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Request for LPTV Engineering STA TVStudy Analysis Summary Version 2.2.5.

Study created: 2022.06.02 11:30:30

Study build station data: LMS TV 2022-06-01

Proposal: K300I-D D30+ LD STA CAMP VERDE, AZ
File number: K300I-D Eng-STA
Facility ID: 69922
Station data: User record
Record ID: 794
Country: U.S.

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

Search options:
Non-U.S. records included

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	K23FZ-D	N23+	TX	LIC	CAMP VERDE, AZ	BLTT20040927ABU	0.0 km
No	DKCOS-LP	N28-	TX	APP	PHOENIX, AZ	BLTTL19990325JD	110.6
No	K29LM-D	D29	LD	LIC	COTTONWOOD, ETC., AZ	BLANK0000062886	32.8
No	KTAZ	D29	DT	LIC	PHOENIX, AZ	BLANK0000190913	127.4
No	K30GG-D	D30	LD	LIC	CHLORIDE, AZ	BLDTT20130308AAS	233.4
Yes	K30DT-D	N30z	TX	LIC	FLAGSTAFF, AZ	BLTT19921023JD	89.3
Yes	K30DT-D	D30	LD	LIC	FLAGSTAFF, AZ	BLANK0000163742	89.2
No	K30MM-D	D30	LD	LIC	GILA RIVER INDIAN CO, AZ	BLANK0000177644	127.7
No	K30LL-D	D30	LD	LIC	KINGMAN, AZ	BLDTT20111207AFE	197.5
No	K30GL-D	D30+	LD	LIC	MANY FARMS, AZ	BLANK0000093170	335.1
Yes	K30JD-D	D30	LD	LIC	PRESCOTT, AZ	BLDTT20130130AIN	60.5
No	KUAT-TV	D30	DT	LIC	TUCSON, AZ	BLEDT20040727ABR	252.4
No	K30QU-D	D30	LD	CP	DESERT CENTER, CA	BNPDTL20100514ACU	322.7
No	DK30BQ	D30	LD	APP	NEEDLES, CA	BDFCDDT20100519ADJ	236.6
No	K30KV-D	D30	LD	LIC	CROWNPOINT, NM	BLDDT20110927AGJ	364.6
No	KDNJ-LD	D30	LD	LIC	LAS VEGAS, NV	BLANK0000165183	331.3
No	K30MH-D	D30	LD	LIC	VERTON, NV	BLANK0000137693	343.3
No	K30PR-D	D30+	LD	LIC	PAHRUMP, NV	BLANK0000063658	368.0
No	K30OE-D	D30	LD	LIC	ALTON, UT	BLANK0000059960	328.2
No	K30OR-D	D30	LD	LIC	ESCALANTE, UT	BLANK0000080358	369.4
No	K30PD-D	D30	LD	LIC	KANAB, UT	BLANK0000060011	293.7
No	K30PK-D	D30	LD	LIC	KANARRAVILLE, ETC., UT	BLANK0000091222	356.2
No	K30OT-D	D30	LD	LIC	TROPIC/CANNONVILLE, UT	BLANK0000074869	360.7
No	K30OL-D	D30	LD	LIC	WASHINGTON, ETC., UT	BLANK0000091273	349.0
No	K31LZ	N31	TX	CP	CAMP VERDE, AZ	BMPTTL20130125AAD	0.0
No	K31LZ	N31	TX	LIC	CAMP VERDE, AZ	BLTTL20130125AAC	0.0
No	K31NV-D	D31	LD	LIC	GLOBE-MIAMI, AZ	BLANK0000064182	155.8
No	KPPX-TV	D31	DT	LIC	TOLLESON, AZ	BLANK0000035245	127.4
No	K31NF-D	D31	LD	LIC	VERDE VALLEY, ETC., AZ	BLANK0000061922	32.9

No	K31NE-D	D31	LD	LIC	WILLIAMS, AZ	BLANK0000058812	86.6
No	CADENATRES	D30	DT	LIC	SAN FELIPE, BN	BLANKBPFS20160524AAW	473.2
No	XHRCS	D30	DT	LIC	SAN LUIS RIO COLORAD, SO	BLANKBPFS20160302AAE	349.3

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D30+
Mask: Full Service
Latitude: 34 28 12.40 N (NAD83)
Longitude: 111 52 25.20 W
Height AMSL: 1974.9 m (Adjusted based on actual ground elevation calculation)
HAAT: 0.0 m
Peak ERP: 0.122 kW
Antenna: SCA CL-1469B 0.0 deg
Elev Pattn: Generic

50.3 dBu contour:	Azimuth	ERP	HAAT	Distance
	0.0 deg	0.122 kW	969.6 m	43.9 km
	45.0	0.006	943.5	25.3
	90.0	0.000	936.1	2.3
	135.0	0.000	874.0	2.3
	180.0	0.000	380.5	2.2
	225.0	0.000	537.0	2.2
	270.0	0.000	508.7	2.2
	315.0	0.006	441.4	18.7

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 699 m

Distance to Canadian border: 1614.7 km

Distance to Mexican border: 300.5 km

Conditions at FCC monitoring station: Douglas AZ
Bearing: 147.3 degrees Distance: 389.5 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 41.0 degrees Distance: 857.8 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%

Proposal causes 1.84% interference to BLTT19921023JD LIC scenario 1
Proposal causes 0.21% interference to BLANK0000163742 LIC scenario 1
Proposal causes no interference to BLDTT20130130AIN LIC
Proposal causes no interference to K300I-D Eng-STA STA
No IX check failures found.