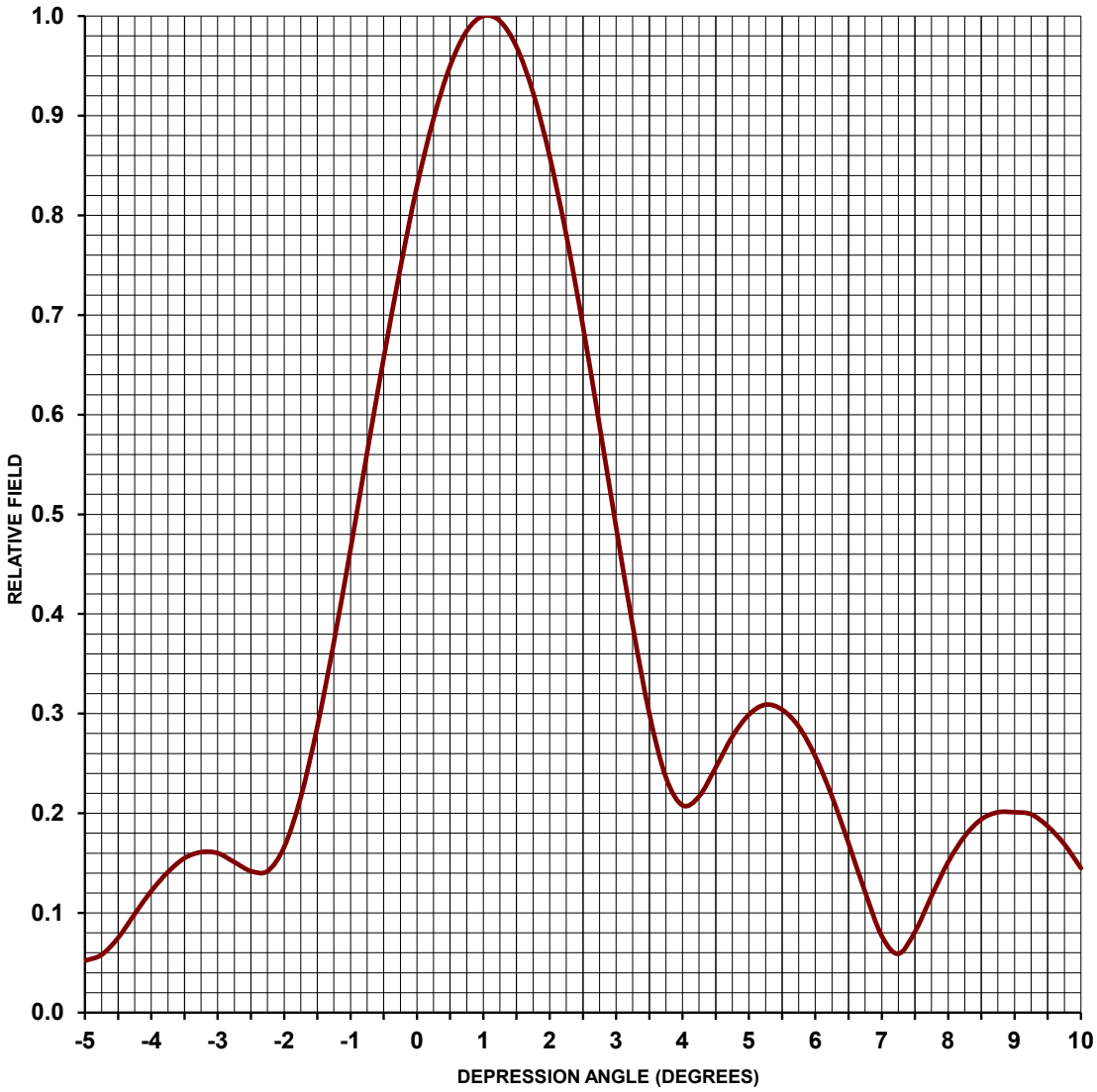
ELEVATION PATTERN

TYPE:	**ATC-BCSE20C2S-U**	
Directivity:	**Numeric**	**dBd**
Main Lobe:	**20.10**	**13.0**
Beam Tilt:	**1.00**	
Polarization:	**Elliptical**	
Channel:	**31**	
Location:	**Pocatello**	



ELEVATION PATTERN TABULATION

ATC-BCSE20C2S-U **-5 to 10 in 0.25 increments** **10 to 90 in 0.50 increments**

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
-5.00	0.052	-25.68	6.75	0.121	-18.34	27.00	0.010	-40.00	50.50	0.019	-34.42	74.00	0.011	-39.17
-4.75	0.058	-24.73	7.00	0.077	-22.27	27.50	0.015	-36.48	51.00	0.022	-33.15	74.50	0.010	-40.00
-4.50	0.075	-22.50	7.25	0.059	-24.58	28.00	0.017	-35.39	51.50	0.026	-31.70	75.00	0.008	-41.94
-4.25	0.099	-20.09	7.50	0.081	-21.83	28.50	0.017	-35.39	52.00	0.029	-30.75	75.50	0.008	-41.94
-4.00	0.122	-18.27	7.75	0.117	-18.64	29.00	0.013	-37.72	52.50	0.031	-30.17	76.00	0.007	-43.10
-3.75	0.141	-17.02	8.00	0.151	-16.42	29.50	0.009	-40.92	53.00	0.029	-30.75	76.50	0.007	-43.10
-3.50	0.155	-16.19	8.25	0.177	-15.04	30.00	0.008	-41.94	53.50	0.026	-31.70	77.00	0.008	-41.94
-3.25	0.161	-15.86	8.50	0.194	-14.24	30.50	0.009	-40.92	54.00	0.020	-33.98	77.50	0.008	-41.94
-3.00	0.160	-15.92	8.75	0.201	-13.94	31.00	0.008	-41.94	54.50	0.013	-37.72	78.00	0.009	-40.92
-2.75	0.151	-16.42	9.00	0.201	-13.94	31.50	0.009	-40.92	55.00	0.008	-41.94	78.50	0.010	-40.00
-2.50	0.142	-16.95	9.25	0.199	-14.02	32.00	0.019	-34.42	55.50	0.010	-40.00	79.00	0.011	-39.17
-2.25	0.142	-16.95	9.50	0.187	-14.56	32.50	0.034	-29.37	56.00	0.016	-35.92	79.50	0.012	-38.42
