

Gray Frierson Haertig & Assoc.
Portland, Oregon

CHANNEL PRECLUSION STUDY

University Of Utah

Salt Lake City, Utah

REFERENCE
39 19 20. N.
111 46 12. W.

Class= D , Pwr=0.033 kW DA, HAAT= 669.8 M, COR= 2582 M
Average Protected F(50-50)= 20.76 km
Standard Directional

DISPLAY DATES
DATA 04-16-11
SEARCH 04-21-11

CH CITY	CALL	TYPE ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
--- Channel 201 88.1 MHz. ---										
202D	K202BG	LIC DVN	289.4	0.3	39 19 23.0	0.033	35.0	22.5	-49.9*<	-46.6*<
Manti, Etc.		UT	109.4	BLFT19900730TE	111 46 23.0	683	2587	University Of Utah		
TRANSLATOR FOR KUER, SALT LAKE CITY, UT										
201D	K201BY	LIC DHN	274.3	49.4	39 21 15.0	0.043	2.9	1.6	31.2	-9.2<
Delta, Etc.		UT	94.0	BLFT19910401TB	112 20 30.0	597	2009	University Of Utah		
Translator for KUER, Salt Lake City, UT										
O6NT	K06DH	LI _HN	246.9	35.0	39 11 54.0	0.027	18.1	4.5	22.6R	12.4M
Sci pio, holden		UT	66.6	BLTTV3011	112 08 33.0	379	2004	Millard County		
O6NT	K06DR	LI DHN	69.2	66.1	39 31 49.0	0.028	26.5	7.2	33.6R	32.5M
Spring Glen, Etc.		UT	249.7	BLTTV1397	111 03 03.0	978	2926	Carbon County		
O6NT	K06BQ	LI DHN	198.2	80.4	38 38 04.0	0.052	20.6	21.0	41.6R	38.7M
Richfield, Etc.		UT	18.0	BLTTV19961217JA	112 03 33.0	1015	2686	Sevier County		
O6NT	K06FL	LI _HN	177.0	88.3	38 31 40.0	0.018	22.3	3.3	25.5R	62.8M
Fish Lake Resort		UT	357.1	BLTTV4131	111 43 02.0	553	2944	Sevier County		
O6NT	K06IG	LI DHN	182.4	93.9	38 28 36.0	0.001	21.8	1.9	23.7R	70.2M
Koosharem		UT	2.4	BLTTV4279	111 48 54.0	500	2644	Sevier County		
O6NT	K06BS	LI DHN	177.1	103.1	38 23 42.0	0.008	22.2	1.3	23.6R	79.5M
Loa, Etc.		UT	357.2	BLTTV3916	111 42 39.0	308	2464	Wayne County		
--- Channel 202 88.3 MHz. ---										
202D	K202BG	LIC DVN	289.4	0.3	39 19 23.0	0.033	73.6	22.5	-88.6*<	-78.2*<
Manti, Etc.		UT	109.4	BLFT19900730TE	111 46 23.0	683	2587	University Of Utah		
TRANSLATOR FOR KUER, SALT LAKE CITY, UT										
205C3	KAGJ	CP _CX	159.1	0.1	39 19 18.0	0.380	1.4	27.7	-21.8*<	-27.9*<
Ephraim		UT	339.1	BPED20110126ABK	111 46 11.0	708	2602	Snow College		
