**CRC Polynomial**

**Known Long preamble**

**Power Estimator**

**Signal detection**

**Signal splicer**

**Autocorrelator**

**CFO compensator**

**RF compensator**

**Phase Offset compensator**

**Demodulator**

**Deinterleaver**

**Decoder**

**Rate Match with standard?**

**Demodulator**

**Deinterleaver**

**Decoder**

**Descrambler**

**CRC Check**

**CRC Match?**

**Received Signal**

**CFO compensator**

**RF compensator**

**Phase offset compensator**

**threshold = .003**

**Information Extraction**

**Yes**

**Frame Synchronizer**

**SIGNAL FIELD**

**No**

**DATA FEILD**

**Yes**

**No**