

SUMMARY OF OET-69 INTERFERENCE ANALYSIS
PROPOSED DIGITAL TELEVISION TRANSLATOR K57BC
SAN LUIS OBISPO, CALIFORNIA
CHANNEL 31 0.14 KW (MAX-DA) 762 M AMSL

Census data selected: 1990
TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Record Selected for Analysis

K57BC USERRECORD-01 SAN LUIS OBISPO, ETC. CA US
Channel 31 ERP 0.14 kW HAAT 421. m RCAMSL 00762 m SIMPLE MASK
Latitude 035-21-38 Longitude 0120-39-21
Status APP Zone 2 Border
Dir Antenna Make CDB Model 00000000020752 Beam tilt N Ref Azimuth 270.
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	0.126	386.7	31.9
45.0	0.039	383.0	25.5
90.0	0.004	336.0	13.8
135.0	0.039	127.3	14.7
180.0	0.126	645.1	38.1
225.0	0.139	591.5	37.8
270.0	0.113	602.2	36.7
315.0	0.139	295.4	29.8

Channel	Callsign	File Number	Status	City	State	Baseline	Net Change	Percent Change
16	K16FC	BMSTA-20030618ACC	STA	SAN LUIS OBISPO	CA	--	0	0
16	K16FC	BLTT-20040607ADJ	LIC	SAN LUIS OBISPO	CA	--	0	0
17	KLDF-CA	BLTTL-19980720JB	LIC	LOMPOC	CA	--	0	0
17	K17GD	BLTTA-20030319AAR	LIC	PASO ROBLES	CA	--	0	0
17	KSBB-LP	BLTTL-20010710AAX	LIC	SANTA BARBARA	CA	--	0	0
23	K23CL	BLTT-19920804JD	LIC	LOMPOC	CA	--	0	0
23	KMBY-LP	BLTTL-20070829AAW	LIC	PASO ROBLES	CA	--	0	0
24	KKFX-CA	BLTTL-19980917JG	LIC	SAN LUIS OBISPO	CA	--	0	0
28	K28FK	BLTTL-19980902JB	LIC	SAN LUIS OBISPO	CA	--	0	0
28	K28GY	BLTT-20040412AAU	LIC	SANTA BARBARA, ETC.	CA	--	0	0
30	KBFK-LD	BDCCDTL-20060928AFR	CP	BAKERSFIELD	CA	--	0	0

Channel	Callsign	File Number	Status	City	State	Baseline	Net Change	Percent Change
30	KPAO-LD	BDCCDTL-20070521AED	CP	PASO ROBLES	CA	59942	39	0.065
30	NEW	BSFDTL-20060630BPM	APP	SANTA BARBARA	CA	--	0	0
30	KDFS-CA	BLTTL-19980618JH	LIC	SANTA MARIA	CA	--	0	0
30	NEW	BSFDTT-20060630CRI	APP	VENTURA	CA	--	0	0
31	KBTF-CA	BLTTA-20041126ACC	LIC	BAKERSFIELD	CA	--	0	0
31	K31JM-D	BDCCDTT-20061016ACY	CP	CHINA LAKE, ETC.	CA	--	0	0
31	KBID-LP	BLTTL-20071001BOA	LIC	FRESNO	CA	--	0	0
31	KTLA	BLCDT-20050713ACE	LIC	LOS ANGELES	CA	--	0	0
31	KSMS-TV	BPCDT-19991101AFU	CP	MONTEREY	CA	823027	13	0.002
31	KMAX-TV	BLCT-20021125AAK	LIC	SACRAMENTO	CA	--	0	0
31	NEW	BSFDTL-20060630BPJ	APP	SAN LUIS OBISPO	CA			*
31	NEW	BSFDTL-20060630AXD	APP	SAN LUIS OBISPO	CA			*
31	K31AD	BLTT-19900108IL	LIC	VICTORVILLE, ETC.	CA	--	0	0
32	NEW	BSFDTL-20060630COZ	APP	BAKERSFIELD	CA	--	0	0
32	NEW	BSFDTL-20060630CIR	APP	BAKERSFIELD	CA	--	0	0
32	NEW	BSFDTL-20060630BVW	APP	BAKERSFIELD	CA	--	0	0
32	KION-TV	BPCDT-19991201AAR	APP	MONTEREY	CA	--	0	0
32	KION-TV	BLCDT-20030604ACO	LIC	MONTEREY	CA	--	0	0
32	KSBT-LP	BLTTL-19990922AAQ	LIC	SANTA BARBARA	CA	--	0	0
33	KTAS	BLCT-19900416KF	LIC	SAN LUIS OBISPO	CA	--	0	0
35	K35ER	BLTTL-19980902JD	LIC	SANTA MARIA	CA	--	0	0
38	KPMR	BMLCT-20051228ACS	LIC	SANTA BARBARA	CA	--	0	0
16	K16FC	BMSTA-20030618ACC	STA	SAN LUIS OBISPO	CA	--	0	0
16	K16FC	BLTT-20040607ADJ	LIC	SAN LUIS OBISPO	CA	--	0	0
17	KLDF-CA	BLTTL-19980720JB	LIC	LOMPOC	CA	--	0	0
17	K17GD	BLTTA-20030319AAR	LIC	PASO ROBLES	CA	--	0	0
17	KSBB-LP	BLTTL-20010710AAX	LIC	SANTA BARBARA	CA	--	0	0
23	K23CL	BLTT-19920804JD	LIC	LOMPOC	CA	--	0	0
23	KMBY-LP	BLTTL-20070829AAW	LIC	PASO ROBLES	CA	--	0	0
24	KKFX-CA	BLTTL-19980917JG	LIC	SAN LUIS OBISPO	CA	--	0	0
28	K28FK	BLTTL-19980902JB	LIC	SAN LUIS OBISPO	CA	--	0	0
28	K28GY	BLTT-20040412AAU	LIC	SANTA BARBARA, ETC.	CA	--	0	0
30	KBFK-LD	BDCCDTL-20060928AFR	CP	BAKERSFIELD	CA	--	0	0
30	KPAO-LD	BDCCDTL-20070521AED	CP	PASO ROBLES	CA	--	0	0
30	NEW	BSFDTL-20060630BPM	APP	SANTA BARBARA	CA	--	0	0
30	KDFS-CA	BLTTL-19980618JH	LIC	SANTA MARIA	CA	--	0	0
30	NEW	BSFDTT-20060630CRI	APP	VENTURA	CA	--	0	0

* The instant application is mutually-exclusive with the pending digital companion channel applications given by FCC File Nos. BSFDTL-20060630BPJ and BSFDTL-20060630AXD. However, pursuant to Section 73.3572(a)(4)(ii) of the FCC Rules, the instant application is afforded priority over pending 'nondisplacement' applications, including the above. Therefore, it is requested that the FCC dismiss the applications BSFDTL-20060630BPJ and BSFDTL-20060630AXD; and grant the instant displacement application for K57BC.