

Station KRWG-DT • DTV Channel 23 • Las Cruces, New Mexico

OET-69 Coverage Study for Class A TV Station KLCP-LP, Las Cruces, NM

tvcovstudy_new 2.4b3

Station parameters:

Station: N30nA KLCP-LP LIC
 City: LAS CRUCES, NM
 Coordinates: N 32-24-17.0
 W 106-45-38.0
 Height AMSL: 1483.0 m
 Maximum ERP: 42.5 kW
 Azimuth pattern: SCA-20731_4DR-16-2
 Orientation: 190.0
 Elevation pattern: OET-69 generic
 Service level: 73.3 dBu

Interfering station	Total IX		Unique IX	
	Area,km2	Population	Area,km2	Population
D23 KRWG-DT CP* LAS CRUCES, NM	0.0	0	0.0	0
D30 KCOS-DT CP EL PASO, TX	165.4	325	165.4	325
N29-A KAPT-LP LIC ALAMOGORDO, NM	0.0	0	0.0	0
N30nL K30FG CP DOUGLAS, AZ	0.0	0	0.0	0
N30zL K30GM LIC CAPITAN/RUIDOSO, NM	0.0	0	0.0	0
N31nL K31DR LIC CABALLO, NM	0.0	0	0.0	0
N31zL K31GJ LIC ALAMOGORDO, NM	0.0	0	0.0	0
N45nL K36CK CP ALAMOGORDO, NM	0.0	0	0.0	0

Service conditions	Area,km2	Population
Noise-limited service	641.3	90,230
Terrain-limited service	641.3	90,230
Interference-free service	475.9	89,905
Longley-Rice errors	475.9	89,905

*Modified station parameters:

--Modified-----	--Original-----
Station: D23 KRWG-TV CP	D23 KRWG-TV CP
City: LAS CRUCES, NM	LAS CRUCES, NM
Coordinates: N 32-17-22.9	N 32-15-33.0
W 106-41-49.6	W 106-58-30.0
Height AMSL: 1566.7 m	1468.0 m
Maximum ERP: 1000 kW	200 kW
Azimuth pattern: ATW-C1.at265Taz.pat	omnidirectional
Orientation: 0.0	
Elevation pattern: OET-69 generic	OET-69 generic
Service level: 39.6 dBu	39.6 dBu

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.

