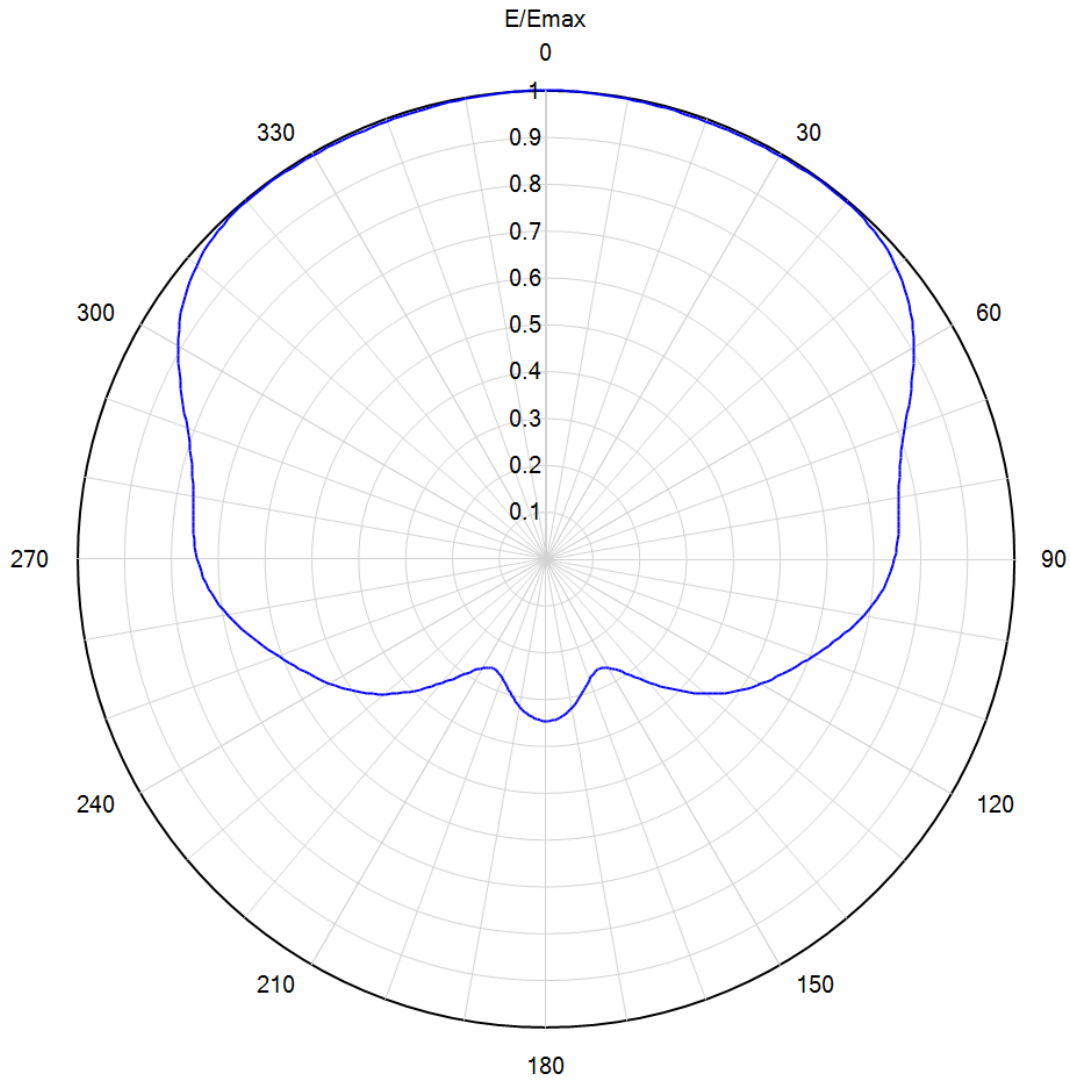




## Azimuth Pattern



Model: SAA26-KSTR-G300-ET6R-3433

Location:

Customer:

Date: September 20, 2017

Rotation Angle: 0 degrees

Note: Pattern Tolerance +/-5% of Emax

Polarization: Horizontal

Frequency: 593.00 MHz

Directivity: 1.8 (2.64 dB)

Elevation Angle: 0.75 degrees

Horizontal Unit Pattern:

File = kstr-exfeed-hrp-hp.pat



Model: **SAA26-KSTR-G300-ET6R-3433**  
Location:  
Customer:  
Date: **September 20, 2017**

