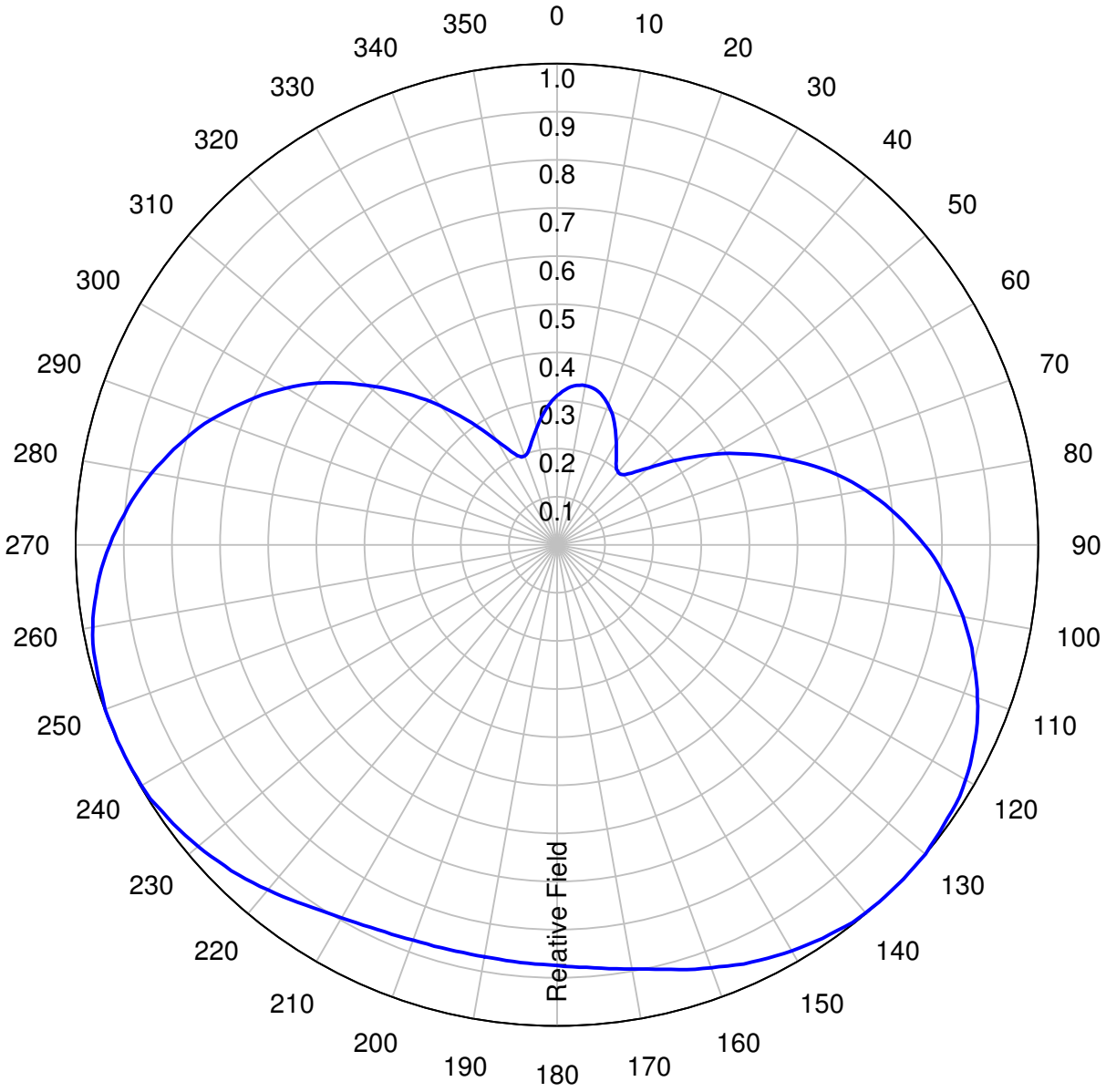
AZIMUTH PATTERN

Type:	**ATW-C2**		**Channel:**	**18**
	Numeric	**dBd**	**Location:**	
Directivity:	**1.80**	**2.55**	**Polarization:**	**Horizontal**
Peak(s) at:				

Note: Pattern shape and directivity may vary with channel and mouting configuration.



