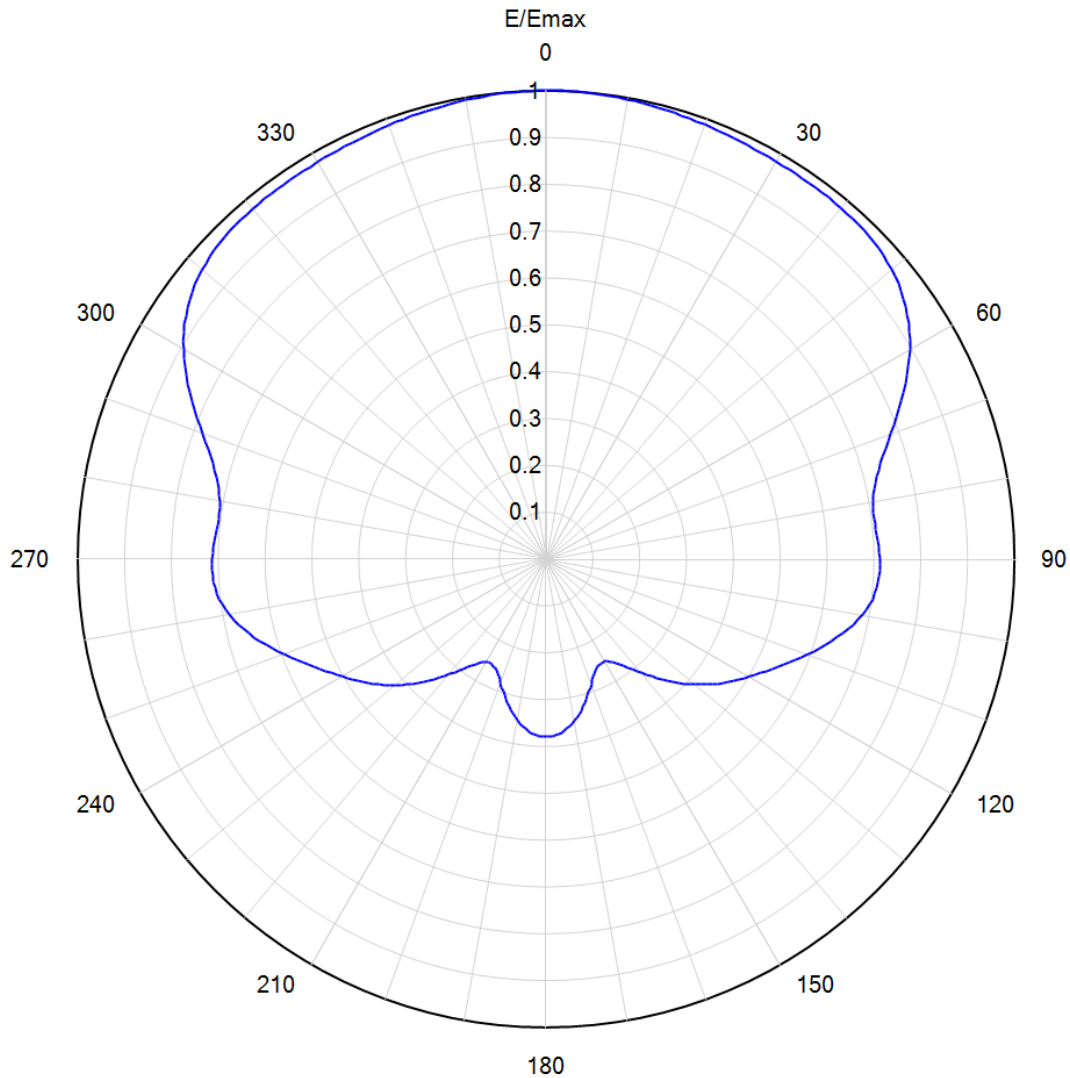




## Azimuth Pattern



Model: SAA26-KSTR-E300-ET6R-3433

Location:

Customer:

Date: September 1, 2017

Rotation Angle: 0 degrees

Note: Pattern Tolerance +/-5% of Emax

Polarization: Horizontal

Frequency: 593.00 MHz

Directivity: 1.9 (2.81 dB)

Elevation Angle: 0.75 degrees

Horizontal Unit Pattern:

File = KSTR-HRP-HP.pat



Model: **SAA26-KSTR-G300-ET6R-3433**  
Location:  
Customer:  
Date: **September 1, 2017**

