

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.

KPEB FM2 Salt Lake City
Proposed Antenna Site

REFERENCE 40 48 27 N 111 53 26 W	CH# 276D - 103.1 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*
276C Coalville	AL276	RSV UT	79.4 259.4	75.69 RM10764	40 55 46 111 00 26	100.000 8	2268 130.7	31.0	-60.55	26.51
276C Coalville	KPEB^	LIC HX UT	84.3 264.3	75.84 BLH20040324AFH	40 52 16 110 59 43	100.000 625	3283 199.4	92.8 Simmons-slc, LS, Llc	-129.59	-36.85*
276D Salt Lake City	KPEB-2^	APP DC UT	0.0 180.0	0.00 BNPFTB20040416AC	40 48 27 111 53 26	0.000 532	1835 0.0	0.0 George S. Flinn, Jr.	-11.14*	-40.63
276D Millcreek	K276DP	LIC CN UT	56.6 236.6	0.11 BLFT19970113TG	40 48 29 111 53 22	0.160 544	1844 82.8	27.4 First National B/cing Corp	-86.02*	-37.99*
278C Salt Lake City	KRSPFMA	LIC CX UT	237.9 57.9	30.98 BLH20021113AAM	40 39 34 112 12 05	100.000 792	2263 16.2	99.3 Bonneville Holding Company	-2.33	-68.67*
274C Midvale	KQMB^	LIC CX UT	237.9 57.9	30.98 BLH20021113AAL	40 39 34 112 12 05	100.000 792	2263 16.2	99.3 Bonneville Holding Company	-2.33	-68.67*
276D Bountiful	KPEB-5^	APP DC UT	32.7 212.7	3.59 BNPFTB20040422AB	40 50 05 111 52 03	0.000 478	1828 0.0	0.0 George S. Flinn, Jr.	0.62	-5.99
276D Park City	K276CE	LIC CN UT	113.9 293.9	34.00 BLFT19850520TC	40 40 59 111 31 22	0.015 7	2268 11.2	3.5 Clear Channel Broadcasting	14.65	3.21
276D Park City	KPEB-3^	APP DC UT	81.2 261.2	35.05 BNPFTB20040416AC	40 51 18 111 28 47	0.000 752	2855 0.0	0.0 George S. Flinn, Jr.	29.34	16.19
276D Provo	KPEB-1^	APP DC UT	159.7 339.7	60.10 BNPFTB20040416AC	40 18 00 111 38 38	0.000 -524	1641 0.0	0.0 George S. Flinn, Jr.	27.63	-31.97
276D Ogden	KPEB-4^	APP DC UT	350.6 170.6	60.20 BNPFTB20040422AA	41 20 32 112 00 30	0.000 273	1596 0.0	0.0 George S. Flinn, Jr.	49.70	20.89
223C2 South Jordan	AL223<	RSV UT	238.0 58.0	30.96 RM10764	40 39 35 112 12 05	50.000 895	2365 116.4	94.7	15.0R	16.0M
223C2 South Jordan	KUUU.A<	APP CX UT	238.0 58.0	30.96 BPH20040406ABX	40 39 35 112 12 05	0.500 1309	2779 61.3	53.8 Millcreek Broadcasting, L.	15.0R	16.0M
223C3 Coalville	KCUA<	LIC ZEX UT	61.6 241.6	44.33 BLED20020826AAT	40 59 45 111 25 36	13.864 213	2084 52.8	46.8 3 Point Media - Coalville,	12.0R	32.3M
223D Ogden	K223AK	LIC DCN UT	351.9 171.9	46.35 BLFT19981116TA	41 13 14 111 58 09	0.041 -46	1373 4.5	4.5 Utah St.u/ Of Agri. & Appl	3.2R	43.1M
275D Wellsville	AP275	APP DV UT	357.4 177.4	82.67 BNPFT20030828AZM	41 33 04 111 56 07	0.000 376	2185 0.0	0.0 Sun Valley Radio, Inc.	71.66	65.86
275D Wellsville	AP275	APP DV UT	357.4 177.4	82.67 BNPFT20030317KWQ	41 33 04 111 56 07	0.000 376	2185 0.0	0.0 Sun Valley Radio, Inc.	71.66	65.86
222A Payson	KTCE	LIC CN UT	176.4 356.4	83.66 BLH19931126KE	40 03 20 111 49 43	0.058 628	2121 24.4	23.2 Moenkopi Communications, I	10.0R	73.7M

ERP and HAAT are on direct line to and from reference station.
 "*"Affixed to 'IN' or 'Out' values = site inside protected contour.
 "<" = Station meets FCC minimum distance spacing for its class.
 ^ = Power and antenna height 'Max classed' as per Sec 73.215 protection requirements