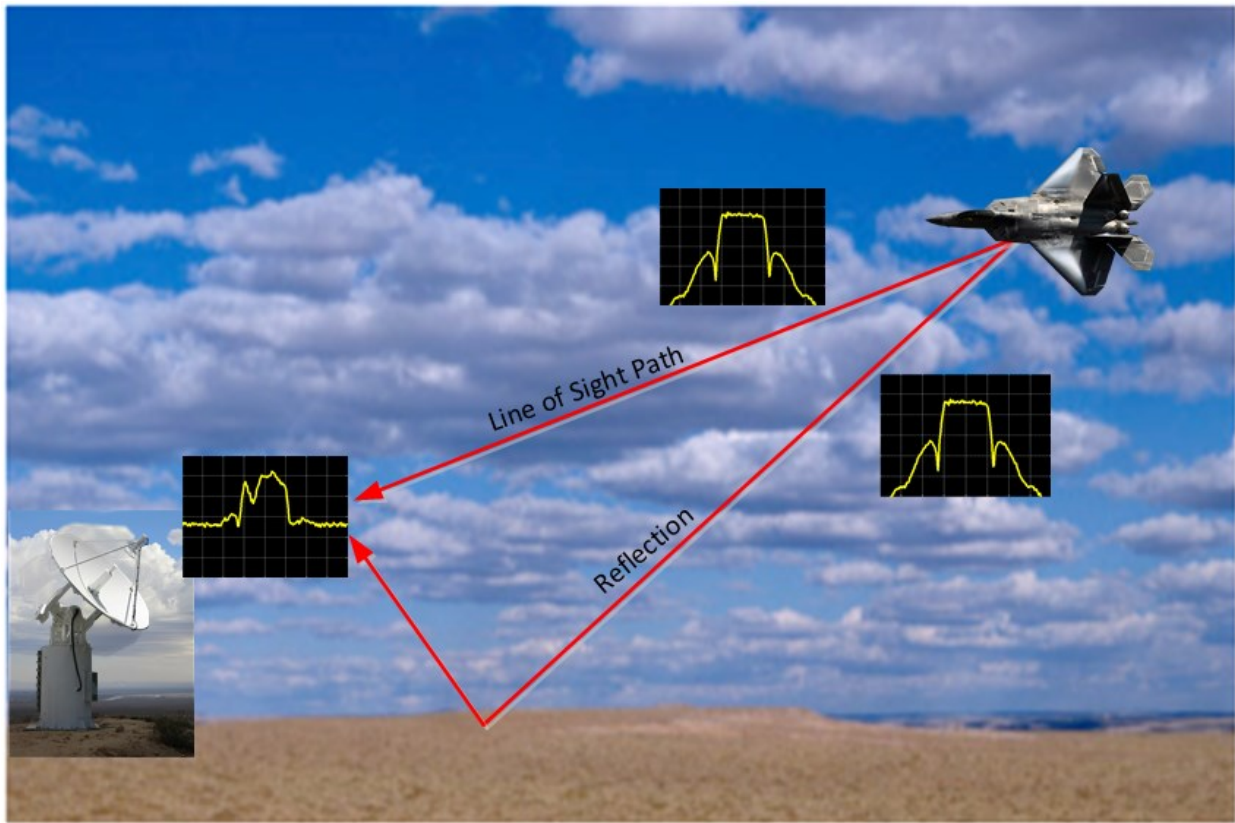
All Quasonix receiver products are under U.S. Dept. of Commerce jurisdiction categorized as 5A991

[www.quasonix.com](http://www.quasonix.com)

QSX-CATALOG-220113



Instrumentation Devices Srl  
 Via Acquanera 29 - 22100 COMO (Italy)  
 ph +39 031 525 391- fax +39 031 507 984  
 info@instrumentation.it - www.instrumentation.it



**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

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