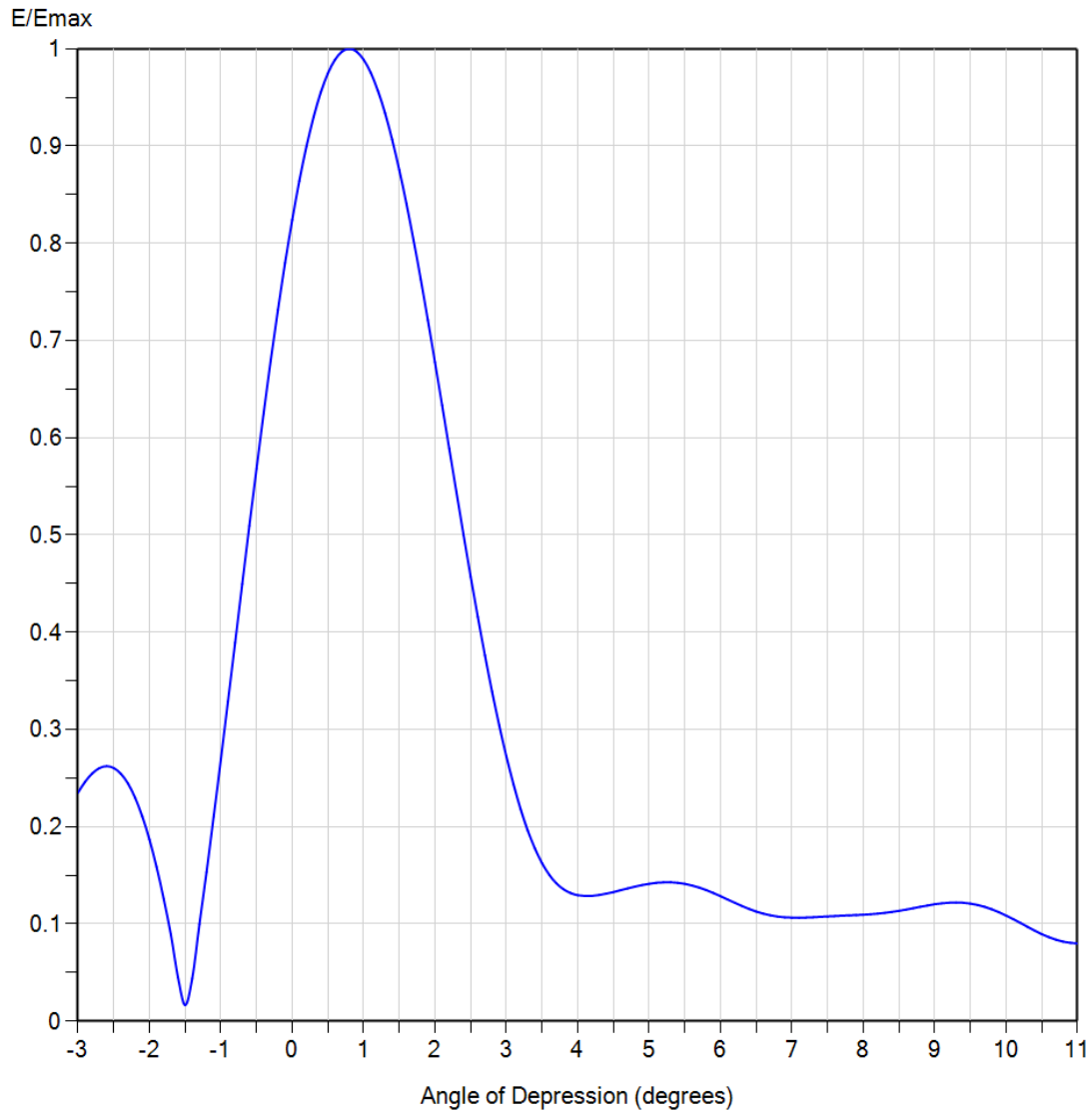
Polarization: **Horizontal**  
Frequency (MHz): **593.00**  
Directivity: **1.9 (2.81 dB)**  
Elevation Angle: **0.75 degrees**  
Rotation Angle: **0 degrees**

**TABULATED AZIMUTH PATTERN**

Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field
0	1.000	45	0.975	90	0.713	135	0.368	180	0.380	225	0.371	270	0.713	315	0.971
1	1.000	46	0.973	91	0.713	136	0.358	181	0.380	226	0.381	271	0.712	316	0.973
2	1.000	47	0.971	92	0.713	137	0.348	182	0.379	227	0.391	272	0.710	317	0.974
3	1.000	48	0.969	93	0.713	138	0.338	183	0.377	228	0.401	273	0.709	318	0.974
4	1.000	49	0.966	94	0.711	139	0.328	184	0.375	229	0.410	274	0.707	319	0.975
5	0.999	50	0.963	95	0.709	140	0.318	185	0.372	230	0.420	275	0.706	320	0.976
6	0.999	51	0.959	96	0.706	141	0.308	186	0.369	231	0.429	276	0.705	321	0.976
7	0.998	52	0.954	97	0.703	142	0.299	187	0.365	232	0.437	277	0.705	322	0.976
8	0.998	53	0.950	98	0.698	143	0.290	188	0.360	233	0.446	278	0.705	323	0.976
9	0.997	54	0.944	99	0.692	144	0.282	189	0.355	234	0.454	279	0.706	324	0.977
10	0.997	55	0.938	100	0.686	145	0.275	190	0.350	235	0.463	280	0.708	325	0.977
11	0.996	56	0.931	101	0.679	146	0.268	191	0.344	236	0.470	281	0.710	326	0.977
12	0.995	57	0.923	102	0.671	147	0.263	192	0.338	237	0.479	282	0.714	327	0.977
13	0.994	58	0.915	103	0.663	148	0.258	193	0.331	238	0.487	283	0.719	328	0.977
14	0.993	59	0.906	104	0.654	149	0.255	194	0.325	239	0.494	284	0.725	329	0.977
15	0.992	60	0.897	105	0.645	150	0.252	195	0.318	240	0.502	285	0.732	330	0.978
16	0.991	61	0.887	106	0.635	151	0.251	196	0.311	241	0.511	286	0.740	331	0.978
17	0.990	62	0.876	107	0.625	152	0.251	197	0.303	242	0.519	287	0.749	332	0.979
18	0.989	63	0.865	108	0.615	153	0.252	198	0.296	243	0.527	288	0.759	333	0.979
19	0.988	64	0.854	109	0.604	154	0.254	199	0.290	244	0.536	289	0.770	334	0.980
20	0.987	65	0.842	110	0.594	155	0.257	200	0.283	245	0.545	290	0.781	335	0.980
21	0.987	66	0.831	111	0.584	156	0.261	201	0.277	246	0.554	291	0.792	336	0.981
22	0.986	67	0.818	112	0.574	157	0.266	202	0.271	247	0.564	292	0.804	337	0.982
23	0.985	68	0.807	113	0.564	158	0.271	203	0.266	248	0.574	293	0.815	338	0.983
24	0.984	69	0.795	114	0.554	159	0.277	204	0.261	249	0.584	294	0.828	339	0.984
25	0.983	70	0.783	115	0.545	160	0.283	205	0.258	250	0.595	295	0.839	340	0.985
26	0.983	71	0.772	116	0.536	161	0.290	206	0.255	251	0.605	296	0.851	341	0.986
27	0.982	72	0.762	117	0.527	162	0.297	207	0.253	252	0.615	297	0.862	342	0.987
28	0.982	73	0.752	118	0.518	163	0.304	208	0.252	253	0.625	298	0.873	343	0.988
29	0.981	74	0.743	119	0.510	164	0.311	209	0.252	254	0.635	299	0.884	344	0.989
30	0.981	75	0.735	120	0.502	165	0.318	210	0.254	255	0.645	300	0.894	345	0.990
31	0.980	76	0.728	121	0.494	166	0.325	211	0.256	256	0.655	301	0.903	346	0.991
32	0.980	77	0.722	122	0.486	167	0.332	212	0.260	257	0.663	302	0.912	347	0.992
33	0.980	78	0.717	123	0.477	168	0.338	213	0.265	258	0.672	303	0.920	348	0.993
34	0.980	79	0.713	124	0.470	169	0.344	214	0.271	259	0.679	304	0.928	349	0.994
35	0.980	80	0.710	125	0.461	170	0.350	215	0.277	260	0.686	305	0.935	350	0.995
36	0.980	81	0.708	126	0.453	171	0.356	216	0.285	261	0.693	306	0.941	351	0.996
37	0.980	82	0.706	127	0.444	172	0.361	217	0.293	262	0.698	307	0.946	352	0.997
38	0.980	83	0.706	128	0.436	173	0.365	218	0.302	263	0.703	308	0.951	353	0.997
39	0.979	84	0.706	129	0.427	174	0.369	219	0.311	264	0.707	309	0.956	354	0.998
40	0.979	85	0.707	130	0.418	175	0.372	220	0.320	265	0.710	310	0.960	355	0.998
41	0.978	86	0.708	131	0.408	176	0.375	221	0.330	266	0.712	311	0.963	356	0.999
42	0.978	87	0.710	132	0.399	177	0.377	222	0.340	267	0.713	312	0.966	357	0.999
43	0.977	88	0.711	133	0.389	178	0.379	223	0.351	268	0.713	313	0.968	358	1.000
44	0.976	89	0.712	134	0.379	179	0.380	224	0.361	269	0.713	314	0.970	359	1.000



