



## ELEVATION TABULATED DATA

Type: 93.7 MHz Elevation Pattern Tab Data

Polarization: Circular

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
90.00	0.009	-40.52	67.00	0.084	-21.49	44.00	0.190	-14.42	21.00	0.388	-8.21
89.50	0.010	-40.01	66.50	0.087	-21.17	43.50	0.188	-14.52	20.50	0.410	-7.75
89.00	0.011	-39.50	66.00	0.091	-20.86	43.00	0.186	-14.63	20.00	0.431	-7.31
88.50	0.011	-39.02	65.50	0.094	-20.56	42.50	0.183	-14.76	19.50	0.452	-6.89
88.00	0.012	-38.54	65.00	0.097	-20.26	42.00	0.180	-14.92	19.00	0.474	-6.49
87.50	0.012	-38.07	64.50	0.100	-19.96	41.50	0.176	-15.09	18.50	0.495	-6.11
87.00	0.013	-37.60	64.00	0.104	-19.67	41.00	0.172	-15.29	18.00	0.517	-5.74
86.50	0.014	-37.15	63.50	0.107	-19.39	40.50	0.168	-15.52	17.50	0.538	-5.39
86.00	0.015	-36.69	63.00	0.111	-19.12	40.00	0.163	-15.77	17.00	0.559	-5.05
85.50	0.015	-36.24	62.50	0.114	-18.85	39.50	0.157	-16.06	16.50	0.580	-4.73
85.00	0.016	-35.80	62.00	0.118	-18.58	39.00	0.152	-16.38	16.00	0.601	-4.42
84.50	0.017	-35.35	61.50	0.121	-18.33	38.50	0.145	-16.74	15.50	0.622	-4.12
84.00	0.018	-34.91	61.00	0.125	-18.08	38.00	0.139	-17.15	15.00	0.643	-3.84
83.50	0.019	-34.47	60.50	0.128	-17.83	37.50	0.132	-17.60	14.50	0.663	-3.57
83.00	0.020	-34.03	60.00	0.132	-17.60	37.00	0.124	-18.10	14.00	0.683	-3.31
82.50	0.021	-33.59	59.50	0.135	-17.36	36.50	0.117	-18.67	13.50	0.702	-3.07
82.00	0.022	-33.16	59.00	0.139	-17.14	36.00	0.108	-19.31	13.00	0.722	-2.83
81.50	0.023	-32.72	58.50	0.142	-16.92	35.50	0.100	-20.03	12.50	0.741	-2.61
81.00	0.024	-32.29	58.00	0.146	-16.72	35.00	0.091	-20.84	12.00	0.759	-2.39
80.50	0.026	-31.86	57.50	0.149	-16.51	34.50	0.082	-21.76	11.50	0.777	-2.19
80.00	0.027	-31.43	57.00	0.153	-16.32	34.00	0.073	-22.79	11.00	0.795	-2.00
79.50	0.028	-31.00	56.50	0.156	-16.13	33.50	0.064	-23.94	10.50	0.811	-1.81
79.00	0.030	-30.58	56.00	0.159	-15.95	33.00	0.055	-25.16	10.00	0.828	-1.64
78.50	0.031	-30.15	55.50	0.163	-15.78	32.50	0.048	-26.35	9.50	0.844	-1.48
78.00	0.033	-29.73	55.00	0.166	-15.61	32.00	0.044	-27.22	9.00	0.859	-1.32
77.50	0.034	-29.32	54.50	0.169	-15.45	31.50	0.043	-27.41	8.50	0.873	-1.18
77.00	0.036	-28.90	54.00	0.172	-15.30	31.00	0.046	-26.73	8.00	0.887	-1.04
76.50	0.038	-28.49	53.50	0.175	-15.16	30.50	0.053	-25.44	7.50	0.900	-0.91
76.00	0.039	-28.08	53.00	0.177	-15.03	30.00	0.064	-23.92	7.00	0.913	-0.79
75.50	0.041	-27.68	52.50	0.180	-14.91	29.50	0.076	-22.39	6.50	0.924	-0.68
75.00	0.043	-27.28	52.00	0.182	-14.79	29.00	0.090	-20.95	6.00	0.935	-0.58
74.50	0.045	-26.88	51.50	0.184	-14.69	28.50	0.104	-19.62	5.50	0.946	-0.49
74.00	0.047	-26.49	51.00	0.186	-14.59	28.00	0.120	-18.41	5.00	0.955	-0.40
73.50	0.050	-26.10	50.50	0.188	-14.50	27.50	0.136	-17.30	4.50	0.963	-0.32
73.00	0.052	-25.72	50.00	0.190	-14.43	27.00	0.153	-16.28	4.00	0.971	-0.26
72.50	0.054	-25.34	49.50	0.191	-14.36	26.50	0.171	-15.34	3.50	0.978	-0.20
72.00	0.056	-24.96	49.00	0.193	-14.30	26.00	0.189	-14.47	3.00	0.984	-0.14
71.50	0.059	-24.59	48.50	0.194	-14.26	25.50	0.207	-13.66	2.50	0.989	-0.10
71.00	0.061	-24.23	48.00	0.194	-14.22	25.00	0.226	-12.91	2.00	0.993	-0.06
70.50	0.064	-23.87	47.50	0.195	-14.20	24.50	0.246	-12.20	1.50	0.996	-0.04
70.00	0.067	-23.51	47.00	0.195	-14.19	24.00	0.265	-11.53	1.00	0.998	-0.02
69.50	0.069	-23.16	46.50	0.195	-14.19	23.50	0.285	-10.90	0.50	1.000	0.00
69.00	0.072	-22.82	46.00	0.195	-14.21	23.00	0.305	-10.31	0.00	1.000	0.00
68.50	0.075	-22.48	45.50	0.194	-14.24	22.50	0.326	-9.74	-0.50	1.000	0.00
68.00	0.078	-22.14	45.00	0.193	-14.29	22.00	0.346	-9.21	-1.00	0.998	-0.02
67.50	0.081	-21.81	44.50	0.192	-14.35	21.50	0.367	-8.70	-1.50	0.996	-0.04