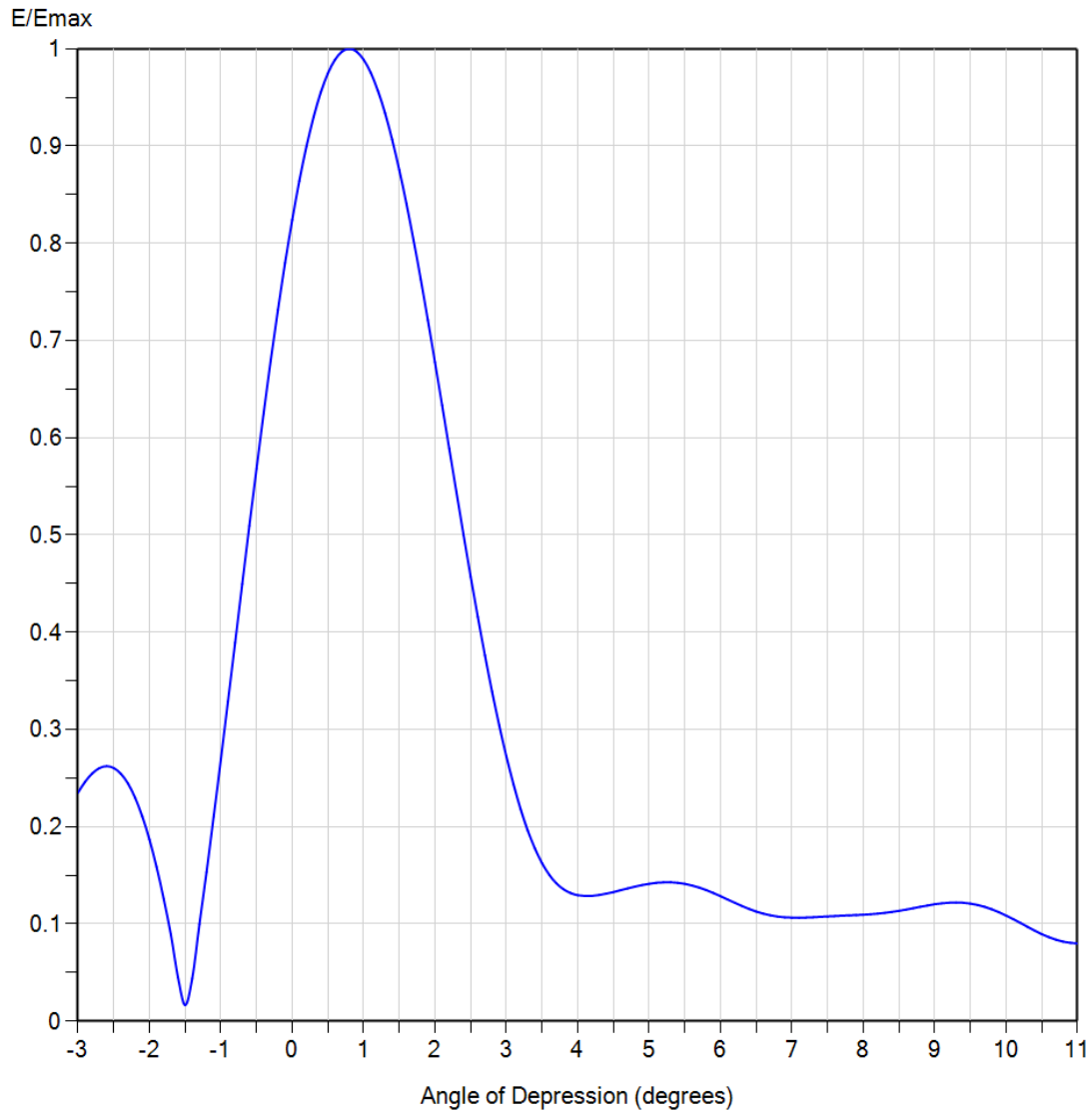
Polarization: **Horizontal**  
Frequency (MHz): **593.00**  
Directivity: **1.8 (2.64 dB)**  
Elevation Angle: **0.75 degrees**  
Rotation Angle: **0 degrees**