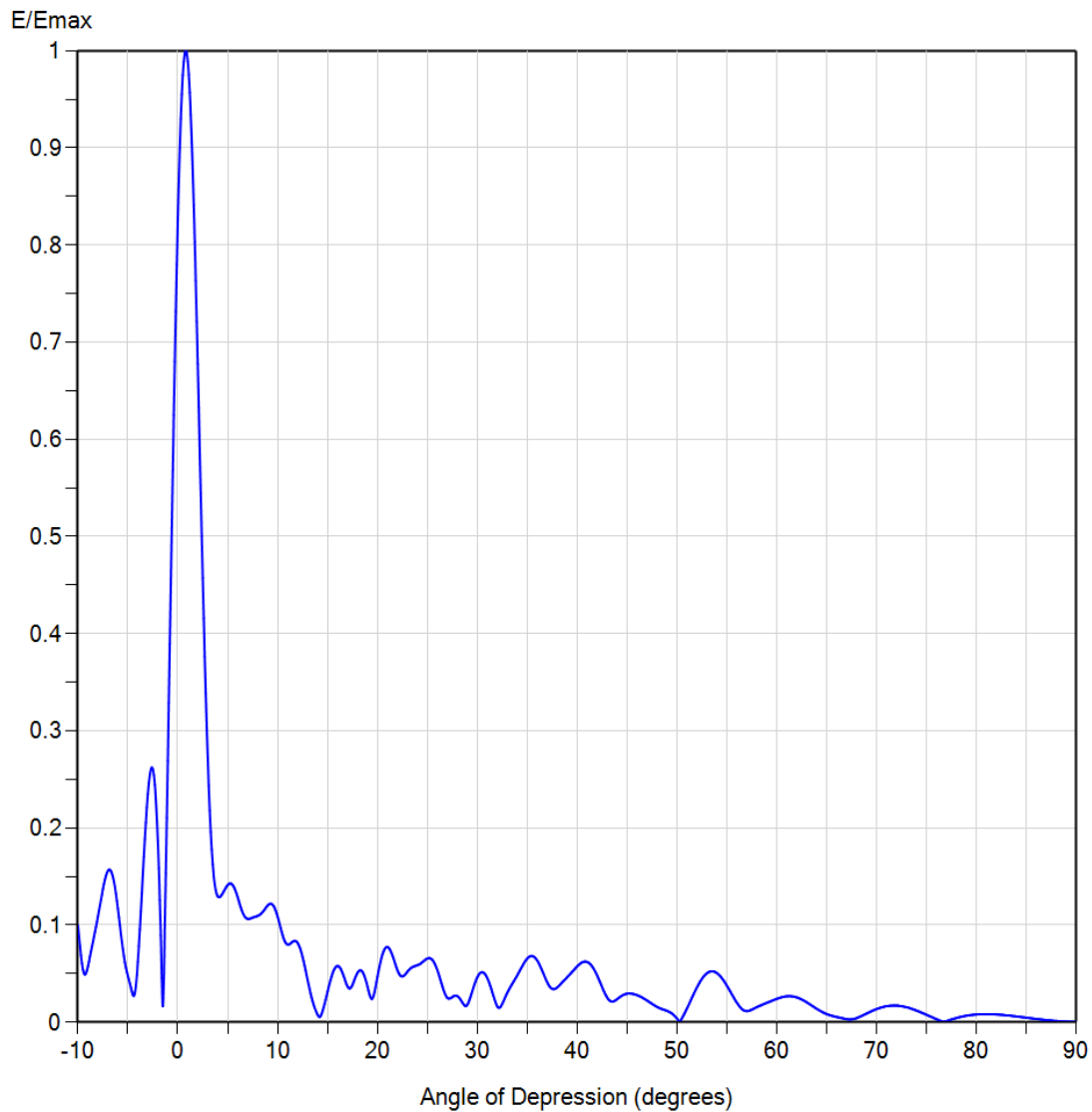
## Elevation Pattern



Model:	SAA26-KSTR-E300-ET6R-3433	Frequency:	593.00 MHz
Polarization:	<u>Horizontal</u>	Directivity (Main Lobe):	25.5 (14.07 dBd)
Location:		Directivity (At Horizon):	17.3 (12.39 dBd)
Customer:		Beam Tilt:	0.75 degrees
Date:	September 1, 2017	Azimuth Angle:	0 degrees