Preliminary, subject to final design and review.

TABULATED DATA FOR AZIMUTH PATTERN

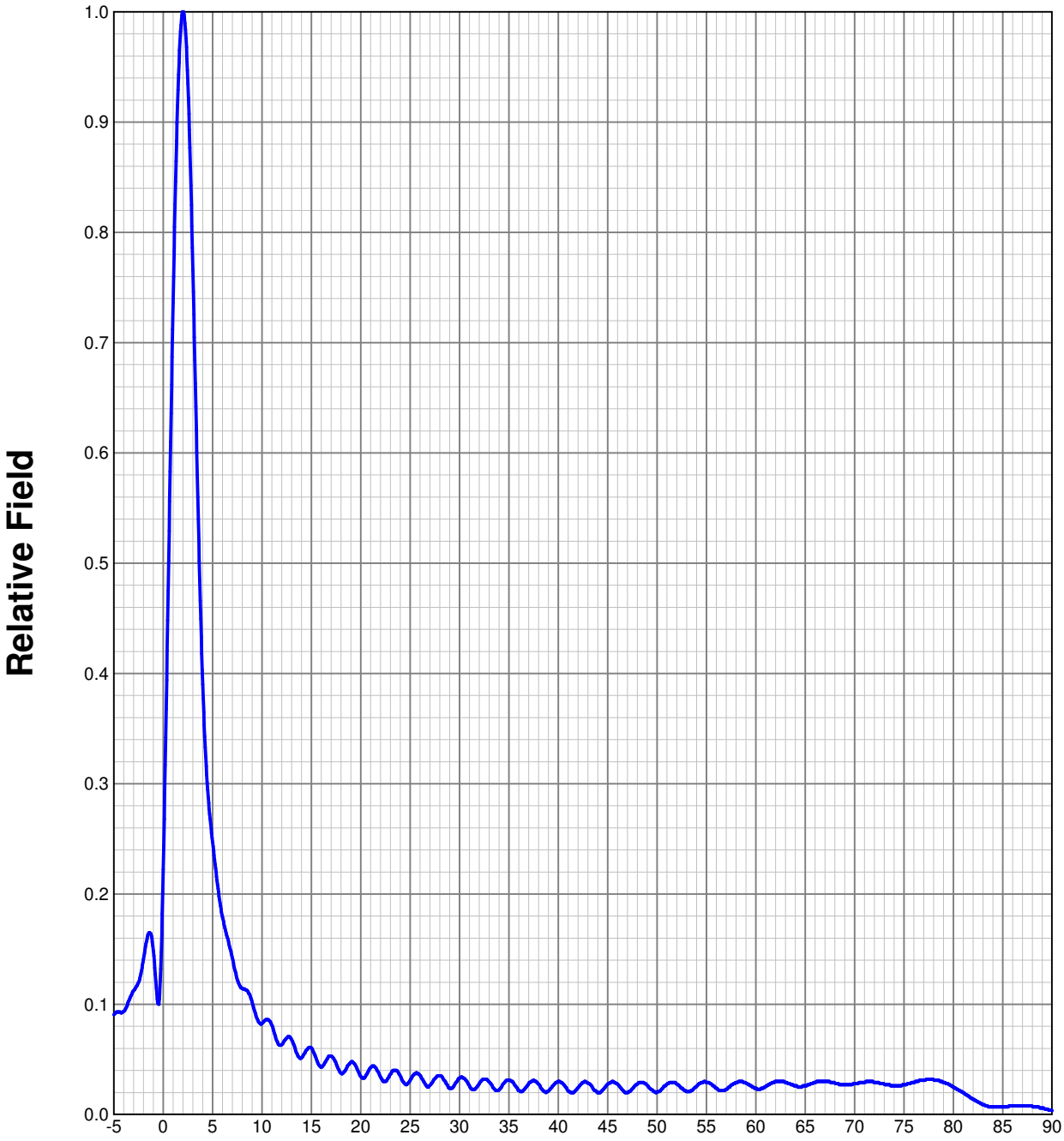
Type: ATW-C2
Polarization: Horizontal

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
0	0.310	-10.17	92	0.784	-2.11	184	0.871	-1.20	276	0.888	-1.03
2	0.319	-9.92	94	0.802	-1.92	186	0.870	-1.21	278	0.872	-1.19
4	0.327	-9.71	96	0.821	-1.71	188	0.869	-1.22	280	0.856	-1.35
6	0.332	-9.58	98	0.838	-1.54	190	0.869	-1.22	282	0.838	-1.54
8	0.335	-9.50	100	0.856	-1.35	192	0.869	-1.22	284	0.821	-1.71
10	0.336	-9.47	102	0.872	-1.19	194	0.870	-1.21	286	0.802	-1.92
12	0.335	-9.50	104	0.888	-1.03	196	0.871	-1.20	288	0.784	-2.11
14	0.332	-9.58	106	0.901	-0.91	198	0.872	-1.19	290	0.763	-2.35
16	0.327	-9.71	108	0.916	-0.76	200	0.874	-1.17	292	0.741	-2.60
18	0.319	-9.92	110	0.929	-0.64	202	0.877	-1.14	294	0.720	-2.85
20	0.310	-10.17	112	0.942	-0.52	204	0.880	-1.11	296	0.698	-3.12
22	0.300	-10.46	114	0.953	-0.42	206	0.884	-1.07	298	0.675	-3.41
24	0.288	-10.81	116	0.962	-0.34	208	0.889	-1.02	300	0.651	-3.73
26	0.274	-11.24	118	0.972	-0.25	210	0.895	-0.96	302	0.627	-4.05
28	0.260	-11.70	120	0.979	-0.18	212	0.901	-0.91	304	0.601	-4.42
30	0.246	-12.18	122	0.986	-0.12	214	0.909	-0.83	306	0.573	-4.84
32	0.232	-12.69	124	0.989	-0.10	216	0.918	-0.74	308	0.545	-5.27
34	0.220	-13.15	126	0.992	-0.07	218	0.927	-0.66	310	0.516	-5.75
36	0.208	-13.64	128	0.995	-0.04	220	0.935	-0.58	312	0.488	-6.23
38	0.200	-13.98	130	0.999	-0.01	222	0.944	-0.50	314	0.460	-6.74
40	0.197	-14.11	132	0.999	-0.01	224	0.953	-0.42	316	0.432	-7.29
