

Supplemental Technical Information for FCC Staff

Location: **Magna (Mahogany Peak), UT (Location No. 4 in above-referenced application)**
NAD83: Lat: 40 37' 52"N; Long : 112 07' 01" W

1. Television channel number(s).

Channels 63 and 64: 764-776 MHz (base)
794-906 MHz (mobile)

Frequencies Proposed for Use: 775.0375 MHz (base)
805.0375 MHz (mobile)

2. Antenna location site elevation above mean sea level in meters.

1754.1 m

3. Overall tower height above ground level/above average terrain in meters.

AGL 100 m; HAAT: 177.5 m

4. Height of radiation center above ground level in meters.

30.5 m

5. Maximum effective radiated power in kilowatts (Peak):

0.071 kW

6. Transmitter output power in kilowatts.

0.071 kW

7. Verify that the antenna is nondirectional (if directional, please report the directional antenna's relative field value at every 10 degrees from 0 through 350 degrees).

The antenna pattern is omnidirectional

8. If the emissions are digital, then report the out-of-band emission mask (simple or stringent).

Stringent mask. The emissions designator is 17K7D7D

9. If the emissions are analog, then report the frequency offset (zero, plus, minus or none).

N/A. Emissions are digital