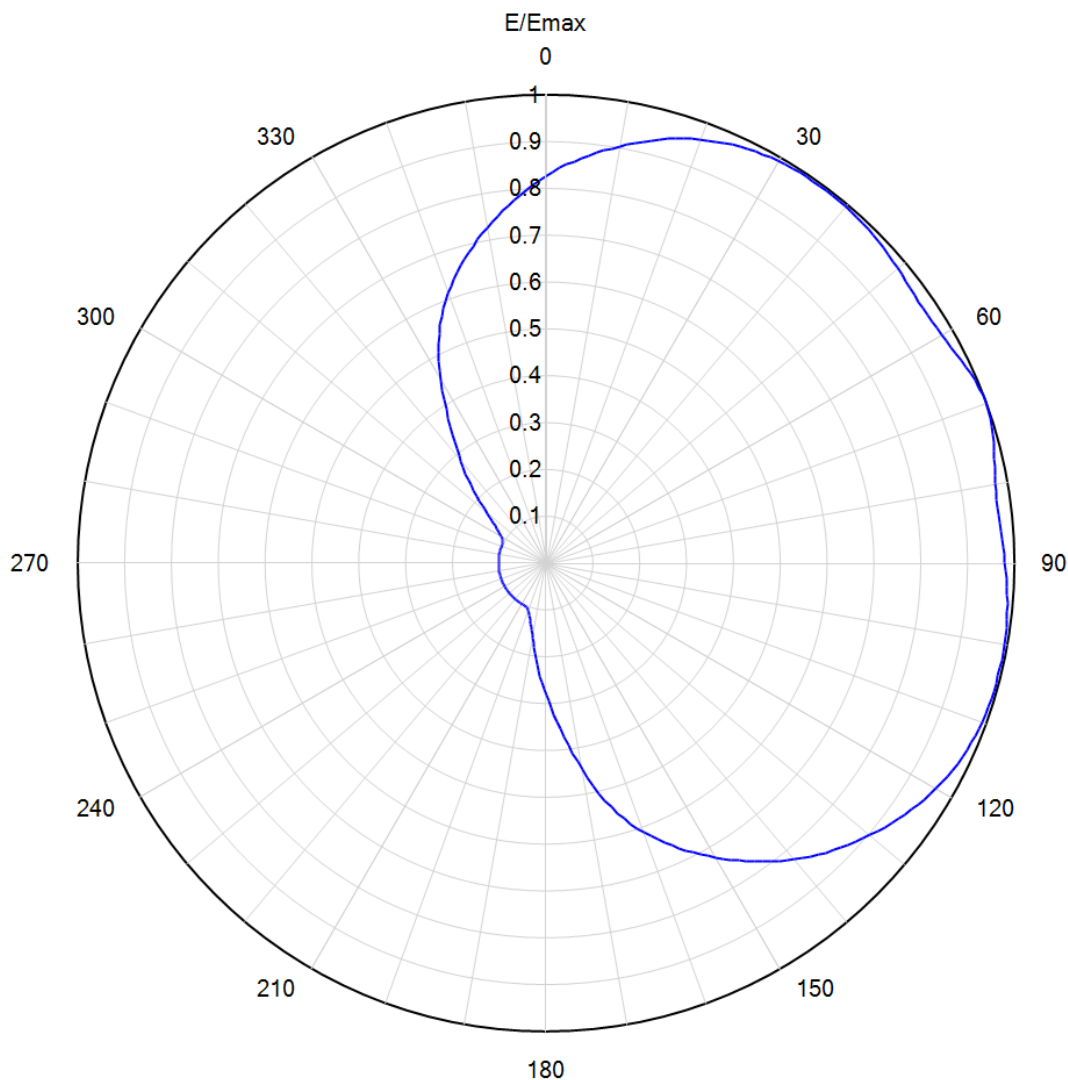




Azimuth Pattern



Model: RD-08RFS(R)-500626-SL

Location: Tucson

Customer: Univision

Date: June 28, 2017

Rotation Angle: 70 degrees

Note: Pattern Tolerance +/-5% of Emax

Polarisation: Horizontal

Frequency: 605.00 MHz

Directivity: 2.2 (3.48 dB)