202D	K202AD	LIC DVN	100.9	54.8	39 13 40.0	0.019	10.1	3.1	22.0	-22.7<
Orangeville, Etc.		UT	281.3	BLFT19821102IJ	111 08 46.0	405	2573	University Of Utah		
TRANSLATOR FOR KUER-FM, SALT LAKE CITY, UT.										
O6NT	K06DH	LI _HN	246.9	35.0	39 11 54.0	0.027	15.4	4.5	19.9R	15.1M
Sci pio, holden		UT	66.6	BLTTV3011	112 08 33.0	379	2004	Millard County		
O6NT	K06DR	LI DHN	69.2	66.1	39 31 49.0	0.028	23.3	7.2	30.5R	35.6M
Spring Glen, Etc.		UT	249.7	BLTTV1397	111 03 03.0	978	2926	Carbon County		
O6NT	K06BQ	LI DHN	198.2	80.4	38 38 04.0	0.052	17.9	21.0	38.9R	41.5M
Richfield, Etc.		UT	18.0	BLTTV19961217JA	112 03 33.0	1015	2686	Sevier County		
O6NT	K06FL	LI _HN	177.0	88.3	38 31 40.0	0.018	19.5	3.3	22.7R	65.6M
Fish Lake Resort		UT	357.1	BLTTV4131	111 43 02.0	553	2944	Sevier County		
O6NT	K06IG	LI DHN	182.4	93.9	38 28 36.0	0.001	19.1	1.9	20.9R	73.0M
Koosharem		UT	2.4	BLTTV4279	111 48 54.0	500	2644	Sevier County		
O6NT	K06BS	LI DHN	177.1	103.1	38 23 42.0	0.008	19.4	1.3	20.8R	82.3M
Loa, Etc.		UT	357.2	BLTTV3916	111 42 39.0	308	2464	Wayne County		
--- Channel 203 88.5 MHz. ---										
202D	K202BG	LIC DVN	289.4	0.3	39 19 23.0	0.033	35.0	22.5	-49.9*<	-46.6*<
Manti, Etc.		UT	109.4	BLFT19900730TE	111 46 23.0	683	2587	University Of Utah		
TRANSLATOR FOR KUER, SALT LAKE CITY, UT										
203C2	KUXU	LIC _CX	205.2	114.9	38 23 08.0	0.600	131.6	56.3	-34.1*<	-2.4<
Monroe		UT	24.9	BLED20101108AEG	112 19 57.0	973	3577	University Of Utah		
205C3	KAGJ	CP _CX	159.1	0.1	39 19 18.0	0.380	1.4	27.7	-21.8*<	-27.9*<
Ephraim		UT	339.1	BPED20110126ABK	111 46 11.0	708	2602	Snow College		
O6NT	K06DH	LI _HN	246.9	35.0	39 11 54.0	0.027	12.4	4.5	16.9R	18.1M
Sci pio, holden		UT	66.6	BLTTV3011	112 08 33.0	379	2004	Millard County		
O6NT	K06DR	LI DHN	69.2	66.1	39 31 49.0	0.028	20.2	7.2	27.4R	38.7M
Spring Glen, Etc.		UT	249.7	BLTTV1397	111 03 03.0	978	2926	Carbon County		
O6NT	K06BQ	LI DHN	198.2	80.4	38 38 04.0	0.052	15.1	21.0	36.1R	44.3M
Richfield, Etc.		UT	18.0	BLTTV19961217JA	112 03 33.0	1015	2686	Sevier County		