**TABULATED AZIMUTH PATTERN**

Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field
0	1.000	45	0.990	90	0.744	135	0.397	180	0.346	225	0.398	270	0.744	315	0.990
1	1.000	46	0.988	91	0.741	136	0.386	181	0.346	226	0.409	271	0.747	316	0.992
2	1.000	47	0.985	92	0.737	137	0.376	182	0.345	227	0.419	272	0.750	317	0.993
3	1.000	48	0.982	93	0.733	138	0.365	183	0.343	228	0.429	273	0.752	318	0.995
4	1.000	49	0.979	94	0.728	139	0.355	184	0.342	229	0.439	274	0.754	319	0.995
5	1.000	50	0.975	95	0.723	140	0.344	185	0.339	230	0.449	275	0.756	320	0.996
6	0.999	51	0.970	96	0.717	141	0.334	186	0.336	231	0.459	276	0.758	321	0.996
7	0.999	52	0.965	97	0.711	142	0.325	187	0.333	232	0.468	277	0.759	322	0.997
8	0.999	53	0.960	98	0.704	143	0.315	188	0.329	233	0.477	278	0.761	323	0.997
9	0.998	54	0.953	99	0.697	144	0.307	189	0.325	234	0.486	279	0.763	324	0.997
10	0.998	55	0.947	100	0.689	145	0.298	190	0.321	235	0.494	280	0.765	325	0.996
11	0.998	56	0.940	101	0.682	146	0.291	191	0.316	236	0.502	281	0.768	326	0.996
12	0.997	57	0.932	102	0.674	147	0.284	192	0.311	237	0.510	282	0.771	327	0.996
13	0.997	58	0.924	103	0.666	148	0.278	193	0.306	238	0.518	283	0.774	328	0.996
14	0.996	59	0.916	104	0.657	149	0.273	194	0.301	239	0.525	284	0.778	329	0.995
15	0.996	60	0.907	105	0.649	150	0.268	195	0.296	240	0.532	285	0.783	330	0.995
16	0.996	61	0.898	106	0.640	151	0.265	196	0.290	241	0.540	286	0.788	331	0.995
17	0.995	62	0.888	107	0.632	152	0.263	197	0.285	242	0.547	287	0.794	332	0.994
18	0.995	63	0.879	108	0.623	153	0.261	198	0.280	243	0.554	288	0.801	333	0.994
19	0.995	64	0.869	109	0.615	154	0.260	199	0.276	244	0.561	289	0.808	334	0.994
20	0.995	65	0.860	110	0.607	155	0.260	200	0.272	245	0.569	290	0.815	335	0.994
21	0.994	66	0.850	111	0.599	156	0.261	201	0.268	246	0.576	291	0.824	336	0.994
22	0.994	67	0.841	112	0.591	157	0.263	202	0.265	247	0.583	292	0.832	337	0.994
23	0.994	68	0.832	113	0.583	158	0.266	203	0.263	248	0.591	293	0.841	338	0.994
24	0.994	69	0.823	114	0.575	159	0.269	204	0.261	249	0.599	294	0.851	339	0.994
25	0.994	70	0.815	115	0.568	160	0.273	205	0.260	250	0.607	295	0.860	340	0.994
26	0.994	71	0.808	116	0.561	161	0.277	206	0.260	251	0.615	296	0.870	341	0.995
27	0.995	72	0.800	117	0.553	162	0.281	207	0.261	252	0.624	297	0.879	342	0.995
28	0.995	73	0.794	118	0.546	163	0.286	208	0.262	253	0.632	298	0.889	343	0.995
29	0.995	74	0.788	119	0.539	164	0.291	209	0.265	254	0.641	299	0.898	344	0.996
30	0.995	75	0.783	120	0.532	165	0.297	210	0.269	255	0.649	300	0.907	345	0.996
31	0.996	76	0.778	121	0.524	166	0.302	211	0.273	256	0.658	301	0.916	346	0.996
32	0.996	77	0.774	122	0.517	167	0.307	212	0.278	257	0.666	302	0.924	347	0.997
33	0.996	78	0.771	123	0.509	168	0.312	213	0.285	258	0.674	303	0.932	348	0.997
34	0.996	79	0.768	124	0.501	169	0.317	214	0.292	259	0.682	304	0.940	349	0.997
35	0.997	80	0.765	125	0.493	170	0.322	215	0.299	260	0.690	305	0.947	350	0.998
36	0.997	81	0.763	126	0.485	171	0.326	216	0.307	261	0.697	306	0.954	351	0.998
37	0.997	82	0.761	127	0.476	172	0.330	217	0.316	262	0.704	307	0.960	352	0.999
38	0.997	83	0.759	128	0.467	173	0.334	218	0.326	263	0.711	308	0.965	353	0.999
39	0.997	84	0.758	129	0.458	174	0.337	219	0.335	264	0.717	309	0.970	354	0.999
40	0.996	85	0.756	130	0.448	175	0.340	220	0.345	265	0.723	310	0.975	355	0.999
41	0.996	86	0.754	131	0.438	176	0.342	221	0.356	266	0.728	311	0.979	356	1.000
42	0.995	87	0.752	132	0.428	177	0.344	222	0.366	267	0.733	312	0.982	357	1.000
43	0.994	88	0.750	133	0.418	178	0.345	223	0.377	268	0.737	313	0.985	358	1.000
44	0.992	89	0.747	134	0.407	179	0.346	224	0.388	269	0.741	314	0.988	359	1.000



