

for license period 01 February 2006 to 03:00 EST, 01 February, 2011

Station locations

Melbourne (BREVARD), FL: NL 28-05-12; WL 80-38-28

(based upon GPS coordinates at Fixed station tower base taken 3 January 2006)

Note 1: Transmitter power output is 125W average (20.969 dBW)

Note 2: Fixed station operation only; Log-periodic dipole array at 82 feet.

Note 3: Between 2878 and 6000 kHz, ERP is estimated based on extrapolated data for antenna gain but the ERP is not greater than level shown. ERP between 6000 kHz and 30000 kHz is exact.

The following table is the ARINC HFDL System table.

Frequency kHz	Fixed	Emission		Freq Tol, +/- pct	Tx Output, dBW	Cable Loss, dB	Antenna Gain, dBi	ERP	
								dBW	watts
2878	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1895	7.4417	28.2212	664
2905	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1898	7.4462	28.2255	665
2944	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1902	7.4528	28.2317	666
2947	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1902	7.4533	28.2322	666
2983	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1905	7.4593	28.2379	666
2986	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1906	7.4598	28.2384	667
2992	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1906	7.4608	28.2393	667
2998	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1907	7.4618	28.2403	667
3001	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1907	7.4624	28.2408	667
3007	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1907	7.4634	28.2417	667
3016	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1908	7.4649	28.2431	667
3019	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1909	7.4654	28.2436	667
3116	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1918	7.4817	28.2590	670
3404	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1945	7.5301	28.3047	677
3428	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1947	7.5341	28.3085	677
3434	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1948	7.5351	28.3094	678
3455	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1950	7.5387	28.3128	678
3467	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1951	7.5407	28.3147	678
3470	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1951	7.5412	28.3152	678
3497	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1954	7.5457	28.3194	679
3900	X	2K80J2D	100HA1A	0.0002	20.9691	-0.1992	7.6134	28.3834	689
4654	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2063	7.7402	28.5030	708
4660	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2064	7.7412	28.5039	709
4672	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2065	7.7432	28.5058	709

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								dBW	watts
4681	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2066	7.7447	28.5072	709
4687	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2066	7.7457	28.5082	709
5463	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2140	7.8761	28.6313	730
5508	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2144	7.8837	28.6384	731
5523	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2145	7.8862	28.6408	731
5529	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2146	7.8872	28.6417	731
5538	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2147	7.8887	28.6432	732
5544	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2147	7.8897	28.6441	732
5547	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2148	7.8903	28.6446	732
5583	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2151	7.8963	28.6503	733
5589	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2151	7.8973	28.6513	733
5655	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2158	7.9084	28.6617	735
5720	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2164	7.9193	28.6720	737
6529	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2240	8.0553	28.8004	759
6532	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2241	8.0558	28.8008	759
6535	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2241	8.0563	28.8013	759
6559	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2243	8.0603	28.8051	759
6628	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2250	8.0719	28.8161	761
6634	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2250	8.0729	28.8170	762
6646	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2251	8.0750	28.8189	762
6650	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2252	8.0756	28.8196	762
6652	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2252	8.0760	28.8199	762
6661	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2253	8.0775	28.8213	762
6712	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2258	8.0860	28.8294	764
8825	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2457	8.4412	29.1645	825
8834	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2458	8.4427	29.1660	825
8843	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2459	8.4442	29.1674	826
8885	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2463	8.4513	29.1741	827
8912	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2466	8.4558	29.1783	828
8921	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2466	8.4573	29.1798	828
8927	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2467	8.4583	29.1807	828
8936	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2468	8.4598	29.1822	828
8942	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2468	8.4608	29.1831	829
8948	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2469	8.4618	29.1841	829
8957	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2470	8.4634	29.1855	829

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								dBW	watts
8977	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2472	8.4667	29.1887	830
10027	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2571	8.6432	29.3552	862
10066	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2575	8.6497	29.3614	863
10075	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2575	8.6513	29.3628	864
10081	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2576	8.6523	29.3638	864
10084	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2576	8.6528	29.3642	864
10087	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2577	8.6533	29.3647	864
10093	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2577	8.6543	29.3657	864
11184	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2680	8.8376	29.5387	899
11288	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2690	8.8551	29.5552	903
11306	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2692	8.8581	29.5581	903
11312	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2692	8.8592	29.5590	903
11315	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2693	8.8597	29.5595	904
11318	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2693	8.8602	29.5600	904
11327	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2694	8.8617	29.5614	904
11348	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2696	8.8652	29.5647	905
11354	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2696	8.8662	29.5657	905
11384	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2699	8.8713	29.5704	906
13270	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2877	9.1882	29.8696	970
13276	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2878	9.1892	29.8705	971
13303	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2880	9.1938	29.8748	972
13312	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2881	9.1953	29.8763	972
13315	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2882	9.1958	29.8767	972
13321	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2882	9.1968	29.8777	972
13339	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2884	9.1998	29.8805	973
13351	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2885	9.2018	29.8824	973
13354	X	2K80J2D	100HA1A	0.0002	20.9691	-0.2885	9.2023	29.8829	973
15025	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3043	9.4832	30.1480	1035
17916	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3316	9.9691	30.6065	1150
17919	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3317	9.9696	30.6070	1150
17928	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3318	9.9711	30.6084	1150
17934	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3318	9.9721	30.6094	1151
17967	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3321	9.9776	30.6146	1152
17985	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3323	9.9807	30.6175	1153
21928	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3696	10.6434	31.2429	1331

Frequency kHz	Fixed	Emission		Freq Tol, +/- pct	Tx Output, dBW	Cable Loss, dB	Antenna Gain, dBi	ERP	
								dBW	watts
21931	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3696	10.6439	31.2434	1331
21934	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3696	10.6444	31.2439	1332
21937	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3696	10.6449	31.2443	1332
21946	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3697	10.6464	31.2458	1332
21949	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3698	10.6469	31.2462	1332
21955	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3698	10.6479	31.2472	1333
21973	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3700	10.6509	31.2500	1334
21982	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3701	10.6524	31.2515	1334
21988	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3701	10.6534	31.2524	1334
21997	X	2K80J2D	100HA1A	0.0002	20.9691	-0.3702	10.6550	31.2538	1335