Elevation Angle: 1.50 degrees

Horizontal Unit Pattern:

File = Wide Cardioid-RFS(R).pat



Model: **RD-08RFS(R)-500626-SL**
Location: **Tucson**
Customer: **Univision**
Date: **June 28, 2017**

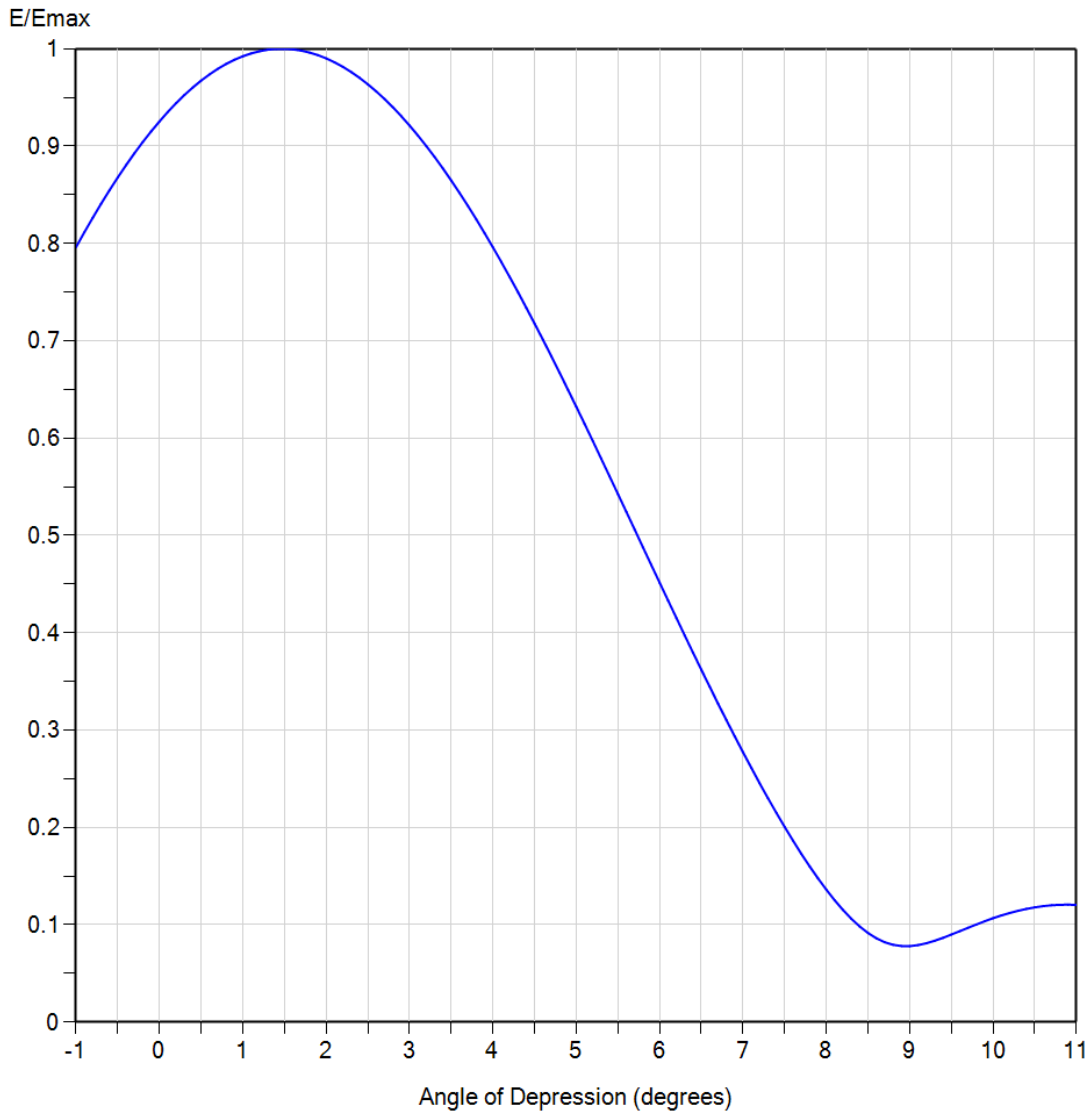
Polarization: **Horizontal**
Frequency (MHz): **605.00**
Directivity: **2.2 (3.48 dB)**
Elevation Angle: **1.50 degrees**
Rotation Angle: **70 degrees**