## Elevation Pattern



Model:	SAA26-KSTR-E300-ET6R-3433	Frequency:	593.00 MHz
Polarization:	<u>Horizontal</u>	Directivity (Main Lobe):	25.5 (14.07 dBd)
Location:		Directivity (At Horizon):	17.3 (12.39 dBd)
Customer:		Beam Tilt:	0.75 degrees
Date:	September 1, 2017	Azimuth Angle:	0 degrees



Model: **SAA26-KSTR-G300-ET6R-3433**  
Location:  
Customer:  
Date: **September 1, 2017**

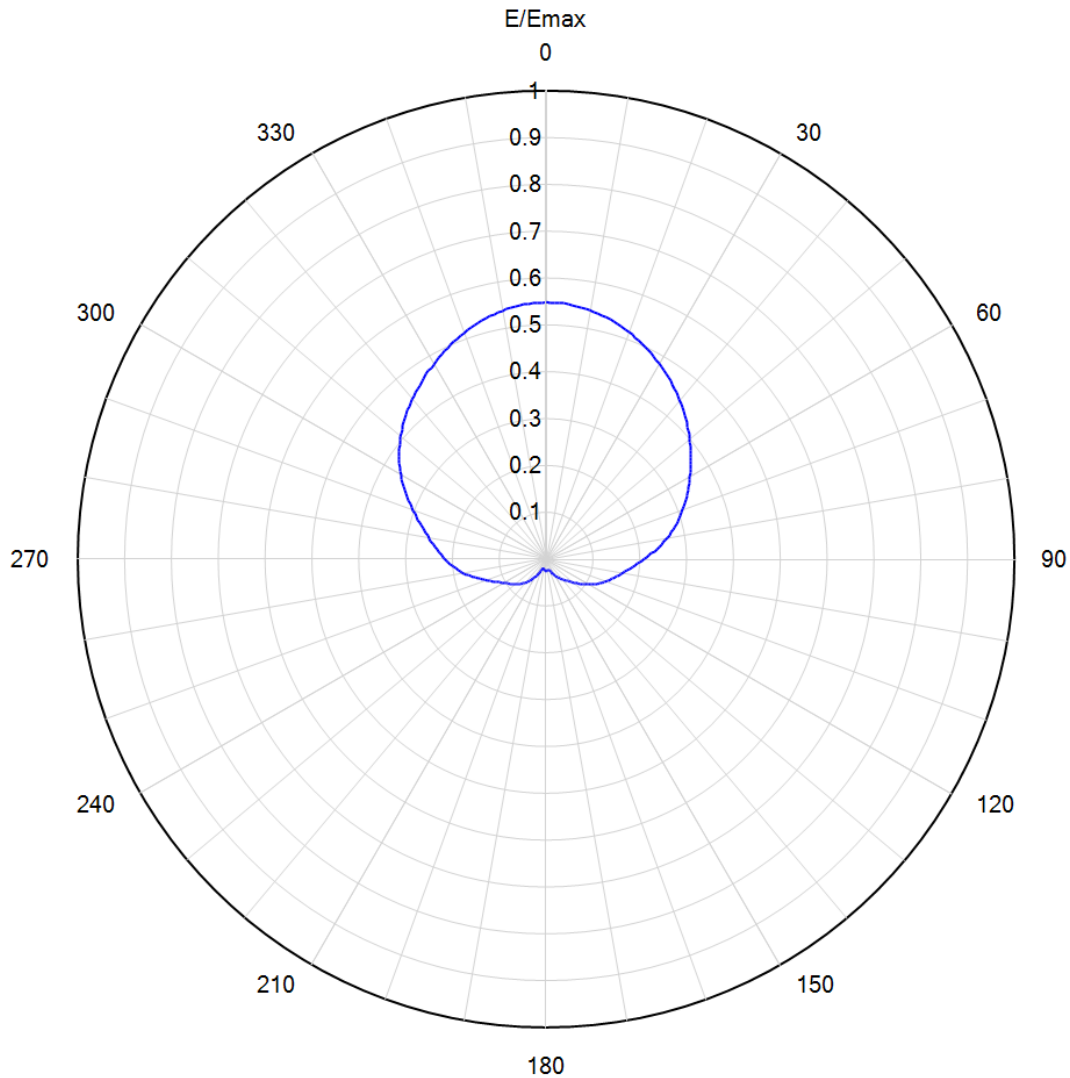
Polarization: **Horizontal**  
Frequency (MHz): **593.00**  
Directivity (Main Lobe): **25.5 (14.07 dB)**  
Directivity (At Horizon): **17.3 (12.39 dB)**  
Beam Tilt: **0.75 degrees**

