

An RFR survey was conducted on the Crow Mountain transmitter site near Smithfield, Utah on 12 September 2018 using a Narda NBM-520 RF Meter with an EF-0392 probe purchased new just a few weeks prior to the survey. The transmitter for K295CW 106.9 MHz was on during the survey.

Most of the Crow Mountain site of Sun Valley Radio/Cache Valley Media shows RFR readings within the .2 mw/square cm for uncontrolled access areas. The exceptions are as follows:

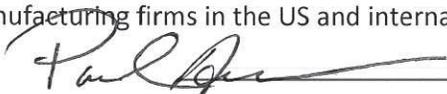
- .220 Entry door of main building
- .319 20 feet north of NW corner of main building at 3 foot height
- .380 20 feet NW of NW corner of main building
- .411 25 feet NW of NW corner of main building
- .328 West side of generator
- .291 6 feet SW of SW corner of main building
- .303 East wall of main building
- .554 West wall of metal container building
- .267 20 feet north of old building at 3 feet
- .238 50 feet NW of big tower
- .306 40 feet west of big tower
- .557 40 feet WSW of big tower
- .405 30 feet WSW of big tower
- .417 40 feet South of big tower
- .231 40 feet SSE of big tower
- .206 50 feet ESE of big tower
- .237 40 feet south of small tower
- .282 30 feet SE of small tower

These "hot spots" are at a height of 3 to 4 feet above ground level and are about 2 to 5 feet in diameter. Greater heights up to the physical reach of the probe exhibit a notable drop in RFR levels.

All readings at the site including these "hot Spots" were within the 1 mw/square cm limit for controlled access areas.

This site is locked and behind multiple gates on an unimproved dirt road several miles long on private property. A 4 wheel drive vehicle is required to reach the site. It is not accessible to the public and is thus controlled access.

The survey was conducted by Paul Anderson who has more than 30 years technical experience in the broadcast industry. He is the holder of a General (originally 1st Class) Radiotelephone Operators License and an Amateur Radio Operator License. He has worked for numerous radio broadcasting and broadcast equipment manufacturing firms in the US and internationally.



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