

FM Study for: KPINE FCC Database Date: 7/25/2003 39-54-21
 Location: PINECLIFFE, CO Channel Class: D 105-26-32
 Contours calculated on direct line using 73.509(a)
 [*] by Distance indicates directional antenna used in calculation.
 [*] by HAAT indicates calculated as missing in database.
 Call City, State Chan Class Freq kW Latitude Dist. Required
 Status Proponent File Number HAAT Longitude Azm. Clear (km)

 >>>>>>> Study For Channel 269 101.7 MHz <<<<<<<<

K215BE	ESTES PARK, CO	215 D	90.9	.018	40-21-38	50.9	0	
LIC	Fac. No. 68216	BLFT-19890321TF	14		105-31-13	352.5	+50.9	CLEAR
KLDV	MORRISON, CO	216 C	91.1	100.+	39-36-00	39.4	29	
LIC	Fac. No. 12354	BLED-19860908KB	356		105-12-35	149.5	+10.4	CLOSE
KLDV	MORRISON, CO	216 C0	91.1	100.	39-36-00	39.4	29	
CP	Fac. No. 12354	BPED-20010601AGJ	368		105-12-35	149.5	+10.4	CLOSE
KOSI	DENVER, CO	266 C	101.1	74.0+	39-43-45	26.4	93	
LIC	Fac. No. 67844	BLH-20020118AAJ	495		105-14-06	137.8	-66.6	SHORT
KPINE	F(50,10) 100 dBu =	1 km, KOSI	F(50,50)	60 dBu =	14 KM	+12 km*		
ALLOC	FORT MORGAN, CO	268 C	101.5		39-51-39	135.2	111	
RSV	Fac. No. 38629	-		0	103-51-44	91.6	+24.2	CLEAR
KBRUFM	FORT MORGAN, CO	268 C	101.5	92.0	39-55-22	125.8	111	73.215
APP	Fac. No. 38629	BPH-20020813ABJ	621		103-58-18	88.7	+14.8	CLOSE
KPINE	F(50,10) 54 dBu =	11 km, KBRUFM	F(50,50)	60 dBu =	92 KM	+22 km		
KTUN	EAGLE, CO	268 C	101.5	36.0	39-44-18	117.7	111	
LIC	Fac. No. 44012	BLH-19840427D0	674		106-47-58	261.3	+6.7	CLOSE
KPINE	F(50,10) 54 dBu =	8 km, KTUN	F(50,50)	60 dBu =	88 KM	+22 km		
KTUN	EAGLE, CO	269 C1	101.7	11.8+	39-44-18	117.68	117	73.215
APP	Fac. No. 44012	BPH-20020813ABK	674		106-47-58	261.3	+0.68	CLOSE
KPINE	F(50,10) 40 dBu =	16 km, KTUN	F(50,50)	60 dBu =	70 KM	+31 km*		
KKCSFM	COLORADO SPRINGS, CO	270 C	101.9	72.0	38-44-43	138.2	111	
LIC	Fac. No. 70822	BLH-19960111KJ	695		104-51-41	158.6	+27.2	CLEAR
KPINE	F(50,10) 54 dBu =	5 km, KKCSFM	F(50,50)	60 dBu =	96 KM	+38 km		
KXDC	ESTES PARK, CO	271 C3	102.1	25.0	40-17-34	44.0	40	
LIC	Fac. No. 76780	BLH-19991018ABT	52		105-33-05	347.8	+4.0	CLOSE
KPINE	F(50,10) 100 dBu =	1 km, KXDC	F(50,50)	60 dBu =	53 KM	-10 km		
KXDC	ESTES PARK, CO	271 C3	102.1	10.0	40-15-56	41.19	40	
CP	Fac. No. 76780	BPH-20020507AAH	156		105-33-37	345.9	+1.19	CLOSE
KPINE	F(50,10) 100 dBu =	1 km, KXDC	F(50,50)	60 dBu =	50 KM	-10 km		
KSMT	BRECKENRIDGE, CO	272 A	102.3	3.00	39-29-44	67.9	29	
LIC	Fac. No. 57336	BLH-6825	-70		106-01-44	228.0	+38.9	CLEAR
KPINE	F(50,10) 100 dBu =	1 km, KSMT	F(50,50)	60 dBu =	13 KM	+54 km		

FM Study for: KPINE FCC Database Date: 7/25/2003 39-54-21
 Location: PINECLIFFE, CO Channel Class: D 105-26-32

Contours calculated on direct line using 73.509(a)

[*] by Distance indicates directional antenna used in calculation.