**TABULATED ELEVATION PATTERN**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.100	2.4	0.500	10.6	0.086	30.5	0.052	51.0	0.014	71.5	0.017
-9.5	0.054	2.6	0.416	10.8	0.082	31.0	0.045	51.5	0.025	72.0	0.017
-9.0	0.058	2.8	0.339	11.0	0.080	31.5	0.031	52.0	0.036	72.5	0.016
-8.5	0.083	3.0	0.272	11.5	0.083	32.0	0.016	52.5	0.045	73.0	0.015
-8.0	0.109	3.2	0.218	12.0	0.082	32.5	0.019	53.0	0.051	73.5	0.014
-7.5	0.137	3.4	0.178	12.5	0.067	33.0	0.030	53.5	0.052	74.0	0.012
-7.0	0.156	3.6	0.151	13.0	0.044	33.5	0.040	54.0	0.051	74.5	0.010
-6.5	0.150	3.8	0.136	13.5	0.022	34.0	0.048	54.5	0.045	75.0	0.008
-6.0	0.117	4.0	0.130	14.0	0.008	34.5	0.058	55.0	0.037	75.5	0.005
-5.5	0.075	4.2	0.129	14.5	0.012	35.0	0.066	55.5	0.029	76.0	0.003
-5.0	0.048	4.4	0.131	15.0	0.031	35.5	0.068	56.0	0.020	76.5	0.001
-4.5	0.028	4.6	0.135	15.5	0.050	36.0	0.064	56.5	0.014	77.0	0.001
-4.0	0.062	4.8	0.138	16.0	0.058	36.5	0.053	57.0	0.011	77.5	0.003
-3.5	0.152	5.0	0.141	16.5	0.051	37.0	0.041	57.5	0.013	78.0	0.004
-3.0	0.235	5.2	0.143	17.0	0.037	37.5	0.034	58.0	0.016	78.5	0.006
-2.8	0.255	5.4	0.142	17.5	0.039	38.0	0.036	58.5	0.018	79.0	0.007
-2.6	0.262	5.6	0.140	18.0	0.051	38.5	0.041	59.0	0.020	79.5	0.007
-2.4	0.254	5.8	0.135	18.5	0.052	39.0	0.046	59.5	0.022	80.0	0.008
-2.2	0.230	6.0	0.129	19.0	0.037	39.5	0.052	60.0	0.024	80.5	0.008
-2.0	0.187	6.2	0.122	19.5	0.025	40.0	0.058	60.5	0.026	81.0	0.008
-1.8	0.126	6.4	0.115	20.0	0.047	40.5	0.062	61.0	0.027	81.5	0.008
-1.6	0.045	6.6	0.111	20.5	0.070	41.0	0.062	61.5	0.027	82.0	0.008
-1.4	0.044	6.8	0.108	21.0	0.077	41.5	0.057	62.0	0.026	82.5	0.008
-1.2	0.153	7.0	0.106	21.5	0.069	42.0	0.048	62.5	0.023	83.0	0.007
-1.0	0.269	7.2	0.107	22.0	0.054	42.5	0.036	63.0	0.020	83.5	0.007
-0.8	0.389	7.4	0.107	22.5	0.047	43.0	0.025	63.5	0.017	84.0	0.006
-0.6	0.510	7.6	0.108	23.0	0.052	43.5	0.021	64.0	0.014	84.5	0.005
-0.4	0.625	7.8	0.109	23.5	0.057	44.0	0.024	64.5	0.011	85.0	0.005
-0.2	0.731	8.0	0.109	24.0	0.059	44.5	0.027	65.0	0.008	85.5	0.004
0.0	0.824	8.2	0.111	24.5	0.062	45.0	0.029	65.5	0.007	86.0	0.003
0.2	0.900	8.4	0.112	25.0	0.066	45.5	0.029	66.0	0.005	86.5	0.003
0.4	0.955	8.6	0.115	25.5	0.064	46.0	0.028	66.5	0.004	87.0	0.002
0.6	0.989	8.8	0.118	26.0	0.054	46.5	0.025	67.0	0.003	87.5	0.002
0.8	1.000	9.0	0.120	26.5	0.037	47.0	0.022	67.5	0.003	88.0	0.001
1.0	0.989	9.2	0.122	27.0	0.025	47.5	0.019	68.0	0.004	88.5	0.001
1.2	0.957	9.4	0.122	27.5	0.026	48.0	0.016	68.5	0.007	89.0	0.001
1.4	0.907	9.6	0.120	28.0	0.027	48.5	0.014	69.0	0.009	89.5	0.000
1.6	0.841	9.8	0.115	28.5	0.020	49.0	0.012	69.5	0.011	90.0	0.000
1.8	0.763	10.0	0.109	29.0	0.018	49.5	0.009	70.0	0.014		
2.0	0.678	10.2	0.101	29.5	0.032	50.0	0.004	70.5	0.015		
2.2	0.589	10.4	0.093	30.0	0.046	50.5	0.004	71.0	0.017		



## Azimuth Pattern



Model: SAA26-KSTR-E300-ET6R-3433

Location:

Customer:

Date: September 1, 2017

Rotation Angle: 0 degrees

Note: Pattern Tolerance +/-5% of Emax

Polarization: Vertical

Frequency: 593.00 MHz

Directivity: 3.2 (5.01 dB)

Elevation Angle: 0.75 degrees

Horizontal Unit Pattern:

File = KSTR-HRP-VP.pat



Model: **SAA26-KSTR-G300-ET6R-3433**  
Location:  
Customer:  
Date: **September 1, 2017**