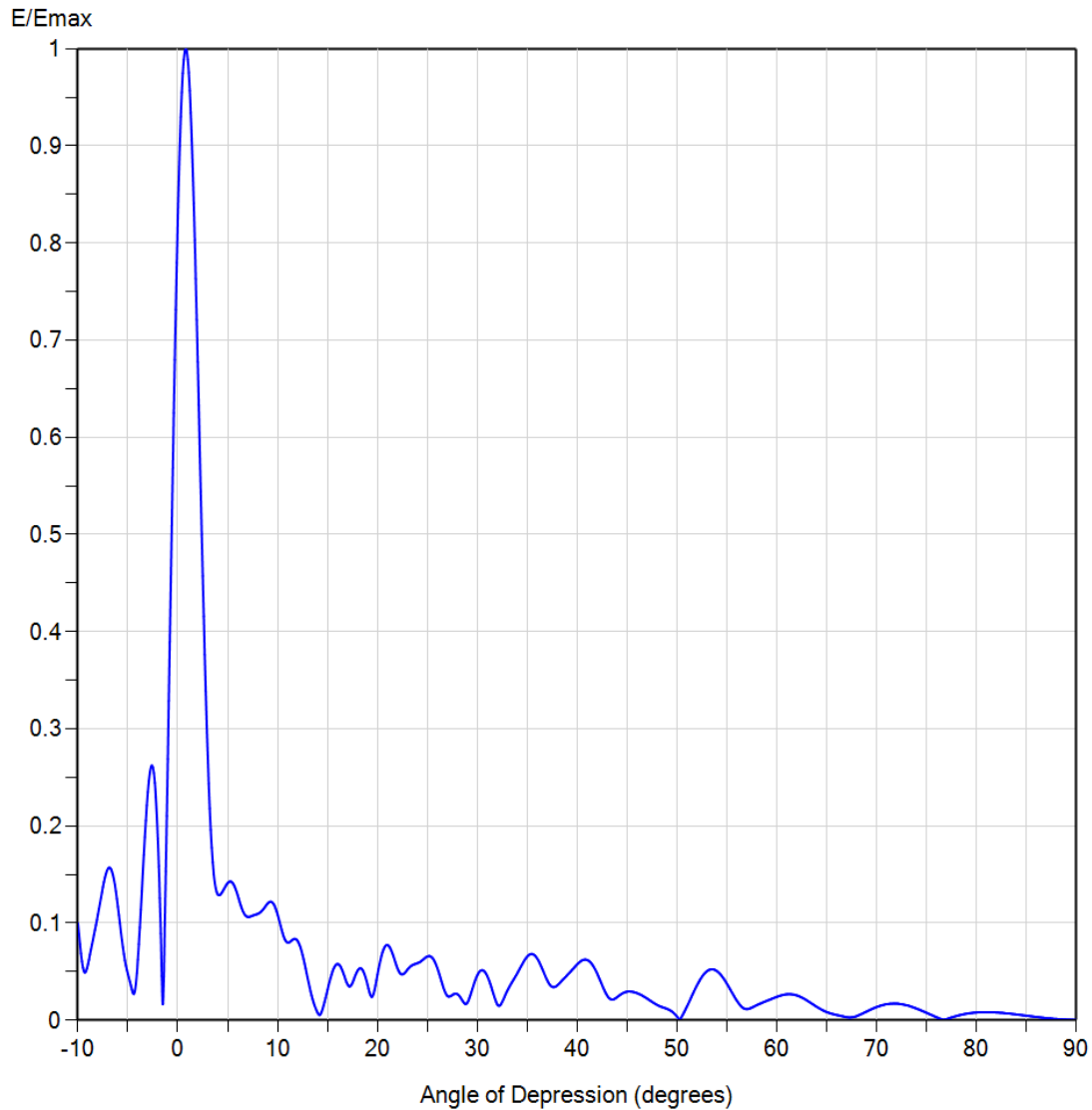
## Elevation Pattern



Model:	SAA26-KSTR-G300-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 20, 2017	Azimuth Angle:	359 degrees



## Elevation Pattern



Model:	SAA26-KSTR-G300-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 20, 2017	Azimuth Angle:	359 degrees



Model: **SAA26-KSTR-G300-ET6R-3433**  
Location:  
Customer:  
Date: **September 20, 2017**