42	0.197	-14.11	134	1.000	0.00	226	0.960	-0.35	318	0.405	-7.85
44	0.203	-13.85	136	0.999	-0.01	228	0.967	-0.29	320	0.377	-8.47
46	0.215	-13.35	138	0.999	-0.01	230	0.974	-0.23	322	0.349	-9.14
48	0.231	-12.73	140	0.998	-0.02	232	0.980	-0.18	324	0.322	-9.84
50	0.249	-12.08	142	0.996	-0.03	234	0.986	-0.12	326	0.297	-10.54
52	0.272	-11.31	144	0.990	-0.09	236	0.990	-0.09	328	0.272	-11.31
54	0.297	-10.54	146	0.986	-0.12	238	0.996	-0.03	330	0.249	-12.08
56	0.322	-9.84	148	0.980	-0.18	240	0.998	-0.02	332	0.231	-12.73
58	0.349	-9.14	150	0.974	-0.23	242	0.999	-0.01	334	0.215	-13.35
60	0.377	-8.47	152	0.967	-0.29	244	0.999	-0.01	336	0.203	-13.85
62	0.405	-7.85	154	0.960	-0.35	246	1.000	0.00	338	0.197	-14.11
64	0.432	-7.29	156	0.953	-0.42	248	0.999	-0.01	340	0.197	-14.11
66	0.460	-6.74	158	0.944	-0.50	250	0.999	-0.01	342	0.200	-13.98
68	0.488	-6.23	160	0.935	-0.58	252	0.995	-0.04	344	0.208	-13.64
70	0.516	-5.75	162	0.927	-0.66	254	0.992	-0.07	346	0.220	-13.15
72	0.545	-5.27	164	0.918	-0.74	256	0.989	-0.10	348	0.232	-12.69
74	0.573	-4.84	166	0.909	-0.83	258	0.986	-0.12	350	0.246	-12.18
76	0.601	-4.42	168	0.901	-0.91	260	0.979	-0.18	352	0.260	-11.70
78	0.627	-4.05	170	0.895	-0.96	262	0.972	-0.25	354	0.274	-11.24
80	0.651	-3.73	172	0.889	-1.02	264	0.962	-0.34	356	0.288	-10.81
82	0.675	-3.41	174	0.884	-1.07	266	0.953	-0.42	358	0.300	-10.46
84	0.698	-3.12	176	0.880	-1.11	268	0.942	-0.52	360	0.310	-10.17
86	0.720	-2.85	178	0.877	-1.14	270	0.929	-0.64			
88	0.741	-2.60	180	0.874	-1.17	272	0.916	-0.76			
90	0.763	-2.35	182	0.872	-1.19	274	0.901	-0.91			

