

KQEO Downward RFR Measurements

The following RFR measurements were collected on October 3, 2011 at the Taylor Mountain, Idaho, communications site of KQEO(FM) and KSNA(FM). The RFR measurement equipment used was a Holaday Model HI-2200 with a serial number 00045654. The probe used was an E100 with a serial number of 00056628 and a frequency range applicable to the FM broadcast band. All data noted is displayed in micro watts per square centimeter. As can be shown by the data, all areas comply with the uncontrolled standard which is 20% of the controlled standard, or 200 micro watts per square centimeter. The highest measurement recorded was 106.1 micro watts per square centimeter, which is 53% of the Uncontrolled Standard.

It should be noted that even though the site complies with the Uncontrolled Standard, the site would qualify as a Controlled site as it is on private land on a remote mountain peak. There is also a locked gate prohibiting access to the site from the general public.

KQEO 106.1 20.9 15.9 21.0 19.8
 RF SURVEY 150 30.0 14.5 26.5
 OCT, 3, 2011 19.7
 1330 HRS 10.8 7.51 13.0
 6.02 9.46

BY MARV HEDWORTH 133 26.3 19.7
 HOLIDAY RF METER 21.0 31.7
 18.9 18.8 23.0

KQEO 100 KW 42.0
 KSNA 100 KW 23.7 14.3 20.7
 30.0

11.7 8.82 33.2 24.3
 2.47 9.02 9.04
 9.80 5.29 10.9 20.1 12.8 20.9 12.6 21.6 31.6 13.3 29.0 11.5 7.75

KSNA
 KQEO
 TX BUILDING 9.06
 16.5 17.7 8.09 40.0 22.1 18.0 7.59 13.8 70.1

13.2 10.9 9.27 29.4 15.7 8.84 8.25 18.3 30.0 24.0 20.2 19.1 12.9 17.7 10.2
 6.92
 RATIO 18.2

18.4 16.8 9.25 20.7 27.3 10.6 16.6 39.1 28.0 46.4
 30.1 31.3 23.4
 35.0 36.6 19.6 26.0
 20.9 18.6 15.6 19.2



Power POLE 21.7

19.7 9.08 12.7 16.8 20.5
 24.7 7.55 15.0 12.9 17.7