

Klein Broadcast Engineering, L.L.C.

Job: KBOX at KRQK 20050414.fmj

Master Database: 2005_APR_14W.fmd

Lat: N34:44:30 Lon: W120:26:45 NAD-27(Proposed New Transmitter Site for KBOX(FM)

Channel: 281 Class: B1

Status: Licensed, Construction Permit, Application, Addition, Vacant/Reserved

Channels: Co-Channel, 1st Adj, 2nd Adj, 3rd Adj, IF, TV6

Range: 100 km

Comments: No Comments

Description: EXHIBIT E-1 FCC FM CHANNEL SPACING STUDY

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Page 1 of 1

Date: 4/15/2005

Callsign	Latitude (NAD27	Longitude (NAD27	City	State	Servi	Channel	Class	ERP	HAAT	Status	73 207 Min	73 207 Clear	73 215 Min	73 215 Clear	Adjacency	Distance	Bearing
KBOX	N34:44:20	W120:26:41	LOMPOC	CA	FM	281 : 104.1 MHz B1	B1	3.60	267	APP	175	-174.68	143	-142.68	Co-Chan	0.32	161
KBOX	N34:43:50	W120:26:01	LOMPOC	CA	FM	281 : 104.1 MHz B1	B1	5.70	208	LIC	175	-173.33	143	-141.33	Co-Chan	1.67	138
KIQO	N35:21:40	W120:39:21	ATASCADERO	CA	FM	283 : 104.5 MHz B	B	4.70	440	LIC	71	0.34	65	6.34	2nd Adj	71.34	344
KBDS	N35:07:04	W119:27:33	TAFT	CA	FM	280 : 103.9 MHz A	A	6.00	100	LIC	96	3.34	72	27.34	1st Adj	99.34	065
NEW	N34:36:13	W120:29:17	LOMPOC	CA	FM	279 : 103.7 MHz DX	DX	0.01	0	APP	0	15.79	0	15.79	2nd Adj	15.79	194
NEW	N34:54:38	W120:23:56	SANTA MARIA	CA	FM	279 : 103.7 MHz DX	DX	0.02	0	APP	0	19.22	0	19.22	2nd Adj	19.22	013
KFRR	N36:38:12	W118:56:34	WOODLAKE	CA	FM	281 : 104.1 MHz B	B	17.00	260	LIC	211	39.43	178	72.43	Co-Chan	250.43	033
KCAQ	N34:20:55	W119:20:13	OXNARD	CA	FM	284 : 104.7 MHz B	B	5.10	450	LIC	71	39.73	65	45.73	3rd Adj	110.73	113
NEW	N35:07:27	W120:34:59	ARROYO GRA	CA	FM	279 : 103.7 MHz L1	L1	0.00	-13	CP	0	44.25	0	44.25	2nd Adj	44.25	344
STAT:VAC	N35:40:16	W119:20:30	MCFARLAND	CA	FM	282 : 104.3 MHz A	A	0.00	0	VAC	96	48.02	72	72.02	1st Adj	144.02	044
K227BI	N34:31:28	W119:57:35	SANTA BARBA	CA	FM	227 : 93.3 MHz DX	DX	0.01	0	CP	0	50.67	0	50.67	IF	50.67	118
KZOZ	N35:21:40	W120:39:21	SAN LUIS OBISCA	CA	FM	227 : 93.3 MHz B	B	23.00	472	LIC	17	54.34	17	54.34	IF	71.34	344
NEW	N34:23:23	W119:54:20	ISLA VISTA	CA	FM	282 : 104.3 MHz DX	DX	0.25	0	APP	0	63.11	0	63.11	1st Adj	63.11	128
NEW	N34:23:23	W119:54:20	ISLA VISTA	CA	FM	279 : 103.7 MHz DX	DX	0.25	0	APP	0	63.11	0	63.11	2nd Adj	63.11	128
KCAQ	N34:24:46	W119:02:13	OXNARD	CA	FM	284 : 104.7 MHz B	B	50.00	150	CP	71	63.33	65	69.33	3rd Adj	134.33	106
NEW	N35:18:31	W120:35:57	SAN LUIS OBISCA	CA	FM	279 : 103.7 MHz DX	DX	0.01	0	APP	0	64.43	0	64.43	2nd Adj	64.43	347
KTEA	N35:38:26	W121:04:37	CAMBRIA	CA	FM	278 : 103.5 MHz A	A	1.45	207	LIC	48	67.11	42	73.11	3rd Adj	115.11	330
NEW	N34:26:56	W119:46:28	SANTA BARBA	CA	FM	280 : 103.9 MHz DX	DX	0.01	0	APP	0	69.63	0	69.63	1st Adj	69.63	118
KMLA	N34:18:10	W119:13:41	EL RIO	CA	FM	279 : 103.7 MHz A	A	0.48	246	LIC	48	73.95	42	79.95	2nd Adj	121.95	114
KBIG-FM	N34:13:36	W118:03:59	LOS ANGELES	CA	FM	282 : 104.3 MHz B	B	65.00	929	APP	145	80.92	114	111.92	1st Adj	225.92	105
KBIG-FM	N34:13:36	W118:03:59	LOS ANGELES	CA	FM	282 : 104.3 MHz B	B	84.00	882	LIC	145	80.92	114	111.92	1st Adj	225.92	105
NEW	N34:20:16	W119:32:29	SUMMERLAND	CA	FM	283 : 104.5 MHz DX	DX	0.25	0	APP	0	94.34	0	94.34	2nd Adj	94.34	118