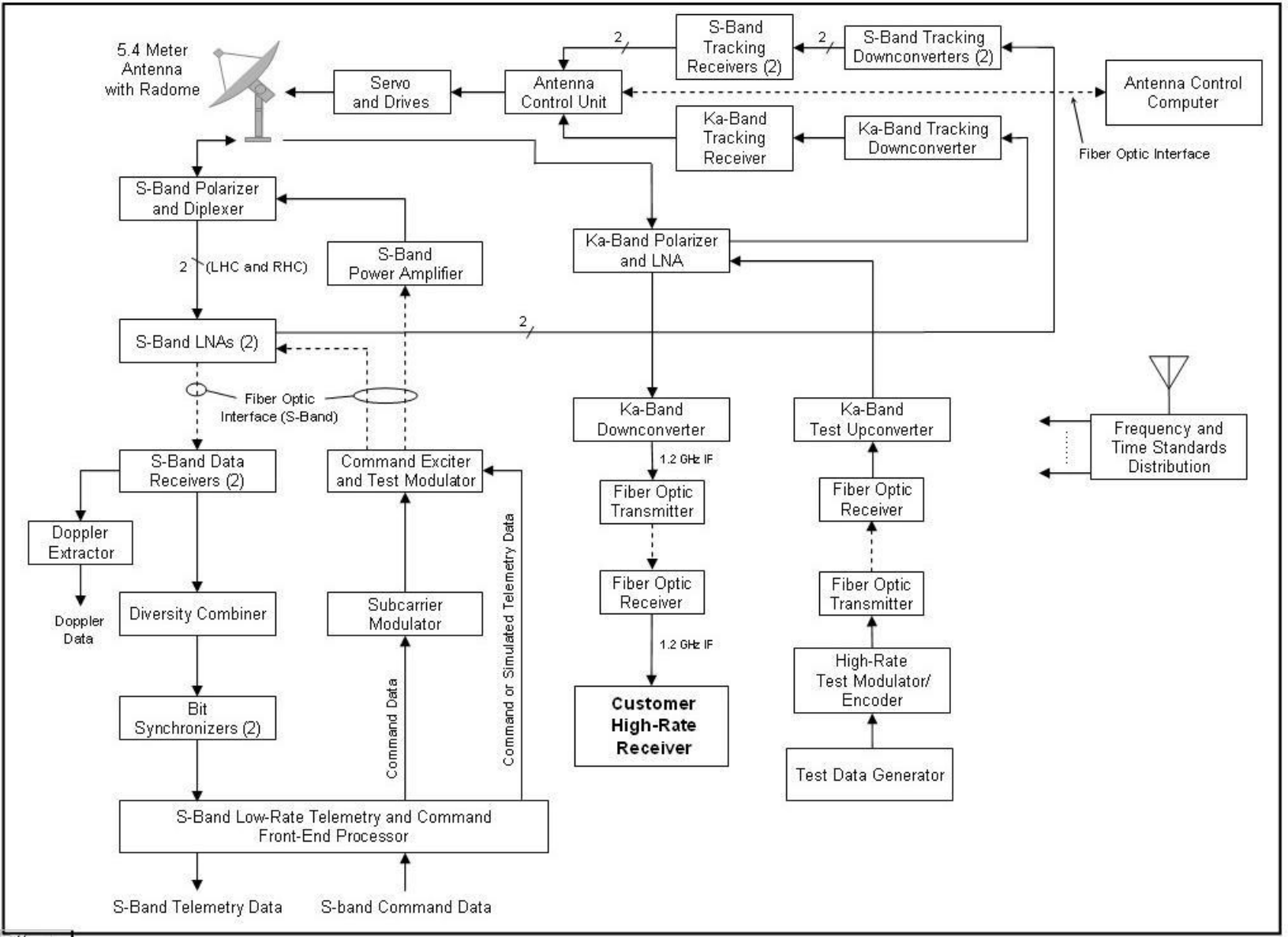
5.4 Meter Antenna with Radome
Servo and Drives
Antenna Control Unit
S-Band Tracking Receivers (2)
S-Band Tracking Downconverters (2)
Antenna Control Computer
Fiber Optic Interface
Ka-Band Tracking Receiver
Ka-Band Tracking Downconverter
S-Band Polarizer and Diplexer
2 (LHC and RHC)
S-Band Power Amplifier
Ka-Band Polarizer and LNA
S-Band LNAs (2)
Fiber Optic Interface (S-Band)
Ka-Band Downconverter
1.2 GHz IF
Fiber Optic Transmitter
Fiber Optic Receiver
1.2 GHz IF
Customer High-Rate Receiver
Ka-Band Test Upconverter
Fiber Optic Receiver
Fiber Optic Transmitter
High-Rate Test Modulator/ Encoder
Test Data Generator
Frequency and Time Standards Distribution
S-Band Data Receivers (2)
Doppler Extractor
Doppler Data
Diversity Combiner
Bit Synchronizers (2)
Command Exciter and Test Modulator
Subcarrier Modulator
Command Data
Command or Simulated Telemetry Data
S-Band Low-Rate Telemetry and Command Front-End Processor
S-Band Telemetry Data
S-band Command Data