

**Class A TV Station KHSK-LP • Channel 27 • Phoenix, Arizona
Waiver Request: Section 73.6012**

OET-69 Interference Study for Proposed KHSK-LP Operation

Interference analysis
tvixstudy 2.3.13

Station parameters:

	--Modified-----	--Original-----
Station:	N27 KHSK-LP LIC	N27 KHSK-LP LIC
City:	PHOENIX, AZ	PHOENIX, AZ
Coordinates:	N 33-20-00	N 33-20-00.0
	W 112-03-46	W 112-03-46.0
Height AMSL:	830.6 m	831.0 m
Maximum ERP:	150 kW	3.80 kW
Azimuth pattern:	alp-er.apat	BOG-18054_B16UB
Orientation:	0.0	10.0
Elevation pattern:	OET-69 generic	OET-69 generic
Service level:	73.0 dBu	73.0 dBu

Protected station	Base Pop	IX Change	%Base
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N27 000803ABI APP CASA GRANDE, AZ	18,381	25	0.1
N27 K27EC LIC LAKE HAVASU CITY, AZ	3,822	0	0.0
N27 000831BLZ APP TACNA, AZ	331	0	0.0
N28 KCOS-LP LIC PHOENIX, AZ	860,825	0	0.0

Note:

The results of the OET-69 algorithm are dependent on the use of computer databases, including terrain, population, and FCC engineering records. FCC Rules Section 0.434(e) specifically disclaims the accuracy of its databases, recommending the use of primary data sources (i.e., paper documents), which is not practical for DTV interference analyses. Further, while Hammett & Edison, Inc. endeavors to follow official releases and established precedents on the matter, FCC policy on DTV analysis methods is constantly changing. Thus, the results of OET-69 interference and coverage studies are subject to change and may differ from FCC results.