

Census data selected: 2000

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 03-21-2008 Time: 18:46:22

Record Selected for Analysis

KDTP USERRECORD-01 HOLLBROOK AZ US
Channel 11 ERP 160. kW HAAT 339. m RCAMSL 02447 m
Latitude 034-23-20 Longitude 0111-03-24
Status APP Zone 2 Border
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

Facility does not meet maximum height/power limits

Channel 11 ERP = 160.00 HAAT = 339.

Azimuth (Deg)	ERP (kW)	HAAT (m)	36.0 dBu F(50,90) (km)
0.0	160.000	194.2	107.6
45.0	160.000	189.2	107.1
90.0	160.000	133.2	99.9
135.0	160.000	389.1	124.1
180.0	160.000	611.1	142.9
225.0	160.000	653.7	144.4
270.0	160.000	355.5	121.0
315.0	160.000	189.2	107.1

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

KDTP 11 HOLLBROOK AZ USERRECORD01

and station

SHORT TO: KTAZ 11 HOLBROOK AZ BPCDT 20020306AAT
034-23-20 0111-03-24

Req. separation 273.6 Actual separation 0.0 Short 273.6 km

SHORT TO: KDTP 11 HOLBROOK AZ BPET 20060106AAR
034-55- 5 0110-08-25
Req. separation 273.6 Actual separation 102.5 Short 171.1 km

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 beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Channel	Proposed Station Call	City/State	ARN
11	KDTP	HOLLBROOK AZ	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.
11	KDTP	HOLLBROOK AZ	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	KSAZ-TV	PHOENIX AZ	149.5	LIC	BMLCT -20041005ACF
11	KTAZ	HOLBROOK AZ	0.0	CP	BPCDT -20020306AAT
11	KMSB-TV	TUCSON AZ	298.6	LIC	BMLCT -19900423KG
11	KYMA	YUMA AZ	378.9	LIC	BLCT -19880304KF
11	KLVX	LAS VEGAS NV	401.3	LIC	BLEDT -20020329ADR
11	KLVX-DT	LAS VEGAS NV	401.3	PLN	DTVPLN -DTVP0087
12	KPNX	MESA AZ	149.7	LIC	BLCT -20000711ABX

Total scenarios = 1

Result key: 1
Scenario 1 Affected station 1 KDTP
Before Analysis

Results for: 11A AZ HOLLBROOK

USERRECORD01

APP

HAAT 339.0 m, ATV ERP 160.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2813403	45743.5
not affected by terrain losses	1575847	36420.9
lost to NTSC IX	507074	1397.7
lost to additional IX by ATV	304785	23933.1
lost to ATV IX only	811859	25330.8
lost to all IX	811859	25330.8

Potential Interfering Stations Included in above Scenario 1

10N AZ PHOENIX	BMLCT	20041005ACF	LIC
11N AZ TUCSON	BMLCT	19900423KG	LIC
11N AZ YUMA	BLCT	19880304KF	LIC
12N AZ MESA	BLCT	20000711ABX	LIC
11A AZ HOLBROOK	BPCDT	20020306AAT	CP
11A NV LAS VEGAS	BLEDT	20020329ADR	LIC

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