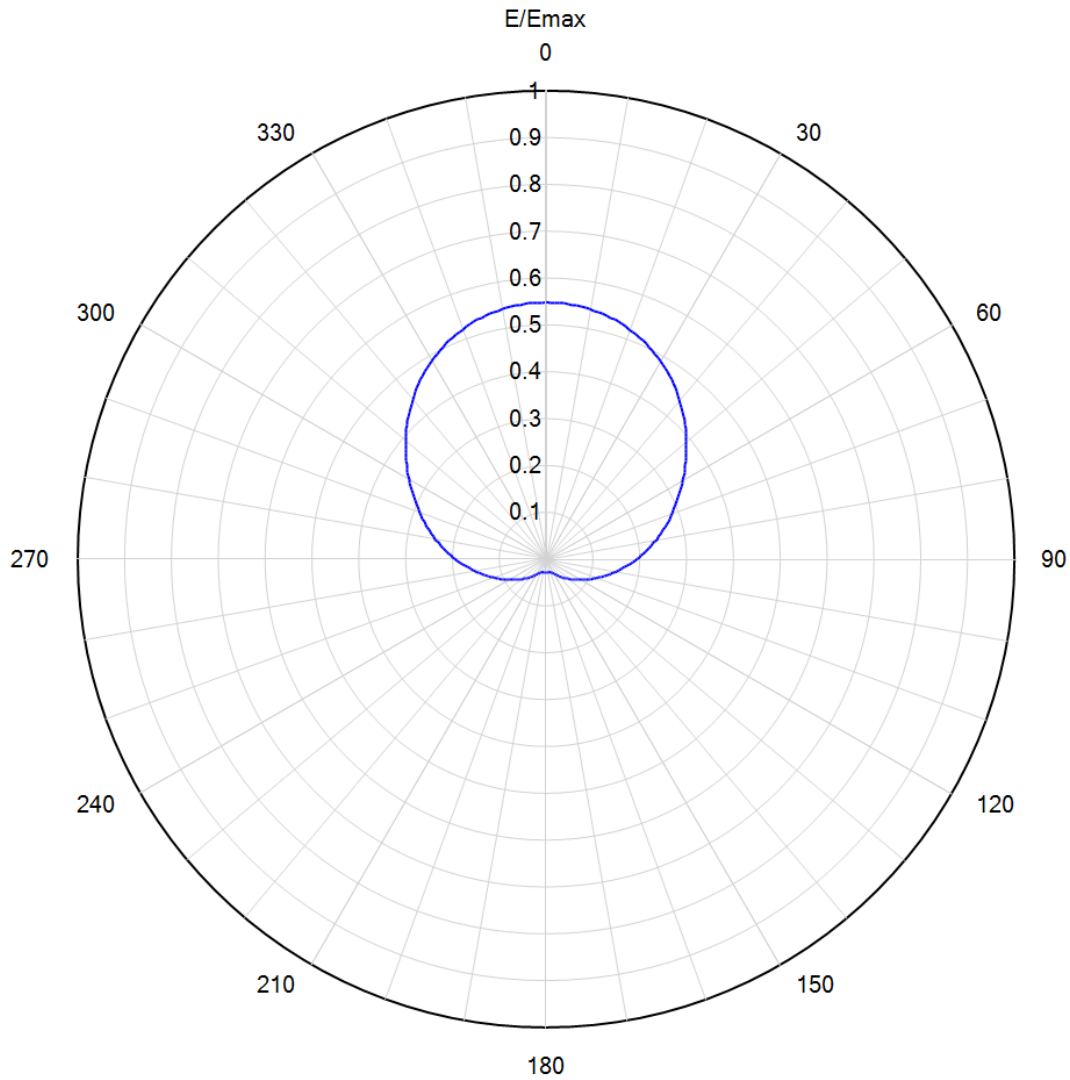
Polarization: **Horizontal**  
Frequency (MHz): **593.00**  
Directivity (Main Lobe): **25.5 (14.07 dB)**  
Directivity (At Horizon): **17.3 (12.39 dB)**  
Beam Tilt: **0.75 degrees**

### 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-G300-ET6R-3433

Location:

Customer:

Date: September 20, 2017

Rotation Angle: 0 degrees

Note: Pattern Tolerance +/-5% of Emax

Polarization: Vertical

Frequency: 593.00 MHz

Directivity: 3.3 (5.14 dB)

Elevation Angle: 0.75 degrees

Horizontal Unit Pattern:

File = kstr-hrp-vp.pat



Model: **SAA26-KSTR-G300-ET6R-3433**  
Location:  
Customer:  
Date: **September 20, 2017**

