

Exhibit 40 - Statement A
NATURE OF THE PROPOSAL
PROPOSED ANTENNA SYSTEM
prepared for
Multimedia Holdings Corporation
KUSA-DT Denver, Colorado
Facility ID 23074
Ch. 16 1000 kW 318 m

Multimedia Holdings Corporation (“*Multimedia*”) is the licensee of the analog television station KUSA-TV Channel 9, Denver, Colorado (BLCT-19900801KF). *Multimedia* has a construction permit for the paired digital television facility, KUSA-DT, Channel 16, Denver, Colorado (file number BPCDT-19980731LH). It has an application to modify the construction permit (file number BMPCDT-20000501ADN) which was returned to pending status on February 12, 2001 upon rescission of grant of a modified permit. The instant amendment revises the pending application to specify a new, nearby location which is the proposed “Lake Cedar Group” (“LCG”) shared antenna and antenna support structure facility.

The proposed KUSA-DT antenna system will be side-mounted on a new, authorized antenna supporting structure, bearing FCC Antenna Structure Registration number 1058328. This site will be the proposed antenna supporting structure for various other LCG member stations.¹

The proposed transmitting antenna, a *Dielectric* model TUA-C3-16/48U-1-S is directional in the horizontal plane. This antenna will employ 1.0 degree of electrical beam tilt. The maximum ERP will be 1000 kilowatts, horizontally polarized. The antenna system will be installed in accordance with the manufacturer’s instructions. Said installation will be supervised on-site by a competent technical representative of the applicant. The antenna’s horizontal plane pattern, properly oriented relative to True North and expressed in terms of relative field and power, is supplied as **Exhibit 40 - Figure 1**. **Exhibit 40 - Table 1** provides a tabulation of the antenna’s horizontal plane, relative field pattern.² **Exhibit 40 - Figures 2 and 2A** present the theoretical vertical plane (elevation) pattern for the antenna system.

¹ Stations KCNC (TV Ch. 4, DTV Ch. 35, Denver, CO), KRMA (TV Ch. 6, DTV Ch. 18, Denver, CO); KMGH (TV Ch. 7, DTV Ch. 17, Denver, CO) and KTVD (TV Ch. 20, DTV Ch. 19, Denver, CO) are expected to all move to the instantly proposed antenna support structure.

² Exhibit 40 - Table I is supplied to supplement the FCC Form’s “Tech Box” Item 11(e) due to the number of additional pertinent azimuths.

