

Station KQDF-LP • NTSC Channel 25 • Albuquerque, New Mexico

OET-69 Interference Study

OET-69 Interference Analysis, 2000 Census
tvstudy v3.2.3

This interference study is based on 1.00 x 1.00 kilometer cells and terrain profiles with 10.0 points per kilometer. FCC processing using these finer-resolution parameters is hereby requested, pursuant to the Commission's August 10, 1998, Public Notice, "Additional Applications Processing Guidelines for DTV."

Before case parameters:
(same as original below)

After case parameters:

	--Modified-----	--Original-----
Station:	N25+L KQDF-LP LIC	N25+L KQDF-LP LIC
City:	ALBUQUERQUE, NM	ALBUQUERQUE, NM
Facility ID:	32283	32283
Coordinates:	N 35-12-49.6 W 106-27-01.2	N 35-04-06.0 W 106-46-46.0
Height AMSL:	3289.4 m	1813.2 m
Maximum ERP:	150 kW	31.1 kW
Azimuth pattern:	TUC-05_Ch25az.pat	AND-ALP8N
Orientation:	0.0	75.0
Elevation pattern:	TUC-05_Ch25elv.pat	OET-69 generic
Electrical tilt:	1.00	
Service level:	72.8 dBu	72.8 dBu

Warning - some records had missing or bad data:

N25nL K25GE LIC Missing or bad azimuth pattern data, substituted omni
N40zL K40GE LIC Below-ground AGL height, adjusted to 2m AGL

				Before		After		%Chng
Protected station				Base Pop	IX Change %Base	IX Change %Base		
D24	KNAT-TV CP	ALBUQUERQUE, NM	899,850	-34,914	-3.9	-34,914	-3.9	0.00
D24	KNAT-TV alot	ALBUQUERQUE, NM	899,850	-4,378	-0.5	-4,378	-0.5	0.00
D25	KINT-TV CP	EL PASO, TX	842,986	-10,819	-1.3	-10,819	-1.3	0.00
D26	KOB-TV CP	ALBUQUERQUE, NM	952,995	13,970	1.5	13,970	1.5	0.00
D26	KOB-TV alot	ALBUQUERQUE, NM	952,995	19,421	2.0	19,421	2.0	0.00
N25+L	K25HX CP	SOUTH FORK, CO	5,027	0	0.0	0	0.0	0.00
N25+L	K25IK CP	ROSWELL, NM	18,850	0	0.0	0	0.0	0.00
N25nL	K25DI LIC	SILVER CITY, NM	26,790	354	1.3	354	1.3	0.00
N25nL	K25FI LIC	MORA, NM	2,808	0	0.0	0	0.0	0.00
N25nL	K25GE LIC	DURANGO, CO	42,925	0	0.0	0	0.0	0.00
N25zL	K25HJ LIC	HORNSBY RANCH, , NM	35	0	0.0	0	0.0	0.00
N25zL	K25HV LIC	TRUTH OR CONSEQ, NM	10,133	0	0.0	0	0.0	0.00
N25zL	KAPX-LP CP	GALLUP, NM	23,641	0	0.0	0	0.0	0.00

Note: The results of the OET-69 algorithm are dependent on the use of computer databases and complex software algorithms, which may vary between computer platforms and installations. Also, while Hammett & Edison, Inc. endeavors to follow official releases and established precedents on the matter, FCC policy on DTV analysis methods changes from time to time. Thus, the results of OET-69 interference and coverage studies are subject to change and may differ from FCC results.

