OET-69 Coverage Study for Class A TV Station K20GL, Las Cruces, NM

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tvcovstudy_new 2.4b3

Station parameters:
           Station: N20-A K20GL CP
              City: LAS CRUCES, NM
       Coordinates: N  32-16-41.0
                    W 106-54-36.0
       Height AMSL: 1354.0 m
       Maximum ERP:  15.0 kW
   Azimuth pattern: JAM-19602_JA/LS-SB
       Orientation:  70.0
 Elevation pattern: OET-69 generic
     Service level: 72.3 dBu
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		Total IX		Unique IX	
Interfering station		Area,km2	Population	Area,km2	Population
D23 KRWG-DT CP*	LAS CRUCES, NM	0.0	0	0.0	0
N19+A KVBA-LP CP	ALAMOGORDO, NM	0.0	0	0.0	0
N20+L K23CK CP	DUNCAN, AZ	0.0	0	0.0	0
N20-L K58AH CP	RUIDOSO, ETC., NM	0.0	0	0.0	0
N20nL K18EO CP	PECOS, TX	0.0	0	0.0	0
N20zL K20FO LIC	SIERRA VISTA, AZ	0.0	0	0.0	0
N20zL K20HA CP	CABALLO, NM	0.0	0	0.0	0

Service conditions	Area,km2	Population
Noise-limited service	407.2	85,173
Terrain-limited service	395.2	85,060
Interference-free service	395.2	85,060
Longley-Rice errors	395.2	85,060

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*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
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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.