TABULATED AZIMUTH PATTERN

Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field	Angl	Field
0	0.826	45	0.989	90	0.980	135	0.868	180	0.282	225	0.102	270	0.102	315	0.218
1	0.835	46	0.987	91	0.982	136	0.860	181	0.269	226	0.102	271	0.102	316	0.231
2	0.844	47	0.985	92	0.984	137	0.852	182	0.256	227	0.102	272	0.102	317	0.243
3	0.852	48	0.984	93	0.985	138	0.844	183	0.243	228	0.102	273	0.102	318	0.256
4	0.860	49	0.982	94	0.987	139	0.835	184	0.231	229	0.102	274	0.102	319	0.269
5	0.868	50	0.980	95	0.989	140	0.826	185	0.218	230	0.102	275	0.102	320	0.282
6	0.875	51	0.978	96	0.990	141	0.817	186	0.206	231	0.102	276	0.102	321	0.295
7	0.882	52	0.976	97	0.991	142	0.807	187	0.195	232	0.102	277	0.102	322	0.309
8	0.889	53	0.974	98	0.992	143	0.797	188	0.184	233	0.102	278	0.102	323	0.324
9	0.896	54	0.973	99	0.993	144	0.787	189	0.173	234	0.102	279	0.102	324	0.339
10	0.903	55	0.972	100	0.994	145	0.777	190	0.164	235	0.102	280	0.102	325	0.356
11	0.910	56	0.971	101	0.994	146	0.767	191	0.155	236	0.102	281	0.102	326	0.373
12	0.917	57	0.971	102	0.994	147	0.757	192	0.147	237	0.102	282	0.102	327	0.391
13	0.923	58	0.972	103	0.995	148	0.747	193	0.140	238	0.102	283	0.102	328	0.410
14	0.929	59	0.973	104	0.995	149	0.736	194	0.134	239	0.102	284	0.102	329	0.429
15	0.936	60	0.974	105	0.995	150	0.726	195	0.129	240	0.102	285	0.102	330	0.449
16	0.942	61	0.977	106	0.994	151	0.715	196	0.124	241	0.102	286	0.102	331	0.468
17	0.947	62	0.979	107	0.994	152	0.705	197	0.120	242	0.102	287	0.102	332	0.487
18	0.953	63	0.983	108	0.993	153	0.694	198	0.116	243	0.102	288	0.102	333	0.505
19	0.958	64	0.986	109	0.992	154	0.683	199	0.112	244	0.102	289	0.102	334	0.523
20	0.962	65	0.990	110	0.991	155	0.672	200	0.110	245	0.102	290	0.102	335	0.540
21	0.967	66	0.993	111	0.990	156	0.660	201	0.107	246	0.102	291	0.102	336	0.556