Preliminary, subject to final design and review.

ELEVATION PATTERN

Type:	ATW26HS8H		Channel:	18
Directivity:	Numeric	dBd	Location:	
Main Lobe:	26.00	14.15	Beam Tilt:	2.00
Horizontal:	1.29	1.10	Polarization:	Horizontal



Preliminary, subject to final design and review.

TABULATED DATA FOR ELEVATION PATTERN

Type: ATW26HS8H
Polarization: Horizontal

ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB	ANGLE	FIELD	dB
-5.00	0.090	-20.87	6.75	0.151	-16.42	27.00	0.026	-31.54	50.50	0.024	-32.58	74.00	0.026	-31.70
-4.75	0.093	-20.63	7.00	0.142	-16.95	27.50	0.033	-29.76	51.00	0.028	-31.21	74.50	0.026	-31.70
-4.50	0.093	-20.63	7.25	0.131	-17.65	28.00	0.035	-29.12	51.50	0.029	-30.75	75.00	0.027	-31.37
-4.25	0.092	-20.72	7.50	0.122	-18.24	28.50	0.030	-30.31	52.00	0.028	-31.21	75.50	0.028	-31.06
-4.00	0.093	-20.58	7.75	0.117	-18.64	29.00	0.024	-32.40	52.50	0.024	-32.40	76.00	0.029	-30.75
-3.75	0.097	-20.26	8.00	0.115	-18.82	29.50	0.027	-31.37	53.00	0.021	-33.56	76.50	0.030	-30.31
-3.50	0.103	-19.74	8.25	0.114	-18.86	30.00	0.033	-29.63	53.50	0.022	-33.15	77.00	0.031	-30.17
-3.25	0.108	-19.33	8.50	0.113	-18.98	30.50	0.033	-29.76	54.00	0.026	-31.87	77.50	0.032	-29.90
-3.00	0.113	-18.98	8.75	0.109	-19.25	31.00	0.026	-31.70	54.50	0.029	-30.75	78.00	0.032	-30.03
-2.75	0.116	-18.71	9.00	0.102	-19.83	31.50	0.023	-32.77	55.00	0.029	-30.75	78.50	0.031	-30.17
-2.50	0.120	-18.42	9.25	0.094	-20.54	32.00	0.028	-31.06	55.50	0.028	-31.21	79.00	0.029	-30.75
-2.25	0.128	-17.86	9.50	0.087	-21.21	32.50	0.032	-29.90	56.00	0.024	-32.40	79.50	0.028	-31.21
-2.00	0.141	-17.02	9.75	0.083	-21.62	33.00	0.029	-30.60	56.50	0.022	-33.15	80.00	0.025	-32.04
-1.75	0.155	-16.19	10.00	0.083	-21.67	33.50	0.024	-32.58	57.00	0.023	-32.77	80.50	0.022	-32.96
-1.50	0.164	-15.70	10.50	0.086	-21.31	34.00	0.022	-32.96	57.50	0.026	-31.54	81.00	0.020	-33.98
-1.25	0.164	-15.70	11.00	0.081	-21.83	34.50	0.029	-30.90	58.00	0.029	-30.75	81.50	0.017	-35.39
-1.00	0.148	-16.57	11.50	0.067	-23.48	35.00	0.031	-30.17	58.50	0.030	-30.46	82.00	0.014	-37.08
-0.75	0.121	-18.34	12.00	0.064	-23.94	35.50	0.028	-31.06	59.00	0.029	-30.90	82.50	0.011	-38.79
-0.50	0.101	-19.96	12.50	0.070	-23.16	36.00	0.022	-33.15	59.50	0.026	-31.70	83.00	0.009	-40.92
-0.25	0.132	-17.59	13.00	0.068	-23.35	36.50	0.022	-32.96	60.00	0.024	-32.40	83.50	0.007	-42.50