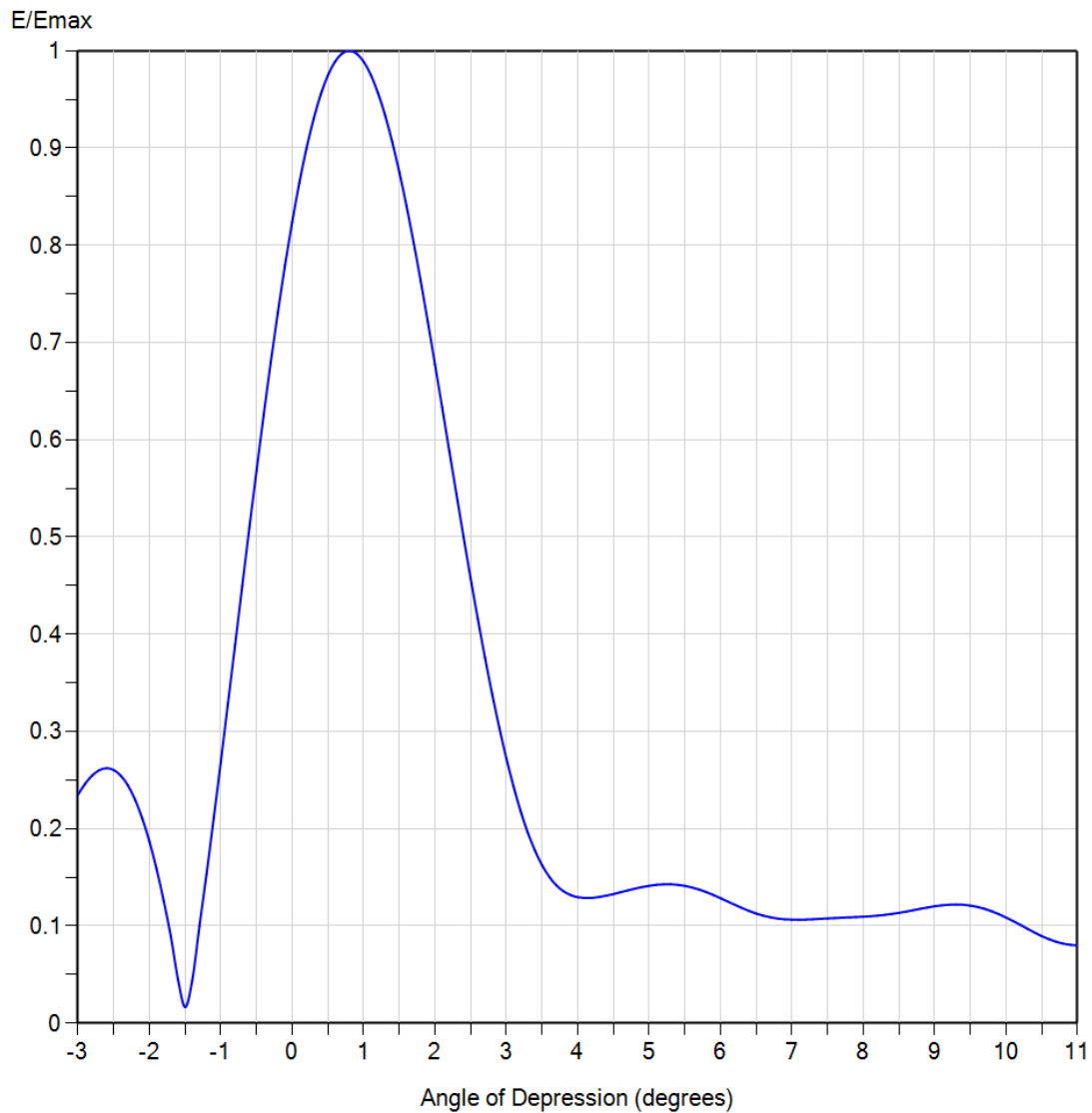
Polarization: **Vertical**  
Frequency (MHz): **593.00**  
Directivity: **3.2 (5.01 dB)**  
Elevation Angle: **0.75 degrees**  
Rotation Angle: **0 degrees**

**TABULATED AZIMUTH PATTERN**

Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field
0	1.000	45	0.771	90	0.384	135	0.123	180	0.047	225	0.136	270	0.394	315	0.778
1	1.000	46	0.764	91	0.375	136	0.119	181	0.047	226	0.140	271	0.401	316	0.785
2	1.000	47	0.755	92	0.366	137	0.116	182	0.047	227	0.143	272	0.407	317	0.792
3	0.999	48	0.747	93	0.357	138	0.112	183	0.046	228	0.147	273	0.414	318	0.799
4	0.998	49	0.739	94	0.349	139	0.109	184	0.046	229	0.150	274	0.420	319	0.805
5	0.996	50	0.730	95	0.340	140	0.106	185	0.045	230	0.153	275	0.427	320	0.812
6	0.995	51	0.722	96	0.333	141	0.103	186	0.044	231	0.156	276	0.433	321	0.818
7	0.993	52	0.714	97	0.325	142	0.100	187	0.043	232	0.159	277	0.440	322	0.825
8	0.990	53	0.706	98	0.318	143	0.097	188	0.042	233	0.163	278	0.447	323	0.832
9	0.988	54	0.697	99	0.311	144	0.095	189	0.042	234	0.166	279	0.455	324	0.838
10	0.985	55	0.689	100	0.305	145	0.092	190	0.041	235	0.169	280	0.462	325	0.845
11	0.982	56	0.681	101	0.299	146	0.089	191	0.040	236	0.172	281	0.470	326	0.851
12	0.978	57	0.672	102	0.293	147	0.087	192	0.039	237	0.176	282	0.478	327	0.858
13	0.975	58	0.664	103	0.287	148	0.084	193	0.039	238	0.180	283	0.486	328	0.864
14	0.971	59	0.656	104	0.282	149	0.082	194	0.039	239	0.183	284	0.495	329	0.870
15	0.966	60	0.648	105	0.277	150	0.079	195	0.039	240	0.187	285	0.504	330	0.877
16	0.962	61	0.640	106	0.272	151	0.076	196	0.039	241	0.192	286	0.513	331	0.883
17	0.957	62	0.632	107	0.267	152	0.074	197	0.040	242	0.196	287	0.522	332	0.890
18	0.952	63	0.624	108	0.262	153	0.071	198	0.041	243	0.201	288	0.532	333	0.896
19	0.947	64	0.616	109	0.257	154	0.068	199	0.042	244	0.207	289	0.541	334	0.902
20	0.942	65	0.608	110	0.252	155	0.066	200	0.044	245	0.212	290	0.551	335	0.908
21	0.936	66	0.600	111	0.247	156	0.063	201	0.047	246	0.218	291	0.561	336	0.914
22	0.931	67	0.592	112	0.242	157	0.060	202	0.049	247	0.224	292	0.571	337	0.920
23	0.925	68	0.584	113	0.237	158	0.058	203	0.052	248	0.231	293	0.581	338	0.926
24	0.919	69	0.576	114	0.232	159	0.056	204	0.055	249	0.237	294	0.592	339	0.932
25	0.913	70	0.569	115	0.227	160	0.053	205	0.059	250	0.245	295	0.602	340	0.937
26	0.907	71	0.561	116	0.222	161	0.051	206	0.062	251	0.252	296	0.612	341	0.943
27	0.901	72	0.552	117	0.217	162	0.050	207	0.066	252	0.259	297	0.622	342	0.948
28	0.894	73	0.544	118	0.211	163	0.048	208	0.070	253	0.267	298	0.632	343	0.953
29	0.888	74	0.536	119	0.206	164	0.047	209	0.074	254	0.275	299	0.642	344	0.958
30	0.881	75	0.527	120	0.200	165	0.046	210	0.078	255	0.283	300	0.652	345	0.963
31	0.874	76	0.518	121	0.195	166	0.045	211	0.082	256	0.291	301	0.662	346	0.967
32	0.868	77	0.509	122	0.189	167	0.044	212	0.086	257	0.299	302	0.671	347	0.972
33	0.861	78	0.500	123	0.183	168	0.044	213	0.090	258	0.307	303	0.681	348	0.976
34	0.854	79	0.491	124	0.178	169	0.044	214	0.094	259	0.315	304	0.690	349	0.979
35	0.847	80	0.481	125	0.172	170	0.044	215	0.098	260	0.323	305	0.699	350	0.983
36	0.840	81	0.472	126	0.167	171	0.044	216	0.102	261	0.331	306	0.708	351	0.986
37	0.832	82	0.462	127	0.161	172	0.045	217	0.106	262	0.338	307	0.716	352	0.989
38	0.825	83	0.452	128	0.156	173	0.045	218	0.110	263	0.346	308	0.724	353	0.991
39	0.817	84	0.442	129	0.151	174	0.045	219	0.114	264	0.353	309	0.733	354	0.993
40	0.810	85	0.433	130	0.146	175	0.046	220	0.118	265	0.360	310	0.741	355	0.995
41	0.803	86	0.423	131	0.141	176	0.046	221	0.122	266	0.367	311	0.748	356	0.997
42	0.795	87	0.413	132	0.136	177	0.047	222	0.126	267	0.374	312	0.756	357	0.999
43	0.787	88	0.403	133	0.131	178	0.047	223	0.129	268	0.381	313	0.764	358	0.999
44	0.779	89	0.393	134	0.127	179	0.047	224	0.133	269	0.388	314	0.771	359	1.000



