

MODULATION SIGNAL DESCRIPTION

File Number: **1059-EX-ST-2013**

FRN: **0022975338**

Antenna Locations: Mobile

Area of Operation:

01-07 December 2013 - Utah Olympic Park, Park City, UT

09-15 December 2103 - Lake Placid Olympic Sports Complex, Lake Placid, NY

MODULATION SIGNAL DESCRIPTION

(see #5)

Transmitters [attachment 1a]:

1. Maximum output power is 10 dBm + 10 dBm PA = 20 dBm (Technical Specification is 25 dBm or 0.316 Watts).
2. Frequencies: Adjustable 824-920 MHz (in 1 Mhz steps)
3. Bandwidth: 1 MHz
4. Channel spacing: 2 Mhz
5. **Modulation: O-QPSK, 1000 kbit/s**
6. ERP: Maximum of 3.1 Watts (note: measuring at 0.316 Watts, and using the Yagi-antenna, ERP will be lower)
7. Frequency tolerance: Lower than 0,1% (lower than 0,8 Mhz)