

Communication

Command-and-Control Telemetry:

1 Watt EIRP Antenna, frequency hopping spread spectrum (FHSS) 902.4 to 927.6 MHz, 400 KHz channel

Manufacturer: Microhard, Calgary, Canada

FCC ID # NS904P11

Primary antenna: 14 dB Yagi mounted on tracking tripod on roof of mobile ground control station (GCS)

Backup antenna: 8 dB omnidirectional mounted on pole extending up from corner of mobile GCS

Primary RC Controller:

2.4 GHz Spektrum DX-7

Manufacturer: Horizon Hobby, Inc., Champaign, IL

Payload Data:

600 mW EIRP, Antenna, OFDM frequency 2.4000 - 2.4835 GHz

Manufacturer: Microhard, Calgary, Canada

FCC ID #SWX-XR2

24 dB parabolic dish mounted on tracking tripod on roof of mobile GCS