## Elevation Pattern

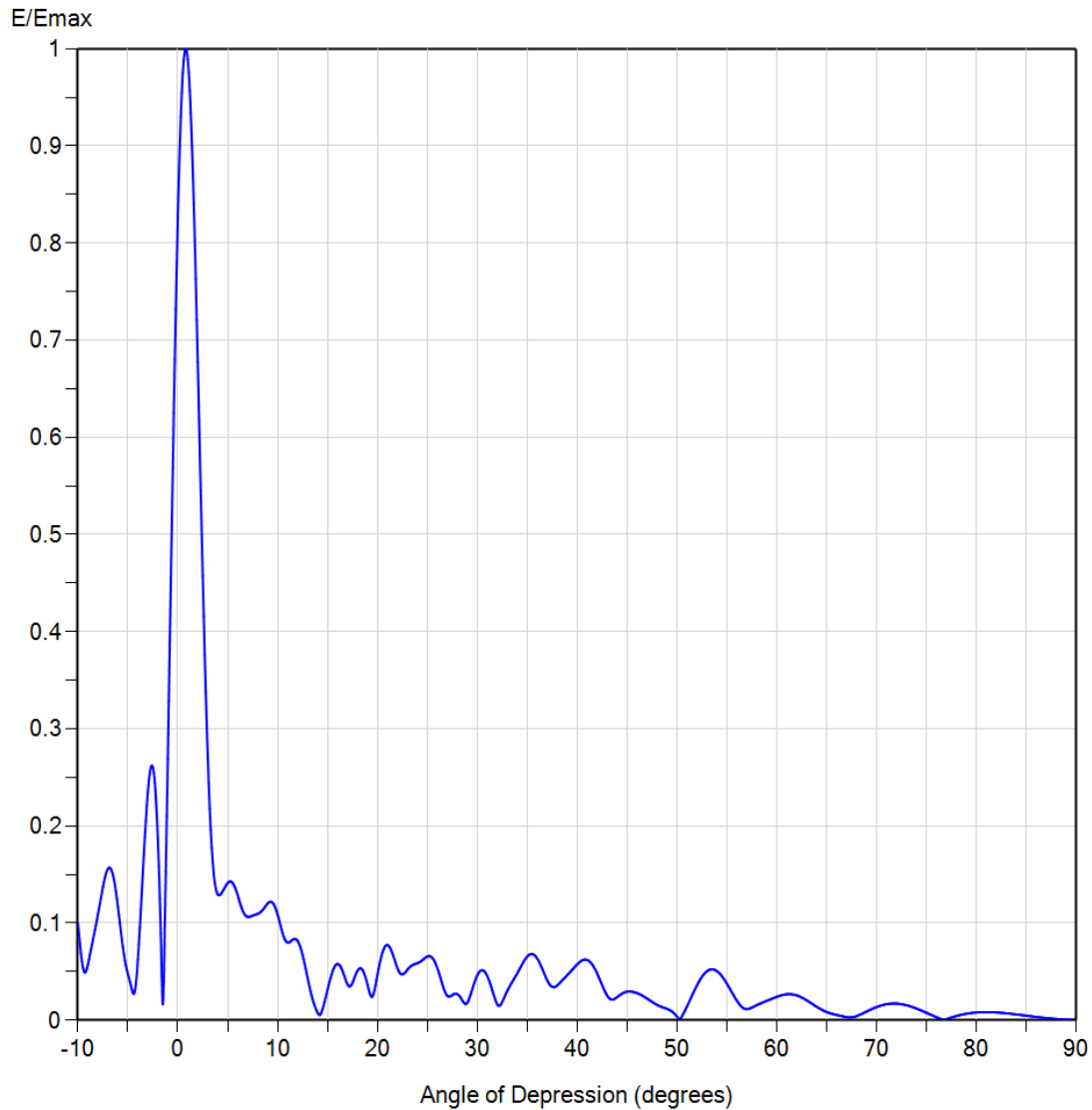


Model:	SAA26-KSTR-E300-ET6R-3433	Frequency:	593.00 MHz
Polarization:	<u>Vertical</u>	Directivity (Main Lobe):	25.5 (14.07 dBd)
Location:		Directivity (At Horizon):	17.3 (12.39 dBd)
Customer:		Beam Tilt:	0.75 degrees
Date:	September 1, 2017	Azimuth Angle:	359 degrees





