

Census data selected: 1990
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 09-11-2006 Time: 07:34:02

Record Selected for Analysis

USERRECORD-01 US
Channel 69 ERP 150. kW HAAT 136. m RCAMSL 00164 m
Latitude 026-15-23 Longitude 0098-13-49
Status APP Zone 2 Border Offset -
Last update Cutoff date Docket
Comments
Applicant

Cell Size for Service Analysis 1.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	74.0 dBu F(50,50) (km)
0.0	150.000	127.9	31.3
45.0	150.000	135.5	31.9
90.0	150.000	135.9	31.9
135.0	150.000	132.9	31.7
180.0	150.000	131.8	31.6
225.0	150.000	130.2	31.4
270.0	150.000	118.0	30.4
315.0	150.000	114.8	30.1

Contour Overlap Evaluation from LPTV Station to Full Service TV & DTV

No Spacing violations or contour overlap from LPTV station

Contour Overlap Evaluation from LPTV to Full Service TV & DTV Complete

Contour Overlap Evaluation from LPTV Station to LPTV Stations

Station inside contour of station
KSTI-LP 69 MCALLEN TX BLTTL 20000922ACJ

Contour Overlap Evaluation from LPTV to LPTV Stations Complete

Contour Overlap to Proposed Station

Station

KSTI-LP 69 MCALLEN

TX BLTTL20000922ACJ

Is inside contour of station

69

USERRECORD01

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is beyond the Canadian coordination distance

Proposed facility is within the Mexican coordination distance

Distance to border = 15.7km

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
69			USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
69			USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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Total scenarios = 1

Result key: 1

Scenario 1 Affected station 1

Before Analysis

Results for: 69N

	USERRECORD01	APP
	POPULATION	AREA (sq km)
within Noise Limited Contour	348660	2503.5
not affected by terrain losses	348660	2503.5
lost to NTSC IX	0	0.0
lost to additional IX by ATV	0	0.0
lost to all IX	0	0.0

Potential Interfering Stations Included in above Scenario 1

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