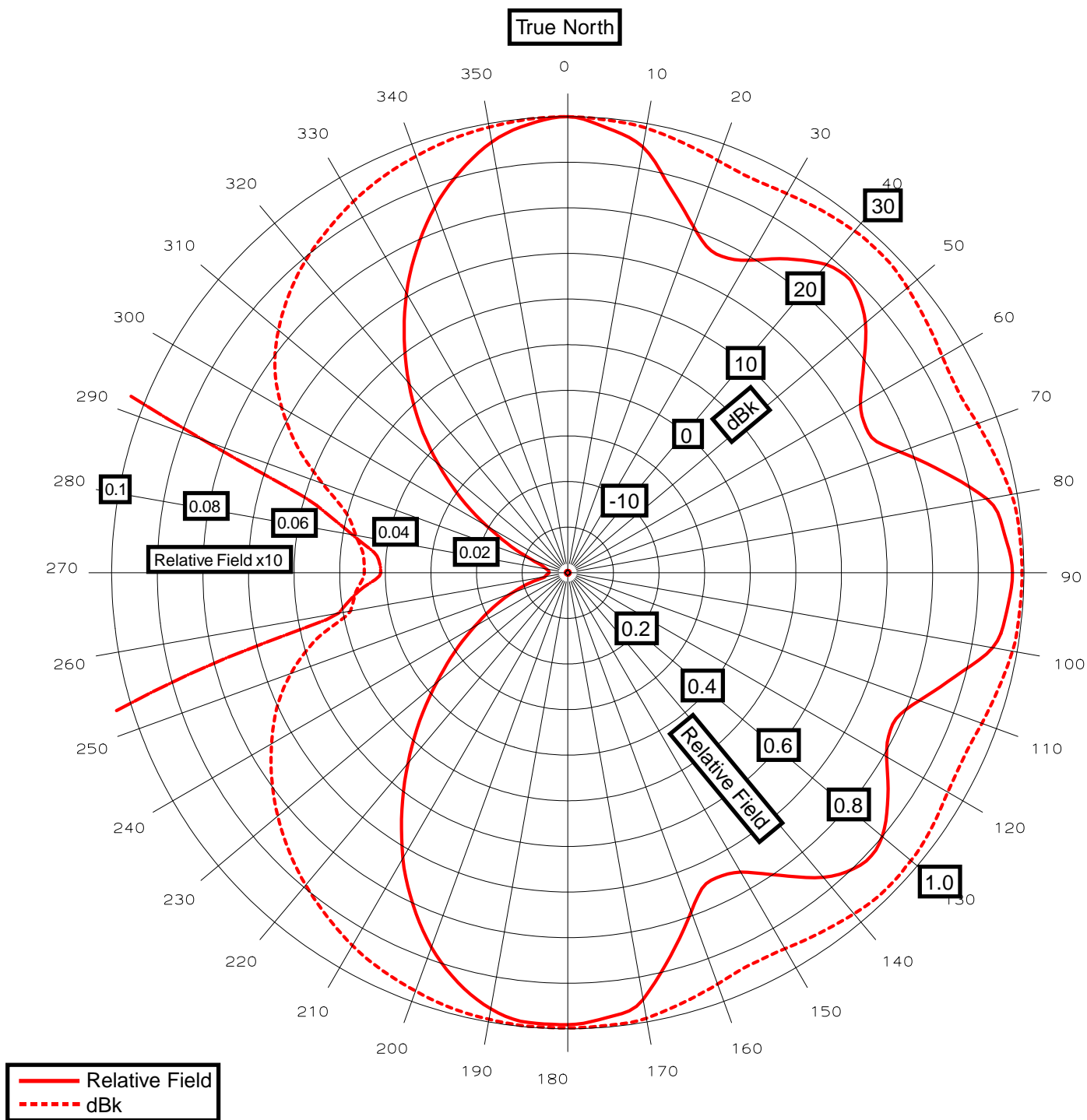


FIGURE 1 **HORIZONTAL PLANE RADIATION PATTERN**

prepared August 2002 for
Multimedia Holdings Corporation
 KUSA-DT Denver, Colorado
 Facility ID 23074
 Ch. 16 1000 kW 318 m

Cavell, Mertz & Davis, Inc.
 Manassas, Virginia

TABLE I
TABULATION OF HORIZONTAL PLANE RADIATION PATTERN



Proposal Number
Date **25 Apr 2002**
Call Letters **KUSA-DT** Channel **16**
Location **Denver, CO**
Customer
Antenna Type **TUA-C3-16/48U-1-S**

TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing # **TUA-C3**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	1.000	45	0.888	90	0.975	135	0.907	180	0.991	225	0.459	270	0.041	315	0.458
1	0.996	46	0.885	91	0.973	136	0.904	181	0.991	226	0.442	271	0.041	316	0.475
2	0.991	47	0.879	92	0.971	137	0.898	182	0.991	227	0.426	272	0.042	317	0.492
3	0.987	48	0.872	93	0.969	138	0.891	183	0.990	228	0.409	273	0.042	318	0.508
4	0.983	49	0.863	94	0.967	139	0.882	184	0.990	229	0.393	274	0.042	319	0.525
5	0.979	50	0.852	95	0.966	140	0.872	185	0.990	230	0.376	275	0.042	320	0.542
6	0.971	51	0.842	96	0.960	141	0.861	186	0.986	231	0.361	276	0.043	321	0.558
7	0.964	52	0.831	97	0.955	142	0.849	187	0.982	232	0.347	277	0.045	322	0.575
8	0.958	53	0.818	98	0.951	143	0.837	188	0.979	233	0.332	278	0.046	323	0.592
9	0.952	54	0.805	99	0.948	144	0.824	189	0.975	234	0.317	279	0.047	324	0.609
10	0.948	55	0.792	100	0.946	145	0.810	190	0.971	235	0.303	280	0.048	325	0.625
11	0.931	56	0.780	101	0.932	146	0.798	191	0.963	236	0.289	281	0.050	326	0.642
12	0.915	57	0.768	102	0.917	147	0.786	192	0.955	237	0.276	282	0.052	327	0.658
13	0.900	58	0.757	103	0.904	148	0.775	193	0.946	238	0.263	283	0.054	328	0.675
14	0.885	59	0.748	104	0.891	149	0.766	194	0.938	239	0.249	284	0.055	329	0.691
15	0.872	60	0.741	105	0.879	150	0.758	195	0.930	240	0.236	285	0.057	330	0.707
16	0.855	61	0.733	106	0.864	151	0.750	196	0.919	241	0.225	286	0.061	331	0.722
17	0.840	62	0.728	107	0.850	152	0.745	197	0.908	242	0.214	287	0.066	332	0.737
18	0.827	63	0.725	108	0.838	153	0.742	198	0.897	243	0.203	288	0.072	333	0.752
19	0.816	64	0.724	109	0.828	154	0.741	199	0.885	244	0.192	289	0.078	334	0.768
20	0.807	65	0.727	110	0.820	155	0.744	200	0.874	245	0.181	290	0.085	335	0.783
21	0.795	66	0.731	111	0.809	156	0.748	201	0.860	246	0.172	291	0.094	336	0.797
22	0.786	67	0.738	112	0.799	157	0.755	202	0.846	247	0.162	292	0.104	337	0.811
23	0.778	68	0.748	113	0.793	158	0.764	203	0.831	248	0.152	293	0.115	338	0.825
24	0.773	69	0.760	114	0.788	159	0.777	204	0.817	249	0.142	294	0.126	339	0.839
25	0.771	70	0.775	115	0.786	160	0.791	205	0.803	250	0.131	295	0.137	340	0.853
26	0.770	71	0.787	116	0.786	161	0.803	206	0.787	251	0.123	296	0.150	341	0.864
27	0.772	72	0.801	117	0.788	162	0.818	207	0.771	252	0.114	297	0.164	342	0.876
28	0.777	73	0.817	118	0.793	163	0.834	208	0.755	253	0.105	298	0.177	343	0.888
29	0.783	74	0.834	119	0.799	164	0.851	209	0.739	254	0.095	299	0.191	344	0.899
30	0.791	75	0.853	120	0.807	165	0.870	210	0.723	255	0.086	300	0.205	345	0.911
31	0.799	76	0.868	121	0.816	166	0.885	211	0.705	256	0.079	301	0.221	346	0.920
32	0.809	77	0.884	122	0.825	167	0.901	212	0.687	257	0.072	302	0.238	347	0.930
33	0.819	78	0.900	123	0.836	168	0.917	213	0.670	258	0.065	303	0.254	348	0.939
34	0.829	79	0.917	124	0.846	169	0.934	214	0.652	259	0.058	304	0.271	349	0.949
35	0.840	80	0.933	125	0.857	170	0.950	215	0.634	260	0.051	305	0.287	350	0.959
36	0.851	81	0.938	126	0.868	171	0.955	216	0.616	261	0.050	306	0.304	351	0.964
37	0.861	82	0.944	127	0.878	172	0.961	217	0.599	262	0.049	307	0.321	352	0.970
38	0.869	83	0.949	128	0.887	173	0.967	218	0.581	263	0.048	308	0.338	353	0.975
39	0.877	84	0.955	129	0.894	174	0.972	219	0.563	264	0.047	309	0.355	354	0.981
40	0.882	85	0.961	130	0.900	175	0.979	220	0.545	265	0.046	310	0.371	355	0.987
41	0.887	86	0.964	131	0.905	176	0.981	221	0.528	266	0.045	311	0.389	356	0.989
42	0.890	87	0.967	132	0.909	177	0.984	222	0.510	267	0.044	312	0.406	357	0.992
43	0.892	88	0.969	133	0.910	178	0.986	223	0.493	268	0.043	313	0.424	358	0.994
44	0.891	89	0.972	134	0.910	179	0.989	224	0.476	269	0.042	314	0.441	359	0.997