## Elevation Pattern



Model:	SAA26-KSTR-E300-ET6R-3433	Frequency:	593.00 MHz
Polarization:	<u>Vertical</u>	Directivity (Main Lobe):	25.5 (14.07 dBd)
Location:		Directivity (At Horizon):	17.3 (12.39 dBd)
Customer:		Beam Tilt:	0.75 degrees
Date:	September 1, 2017	Azimuth Angle:	359 degrees



Model: **SAA26-KSTR-G300-ET6R-3433**  
Location:  
Customer:  
Date: **September 1, 2017**

Polarization: **Vertical**  
Frequency (MHz): **593.00**  
Directivity (Main Lobe): **25.5 (14.07 dB)**  
Directivity (At Horizon): **17.3 (12.39 dB)**  
Beam Tilt: **0.75 degrees**

### TABULATED ELEVATION PATTERN

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.100	2.4	0.500	10.6	0.086	30.5	0.052	51.0	0.014	71.5	0.017
-9.5	0.054	2.6	0.416	10.8	0.082	31.0	0.045	51.5	0.025	72.0	0.017
-9.0	0.058	2.8	0.339	11.0	0.080	31.5	0.031	52.0	0.036	72.5	0.016
-8.5	0.083	3.0	0.272	11.5	0.083	32.0	0.016	52.5	0.045	73.0	0.015
-8.0	0.109	3.2	0.218	12.0	0.082	32.5	0.019	53.0	0.051	73.5	0.014
-7.5	0.137	3.4	0.178	12.5	0.067	33.0	0.030	53.5	0.052	74.0	0.012
-7.0	0.156	3.6	0.151	13.0	0.044	33.5	0.040	54.0	0.051	74.5	0.010
-6.5	0.150	3.8	0.136	13.5	0.022	34.0	0.048	54.5	0.045	75.0	0.008
-6.0	0.117	4.0	0.130	14.0	0.008	34.5	0.058	55.0	0.037	75.5	0.005
-5.5	0.075	4.2	0.129	14.5	0.012	35.0	0.066	55.5	0.029	76.0	0.003
-5.0	0.048	4.4	0.131	15.0	0.031	35.5	0.068	56.0	0.020	76.5	0.001
-4.5	0.028	4.6	0.135	15.5	0.050	36.0	0.064	56.5	0.014	77.0	0.001
-4.0	0.062	4.8	0.138	16.0	0.058	36.5	0.053	57.0	0.011	77.5	0.003
-3.5	0.152	5.0	0.141	16.5	0.051	37.0	0.041	57.5	0.013	78.0	0.004
-3.0	0.235	5.2	0.143	17.0	0.037	37.5	0.034	58.0	0.016	78.5	0.006
-2.8	0.255	5.4	0.142	17.5	0.039	38.0	0.036	58.5	0.018	79.0	0.007
-2.6	0.262	5.6	0.140	18.0	0.051	38.5	0.041	59.0	0.020	79.5	0.007
-2.4	0.254	5.8	0.135	18.5	0.052	39.0	0.046	59.5	0.022	80.0	0.008
-2.2	0.230	6.0	0.129	19.0	0.037	39.5	0.052	60.0	0.024	80.5	0.008
-2.0	0.187	6.2	0.122	19.5	0.025	40.0	0.058	60.5	0.026	81.0	0.008
-1.8	0.126	6.4	0.115	20.0	0.047	40.5	0.062	61.0	0.027	81.5	0.008
-1.6	0.045	6.6	0.111	20.5	0.070	41.0	0.062	61.5	0.027	82.0	0.008
-1.4	0.044	6.8	0.108	21.0	0.077	41.5	0.057	62.0	0.026	82.5	0.008
-1.2	0.153	7.0	0.106	21.5	0.069	42.0	0.048	62.5	0.023	83.0	0.007
-1.0	0.269	7.2	0.107	22.0	0.054	42.5	0.036	63.0	0.020	83.5	0.007
-0.8	0.389	7.4	0.107	22.5	0.047	43.0	0.025	63.5	0.017	84.0	0.006
-0.6	0.510	7.6	0.108	23.0	0.052	43.5	0.021	64.0	0.014	84.5	0.005
-0.4	0.625	7.8	0.109	23.5	0.057	44.0	0.024	64.5	0.011	85.0	0.005
-0.2	0.731	8.0	0.109	24.0	0.059	44.5	0.027	65.0	0.008	85.5	0.004
0.0	0.824	8.2	0.111	24.5	0.062	45.0	0.029	65.5	0.007	86.0	0.003
0.2	0.900	8.4	0.112	25.0	0.066	45.5	0.029	66.0	0.005	86.5	0.003
0.4	0.955	8.6	0.115	25.5	0.064	46.0	0.028	66.5	0.004	87.0	0.002
0.6	0.989	8.8	0.118	26.0	0.054	46.5	0.025	67.0	0.003	87.5	0.002
0.8	1.000	9.0	0.120	26.5	0.037	47.0	0.022	67.5	0.003	88.0	0.001
1.0	0.989	9.2	0.122	27.0	0.025	47.5	0.019	68.0	0.004	88.5	0.001
1.2	0.957	9.4	0.122	27.5	0.026	48.0	0.016	68.5	0.007	89.0	0.001
1.4	0.907	9.6	0.120	28.0	0.027	48.5	0.014	69.0	0.009	89.5	0.000
1.6	0.841	9.8	0.115	28.5	0.020	49.0	0.012	69.5	0.011	90.0	0.000
1.8	0.763	10.0	0.109	29.0	0.018	49.5	0.009	70.0	0.014		
2.0	0.678	10.2	0.101	29.5	0.032	50.0	0.004	70.5	0.015		
2.2	0.589	10.4	0.093	30.0	0.046	50.5	0.004	71.0	0.017		