22	0.971	67	0.996	112	0.988	157	0.649	202	0.105	247	0.102	292	0.102	337	0.571
23	0.974	68	0.998	113	0.986	158	0.637	203	0.104	248	0.102	293	0.102	338	0.586
24	0.978	69	1.000	114	0.983	159	0.625	204	0.103	249	0.102	294	0.102	339	0.599
25	0.981	70	1.000	115	0.981	160	0.612	205	0.102	250	0.102	295	0.102	340	0.612
26	0.983	71	1.000	116	0.978	161	0.599	206	0.102	251	0.102	296	0.103	341	0.625
27	0.986	72	0.998	117	0.974	162	0.586	207	0.102	252	0.102	297	0.104	342	0.637
28	0.988	73	0.996	118	0.971	163	0.571	208	0.102	253	0.102	298	0.105	343	0.649
29	0.990	74	0.993	119	0.967	164	0.556	209	0.102	254	0.102	299	0.107	344	0.660
30	0.991	75	0.990	120	0.962	165	0.540	210	0.102	255	0.102	300	0.110	345	0.672
31	0.992	76	0.986	121	0.958	166	0.523	211	0.102	256	0.102	301	0.112	346	0.683
32	0.993	77	0.983	122	0.953	167	0.505	212	0.102	257	0.102	302	0.116	347	0.694
33	0.994	78	0.979	123	0.947	168	0.487	213	0.102	258	0.102	303	0.120	348	0.705
34	0.994	79	0.977	124	0.942	169	0.468	214	0.102	259	0.102	304	0.124	349	0.715
35	0.995	80	0.974	125	0.936	170	0.449	215	0.102	260	0.102	305	0.129	350	0.726
36	0.995	81	0.973	126	0.929	171	0.429	216	0.102	261	0.102	306	0.134	351	0.736
37	0.995	82	0.972	127	0.923	172	0.410	217	0.102	262	0.102	307	0.140	352	0.747
38	0.994	83	0.971	128	0.917	173	0.391	218	0.102	263	0.102	308	0.147	353	0.757
39	0.994	84	0.971	129	0.910	174	0.373	219	0.102	264	0.102	309	0.155	354	0.767
40	0.994	85	0.972	130	0.903	175	0.356	220	0.102	265	0.102	310	0.164	355	0.777
41	0.993	86	0.973	131	0.896	176	0.339	221	0.102	266	0.102	311	0.173	356	0.787
42	0.992	87	0.974	132	0.889	177	0.324	222	0.102	267	0.102	312	0.184	357	0.797
43	0.991	88	0.976	133	0.882	178	0.309	223	0.102	268	0.102	313	0.195	358	0.807
44	0.990	89	0.978	134	0.875	179	0.295	224	0.102	269	0.102	314	0.206	359	0.817