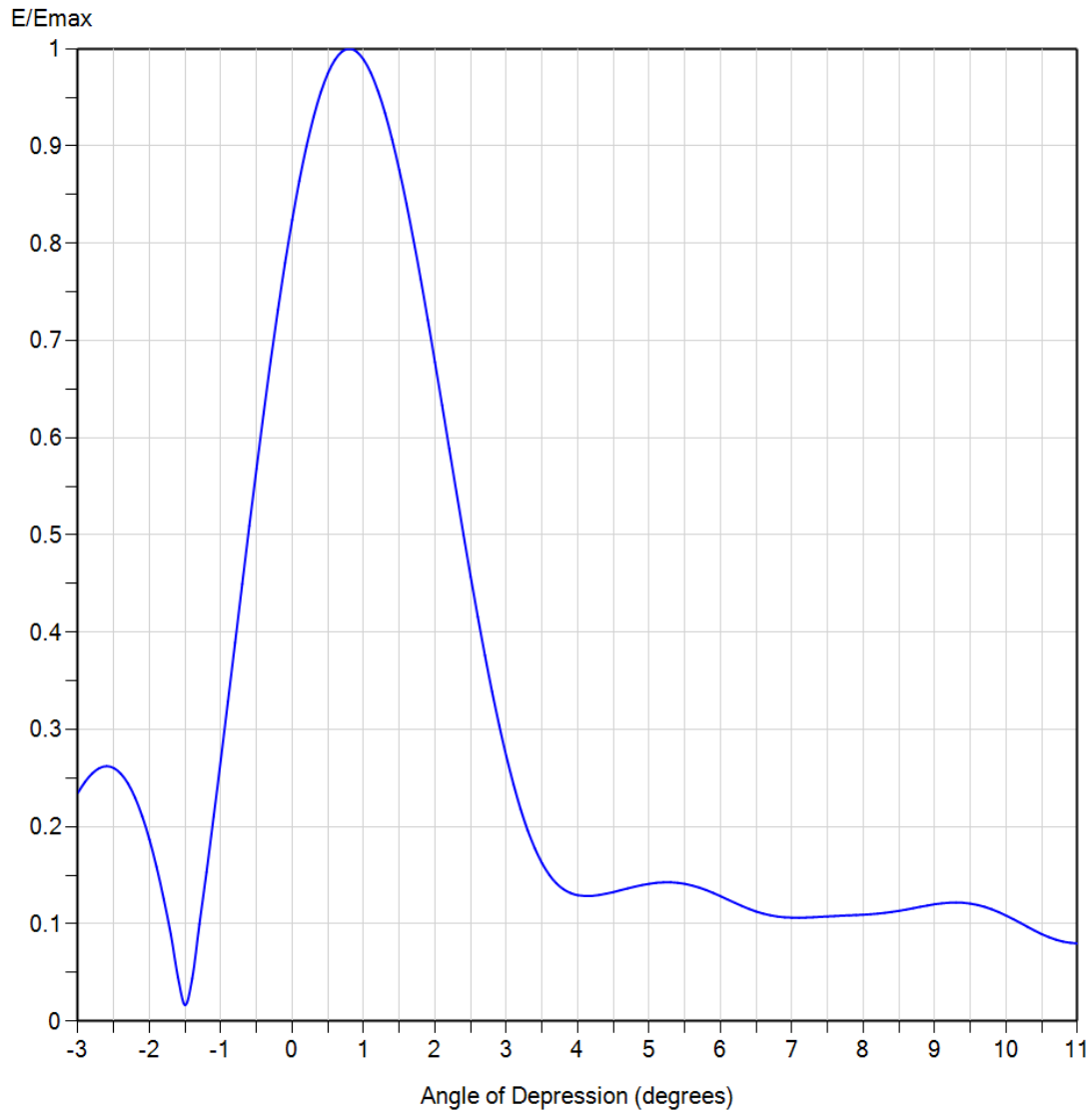
Polarization: **Vertical**  
Frequency (MHz): **593.00**  
Directivity: **3.3 (5.14 dB)**  
Elevation Angle: **0.75 degrees**  
Rotation Angle: **0 degrees**

