

02-08-2019

Larry Waggoner

FM Study for: K214AU FCC Database Date: 2/7/2019 38-52-37
 Location: SHARON SPRINGS, KS Channel Class: D 101-44-56

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 214 90.7 MHz <<<<<<<<

KZNK	BREWSTER, KS	211 C1	90.1	90.0	39-14-31	52.6	73	
LIC	Fac. No. 174740	BLED-20101027AAH	305		101-21-38	39.6	-20.4	SHORT
KZNK	F(50,10)	100 dBu =	10 km,	K214AUF(50,50)	60 dBu =	8 KM	+35 km	
K214AU	F(50,10)	100 dBu =	1 km,	KZNK F(50,50)	60 dBu =	71 KM	-19 km	
K211CH	LEOTI, KS	211 D	90.1	.250	38-29-08	55.2	14	
LIC	Fac. No. 37087	BLFT-19950509TE	42		101-21-28	141.8	+41.2	CLEAR
K211CH	F(50,10)	100 dBu =	1 km,	K214AUF(50,50)	60 dBu =	8 KM	+47 km	
K214AU	F(50,10)	100 dBu =	1 km,	K211CHF(50,50)	60 dBu =	7 KM	+47 km	
KZNA	HILL CITY, KS	213 C1	90.5	100.	39-15-57	171.3	91	
LIC	Fac. No. 33383	BLED-20070328ADN	201		99-50-00	74.8	+80.3	CLEAR
KZNA	F(50,10)	54 dBu =	88 km,	K214AUF(50,50)	60 dBu =	8 KM	+76 km	
K214AU	F(50,10)	54 dBu =	11 km,	KZNA F(50,50)	60 dBu =	58 KM	+102 km	
KCSE	LAMAR, CO	214 A	90.7	4.00	38-02-10	119.3	73	73.215
LIC	Fac. No. 175809	BLED-20140929AIN	113		102-35-58	218.8	+46.3	CLEAR
KCSE	F(50,10)	40 dBu =	89 km,	K214AUF(50,50)	60 dBu =	8 KM	+23 km	
K214AU	F(50,10)	40 dBu =	26 km,	KCSE F(50,50)	60 dBu =	31 KM	+62 km	
K214AU	SHARON SPRINGS, KS	214 D	90.7	.092	38-54-00	2.6	44	
LIC	Fac. No. 33373	BLFT-19980316TD	86		101-44-30	13.8	-41.4	SHORT
K214AU	F(50,10)	40 dBu =	25 km,	K214AUF(50,50)	60 dBu =	8 KM	-30 km	
K214AU	F(50,10)	40 dBu =	26 km,	K214AUF(50,50)	60 dBu =	7 KM	-31 km	