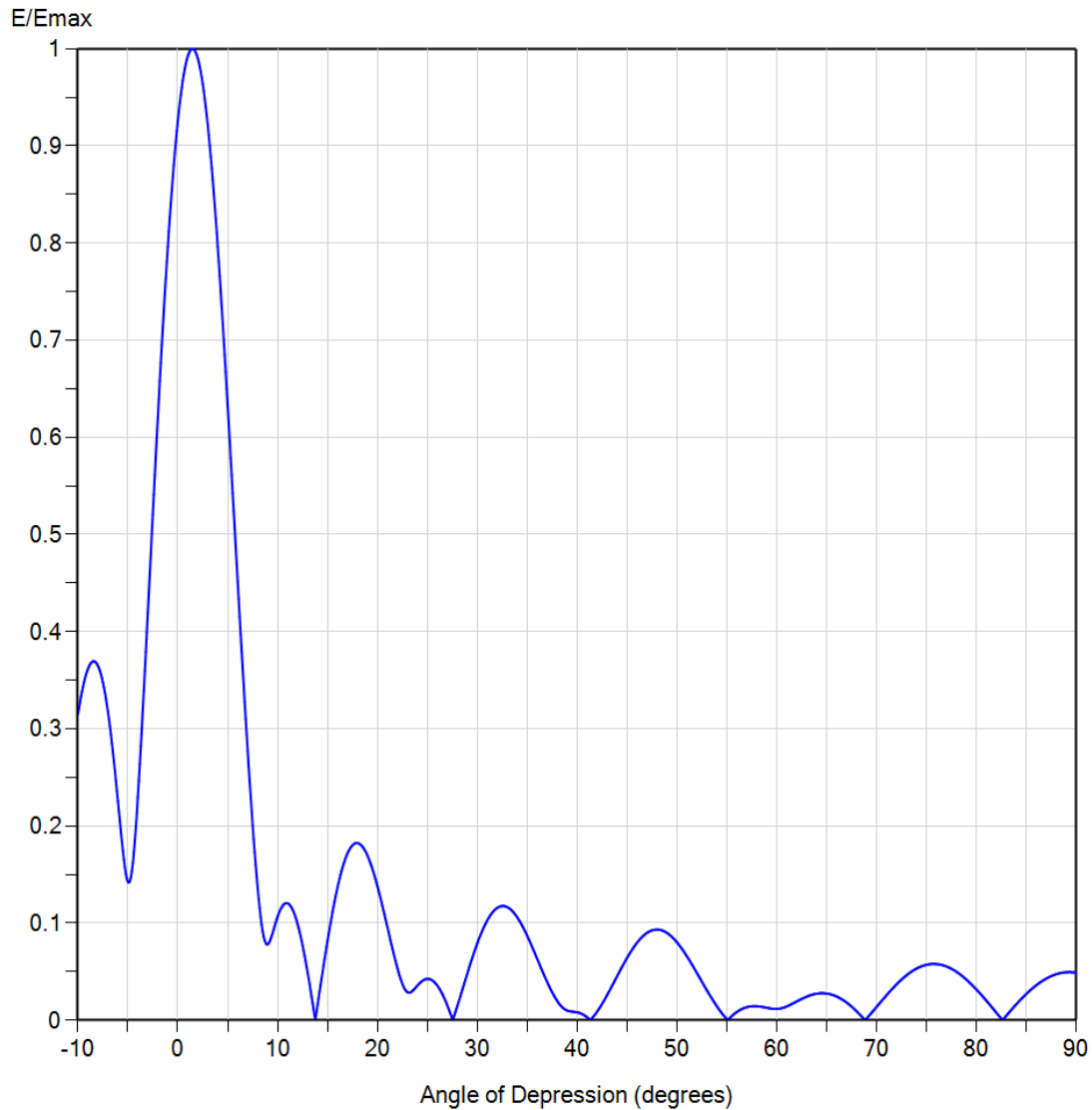
Elevation Pattern



Model:	RD-08RFS(R)-500626-SL	Frequency:	605.00 MHz
Polarisation:	<u>Horizontal</u>	Directivity (Main Lobe):	9.6 (9.81 dBd)
Location:	Tucson	Directivity (At Horizon):	8.2 (9.14 dBd)
Customer:	Univision	Beam Tilt:	1.50 degrees
Date:	June 28, 2017	Azimuth Angle:	70 degrees



Elevation Pattern



Model:	RD-08RFS(R)-500626-SL	Frequency:	605.00 MHz
Polarisation:	<u>Horizontal</u>	Directivity (Main Lobe):	9.6 (9.81 dBd)
Location:	Tucson	Directivity (At Horizon):	8.2 (9.14 dBd)
Customer:	Univision	Beam Tilt:	1.50 degrees
Date:	June 28, 2017	Azimuth Angle:	70 degrees



Model: **RD-08RFS(R)-500626-SL**
Location: **Tucson**
Customer: **Univision**
Date: **June 28, 2017**

Polarization: **Horizontal**
Frequency (MHz): **605.00**
Directivity (Main Lobe): **9.6 (9.81 dB)**
Directivity (At Horizon): **8.2 (9.14 dB)**
Beam Tilt: **1.50 degrees**