CH CITY	CALL	TYPE STATE	ANT STATE	AZI <--	DI ST FI LE #	LAT LNG	PWR(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LI CENSEE	Page # 2 *IN* (Overl ap i n km)		*OUT*
06NT	K06FL	LI	_HN	177.0	88.3	38 31 40.0	0.018	16.6	3.3	19.9R		68.4M
Fish Lake Resort		UT		357.1	BLTTV4131	111 43 02.0	553	2944	Sevier County			
06NT	K06IG	LI	DHN	182.4	93.9	38 28 36.0	0.001	16.3	1.9	18.1R		75.8M
Koosharem		UT		2.4	BLTTV4279	111 48 54.0	500	2644	Sevier County			
06NT	K06BS	LI	DHN	177.1	103.1	38 23 42.0	0.008	16.6	1.3	17.9R		85.1M
Loa, Etc.		UT		357.2	BLTTV3916	111 42 39.0	308	2464	Wayne County			
--- Channel 204 88.7 MHz. ---												
205C3 KAGJ		CP	_CX	159.1	0.1	39 19 18.0	0.380	42.2	27.7	-62.6*<		-59.2*<
Ephraim		UT		339.1	BPED20110126ABK	111 46 11.0	708	2602	Snow College			
202D K202BG		LIC	DVN	289.4	0.3	39 19 23.0	0.033	0.4	22.5	-15.3*<		-22.5*<
Manti, Etc.		UT		109.4	BLFT19900730TE	111 46 23.0	683	2587	University Of Utah			
TRANSLATOR FOR KUER, SALT LAKE CITY, UT												
06NT	K06DH	LI	_HN	246.9	35.0	39 11 54.0	0.027	10.0	4.5	14.4R		20.5M
Scipio, holden		UT		66.6	BLTTV3011	112 08 33.0	379	2004	Millard County			
06NT	K06DR	LI	DHN	69.2	66.1	39 31 49.0	0.028	16.8	7.2	23.9R		42.2M
Spring Glen, Etc.		UT		249.7	BLTTV1397	111 03 03.0	978	2926	Carbon County			
06NT	K06BQ	LI	DHN	198.2	80.4	38 38 04.0	0.052	11.9	21.0	32.9R		47.5M
Richfield, Etc.		UT		18.0	BLTTV19961217JA	112 03 33.0	1015	2686	Sevier County			
06NT	K06FL	LI	_HN	177.0	88.3	38 31 40.0	0.018	13.2	3.3	16.4R		71.9M
Fish Lake Resort		UT		357.1	BLTTV4131	111 43 02.0	553	2944	Sevier County			
06NT	K06IG	LI	DHN	182.4	93.9	38 28 36.0	0.001	12.9	1.9	14.7R		79.2M
Koosharem		UT		2.4	BLTTV4279	111 48 54.0	500	2644	Sevier County			
06NT	K06BS	LI	DHN	177.1	103.1	38 23 42.0	0.008	13.2	1.3	14.5R		88.6M
Loa, Etc.		UT		357.2	BLTTV3916	111 42 39.0	308	2464	Wayne County			
--- Channel 205 88.9 MHz. ---												
205C3 KAGJ		CP	_CX	159.1	0.1	39 19 18.0	0.380	80.2	27.7	-100.6*<		-95.7*<
Ephraim		UT		339.1	BPED20110126ABK	111 46 11.0	708	2602	Snow College			
202D K202BG		LIC	DVN	289.4	0.3	39 19 23.0	0.033	0.4	22.5	-15.3*<		-22.5*<
Manti, Etc.		UT		109.4	BLFT19900730TE	111 46 23.0	683	2587	University Of Utah			
TRANSLATOR FOR KUER, SALT LAKE CITY, UT												
208A KAGJ		LIC	_CN	75.3	16.8	39 21 37.0	0.100	0.7	5.6	-6.9*<		10.7
Ephraim		UT		255.4	BLED19940509KB	111 34 54.0	-354	1722	Snow College			
06NT	K06DH	LI	_HN	246.9	35.0	39 11 54.0	0.027	7.9	4.5	12.4R		22.6M
Scipio, holden		UT		66.6	BLTTV3011	112 08 33.0	379	2004	Millard County			
06NT	K06DR	LI	DHN	69.2	66.1	39 31 49.0	0.028	12.9	7.2	20.1R		46.0M
Spring Glen, Etc.		UT		249.7	BLTTV1397	111 03 03.0	978	2926	Carbon County			
06NT	K06BQ	LI	DHN	198.2	80.4	38 38 04.0	0.052	9.5	21.0	30.5R		49.8M
Richfield, Etc.		UT		18.0	BLTTV19961217JA	112 03 33.0	1015	2686	Sevier County			
06NT	K06FL	LI	_HN	177.0	88.3	38 31 40.0	0.018	10.7	3.3	13.9R		74.4M
Fish Lake Resort		UT		357.1	BLTTV4131	111 43 02.0	553	2944	Sevier County			
06NT	K06IG	LI	DHN	182.4	93.9	38 28 36.0	0.001	10.4	1.9	12.3R		81.7M
Koosharem		UT		2.4	BLTTV4279	111 48 54.0	500	2644	Sevier County			
06NT	K06BS	LI	DHN	177.1	103.1	38 23 42.0	0.008	10.7	1.3	12.0R		91.1M
Loa, Etc.		UT		357.2	BLTTV3916	111 42 39.0	308	2464	Wayne County			

Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin KM
Contour distances are on direct line to and from reference station. Reference Zone = 2
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
***affixed to 'IN' or 'OUT' values = site inside protected contour.