Census data selected: 2000

Post DTV Transition Database Selected

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 04-01-2010 Time: 15:49:53

Record Selected for Analysis

NEW USERRECORD-01 XXXXX XX US
Channel 42 ERP 15. kW HAAT 80. m RCAMSL 00088 m STRINGENT MASK
Latitude 032-40-30 Longitude 0115-22-38
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

Not full service station

Facility meets maximum power limit

Azimuth (Deg)	ERP (kW)	HAAT (m)	51.0 dBu F(50,90) (km)
0.0	15.000	85.7	40.9
45.0	15.000	78.1	39.8
90.0	15.000	70.1	38.5
135.0	15.000	70.3	38.6
180.0	15.000	80.4	40.1
225.0	15.000	83.6	40.6
270.0	15.000	84.7	40.7
315.0	15.000	91.0	41.6

Contour Overlap to Proposed Station

Contour Overlap Evaluation to Proposed Station Complete

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quiet 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 = 0.8km

Proposed station is OK toward AM broadcast stations

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Start of Interference Analysis

Proposed Station

Channel	Call	City/State	ARN
42	NEW	XXXXX XX	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
27	NEW	YUMA AZ	66.3	APP	BNPTTL -20000831BMB
27	NEW	BRAWLEY CA	37.7	APP	BNPTTL -20000828ALJ
27	NEW	BRAWLEY CA	37.7	APP	BNPTTL -20000828ARI
27	NEW	EL CENTRO CA	20.9	APP	BNPTTL -20000818ACS
28	K28FM	YUMA AZ	97.3	LIC	BLTTL -20001006AAL
35	KESE-LP	YUMA AZ	76.6	LIC	BLTTL -20001117AAJ
35	KESE-LP	YUMA AZ	76.6	APP	BMAPTTL -20000818AEP
41	KBFY-LP	FORTUNA AZ	97.4	LIC	BLTTL -20020614AAB
41	NEW	INDIO/PALM SPRINGS CA	164.8	APP	BDCCDTL -20070410AAT
41	KZSD-LP	SAN DIEGO CA	153.4	LIC	BLTTL -20030507AAF
41	NEW	YUCCA VALLEY CA	201.8	APP	BDCCDTT -20070411AAK
42	K42CQ	CHLORIDE AZ	322.3	CP	BDFCDTT -20090824AGB
42	K42CQ	CHLORIDE AZ	322.3	LIC	BLTT -19931213JD
42	K42AC	COTTONWOOD, ETC. AZ	375.4	LIC	BLTT -19890731IM
42	K42CP	PEACH SPRINGS AZ	365.0	CP	BDFCDTT -20090824AFQ
42	K42CP	PEACH SPRINGS AZ	365.0	LIC	BLTT -19900523ID
42	KVPA-LD	PHOENIX AZ	317.2	LIC	BLDTL -20100216AAT
42	K42EU	TOPOCK AZ	278.4	CP	BDFCDTT -20090824AGI
42	K42EU	TOPOCK, ETC. AZ	278.4	LIC	BLTT -20011113ABJ
42	KUVE-CA	TUCSON AZ	402.4	APP	BDISDTA -20090630AAU
42	NEW	YUMA AZ	97.4	APP	BNPDTL -20090825BSU
42	KWHY-TV	LOS ANGELES CA	302.0	LIC	BLCDT -20060629AFB
42	KESQ-TV	PALM SPRINGS CA	164.9	CP	BPCDT -20090506ACR
42	KBOP-CA	SAN DIEGO CA	145.9	APP	BDISDTA -20091117ADG
42	K42AA	PAHRUMP NV	364.9	CP	BDFCDTT -20091005ACN
42	K42AA	PAHRUMP NV	366.2	LIC	BLTT -1944
43	NEW	YUMA AZ	66.3	APP	BNPTTL -20000831BKF
43	KDUO-LP	PALM DESERT CA	164.8	LIC	BLTTL -20071210ABX
43	KDUO-LP	PALM DESERT CA	164.8	APP	BDFCDTL -20100217AAL
43	KBOP-CA	SAN DIEGO CA	145.9	LIC	BLTTA -20080421ABQ
43	KSKT-CA	SAN MARCOS CA	153.4	APP	BDFCDTA -20051020AAP
43	KSKT-CA	SAN MARCOS CA	153.3	LIC	BLTT -19941201JC
44	NEW	WELTON AZ	97.5	APP	BNPTTL -20000831BMM
45	NEW	YUMA AZ	96.5	APP	BNPTTL -20000822ABC
45	NEW	YUMA AZ	71.4	APP	BNPTTL -20000828AIC
45	NEW	EL CENTRO CA	33.0	APP	BNPTTL -20000830AKH
46	NEW	YUMA AZ	71.5	APP	BNPTTL -20000831BYX
46	NEW	YUMA AZ	71.5	APP	BNPTTL -20000831AOW
46	NEW	EL CENTRO CA	33.0	APP	BNPTTL -20000831CJK
49	K49BX	MARTINEZ LAKE AZ	94.4	LIC	BLTT -19880729IS