SPACE TIME CODING (STC) SYSTEM

Without Space-Time Coding

Upper Antenna

Input Data

Dual Transmitter

Lower Antenna

STC Receiver

Ground Station Antenna

Output Data

Complete Telemetry System using a Quasonix Space Time Coded Transmitter and Receiver

With only 4% bandwidth expansion!

Specifications subject to change without notice

 ISO 9001:2008 Certified
Advantages of the Quasonix Space Time Coding Solution:

- Eliminates link outages caused by the "two-antenna problem"
  - Improves behavior of received signal power
  - Improves overall link availability
- Two transmit/One receive configuration
  - Compatible with standard telemetry applications and installations
- STC signal spectrum is the same as SOQPSK, with minimal bandwidth expansion (4%)
- Available as a software upgrade to Quasonix RDMS™ Telemetry Receivers.
  Note: Quasonix dual transmitter required.