TABULATED ELEVATION PATTERN

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.315	2.4	0.970	10.6	0.119	30.5	0.092	51.0	0.066	71.5	0.032
-9.5	0.343	2.6	0.956	10.8	0.120	31.0	0.103	51.5	0.057	72.0	0.037
-9.0	0.362	2.8	0.940	11.0	0.120	31.5	0.111	52.0	0.048	72.5	0.042
-8.5	0.369	3.0	0.921	11.5	0.114	32.0	0.116	52.5	0.039	73.0	0.046
-8.0	0.365	3.2	0.900	12.0	0.099	32.5	0.118	53.0	0.031	73.5	0.050
-7.5	0.348	3.4	0.877	12.5	0.077	33.0	0.116	53.5	0.022	74.0	0.053
-7.0	0.318	3.6	0.852	13.0	0.049	33.5	0.112	54.0	0.014	74.5	0.056
-6.5	0.276	3.8	0.825	13.5	0.018	34.0	0.106	54.5	0.007	75.0	0.057
-6.0	0.226	4.0	0.796	14.0	0.016	34.5	0.097	55.0	0.001	75.5	0.058
-5.5	0.174	4.2	0.766	14.5	0.050	35.0	0.087	55.5	0.004	76.0	0.058
-5.0	0.143	4.4	0.734	15.0	0.082	35.5	0.075	56.0	0.009	76.5	0.057
-4.5	0.162	4.6	0.701	15.5	0.111	36.0	0.063	56.5	0.012	77.0	0.055
-4.0	0.230	4.8	0.667	16.0	0.137	36.5	0.051	57.0	0.013	77.5	0.053
-3.5	0.320	5.0	0.632	16.5	0.157	37.0	0.039	57.5	0.014	78.0	0.050
-3.0	0.419	5.2	0.597	17.0	0.172	37.5	0.029	58.0	0.014	78.5	0.046
-2.8	0.460	5.4	0.561	17.5	0.180	38.0	0.020	58.5	0.014	79.0	0.042
-2.6	0.501	5.6	0.524	18.0	0.182	38.5	0.013	59.0	0.013	79.5	0.037
-2.4	0.541	5.8	0.488	18.5	0.179	39.0	0.010	59.5	0.012	80.0	0.031
-2.2	0.581	6.0	0.451	19.0	0.169	39.5	0.009	60.0	0.012	80.5	0.026
-2.0	0.620	6.2	0.415	19.5	0.155	40.0	0.008	60.5	0.012	81.0	0.020
-1.8	0.658	6.4	0.380	20.0	0.138	40.5	0.006	61.0	0.014	81.5	0.014
-1.6	0.695	6.6	0.345	20.5	0.117	41.0	0.003	61.5	0.017	82.0	0.007
-1.4	0.730	6.8	0.310	21.0	0.096	41.5	0.002	62.0	0.019	82.5	0.001
-1.2	0.764	7.0	0.277	21.5	0.074	42.0	0.009	62.5	0.022	83.0	0.005
-1.0	0.796	7.2	0.245	22.0	0.053	42.5	0.017	63.0	0.024	83.5	0.011
-0.8	0.826	7.4	0.215	22.5	0.037	43.0	0.026	63.5	0.026	84.0	0.017
-0.6	0.855	7.6	0.186	23.0	0.029	43.5	0.036	64.0	0.027	84.5	0.022
-0.4	0.881	7.8	0.160	23.5	0.030	44.0	0.045	64.5	0.028	85.0	0.027
-0.2	0.904	8.0	0.136	24.0	0.036	44.5	0.055	65.0	0.027	85.5	0.032
0.0	0.925	8.2	0.115	24.5	0.041	45.0	0.064	65.5	0.026	86.0	0.036
0.2	0.944	8.4	0.098	25.0	0.043	45.5	0.073	66.0	0.024	86.5	0.040
0.4	0.960	8.6	0.086	25.5	0.041	46.0	0.080	66.5	0.022	87.0	0.043
0.6	0.974	8.8	0.079	26.0	0.036	46.5	0.086	67.0	0.018	87.5	0.046
0.8	0.984	9.0	0.078	26.5	0.027	47.0	0.090	67.5	0.014	88.0	0.047
1.0	0.992	9.2	0.081	27.0	0.015	47.5	0.093	68.0	0.009	88.5	0.049
1.2	0.998	9.4	0.087	27.5	0.001	48.0	0.093	68.5	0.004	89.0	0.049
1.4	1.000	9.6	0.093	28.0	0.015	48.5	0.092	69.0	0.002	89.5	0.049
1.6	0.999	9.8	0.100	28.5	0.031	49.0	0.090	69.5	0.008	90.0	0.000
1.8	0.996	10.0	0.107	29.0	0.048	49.5	0.086	70.0	0.014		
2.0	0.990	10.2	0.112	29.5	0.064	50.0	0.080	70.5	0.020		
2.2	0.982	10.4	0.116	30.0	0.079	50.5	0.073	71.0	0.026		