

tvstudy v2.2.5 (4uoc83)  
Database: localhost, Study: Parker4d0.2kwincsam137at100ff, Model: Longley-Rice  
Start: 2022.01.25 08:30:34

Study created: 2022.01.25 08:30:34

Study build station data: LMS TV 2022-01-24 #116

Proposal: K04SE-D D4 LD CP PARKER, AZ  
Facility ID: 186804  
Station data: User record  
Record ID: 1629  
Country: U.S.

Build options:  
Protect pre-transition records not on baseline channel

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K04GT-D	D4	LD	LIC	BULLHEAD CITY, AZ	BLDTV20130308AAL	190.2 km
No	K04QP-D	D4	DC	LIC	CASAS ADOBES, AZ	BLANK00000101985	291.1
No	KAKZ-LD	D4	LD	LIC	CATHEDRAL CITY, CA	BLANK00000010641	247.7
No	KWHY-TV	D4	DT	LIC	LOS ANGELES, CA	BLANK00000072085	401.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D4  
Mask: Stringent  
Latitude: 33 37 43.00 N (NAD83)  
Longitude: 113 46 12.00 W  
Height AMSL: 378.0 m (Adjusted based on actual ground elevation calculation)  
HAAT: 0.0 m  
Peak ERP: 0.200 kW  
Antenna: SAM-SAM-137 Array (ID 1007827) 100.0 deg  
Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.107 kW	-6.7 m	15.2 km
45.0	0.186	-81.6	17.7
90.0	0.090	-45.1	14.7
135.0	0.134	-13.1	16.2
180.0	0.166	-55.4	17.1
225.0	0.034	-106.6	11.7
270.0	0.014	-30.3	9.3
315.0	0.010	28.0	8.5

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m    Computed HAAT: -39 m

Distance to Canadian border: 1708.3 km

\*\*Proposal is within coordination distance of Mexican border

Distance to Mexican border: 134.3 km

Conditions at FCC monitoring station: Douglas AZ

Bearing: 120.4 degrees    Distance: 452.3 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:

Bearing: 43.9 degrees    Distance: 1044.8 km

Study cell size: 1.00 km

Profile point spacing: 0.10 km

Maximum new IX to full-service and Class A: 0.50%

Maximum new IX to LPTV: 2.00%

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Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	K04SE-D	D4	LD	CP	PARKER, AZ		

Service area		Terrain-limited		IX-free		Percent IX	
634.0	320	560.7	320	560.7	320	0.00	0.00