

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: aFortuna2d150wCL24at20S, Model: Longley-Rice

Start: 2021.01.07 11:36:56

Study created: 2021.01.07 11:36:56

Study build station data: LMS TV 2021-01-06

Proposal: KBFY-LP D2 LD FORTUNA, AZ

Facility ID: 16657

Station data: User record

Record ID: 1737

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	KHIZ-LD	D2	LD	LIC	LOS ANGELES, CA	BLDTV20140508AAA	363.0 km
No	KHSV	D2	DT	LIC	LAS VEGAS, NV	BLCDT20050824ABJ	371.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D2

Mask: Simple

Latitude: 32 40 58.30 N (NAD83)

Longitude: 114 37 32.50 W

Height AMSL: 96.4 m

HAAT: 0.0 m

Peak ERP: 0.150 kW

Antenna: SCA-CL-24 (ID 1001165) 20.0 deg

Elev Pattn: Generic

43.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	0.105 kW	38.0 m	16.8 km
45.0	0.083	54.8	19.3
90.0	0.000	34.3	3.3
135.0	0.000	27.2	1.7
180.0	0.000	37.2	3.8
225.0	0.000	63.4	4.8
270.0	0.000	57.9	2.4
315.0	0.000	32.9	4.6

Database HAAT does not agree with computed HAAT
 Database HAAT: 0 m Computed HAAT: 43 m
 Distance to Canadian border: 1813.7 km
 **Proposal is within coordination distance of Mexican border
 Distance to Mexican border: 9.6 km
 Conditions at FCC monitoring station: Douglas AZ
 Bearing: 104.3 degrees Distance: 486.2 km
 Proposal is not within the West Virginia quiet zone area
 Conditions at Table Mountain receiving zone:
 Bearing: 42.7 degrees Distance: 1175.9 km
 Study cell size: 1.00 km
 Profile point spacing: 1.00 km
 Maximum new IX to full-service and Class A: 0.50%
 Maximum new IX to LPTV: 2.00%

 Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	KBFY-LP	D2	LD	STA	FORTUNA, AZ		
	Service area			Terrain-limited		IX-free	Percent IX
300.1	59,492	299.1		59,358	299.1	59,358	0.00 0.00