-2.00	0.166	-15.60	9.75	0.169	-15.44	33.00	0.051	-25.85	56.50	0.023	-32.77	80.00	0.013	-37.72
-1.75	0.216	-13.31	10.00	0.145	-16.77	33.50	0.067	-23.48	57.00	0.028	-31.06	80.50	0.014	-37.08
-1.50	0.287	-10.84	10.50	0.087	-21.21	34.00	0.080	-21.94	57.50	0.031	-30.17	81.00	0.015	-36.48
-1.25	0.372	-8.59	11.00	0.050	-26.02	34.50	0.086	-21.31	58.00	0.032	-29.90	81.50	0.015	-36.48
-1.00	0.465	-6.65	11.50	0.072	-22.85	35.00	0.084	-21.51	58.50	0.032	-29.90	82.00	0.016	-35.92
-0.75	0.562	-5.01	12.00	0.099	-20.09	35.50	0.076	-22.38	59.00	0.029	-30.75	82.50	0.016	-35.92
-0.50	0.657	-3.65	12.50	0.106	-19.49	36.00	0.061	-24.29	59.50	0.026	-31.70	83.00	0.016	-35.92
-0.25	0.747	-2.53	13.00	0.093	-20.63	36.50	0.045	-26.94	60.00	0.021	-33.56	83.50	0.016	-35.92
0.00	0.829	-1.63	13.50	0.068	-23.35	37.00	0.034	-29.37	60.50	0.015	-36.48	84.00	0.016	-35.92
0.25	0.897	-0.94	14.00	0.050	-26.02	37.50	0.037	-28.64	61.00	0.009	-40.92	84.50	0.016	-35.92
0.50	0.950	-0.45	14.50	0.057	-24.88	38.00	0.049	-26.20	61.50	0.003	-50.46	85.00	0.016	-35.92
0.75	0.985	-0.13	15.00	0.071	-22.97	38.50	0.058	-24.73	62.00	0.002	-53.98	85.50	0.016	-35.92
1.00	1.000	0.00	15.50	0.075	-22.50	39.00	0.061	-24.29	62.50	0.007	-43.10	86.00	0.016	-35.92
1.25	0.995	-0.04	16.00	0.064	-23.88	39.50	0.058	-24.73	63.00	0.011	-39.17	86.50	0.016	-35.92
1.50	0.969	-0.27	16.50	0.041	-27.74	40.00	0.047	-26.56	63.50	0.013	-37.72	87.00	0.016	-35.92
1.75	0.923	-0.70	17.00	0.018	-34.89	40.50	0.032	-29.90	64.00	0.015	-36.48	87.50	0.016	-35.92