**TABULATED AZIMUTH PATTERN**

Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field
0	1.000	45	0.763	90	0.355	135	0.107	180	0.055	225	0.107	270	0.355	315	0.763
1	1.000	46	0.753	91	0.347	136	0.104	181	0.055	226	0.110	271	0.363	316	0.773
2	1.000	47	0.744	92	0.339	137	0.101	182	0.055	227	0.113	272	0.371	317	0.782
3	0.999	48	0.734	93	0.331	138	0.098	183	0.055	228	0.117	273	0.379	318	0.791
4	0.998	49	0.724	94	0.324	139	0.095	184	0.054	229	0.120	274	0.387	319	0.801
5	0.997	50	0.714	95	0.316	140	0.093	185	0.054	230	0.123	275	0.395	320	0.810
6	0.996	51	0.704	96	0.308	141	0.090	186	0.054	231	0.127	276	0.404	321	0.819
7	0.994	52	0.694	97	0.301	142	0.087	187	0.054	232	0.131	277	0.412	322	0.828
8	0.993	53	0.685	98	0.294	143	0.085	188	0.054	233	0.134	278	0.420	323	0.837
9	0.991	54	0.675	99	0.287	144	0.082	189	0.053	234	0.138	279	0.429	324	0.845
10	0.988	55	0.665	100	0.279	145	0.080	190	0.053	235	0.142	280	0.437	325	0.854
11	0.986	56	0.655	101	0.272	146	0.077	191	0.053	236	0.146	281	0.446	326	0.862
12	0.983	57	0.645	102	0.266	147	0.075	192	0.053	237	0.150	282	0.454	327	0.870
13	0.980	58	0.636	103	0.259	148	0.073	193	0.053	238	0.154	283	0.463	328	0.878
14	0.977	59	0.626	104	0.252	149	0.071	194	0.053	239	0.159	284	0.471	329	0.885
15	0.974	60	0.617	105	0.246	150	0.069	195	0.053	240	0.163	285	0.480	330	0.893
16	0.970	61	0.607	106	0.239	151	0.067	196	0.053	241	0.168	286	0.489	331	0.900
17	0.966	62	0.598	107	0.233	152	0.065	197	0.053	242	0.173	287	0.497	332	0.907
18	0.962	63	0.588	108	0.227	153	0.063	198	0.054	243	0.177	288	0.506	333	0.913
19	0.958	64	0.579	109	0.221	154	0.062	199	0.054	244	0.182	289	0.515	334	0.920
20	0.953	65	0.570	110	0.215	155	0.060	200	0.055	245	0.187	290	0.524	335	0.926
21	0.948	66	0.560	111	0.209	156	0.059	201	0.056	246	0.193	291	0.533	336	0.932
22	0.943	67	0.551	112	0.204	157	0.058	202	0.056	247	0.198	292	0.542	337	0.937
23	0.937	68	0.542	113	0.198	158	0.057	203	0.058	248	0.203	293	0.551	338	0.943
24	0.932	69	0.533	114	0.193	159	0.056	204	0.059	249	0.209	294	0.560	339	0.948
25	0.926	70	0.524	115	0.188	160	0.055	205	0.060	250	0.215	295	0.569	340	0.953
26	0.920	71	0.515	116	0.182	161	0.054	206	0.062	251	0.221	296	0.579	341	0.958
27	0.913	72	0.506	117	0.177	162	0.054	207	0.063	252	0.227	297	0.588	342	0.962
28	0.907	73	0.497	118	0.173	163	0.053	208	0.065	253	0.233	298	0.597	343	0.966
29	0.900	74	0.489	119	0.168	164	0.053	209	0.067	254	0.239	299	0.607	344	0.970
30	0.893	75	0.480	120	0.163	165	0.053	210	0.069	255	0.246	300	0.616	345	0.974
31	0.885	76	0.471	121	0.159	166	0.053	211	0.071	256	0.252	301	0.626	346	0.977
32	0.878	77	0.463	122	0.155	167	0.053	212	0.073	257	0.259	302	0.636	347	0.980
33	0.870	78	0.454	123	0.150	168	0.053	213	0.075	258	0.265	303	0.645	348	0.983
34	0.862	79	0.446	124	0.146	169	0.053	214	0.077	259	0.272	304	0.655	349	0.986
35	0.854	80	0.437	125	0.142	170	0.053	215	0.080	260	0.279	305	0.665	350	0.988
36	0.845	81	0.429	126	0.138	171	0.053	216	0.082	261	0.286	306	0.675	351	0.991
37	0.837	82	0.420	127	0.134	172	0.054	217	0.085	262	0.294	307	0.685	352	0.993
38	0.828	83	0.412	128	0.131	173	0.054	218	0.087	263	0.301	308	0.694	353	0.994
39	0.819	84	0.404	129	0.127	174	0.054	219	0.090	264	0.308	309	0.704	354	0.996
40	0.810	85	0.395	130	0.124	175	0.054	220	0.092	265	0.316	310	0.714	355	0.997
41	0.801	86	0.387	131	0.120	176	0.054	221	0.095	266	0.324	311	0.724	356	0.998
42	0.792	87	0.379	132	0.117	177	0.055	222	0.098	267	0.331	312	0.734	357	0.999
43	0.782	88	0.371	133	0.114	178	0.055	223	0.101	268	0.339	313	0.744	358	1.000
44	0.773	89	0.363	134	0.110	179	0.055	224	0.104	269	0.347	314	0.753	359	1.000