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AXIOM SHPX-4BC-SP-HW 93.7 MHz

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## ELEVATION TABULATED DATA

Type: 93.7 MHz Elevation Pattern Tab Data

Polarization: Circular

Angle	Field	dB	Angle	Field	dB	Angle	Field	dB	Angle	Field	dB
-2.00	0.993	-0.06	-25.00	0.226	-12.91	-48.00	0.194	-14.22	-71.00	0.061	-24.23
-2.50	0.989	-0.10	-25.50	0.207	-13.66	-48.50	0.194	-14.26	-71.50	0.059	-24.59
-3.00	0.984	-0.14	-26.00	0.189	-14.47	-49.00	0.193	-14.30	-72.00	0.056	-24.96
-3.50	0.978	-0.20	-26.50	0.171	-15.34	-49.50	0.191	-14.36	-72.50	0.054	-25.34
-4.00	0.971	-0.26	-27.00	0.153	-16.28	-50.00	0.190	-14.43	-73.00	0.052	-25.72
-4.50	0.963	-0.32	-27.50	0.136	-17.30	-50.50	0.188	-14.50	-73.50	0.050	-26.10
-5.00	0.955	-0.40	-28.00	0.120	-18.41	-51.00	0.186	-14.59	-74.00	0.047	-26.49
-5.50	0.946	-0.49	-28.50	0.104	-19.62	-51.50	0.184	-14.69	-74.50	0.045	-26.88
-6.00	0.935	-0.58	-29.00	0.090	-20.95	-52.00	0.182	-14.79	-75.00	0.043	-27.28
-6.50	0.924	-0.68	-29.50	0.076	-22.39	-52.50	0.180	-14.91	-75.50	0.041	-27.68
-7.00	0.913	-0.79	-30.00	0.064	-23.92	-53.00	0.177	-15.03	-76.00	0.039	-28.08
-7.50	0.900	-0.91	-30.50	0.053	-25.44	-53.50	0.175	-15.16	-76.50	0.038	-28.49
-8.00	0.887	-1.04	-31.00	0.046	-26.73	-54.00	0.172	-15.30	-77.00	0.036	-28.90
-8.50	0.873	-1.18	-31.50	0.043	-27.41	-54.50	0.169	-15.45	-77.50	0.034	-29.32
-9.00	0.859	-1.32	-32.00	0.044	-27.22	-55.00	0.166	-15.61	-78.00	0.033	-29.73
-9.50	0.844	-1.48	-32.50	0.048	-26.35	-55.50	0.163	-15.78	-78.50	0.031	-30.15
-10.00	0.828	-1.64	-33.00	0.055	-25.16	-56.00	0.159	-15.95	-79.00	0.030	-30.58
-10.50	0.811	-1.81	-33.50	0.064	-23.94	-56.50	0.156	-16.13	-79.50	0.028	-31.00
-11.00	0.795	-2.00	-34.00	0.073	-22.79	-57.00	0.153	-16.32	-80.00	0.027	-31.43
-11.50	0.777	-2.19	-34.50	0.082	-21.76	-57.50	0.149	-16.51	-80.50	0.026	-31.86
-12.00	0.759	-2.39	-35.00	0.091	-20.84	-58.00	0.146	-16.72	-81.00	0.024	-32.29
