

Klein Broadcast Engineering, L.L.C.
 Job: 299 C1 SHIPROCK NM 20060306.fmj
 Master Database: 2006_Mar_05.fmd

EXHIBIT E-1 FCC FM SPACING STUDY

Page 1 of 1
 Date: 3/5/2006

Lat: N36:46:44 Lon: W108:43:14 NAD-27(Proposed Transmitter Site Location Coordinates)

Channel: 299 Class: C1

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 SPACING STUDY

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
STAT:VAC	N36:46:12	W108:42:49	SHIPROCK	NM	FM	299 : 107.7 MHz C1	C1	0.00	0	VAC	245	-243.83	224	-222.83	Co-Chan	1.17	148
*NEW	N36:46:12	W108:42:49	SHIPROCK	NM	FM	299 : 107.7 MHz C1	C1	0.00	0	APP	245	-243.83	224	-222.83	Co-Chan	1.17	148
KLJH	N37:21:46	W107:47:40	BAYFIELD	CO	FM	296 : 107.1 MHz C	C	100.00	574	LIC	105	-0.20	99	5.80	3rd Adj	104.80	052
NEW	N36:47:26	W108:39:11	SHIPROCK	NM	FM	300 : 107.9 MHz L1	L1	0.00	69	CP	0	6.16	0	6.16	1st Adj	6.16	078
KFXR-FM	N36:21:07	W109:49:54	CHINLE	AZ	FM	297 : 107.3 MHz C2	C2	3.60	497	LIC	79	31.18	73	37.18	2nd Adj	110.18	245
KDAG	N36:48:52	W107:53:32	FARMINGTON	NM	FM	245 : 96.9 MHz C	C	100.00	307	LIC	41	33.04	41	33.04	IF	74.04	087
KDAG	N36:48:52	W107:53:32	FARMINGTON	NM	FM	245 : 96.9 MHz C0	C0	100.00	303	CP	37	37.04	37	37.04	IF	74.04	087
KBKL	N39:03:56	W108:44:52	GRAND JUNCT	CO	FM	300 : 107.9 MHz C	C	100.00	445	LIC	209	44.81	188	65.81	1st Adj	253.81	359
KBKL	N39:03:56	W108:44:52	GRAND JUNCT	CO	FM	300 : 107.9 MHz C	C	100.00	470	CP	209	44.81	188	65.81	1st Adj	253.81	359
K296DL	N36:41:51	W108:13:19	FARMINGTON	NM	FM	296 : 107.1 MHz DX	DX	0.25	87	LIC	0	45.44	0	45.44	3rd Adj	45.44	101
KLJH-FM1	N36:41:46	W108:13:13	FARMINGTON	NM	FM	296 : 107.1 MHz DB	DB	2.90	0	CP	0	45.62	0	45.62	3rd Adj	45.62	102
KBQI	N35:12:43	W106:26:57	ALBUQUERQU	NM	FM	300 : 107.9 MHz C	C	22.50	1259	LIC	209	59.66	188	80.66	1st Adj	268.66	130
STAT:VAC	N38:40:48	W106:46:48	GUNNISON	CO	FM	299 : 107.7 MHz C3	C3	0.00	0	VAC	211	60.64	200	71.64	Co-Chan	271.64	039
K300AL	N36:50:04	W108:01:40	FLORA VISTA	NM	FM	300 : 107.9 MHz DX	DX	0.10	0	LIC	0	62.13	0	62.13	1st Adj	62.13	084
K300AY	N36:40:13	W107:57:33	BLOOMFIELD	NM	FM	300 : 107.9 MHz DX	DX	0.00	0	CP	0	69.09	0	69.09	1st Adj	69.09	100
KQBA	N36:05:21	W106:01:41	LOS ALAMOS	NM	FM	298 : 107.5 MHz C1	C1	100.00	243	LIC	177	76.28	158	95.28	1st Adj	253.28	108
K296EO	N37:27:40	W108:30:30	DOLORES	CO	FM	296 : 107.1 MHz DX	DX	0.07	78	LIC	0	78.03	0	78.03	3rd Adj	78.03	014
K300BN	N37:21:54	W108:08:50	MANCOS	CO	FM	300 : 107.9 MHz DX	DX	0.20	0	LIC	0	82.65	0	82.65	1st Adj	82.65	038
K299AJ	N37:15:43	W107:54:19	DURANGO	CO	FM	299 : 107.7 MHz DX	DX	0.15	122	LIC	0	90.21	0	90.21	Co-Chan	90.21	054

This application will not provide protection to *New Application. The facility proposed herein and this application is being filed as a result of the applicant being notified as the winning bidder in FCC FM Auction #62, please see FCC Form 301 Introduction & Engineering Statement for details.