Lookout Mountain RFR Survey November 20, 2009

On July 29, 2008 from 11:00 am to 12:00 Noon an RFR survey was conducted at Lookout Mountain, the site of KBLQ-FM1. All stations on site were operated at their nominal licensed TPO with the exception of KBLQ-FM1 which was operated at the new proposed higher TPO.

Equipment used was a Holaday RF Survey Meter SN 00045654 with a matched detection probe. Readings taken by Paul Anderson, consulting engineer for Cache Valley Radio Group.

Readings are as follows

Door of Building	10.9 microwatts/cm2
NE Corner of Fenced Enclosure	16.2 microwatts/cm2
NW Corner of Enclosure	18.2 microwatts/cm2
W Side of Enclosure	10.9 microwatts/cm2
SW Corner of Enclosure	16.6 microwatts/cm2
SE Corner of Enclosure	26.8 microwatts/cm2
E Side of Enclosure	14.4 microwatts/cm2
100 feet E of Tower	35.5 microwatts/cm2
100 feet W of Tower	9.7 microwatts/cm2
100 feet N of Tower	12.7 microwatts/cm2

The following readings are in the power lobe of the antenna:

100 feet SE of Tower on Antenna Lobe	395 microwatts/cm2
150 feet SE of Antenna	740 microwatts/cm2
30 feet at right angle from previous	672 microwatts/cm2
60 feet at right angle	423 microwatts/cm2
100 feet at right angle	215 microwatts/cm2
200 feet SE of Antenna	417 microwatts/cm2
250 feet SE of Antenna	315 microwatts/cm2

All readings are less than 1 milliwatt/cm2.