

DE MINIMIS INTERFERENCE ANALYSIS

PROPOSED KHIZ-DT
CHANNEL 44 - BARSTOW, CALIFORNIA
[AMENDMENT TO BPCDT-19991028ACX]

NTSC FACILITIES

Call	City of License	Ch.	Grade B Population F(50,50)	Interference Losses (Population)					KHIZ-DT Contribution % ²
				NTSC Only	NTSC & DTV Without KHIZ-DT	Unmasked DTV	% ¹	With KHIZ-DT	
KRPA(TV) (Appl.)	Rancho Palos Verdes, CA	44	15,458,699	0	47,308	47,308	0.3	106,604	0.7
								106,604	59,296
									0.4

DTV FACILITIES

Call	City of License	Ch.	NTSC/DTV ³ Grade B Pop. Longley-Rice	Interference Losses (Population)					KHIZ-DT Contribution % ²
				NTSC Only	NTSC & DTV Without KHIZ-DT	Unmasked DTV	% ¹	With KHIZ-DT	
KCAL-DT (Lic.)	Los Angeles, CA	43	14,743,023	2,020	2,020	0	0	34,822	0.2
								32,802	0.2
KCAL-TV-DT (Allot.)	Los Angeles, CA	43	14,445,060	0	0	0	0	41,061	0.3
								41,061	0.3
KESQ-DT (PRM)	Palm Springs, CA	44	2,420,948	227,935	377,499	149,564	6.2	378,517	6.2
								150,582	1,018
									<0.1

¹ Cannot exceed 10%, under FCC de minimis interference standards.

² Cannot exceed 2%, under FCC de minimis interference standards.

³ Larger of either NTSC Grade B population (with no DTV losses) or DTV Grade B population with all losses.