[*] by HAAT indicates calculated as missing in database.

Call Status	City, State	Chan	Class	Freq	kW	Latitude	Dist.	Required
Proponent	File Number	HAAT	Longitude	Azm.	Clear (km)			
KAGM	STRASBURG, CO	272	C3	102.3	25.0+	39-41-50	79.3	40 73.215
APP	Fac. No. 37028	BPH-20030430	ACS	100		104-33-25	106.7	+39.3 CLEAR
KPINE	F(50,10) 100 dBu =	1 km, KAGM	F(50,50)	60 dBu =	35 KM			+44 km*
K269AE	BOULDER, CO	269	D	101.7	.103	39-57-38	20.4	44
LIC	Fac. No. 26927	BLFT-221		-58		105-12-52	72.6	-23.6 SHORT
KPINE	F(50,10) 40 dBu =	7 km, K269AE	F(50,50)	60 dBu =	6 KM			+7 km
NEW-X	LITTLETON, CO	268	D	101.5	.075+	39-38-44	41.0	32
APP	Fac. No. 140229	BNPFT-20030312	AGK	-20*		105-06-10	134.7	+9.0 CLOSE
KPINE	F(50,10) 54 dBu =	8 km, NEW-X	F(50,50)	60 dBu =	5 KM			+28 km*
NEW-X	LOVELAND, CO	269	D	101.7	.010+	40-29-36	68.9	44
APP	Fac. No. 140256	BNPFT-20030312	ADK	294*		105-10-52	18.7	+24.9 CLEAR
KPINE	F(50,10) 40 dBu =	8 km, NEW-X	F(50,50)	60 dBu =	10 KM			+51 km*
K269CL	EVERGREEN, CO	269	D	101.7	.035+	39-37-24	34.0	44
LIC	Fac. No. 48963	BLFT-19950811	TB	354		105-17-24	157.4	-10.0 SHORT
KPINE	F(50,10) 40 dBu =	4 km, K269CL	F(50,50)	60 dBu =	11 KM			+9 km*
NEW-X	GRANBY, CO	270	D	101.9	.250+	40-02-24	44.8	32
APP	Fac. No. 142131	BNPFT-20030313	APF	-170*		105-56-11	289.6	+12.8 CLOSE
KPINE	F(50,10) 54 dBu =	8 km, NEW-X	F(50,50)	60 dBu =	2 KM			+35 km*
NEW-X	GOLDEN, CO	270	D	101.9	.010+	39-43-46	26.4	32
APP	Fac. No. 147935	BNPFT-20030314	BOM	223*		105-14-08	137.8	-5.6 SHORT
KPINE	F(50,10) 54 dBu =	8 km, NEW-X	F(50,50)	60 dBu =	1 KM			+18 km*
NEW-X	IDAHO SPRINGS, CO	272	D	102.3	.005	39-44-26	20.1	14
APP	Fac. No. 158527	BNPFT-20030317	MOVZ	-170*		105-32-21	204.4	+6.1 CLOSE
KPINE	F(50,10) 100 dBu =	1 km, NEW-X	F(50,50)	60 dBu =	3 KM			+17 km
NEW	FT. COLLINS, CO	268	L1	101.5		40-35-17	82.9	111
APP	Fac. No. 132281	BNPL-20010122	ACX	0		105-02-52	23.8	-28.1 SHORT
NEW	FORT COLLINS, CO	268	L1	101.5		40-35-07	81.4	111
APP	Fac. No. 132317	BNPL-20010122	AIW	0		105-04-54	22.0	-29.6 SHORT
NEW	FORT COLLINS, CO	268	L1	101.5		40-35-07	81.4	111
APP	Fac. No. 132359	BNPL-20010122	AIV	0		105-04-54	22.0	-29.6 SHORT
KPINE	F(50,10) 54 dBu =	4 km, NEW	F(50,50)	60 dBu =	12 KM			+69 km*
NEW	BRIGHTON, CO	270	L1	101.9		39-57-28	54.4	111
APP	Fac. No. 131484	BNPL-20010118	ABZ	8		104-48-32	83.7	-56.6 SHORT
NEW	BRIGHTON, CO	270	L1	101.9		39-58-22	54.1	111
APP	Fac. No. 132477	BNPL-20010122	ALP	-7		104-48-57	81.9	-56.9 SHORT
KPINE	F(50,10) 54 dBu =	8 km, NEW	F(50,50)	60 dBu =	12 KM			+34 km*