2.00	0.859	-1.32	17.50	0.030	-30.46	41.00	0.017	-35.39	64.50	0.016	-35.92	88.00	0.015	-36.48
2.25	0.780	-2.16	18.00	0.054	-25.35	41.50	0.018	-34.89	65.00	0.016	-35.92	88.50	0.015	-36.48
2.50	0.689	-3.24	18.50	0.067	-23.48	42.00	0.033	-29.63	65.50	0.014	-37.08	89.00	0.015	-36.48
2.75	0.589	-4.60	19.00	0.068	-23.35	42.50	0.046	-26.74	66.00	0.013	-37.72	89.50	0.015	-36.48
3.00	0.487	-6.25	19.50	0.058	-24.73	43.00	0.055	-25.19	66.50	0.011	-39.17	90.00	0.015	-36.48
3.25	0.388	-8.22	20.00	0.038	-28.40	43.50	0.057	-24.88	67.00	0.009	-40.92			
3.50	0.300	-10.46	20.50	0.016	-35.92	44.00	0.054	-25.35	67.50	0.007	-43.10			
3.75	0.236	-12.54	21.00	0.006	-44.44	44.50	0.046	-26.74	68.00	0.006	-44.44			
4.00	0.208	-13.64	21.50	0.021	-33.56	45.00	0.034	-29.37	68.50	0.007	-43.10			
4.25	0.217	-13.27	22.00	0.029	-30.75	45.50	0.022	-33.15	69.00	0.009	-40.92			
4.50	0.246	-12.18	22.50	0.028	-31.06	46.00	0.016	-35.92	69.50	0.010	-40.00			
4.75	0.277	-11.15	23.00	0.022	-33.15	46.50	0.021	-33.56	70.00	0.012	-38.42			
5.00	0.299	-10.49	23.50	0.013	-37.72	47.00	0.029	-30.75	70.50	0.013	-37.72			
5.25	0.309	-10.20	24.00	0.012	-38.42	47.50	0.035	-29.12	71.00	0.014	-37.08			
5.50	0.304	-10.34	24.50	0.018	-34.89	48.00	0.037	-28.64	71.50	0.014	-37.08			
5.75	0.287	-10.84	25.00	0.022	-33.15	48.50	0.036	-28.87	72.00	0.014	-37.08			
6.00	0.257	-11.80	25.50	0.021	-33.56	49.00	0.032	-29.90	72.50	0.014	-37.08			
6.25	0.217	-13.27	26.00	0.016	-35.92	49.50	0.026	-31.70	73.00	0.013	-37.72			
6.50	0.170	-15.39	26.50	0.010	-40.00	50.00	0.021	-33.56	73.50	0.012	-38.42			