-12.50	0.741	-2.61	-35.50	0.100	-20.03	-58.50	0.142	-16.92	-81.50	0.023	-32.72
-13.00	0.722	-2.83	-36.00	0.108	-19.31	-59.00	0.139	-17.14	-82.00	0.022	-33.16
-13.50	0.702	-3.07	-36.50	0.117	-18.67	-59.50	0.135	-17.36	-82.50	0.021	-33.59
-14.00	0.683	-3.31	-37.00	0.124	-18.10	-60.00	0.132	-17.60	-83.00	0.020	-34.03
-14.50	0.663	-3.57	-37.50	0.132	-17.60	-60.50	0.128	-17.83	-83.50	0.019	-34.47
-15.00	0.643	-3.84	-38.00	0.139	-17.15	-61.00	0.125	-18.08	-84.00	0.018	-34.91
-15.50	0.622	-4.12	-38.50	0.145	-16.74	-61.50	0.121	-18.33	-84.50	0.017	-35.35
-16.00	0.601	-4.42	-39.00	0.152	-16.38	-62.00	0.118	-18.58	-85.00	0.016	-35.80
-16.50	0.580	-4.73	-39.50	0.157	-16.06	-62.50	0.114	-18.85	-85.50	0.015	-36.24
-17.00	0.559	-5.05	-40.00	0.163	-15.77	-63.00	0.111	-19.12	-86.00	0.015	-36.69
-17.50	0.538	-5.39	-40.50	0.168	-15.52	-63.50	0.107	-19.39	-86.50	0.014	-37.15
-18.00	0.517	-5.74	-41.00	0.172	-15.29	-64.00	0.104	-19.67	-87.00	0.013	-37.60
-18.50	0.495	-6.11	-41.50	0.176	-15.09	-64.50	0.100	-19.96	-87.50	0.012	-38.07
-19.00	0.474	-6.49	-42.00	0.180	-14.92	-65.00	0.097	-20.26	-88.00	0.012	-38.54
-19.50	0.452	-6.89	-42.50	0.183	-14.76	-65.50	0.094	-20.56	-88.50	0.011	-39.02
-20.00	0.431	-7.31	-43.00	0.186	-14.63	-66.00	0.091	-20.86	-89.00	0.011	-39.50
-20.50	0.410	-7.75	-43.50	0.188	-14.52	-66.50	0.087	-21.17	-89.50	0.010	-40.01
-21.00	0.388	-8.21	-44.00	0.190	-14.42	-67.00	0.084	-21.49	-90.00	0.009	-40.52
-21.50	0.367	-8.70	-44.50	0.192	-14.35	-67.50	0.081	-21.81			
-22.00	0.346	-9.21	-45.00	0.193	-14.29	-68.00	0.078	-22.14			
-22.50	0.326	-9.74	-45.50	0.194	-14.24	-68.50	0.075	-22.48			
-23.00	0.305	-10.31	-46.00	0.195	-14.21	-69.00	0.072	-22.82			
-23.50	0.285	-10.90	-46.50	0.195	-14.19	-69.50	0.069	-23.16			
-24.00	0.265	-11.53	-47.00	0.195	-14.19	-70.00	0.067	-23.51			
-24.50	0.246	-12.20	-47.50	0.195	-14.20	-70.50	0.064	-23.87			



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