



Figure 1

BNPFT-20030317IWS, INDIO, CA : MINOR CHANGE TO LICENSED FACILITY
Minor change showing and co-channel contour protection (RESOLUTION OF MX SITUATION)



Table 1**BNPFT-20030317IWS, INDIO, CA MINOR AMENDMENT****Channel Study**

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist. (km)	Clearance (km)
246	L1	KJSM-LP	FL	LIC	YUCCA VALLEY	CA	US	JOSHUA SPRINGS CALVARY CH	44.9	334.7	0.0	44.9
297	D	NEW	FX	APP	PALM SPRINGS	CA	US	REDWOOD EMPIRE STEREOCA'	27.5	302.3	11.6	15.9
299	B1	KCDZ	FM	LIC	TWENTYNINE PALMS	CA	US	MORONGO BASIN BROADCASTI	46.7	358.4	28.1	18.7
300	D	NEW	FX	APP	INDIO	CA	US	RADIO DESAFIO NETWORK, INC	0.0	0.0	14.6	-14.6 (same as applicant)
300	D	NEW	FX	APP	DOS PALMAS CORNE	CA	US	GULF-CALIFORNIA BROADCAST	27.5	302.4	8.4	19.1
300	D	NEW	FX	APP	PALM DESERT	CA	US	ADVANCE MINISTRIES, INC. D/B	36.2	254.9	35.8	0.4

Table 2.

**Indio, CA Minor Amendment
Channel Study**

Radial (deg.)	FCC Terrain (30 sec) radial HAAT (m)	MERP per FCC 73.1235(b)1 (watts)	Actual ERP (watts)
0	-390	250	3
30	-555	250	13
60	-530	250	71
90	-337	250	77
120	-110	250	128
150	47	80	75
180	46	120	6
210	38	170	8
240	-5	250	7
270	21	250	5
300	11	250	5
330	-239	250	4

Radiofrequency Electromagnetic Exposure Analysis

Source	Height AGL(m)	Antenna type	Bays	Horizontal ERP (kw)	Vertical ERP (kw)	Power Density $\mu\text{W}/\text{cm}^2$ at 2 meters AGL				
						within 10 meters distance	% controlled environment limit (1000 $\mu\text{W}/\text{cm}^2$)	Max. PD	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$)	Distance to maximum PD (m)
(PROPOSED)	30	EPA dipole (worst case)	1	0.145	0.145	7.5	0.8%	7.5	3.8%	7.5
						7.5	0.8%	7.5	3.8%	7.5

The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments).

Calculations made using FCC FMModel