## Elevation Pattern

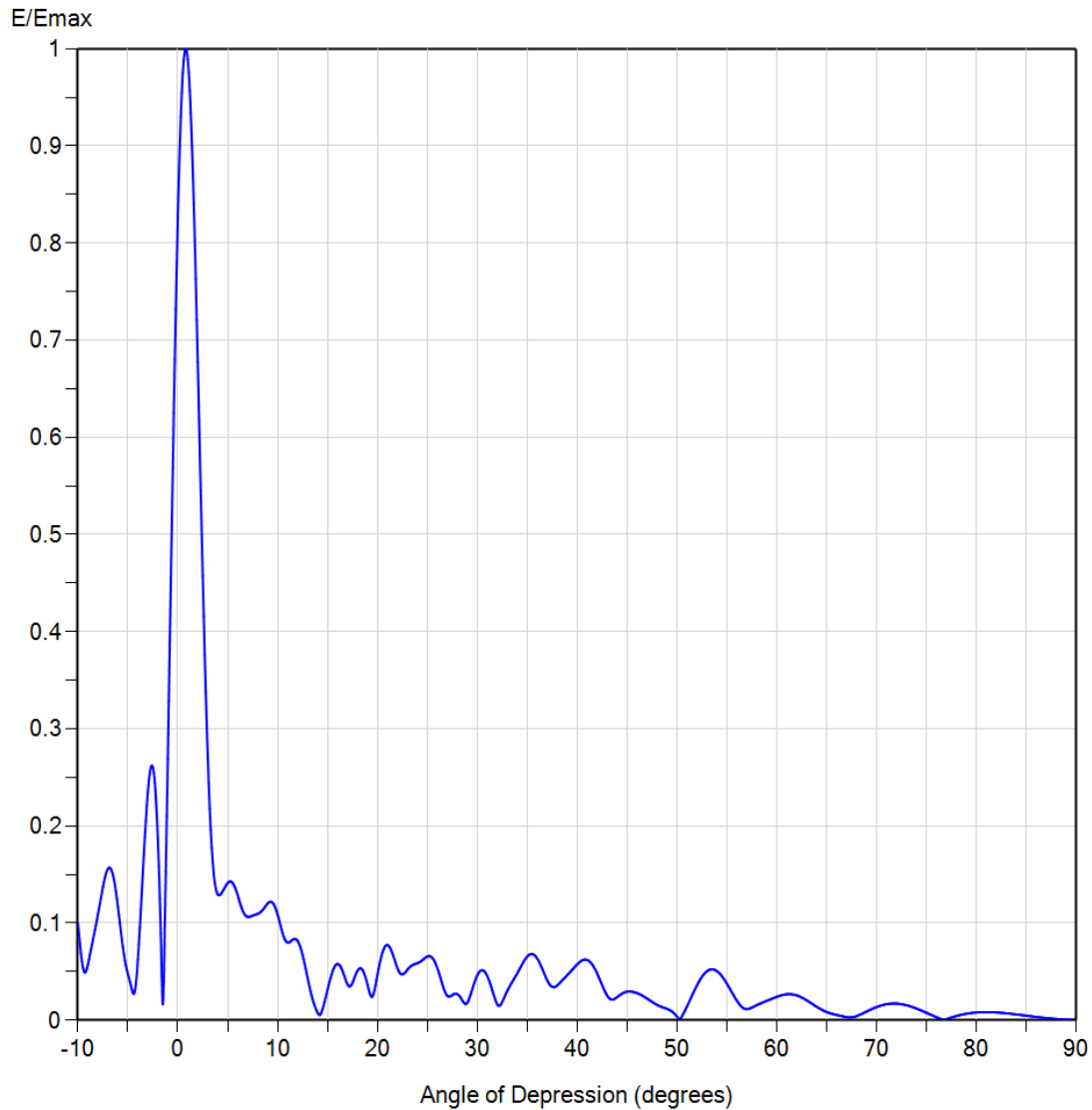


Model:	SAA26-KSTR-G300-ET6R-3433	Frequency:	593.00 MHz
Polarization:	<u>Vertical</u>	Directivity (Main Lobe):	25.5 (14.07 dBd)
Location:		Directivity (At Horizon):	17.3 (12.39 dBd)
Customer:		Beam Tilt:	0.75 degrees
Date:	September 20, 2017	Azimuth Angle:	0 degrees





## Elevation Pattern



Model:	SAA26-KSTR-G300-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 20, 2017	Azimuth Angle:	0 degrees



Model: **SAA26-KSTR-G300-ET6R-3433**  
Location:  
Customer:  
Date: **September 20, 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		