



**KRCR**  
REDDING • CHICO  
RED BLUFF

Report of Ray Smith  
KRCR Chief Engineer

Pursuant to the condition in the Special Temporary Authority ("STA") authorized in FCC File No. BDSTA-20090717ABB, KRCR has taken "before" and "after" signal strength readings. These readings measure the strength of KRCR's digital television signal on VHF channel 7 at 14.5 kW and 25.2 kW effective radiated power ("ERP"), respectively. A copy of those readings is attached. In making the readings, the station used a dipole "rabbit ear" antenna, a six foot lead, and a Leader LF982 signal level meter. Both indoor and outdoor measurements were taken at a seven foot level.

The readings show that the increase in power improved KRCR's signal strength and resulted in improved outdoor and indoor reception. The improvements are in proportion to the power increase (*i.e.*, roughly 2.4 dB).

A handwritten signature in cursive script, reading "Ray Smith".

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California Broadcasting, Inc.

Location	Lat	Long	Elevation	Post Increase	Pre Increase
Redding, CA	40.58725	122.38083	493ft	55.1dbuV	53.1dbuV
Round MTN, CA	40.79358	121.94280	2034ft	42.4dbuV	39.9dbuV
Burney, CA	40.88845	121.65266	3100ft	36.2dbuV	34.1dbuV
Anderson, CA	40.43277	122.28915	498ft	56.1dbuV	53.3dbuV
Corning, CA	39.90809	122.19625	261ft	49.4dbuV	46.8dbuV
Chico, CA	39.77483	121.86992	165ft	44.2dbuV	41.6dbuV
Chico, CA	39.7738	121.8448	198ft	38.5dbuV	35.5dbuV
Oroville, CA	39.54425	121.58784	419ft	55.6dbuV	52.8dbuV
Gridley, CA	39.36333	121.68694	96ft	37.5dbuV	35.1dbuV
Alturas , CA	41.49076	120.54240	4375ft	38.9dbuV	36.2dbuV
Fall River, CA	41.06688	121.48330	3310ft	40.5dbuV	38.1dbuV
Old Station, CA	40.67715	121.42710`	4354ft	38.7dbuV	35.2dbuV
Shingletown, CA	40.49277	121.88818	3511ft	43.3dbuV	40.6dbuV
Red Bluff, CA	40.17347	122.23134	282ft	57.1dbuV	54.9dbuV

## KRCR-TV Indoor Pre and Post signal strengths.

Location	Lat	Long	Elevation	Post	Pre
Round MTN,CA	40.79358	121.94280	2034ft	48.3dbuV	46.7dbuV
Redding, CA	40.52142	122.38705	479ft	52.6dbuV	50.9dbuV
Redding, CA	40.58725	122.38083	493ft	34.2dbuV	32.9dbuV
Fall River, CA	41.06688	121.48330	3310ft	34.5dbuV	32.8dbuV