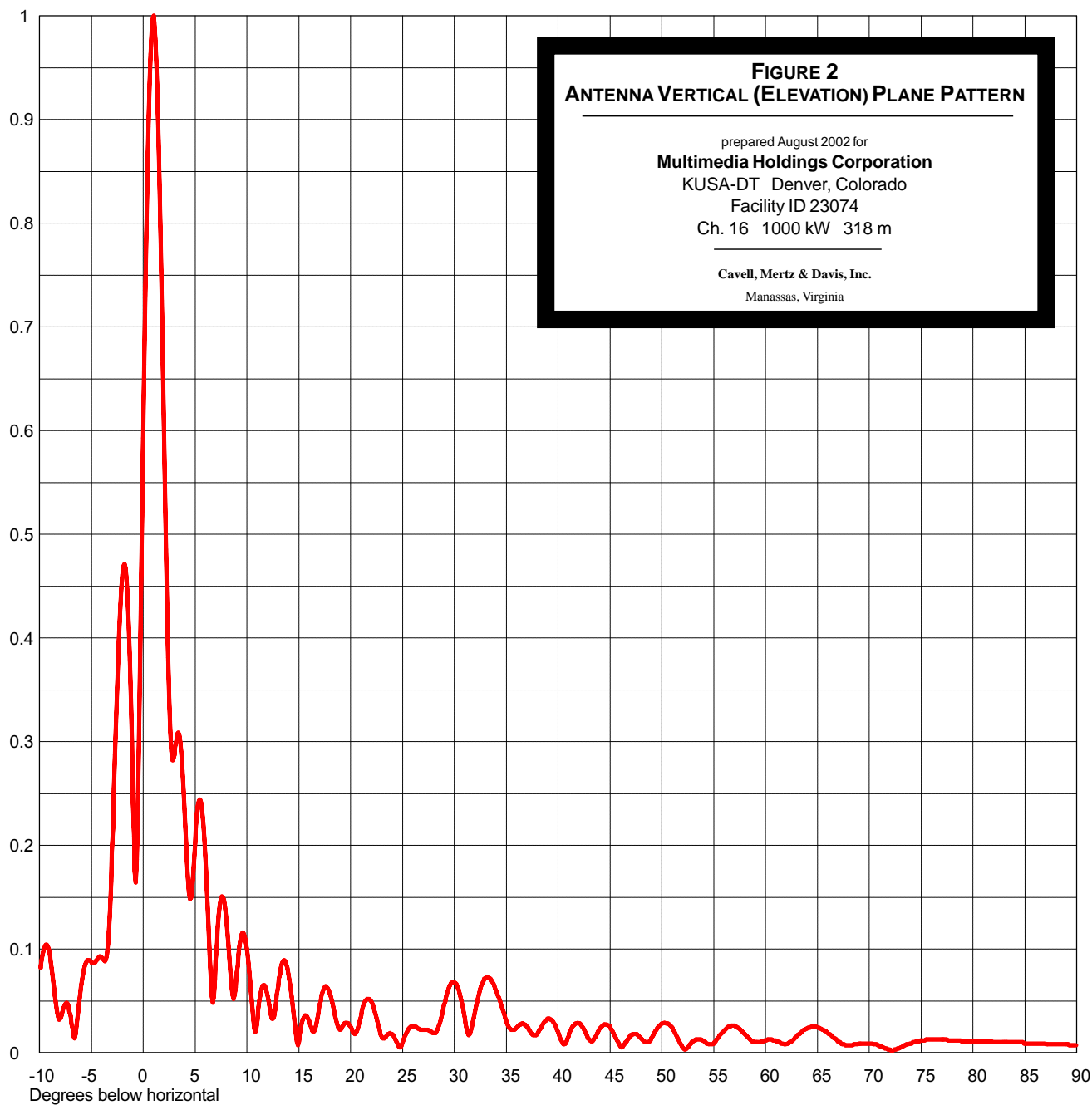
Remarks:



Proposal Number		Revision	
Date			
Call Letters	KUSA-DT	Channel	16
Location	Denver, CO		
Customer			
Antenna Type	TUA-C3-16/48U-1-S		

