

TECHNICAL EXHIBITS 26 & 30
INTERFERENCE AND CONTOUR PROTECTION
IN SUPPORT OF MINOR CHANGE APPLICATION
KHRQ(FM), BAKER, CALIFORNIA
APRIL 2007

The attached Table II shows the distances to pertinent FM stations on Channel 235 and ± 3 channels from the proposed KHRQ(FM) operation. Table II indicates the proposed Channel 235B1 operation of KHRQ(FM) complies with the minimum distance requirements of Section 73.207 of the Commission's rules to all existing and/or proposed FM stations except to the licensed operations of KNYE(FM), Pahrump, Nevada and KFLG-FM, Kingman, Arizona.

KNYE(FM) is currently licensed to operate on Channel 236A with 6 kW ERP and -28.2 meters HAAT. The actual distance between the proposed KHRQ(FM) and KNYE(FM) is 85.1 km while a minimum distance of 96 km is required under Section 73.207 of the Commission's rules. KFLG-FM currently operates on Channel 234C with 43 kW ERP and 790 meters HAAT. The actual distance between the proposed KHRQ(FM) and KFLG-FM is 188.9 km while a minimum distance of 193 km is required under Section 73.207 of the Commission's rules. Therefore, KHRQ(FM) is proposing its Channel 235B1 operation according to Section 73.215 of the Commission's rules to provide equivalent contour protection to KNYE(FM) and KFLG-FM

The attached map (Figure 2) shows the proposed KHRQ(FM) 54 dBu contour does not overlap with the computed 60 dBu contour of KNYE(FM) and KHRQ(FM)'s proposed 57 dBu contour does not overlap with KNYE(FM)'s 51 dBu contour. Also, there is no prohibited contour overlap between the protected and interference contours of the proposed KHRQ(FM) and KFLG-FM (Figure 3). Both KNYE(FM) and KFLG-FM's contours are based on the maximum permissible facilities for each respective class of FM station.

TABLE II

FM ALLOCATION SITUATION
FOR THE PROPOSED OPERATION OF
KHRQ(FM), BAKER, CALIFORNIA
APRIL 2007

PROPOSED SITE:					DISPLAY DATES			
35 26 10 N.					DATA 04-05-07			
115 55 25 W.					SEARCH 04-05-07			
----- Channel 235 - 94.9 MHz -----								
Call		Channel	Location		Az	Dist	FCC	Margin

KHRQ	LIC-Z	235B1	Baker	CA	112.2	0.08	175.0	-174.92
KNYE	LIC	236A	Pahrump	NV	353.2	85.11	96.0	-10.89
KFLG-FM	LIC	234C	Kingman	AZ	100.5	188.90	193.0	-4.10
KWNR	LIC	238C	Henderson	NV	52.2	104.52	105.0	-0.48
KFLG-FM	APP	234C0	Big River	CA	121.5	185.93	180.0	5.93
KFLG-FM	RSV	234C0	Big River	CA	121.5	185.93	180.0	5.93
AP1172762APP		288A	Tecopa	CA	334.2	47.10	12.0	35.10
KFRG	LIC	236B	San Bernardino	CA	222.5	185.52	145.0	40.52
RS1175003RSV		288A	Tecopa	CA	329.4	53.02	12.0	41.02
AL597138	VAC	237A	Amboy	CA	166.6	95.36	48.0	47.36
KDUC	LIC	232B1	Barstow	CA	243.3	113.97	50.0	63.97