0.00	0.223	-13.05	13.50	0.056	-25.04	37.00	0.028	-31.06	60.50	0.024	-32.58	84.00	0.007	-43.10
0.25	0.342	-9.32	14.00	0.051	-25.76	37.50	0.031	-30.17	61.00	0.026	-31.87	84.50	0.007	-43.10
0.50	0.475	-6.47	14.50	0.058	-24.66	38.00	0.028	-31.21	61.50	0.028	-31.06	85.00	0.007	-43.10
0.75	0.610	-4.29	15.00	0.060	-24.36	38.50	0.021	-33.35	62.00	0.030	-30.46	85.50	0.007	-43.10
1.00	0.736	-2.66	15.50	0.051	-25.93	39.00	0.021	-33.35	62.50	0.030	-30.46	86.00	0.008	-41.94
1.25	0.846	-1.45	16.00	0.043	-27.33	39.50	0.026	-31.54	63.00	0.029	-30.75	86.50	0.008	-41.94
1.50	0.929	-0.64	16.50	0.049	-26.20	40.00	0.030	-30.46	63.50	0.028	-31.21	87.00	0.008	-41.94
1.75	0.982	-0.16	17.00	0.053	-25.51	40.50	0.028	-31.21	64.00	0.026	-31.70	87.50	0.008	-41.94
2.00	1.000	0.00	17.50	0.046	-26.65	41.00	0.021	-33.35	64.50	0.025	-32.04	88.00	0.007	-42.50
2.25	0.984	-0.14	18.00	0.037	-28.52	41.50	0.020	-33.98	65.00	0.026	-31.70	88.50	0.007	-43.10
2.50	0.934	-0.59	18.50	0.041	-27.74	42.00	0.025	-32.22	65.50	0.028	-31.21	89.00	0.006	-44.44
2.75	0.860	-1.31	19.00	0.048	-26.47	42.50	0.029	-30.75	66.00	0.029	-30.75	89.50	0.005	-46.02
3.00	0.766	-2.32	19.50	0.044	-27.13	43.00	0.029	-30.90	66.50	0.030	-30.46	90.00	0.004	-49.12
3.25	0.663	-3.57	20.00	0.035	-29.24	43.50	0.024	-32.40	67.00	0.030	-30.46			
3.50	0.560	-5.04	20.50	0.035	-29.12	44.00	0.020	-33.98	67.50	0.029	-30.60			
3.75	0.466	-6.63	21.00	0.042	-27.43	44.50	0.022	-32.96	68.00	0.029	-30.90			
4.00	0.390	-8.18	21.50	0.042	-27.43	45.00	0.028	-31.21	68.50	0.027	-31.37			
4.25	0.333	-9.55	22.00	0.034	-29.37	45.50	0.030	-30.46	69.00	0.027	-31.37			
4.50	0.294	-10.62	22.50	0.030	-30.46	46.00	0.028	-31.21	69.50	0.027	-31.37			
4.75	0.268	-11.44	23.00	0.036	-28.75	46.50	0.022	-32.96	70.00	0.028	-31.06			
5.00	0.247	-12.15	23.50	0.040	-27.96	47.00	0.020	-33.98	70.50	0.029	-30.75			
5.25	0.227	-12.88	24.00	0.035	-29.12	47.50	0.024	-32.58	71.00	0.029	-30.75			
5.50	0.208	-13.62	24.50	0.028	-31.21	48.00	0.028	-31.21	71.50	0.030	-30.46			
5.75	0.192	-14.33	25.00	0.031	-30.17	48.50	0.029	-30.75	72.00	0.029	-30.75			
6.00	0.179	-14.94	25.50	0.037	-28.64	49.00	0.026	-31.54	72.50	0.029	-30.90			
6.25	0.169	-15.44	26.00	0.036	-29.00	49.50	0.022	-32.96	73.00	0.028	-31.21			
6.50	0.161	-15.89	26.50	0.028	-31.06	50.00	0.021	-33.76	73.50	0.027	-31.37			

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