ELEVATION PATTERN

RMS Gain at Main Lobe	26.3 (14.20 dB)	Beam Tilt	1.00 Degrees
RMS Gain at Horizontal	9.2 (9.64 dB)	Frequency	485.00 MHz
Calculated / Measured	Calculated	Drawing #	16U263100



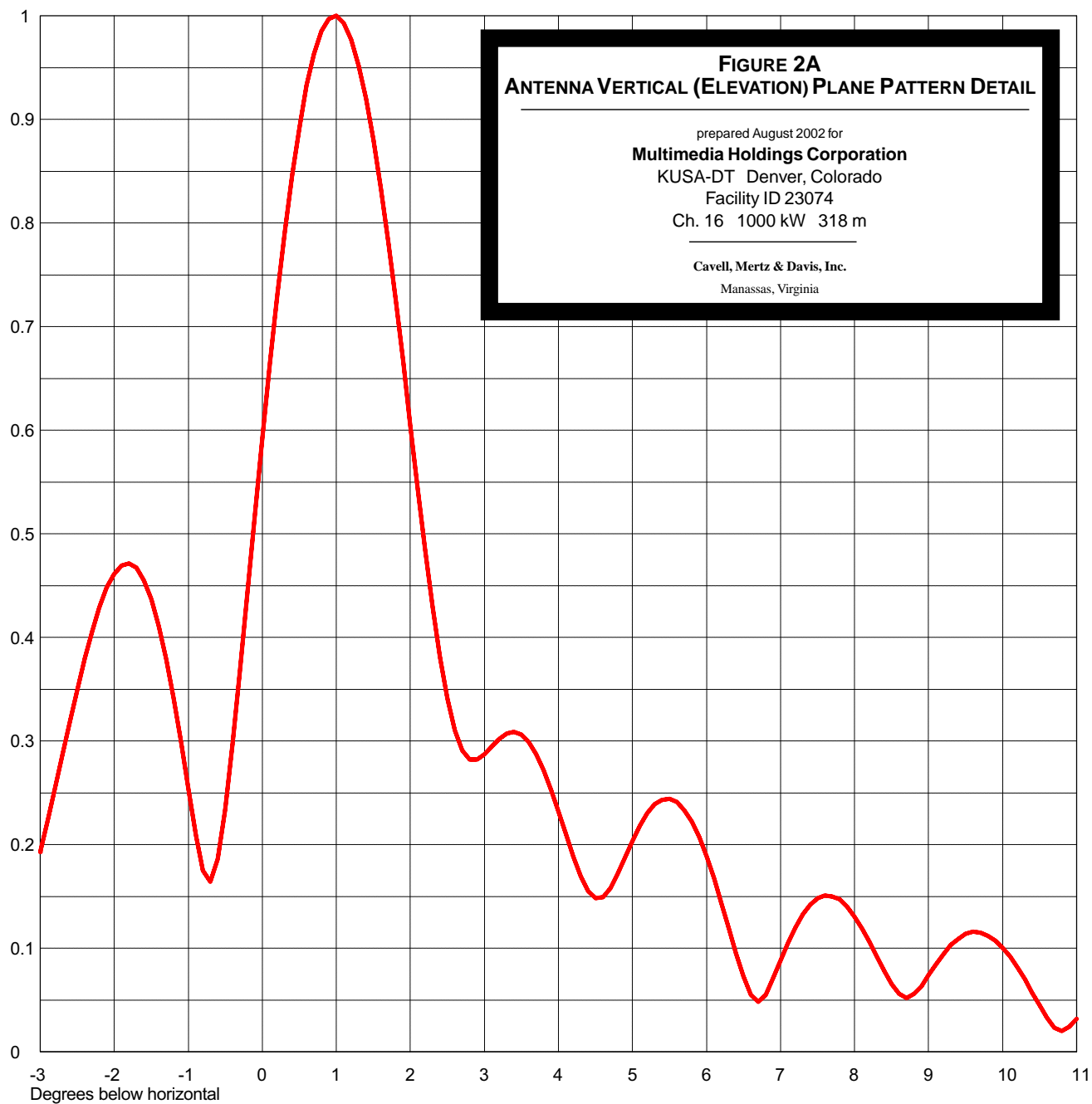
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