

Klein Broadcast Engineering, L.L.C.
 Job: KCUV LOOKOUT 20060929.fmj
 Master Database: 2006_Sep_29.fmd

EXHIBIT E-1 FCC FM CHANNEL SPACING STUDY

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 Date: 9/29/2006

Lat: N39:43:59 Lon: W105:14:10 NAD-27(Proposed KCUV Transmitter Site Geographic Coordinates)

Channel: 272 Class: A

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 KCUV 20060929

Callsign	Latitude (NAD27)	Longitude (NAD27)	City	State	ServiChannel	Class	ERP	HAAT	Status	73 207 Min	73 207 Clear	73 215 Min	73 215 Clear	Adjacency	Distance	Bearing	
KCUV	N39:40:02	W104:59:07	GREENWOO	CO	FM 272 : 102.3 MHz A	A	6.00	100	APP	115	-92.28	92	-69.28	Co-Chan	22.72	109	
KCUV	N39:39:55	W104:51:38	GREENWOO	CO	FM 272 : 102.3 MHz A	A	6.00	64	LIC	115	-81.92	92	-58.92	Co-Chan	33.08	103	
STAT:RSV	N39:37:32	W104:47:47	GREENWOO	CO	FM 272 : 102.3 MHz A	A	0.00	0	RSV	115	-75.43	92	-52.43	Co-Chan	39.57	108	
KCUV	N39:38:38	W104:23:27	STRASBURG	CO	FM 272 : 102.3 MHz C3	C3	0.00	0	RSV	142	-68.81	119	-45.81	Co-Chan	73.19	098	
KCUV	N39:38:38	W104:23:27	STRASBURG	CO	FM 272 : 102.3 MHz C3	C3	0.00	0	RSV	142	-68.81	119	-45.81	Co-Chan	73.19	098	
KCUV	N39:38:38	W104:23:27	STRASBURG	CO	FM 272 : 102.3 MHz C3	C3	0.00	0	RSV	142	-68.81	119	-45.81	Co-Chan	73.19	098	
≡KSM T	N39:29:44	W106:01:44	BRECKENRID	CO	FM 272 : 102.3 MHz A	A	6.00	-64	LIC	115	-41.99	92	-18.99	Co-Chan	73.01	249	
≡KRKY-FM	N40:17:34	W105:33:05	ESTES PARK	CO	FM 271 : 102.1 MHz C3	C3	25.00	52	LIC	89	-21.27	72	-4.27	1st Adj	67.73	337	
NEW	N39:43:46	W105:14:08	GOLDEN	CO	FM 274 : 102.7 MHz DX	DX	0.00	0	APP	0	0.40	0	0.40	2nd Adj	0.40	173	
NEW	N39:43:46	W105:14:08	GOLDEN	CO	FM 270 : 101.9 MHz DX	DX	0.00	0	APP	0	0.40	0	0.40	2nd Adj	0.40	173	
≡KSM T	N39:29:44	W106:01:44	USER ADD	XX	ED 271 : 102.1 MHz A	A	6.00	-64	LIC	72	1.01	49	24.01	1st Adj	73.01	249	
KTRR	N40:38:31	W104:49:03	LOVELAND	CO	FM 273 : 102.5 MHz C2	C2	17.00	234	LIC	106	1.03	89	18.03	1st Adj	107.03	019	
*KRKY-FM	N40:21:38	W105:31:12	ESTES PARK	CO	FM 271 : 102.1 MHz A	A	6.00	25	CP	72	1.77	49	24.77	1st Adj	73.77	341	
*KSMT 207	N39:25:34	W106:05:56	USER ADD	XX	ED 271 : 102.1 MHz A	A	6.00	-64	LIC	72	9.59	49	32.59	1st Adj	81.59	245	
NEW	N39:45:57	W105:21:59	WHEAT RIDG	CO	FM 275 : 102.9 MHz DX	DX	0.01	0	APP	0	11.75	0	11.75	3rd Adj	11.75	288	
K269CL	N39:37:24	W105:17:24	EVERGREEN	CO	FM 269 : 101.7 MHz DX	DX	0.04	354	LIC	0	13.03	0	13.03	3rd Adj	13.03	201	
NEW	N39:48:59	W105:05:03	ARVADA	CO	FM 274 : 102.7 MHz DX	DX	0.00	0	APP	0	15.97	0	15.97	2nd Adj	15.97	055	
KGDQ	N39:08:11	W104:55:34	COLORADO	SCO	FM 270 : 101.9 MHz C2	C2	50.00	150	LIC	55	16.42	49	22.42	2nd Adj	71.42	158	
KBIQ	N38:44:43	W104:51:39	MANITOU	SP	CO	FM 274 : 102.7 MHz C	C	57.00	695	LIC	95	19.35	89	25.35	2nd Adj	114.35	164
K269AE	N39:57:38	W105:12:52	BOULDER	CO	FM 269 : 101.7 MHz DX	DX	0.10	0	LIC	0	25.33	0	25.33	3rd Adj	25.33	004	
NEW	N39:44:26	W105:32:21	IDAHO SPRIN	CO	FM 272 : 102.3 MHz DX	DX	0.00	0	APP	0	25.99	0	25.99	Co-Chan	25.99	272	
K269FE	N39:54:21	W105:26:32	PINECLIFFE	CO	FM 269 : 101.7 MHz DX	DX	0.10	0	CP	0	26.07	0	26.07	3rd Adj	26.07	317	
KSPK	N37:37:39	W104:49:17	WALSENBUR	CO	FM 272 : 102.3 MHz C1	C1	100.00	131	LIC	200	36.50	178	58.50	Co-Chan	236.50	171	
KYGT-LP	N39:43:56	W105:40:38	IDAHO SPRIN	CO	FM 274 : 102.7 MHz L1	L1	0.00	19	LIC	0	37.82	0	37.82	2nd Adj	37.82	270	
KRKY-FM1	N40:04:20	W105:21:12	BOULDER	CO	FM 271 : 102.1 MHz DB	DB	0.18	0	LIC	0	38.97	0	38.97	1st Adj	38.97	345	
KGDQ-FM2	N39:23:06	W105:02:51	SEDALIA	CO	FM 270 : 101.9 MHz DB	DB	0.10	0	LIC	0	41.90	0	41.90	2nd Adj	41.90	157	
KAMV-LP	N39:57:28	W104:48:32	BRIGHTON	CO	FM 270 : 101.9 MHz L1	L1	0.00	8	CP	0	44.27	0	44.27	2nd Adj	44.27	056	
KGDQ-FM2	N39:25:39	W104:52:00	SOUTHGLEN	CO	FM 270 : 101.9 MHz DB	DB	0.00	0	CP	0	46.46	0	46.46	2nd Adj	46.46	137	
KARS-FM	N40:52:37	W105:41:44	LARAMIE	WY	FM 275 : 102.9 MHz C1	C1	83.00	248	LIC	75	57.89	69	63.89	3rd Adj	132.89	343	
K275AH	N40:14:24	W105:03:23	BERTHOUD	CO	FM 275 : 102.9 MHz DX	DX	0.00	0	CP	0	58.34	0	58.34	3rd Adj	58.34	015	

*(see Introduction & Engineering Statement for an explanation of stations so marked)