

## **Interference and Overlap Requirements**

The instant application complies with the interference and overlap requirements of Section 74.1204. See the attached Channel Study for more information.

KEGA FM3 Salt Lake City  
Proposed Antenna Site

REFERENCE 40 48 27 N 111 53 26 W	CH# 268D - 101.5 MHz, Pwr= 0.56 kw, HAAT=0.0 M, COR= 1835 M Average Protected F(50-50)= 8.76 km Ave. F(50-10) 40 dBu= 29.5 54 dBu= 12.3 80 dBu= 2.8 100 dBu= 1.6	DISPLAY DATES DATA 08-19-04 SEARCH 08-21-04
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CH CITY	CALL	TYPE STATE		AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
268C Oakley	KEGA^	LIC UT	HX	84.3 264.3	75.84 BLH20030604ABC	40 52 16 110 59 43	100.000 625	3283 199.4	92.8 Simmons-slc, Ls, Llc	-129.59	-36.85*
268D Salt Lake City	KEGAF3^	LIC UT	DC	0.0 180.0	0.00 BLFTB20030702ABN	40 48 27 111 53 26	0.207 532	1835 85.4	28.7 Simmons-slc, Ls, Llc	-96.53*	-69.37*
270C Ogden	KPQP^	LIC UT	CN	238.0 58.0	30.96 BLH19830912AH	40 39 35 112 12 05	100.000 621	2091 14.0	92.6 3 Point Media - Ogden, Llc	-0.05	-62.02*
270C Ogden	KPQP.C^	CP UT	CX	237.9 57.9	30.98 BPH20011210AAL	40 39 34 112 12 05	100.000 792	2263 16.2	99.3 3 Point Media - Ogden, Llc	-2.33	-68.67*
266C Ogden	KBER^	LIC UT	CX	237.9 57.9	30.98 BMLH20021203ACC	40 39 34 112 12 05	100.000 792	2263 16.2	99.3 Citadel Broadcasting Compa	-2.33	-68.67*
268D Bountiful	KEGAF6^	LIC UT	DC	32.7 212.7	3.59 BLFTB20031103ABN	40 50 05 111 52 03	0.000 478	1828 0.0	0.0 Simmons-slc, Ls, Llc	0.62	-5.99
268D Park City	KEGA-7^	APP UT	DC	81.2 261.2	35.05 BNPFTB20040325AE	40 51 18 111 28 47	0.000 752	2855 0.0	0.0 Simmons-slc, Ls, Llc	29.34	16.19
268D Ogden	KEGAF1^	LIC UT	DV	345.4 165.4	41.14 BLFTB20030702ABM	41 09 57 112 00 52	0.000 52	1418 0.0	0.0 Simmons-slc, Ls, Llc	30.99	2.71
268D Provo	KEGAF5^	LIC UT	DC	160.9 340.9	56.97 BLFTB20030918ABA	40 19 22 111 40 12	0.000 -612	1557 0.0	0.0 Simmons-slc, Ls, Llc	24.54	-35.06
268D Provo	KEGAF5^	APP UT	DC	159.7 339.7	60.10 BPFTB20040730AYI	40 18 00 111 38 38	0.000 -523	1642 0.0	0.0 Simmons-slc, Ls, Llc	27.63	-31.97
268D Ogden	KEGAF1^	APP UT	DC	350.6 170.6	60.20 BPFTB20040730AYH	41 20 32 112 00 30	0.000 273	1596 0.0	0.0 Simmons-slc, Ls, Llc	49.70	20.89
215C Salt Lake City	KRCL	LIC UT	CN	238.0 58.0	30.96 BLED19791109AC	40 39 35 112 12 05	16.500 1333	2803 112.3	90.7 Listeners Community Radio	29.0R	2.0M
215C Salt Lake City	KRCL.C	CP UT	CX	237.9 57.9	30.98 BPED20011025ACD	40 39 34 112 12 05	25.000 1332	2803 118.1	95.3 Listeners Community Radio	29.0R	2.0M
265D Park City, Etc.	K265BX	LIC UT	HN	114.0 294.0	34.01 BLFT19841211TB	40 40 58 111 31 22	0.019 9	2273 0.3	3.7 Bonneville Holding Company	25.56	28.87
268D Nephi/mona	AP268	APP UT	DC	181.6 1.6	120.43 BNPFT20030313BLW	39 43 24 111 55 44	0.000 -1	1766 0.0	0.0 Air-free wireless, Inc.	92.18	36.00
267D wellsville	AP267	APP UT	DV	357.4 177.4	82.67 BNPFT20030828AZS	41 33 04 111 56 07	0.000 376	2185 0.0	0.0 Sun Valley Radio, Inc.	71.66	65.86
267D wellsville	AP267	APP UT	DV	357.4 177.4	82.67 BNPFT20030317KVW	41 33 04 111 56 07	0.000 376	2185 0.0	0.0 Sun Valley Radio, Inc.	71.66	65.86

ERP and HAAT are on direct line to and from reference station.  
 "\*"Affixed to 'IN' or 'Out' values = site inside protected contour.  
 ^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements