

Exhibit 43 – Statement A  
**NATURE OF THE PROPOSAL**  
**PROPOSED ANTENNA SYSTEM**  
prepared for  
**Multimedia Holdings Corporation**  
KUSA-DT Denver, Colorado  
Facility ID: 23074  
Ch. 16 37 kW (MAX-DA) 374.6 m

*Multimedia Holdings Corporation* (“*Multimedia*”) is the licensee of analog television station KUSA-TV, Channel 9, Denver, Colorado (see BLCT-19900801KF). *Multimedia* is also currently authorized to construct the pre-transition digital facility for KUSA on Channel 16<sup>1</sup> (see “CP”, BMPCDT-20000501ADN). *Multimedia* herein proposes to modify its CP to specify operation from a new tower recently constructed on Lookout Mountain. The proposed facility will replace the reduced power STA facility currently in operation at Republic Plaza in downtown Denver (see BDSTA-20020926ACZ, as extended 2/27/2008). Following the move to Lookout Mountain, the facility proposed herein will be operated until the Congressionally mandated shut down of all full service analog television stations on February 17, 2009, and concurrent commencement of full power digital operations of KUSA-DT on Channel 9.

The location proposed for KUSA-DT Channel 16 facility is a multi-user tower site developed by the Lake Cedar Group, LLC on Lookout Mountain overlooking Denver. The tower is registered with the FCC, Antenna Structure Registration Number 1058328.

The proposed antenna is a Dielectric TUC-C4SP-12/48U-4-T which is directional in the horizontal plane with 1° of electrical beam tilt. The relative field pattern data has been entered into FCC Form 301, Tech-Box 10e. In addition, a plot of the relative field pattern is provided in the attached **Exhibit 43-Figure 1** with a tabulation provided in **Exhibit 43-Figure 2**. **Exhibit 43-Figures 3** and **3A** provide a relative field plot of the proposed antenna’s elevation pattern.

The service contour of the proposed facility is subsumed, with two minor exceptions, within the service contour of the authorized CP. Accordingly, an interference study in accordance with the FCC’s OET Bulletin No. 69 (“OET-69”) was performed. The interference study, summarized in **Exhibit 43 – Table I**, calculated the change in interference from the CP facility to the proposed Channel 16 operation. As shown, in one case a maximum of 0.02% new

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<sup>1</sup> KUSA-DT currently operates from a site authorized pursuant to a Special Temporary Authorization (see BDSTA-20020926ACZ).

interference is caused. In other cases predicted interference is reduced or no interference will be caused. Thus, the instant proposal complies with the Commission's stated interference limits.

**Exhibit 43-Figure 4** provides a map depicting the service contour of the CP along with that of the proposed facility. Further, the map also provides the proposed facility's principal community coverage contour. As demonstrated therein, the principal community of Denver, Colorado is predicted to receive the enhanced signal level as required in §73.625(c) of the Commission's Rules.

The proposed site is located 0.38 km from the application site for a new AM station on 1550 kHz (see BNP-20040130AWM). Since the Commission has not yet authorized this new AM facility, it is respectfully requested that the construction permit for the facility proposed herein *not* be conditioned with the requirements in §73.1692 of the Commission's Rules.

The proposed KUSA-DT site is located more than 400 km from the nearest points on the Canadian and Mexican borders and does not require international coordination. The nearest FCC monitoring station is at Grand Island, NE, at a distance of 593.13 km from the proposed site. This exceeds by a great margin the threshold minimum distance specified in §73.1030(c)(3) that would suggest consideration of the monitoring station.

The proposed site is located 43 km from the Table Mountain Radio Receiving Zone in Boulder County, Colorado. Since the effective radiated power for the proposed facility is significantly below that already authorized for the CP, and since the currently operating STA facility for KUSA-DT is operating from a site 46 km from the Table Mountain site, it is believed that further coordination is not required.

Thus, this proposal is believed to be in compliance with the current Commission's Rules and policy with respect to allocation matters.

## EXHIBIT 43 - FIGURE 1 ANTENNA RELATIVE FIELD PATTERN

prepared March 2008 for  
Multimedia Holdings Corporation  
KUSA-DT Denver, Colorado  
Ch. 16 37 kW (MAX-DA) 374.6 m

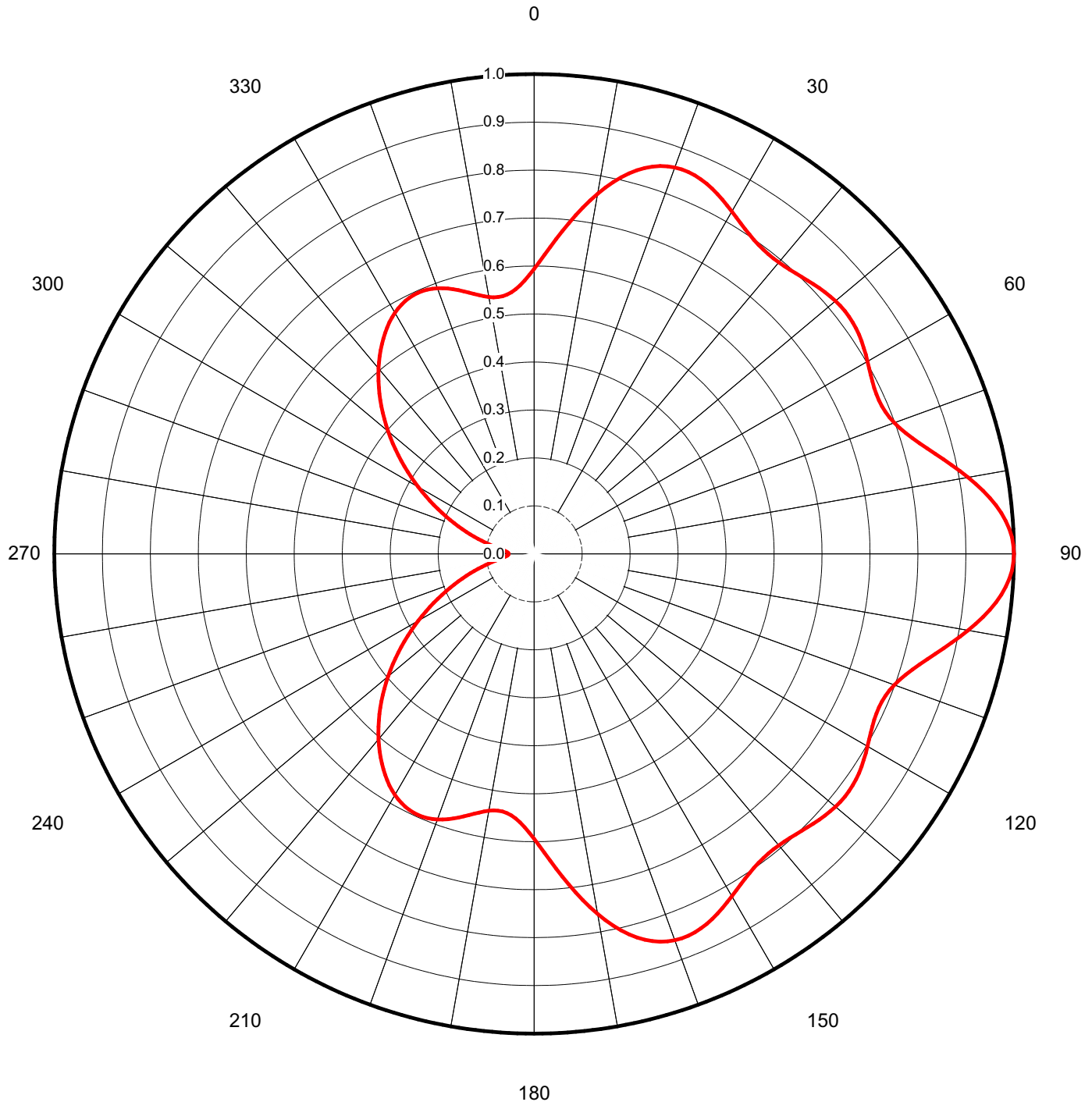
Cavell, Mertz & Associates, Inc.  
Manassas, Virginia

Proposal Number	C-01268	
Date	16-Apr-07	
Call Letters	KUSA-DT	Channel 16
Location	Denver, CO	
Customer		
Antenna Type	TUC-C4SP-12/48U-4-T	

## AZIMUTH PATTERN

Gain 2.31 (3.64 dB)  
Calculated / Measured Calculated

Frequency 485.00 MHz  
Drawing # TUC-C4SP-MOD-4850





Proposal Number C-01268  
Date 16-Apr-07  
Call Letters KUSA-DT  
Location Denver, CO  
Customer  
Antenna Type TUC-C4SP-12/48U-4-T

EXHIBIT 43 - FIGURE 2  
ANTENNA RELATIVE FIELD  
PATTERN TABULATION

Channel 16

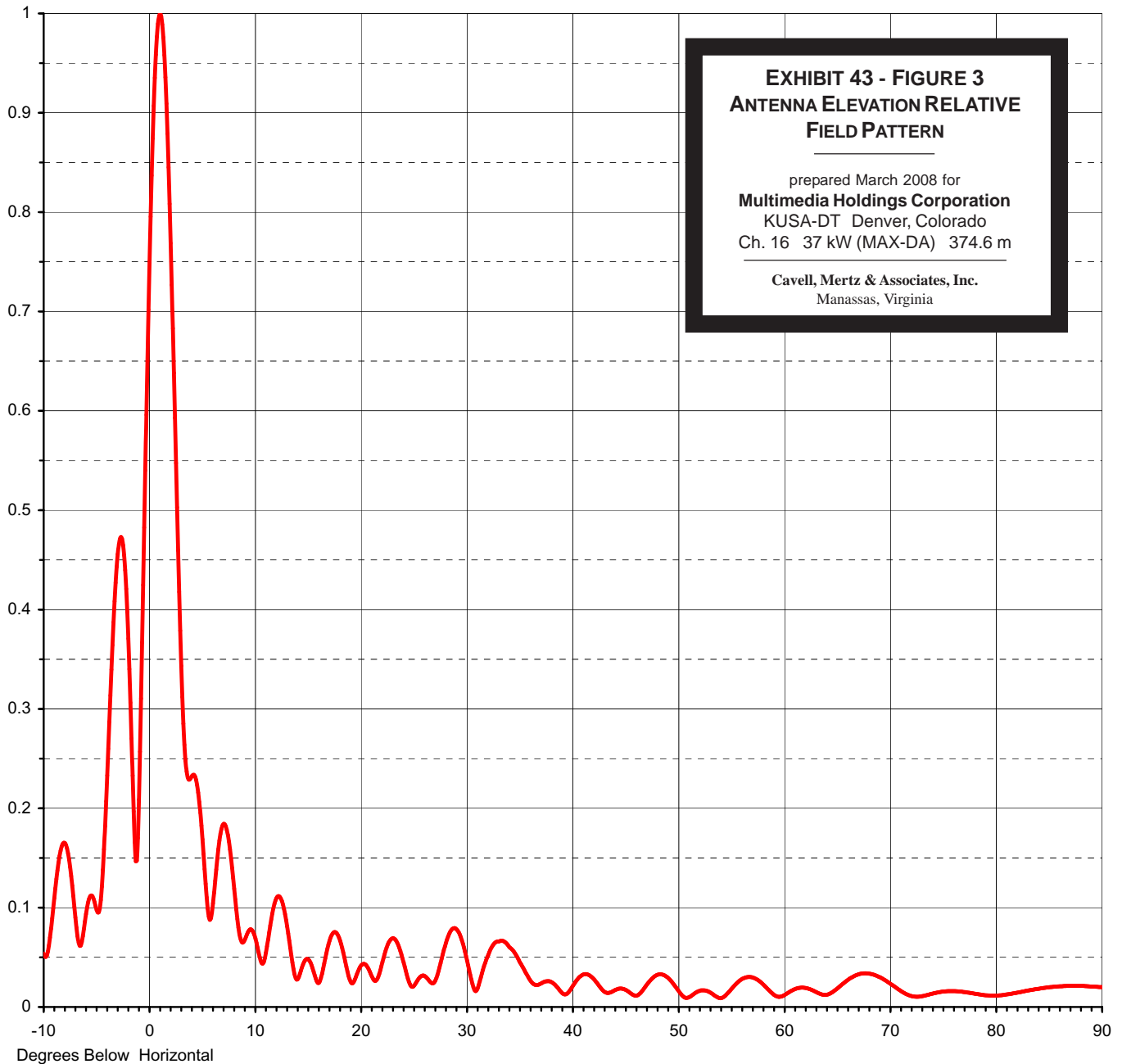
## TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: TUC-C4SP-MOD-4850

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.594	45	0.806	90	1.000	135	0.806	180	0.594	225	0.453	270	0.053
1	0.608	46	0.809	91	0.999	136	0.803	181	0.581	226	0.442	271	0.053
2	0.624	47	0.812	92	0.996	137	0.799	182	0.570	227	0.431	272	0.054
3	0.640	48	0.815	93	0.992	138	0.797	183	0.560	228	0.420	273	0.055
4	0.658	49	0.818	94	0.985	139	0.795	184	0.553	229	0.409	274	0.057
5	0.675	50	0.820	95	0.977	140	0.793	185	0.547	230	0.397	275	0.059
6	0.693	51	0.821	96	0.968	141	0.793	186	0.543	231	0.385	276	0.062
7	0.711	52	0.822	97	0.957	142	0.793	187	0.541	232	0.374	277	0.066
8	0.729	53	0.822	98	0.945	143	0.794	188	0.540	233	0.362	278	0.071
9	0.746	54	0.821	99	0.932	144	0.796	189	0.541	234	0.350	279	0.076
10	0.762	55	0.819	100	0.918	145	0.799	190	0.544	235	0.338	280	0.082
11	0.778	56	0.817	101	0.904	146	0.803	191	0.547	236	0.326	281	0.089
12	0.792	57	0.814	102	0.890	147	0.807	192	0.551	237	0.314	282	0.096
13	0.805	58	0.810	103	0.876	148	0.812	193	0.556	238	0.302	283	0.104
14	0.817	59	0.806	104	0.862	149	0.818	194	0.561	239	0.291	284	0.112
15	0.828	60	0.802	105	0.848	150	0.824	195	0.566	240	0.279	285	0.121
16	0.837	61	0.798	106	0.836	151	0.830	196	0.572	241	0.267	286	0.130
17	0.844	62	0.794	107	0.825	152	0.836	197	0.577	242	0.255	287	0.139
18	0.850	63	0.791	108	0.814	153	0.842	198	0.581	243	0.244	288	0.149
19	0.854	64	0.789	109	0.806	154	0.847	199	0.586	244	0.233	289	0.158
20	0.857	65	0.787	110	0.799	155	0.851	200	0.589	245	0.221	290	0.168
21	0.858	66	0.786	111	0.793	156	0.855	201	0.592	246	0.210	291	0.179
22	0.858	67	0.787	112	0.790	157	0.857	202	0.594	247	0.200	292	0.189
23	0.857	68	0.790	113	0.787	158	0.858	203	0.595	248	0.189	293	0.200
24	0.855	69	0.793	114	0.786	159	0.858	204	0.596	249	0.179	294	0.210
25	0.851	70	0.799	115	0.787	160	0.857	205	0.595	250	0.168	295	0.221
26	0.847	71	0.806	116	0.789	161	0.854	206	0.594	251	0.158	296	0.233
27	0.842	72	0.814	117	0.791	162	0.850	207	0.592	252	0.149	297	0.244
28	0.836	73	0.825	118	0.794	163	0.844	208	0.589	253	0.139	298	0.255
29	0.830	74	0.836	119	0.798	164	0.837	209	0.585	254	0.130	299	0.267
30	0.824	75	0.848	120	0.802	165	0.828	210	0.580	255	0.121	300	0.279
31	0.818	76	0.862	121	0.806	166	0.817	211	0.575	256	0.112	301	0.291
32	0.812	77	0.876	122	0.810	167	0.805	212	0.569	257	0.104	302	0.302
33	0.807	78	0.890	123	0.814	168	0.792	213	0.563	258	0.096	303	0.314
34	0.803	79	0.904	124	0.817	169	0.778	214	0.556	259	0.089	304	0.326
35	0.799	80	0.918	125	0.819	170	0.762	215	0.548	260	0.082	305	0.338
36	0.796	81	0.932	126	0.821	171	0.746	216	0.540	261	0.076	306	0.350
37	0.794	82	0.945	127	0.822	172	0.729	217	0.532	262	0.071	307	0.362
38	0.793	83	0.957	128	0.822	173	0.711	218	0.523	263	0.066	308	0.374
39	0.793	84	0.968	129	0.821	174	0.693	219	0.514	264	0.062	309	0.385
40	0.793	85	0.977	130	0.820	175	0.675	220	0.504	265	0.059	310	0.397
41	0.795	86	0.985	131	0.818	176	0.658	221	0.495	266	0.057	311	0.409
42	0.797	87	0.992	132	0.815	177	0.640	222	0.485	267	0.055	312	0.420
43	0.799	88	0.996	133	0.812	178	0.624	223	0.475	268	0.054	313	0.431
44	0.803	89	0.999	134	0.809	179	0.608	224	0.464	269	0.053	314	0.442
												315	0.453
												316	0.464
												317	0.475
												318	0.485
												319	0.495
												320	0.504
												321	0.514
												322	0.523
												323	0.532
												324	0.540
												325	0.548
												326	0.556
												327	0.563
												328	0.569
												329	0.575
												330	0.580
												331	0.585
												332	0.589
												333	0.592
												334	0.594
												335	0.595
												336	0.596
												337	0.595
												338	0.594
												339	0.592
												340	0.589
												341	0.586
												342	0.581
												343	0.577
												344	0.572
												345	0.566
												346	0.561
												347	0.556
												348	0.551
												349	0.547
												350	0.544
												351	0.541
												352	0.540
												353	0.541
												354	0.543
												355	0.547
												356	0.553
												357	0.560
												358	0.570
												359	0.581

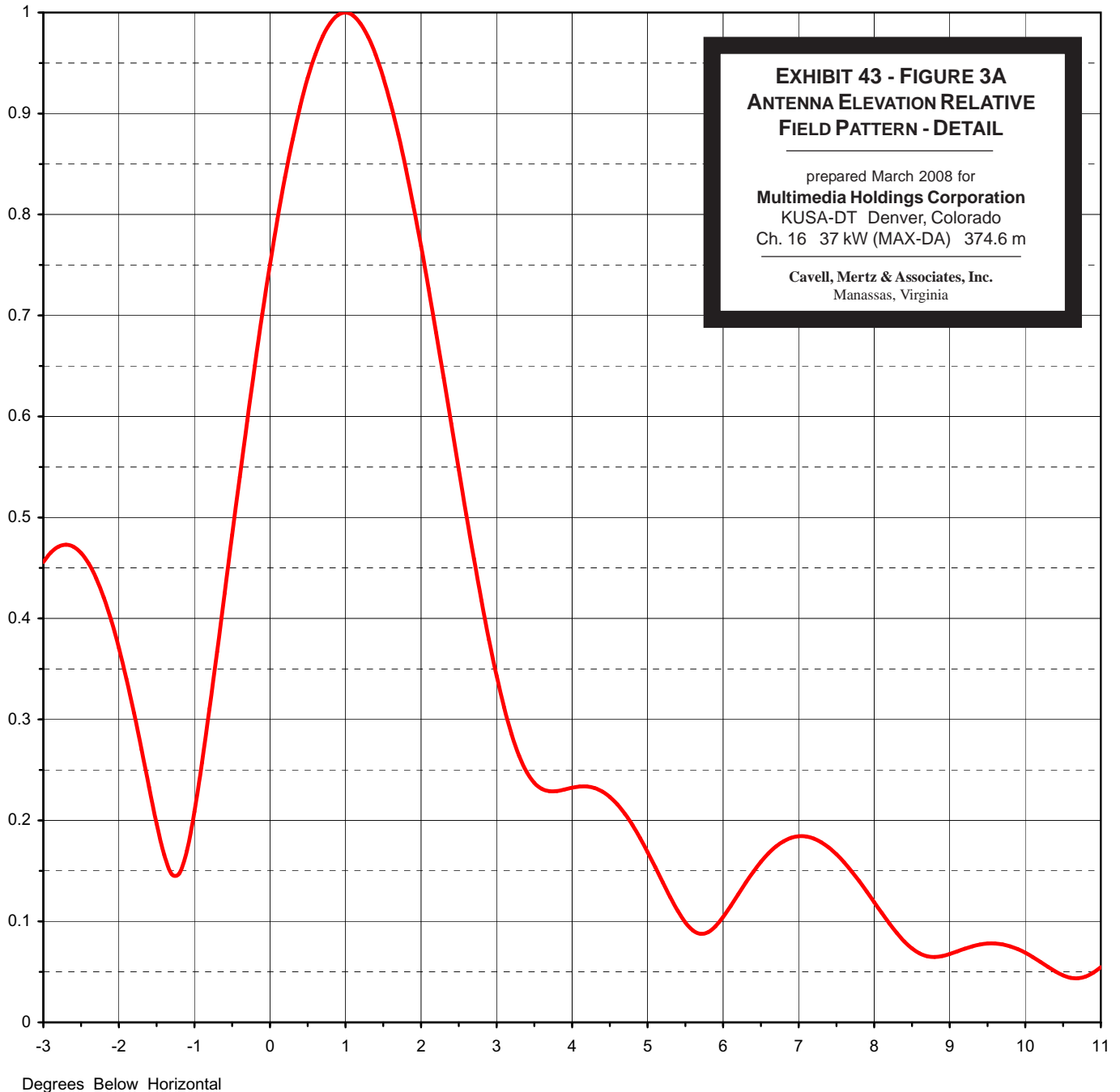
## ELEVATION PATTERN

RMS Gain at Main Lobe	20.80 ( 13.18 dB )	Beam Tilt	1.00 deg
RMS Gain at Horizontal	11.70 ( 10.68 dB )	Frequency	485.00 MHz
Calculated / Measured	Calculated	Drawing #	12U207100-90



## ELEVATION PATTERN

RMS Gain at Main Lobe	20.80 ( 13.18 dB )	Beam Tilt	1.00 deg
RMS Gain at Horizontal	11.70 ( 10.68 dB )	Frequency	485.00 MHz
Calculated / Measured	Calculated	Drawing #	12U207100



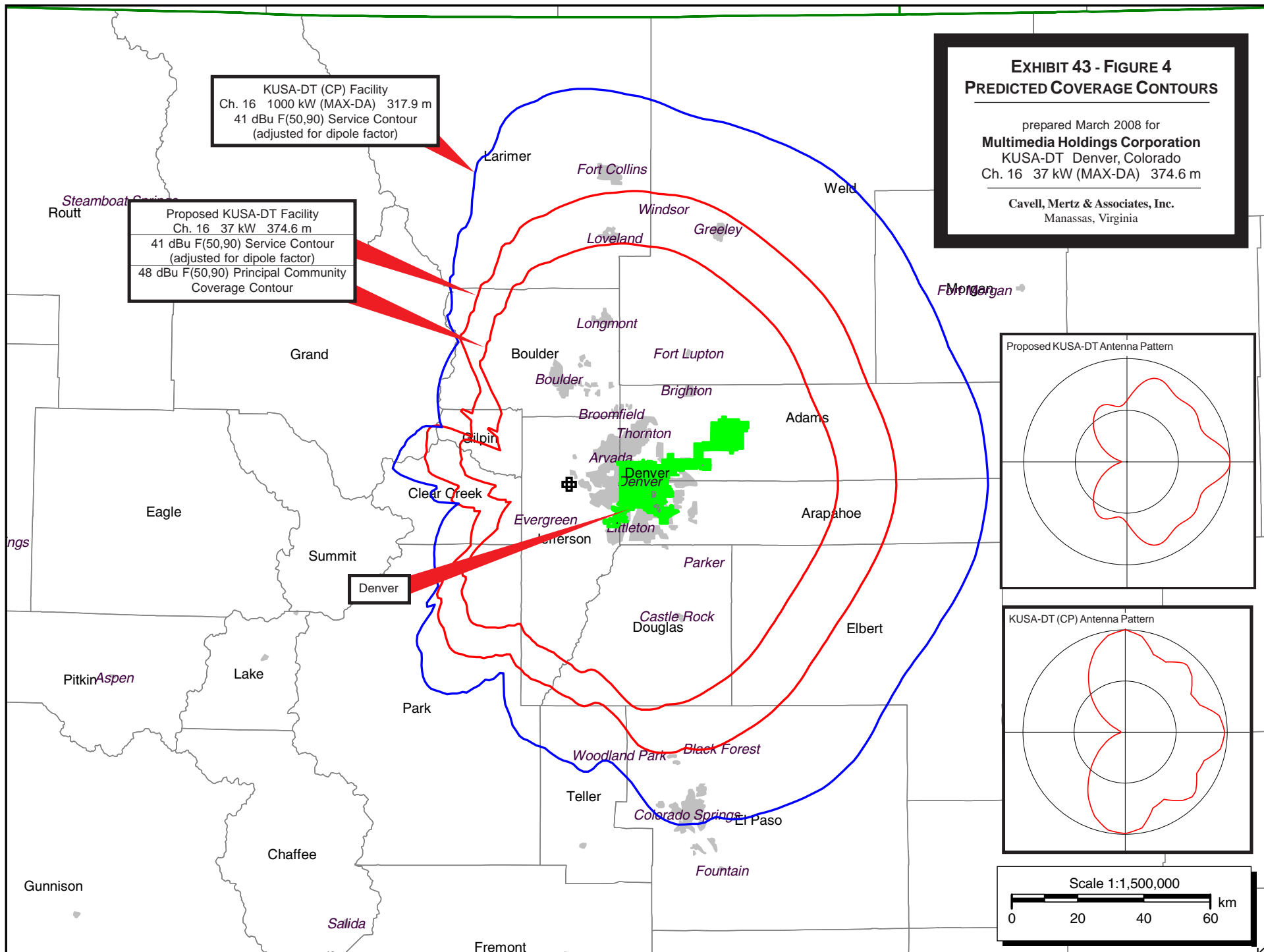


Exhibit 43 – Table I  
**INTERFERENCE STUDY RESULTS**  
 prepared for  
**Multimedia Holdings Corporation**  
 KUSA-DT Denver, Colorado  
 Facility ID: 23074  
 Ch. 16 37 kW (MAX-DA) 374.6 m

<u>Channel</u>	<u>Affected Station</u>	<u>City</u>	<u>State</u>	<u>Baseline (2000 Census)</u>	<u>Before Interference Population (2000 Census)</u>	<u>Interference Population with Proposal (2000 Census)</u>	<u>Population Difference</u>	<u>New Interference</u>
14	KTFD-TV	Boulder	CO			* * No Interference * *		
15	KTFD-DT	Boulder	CO	2,761,202	16,775	6,349	-10,426	-0.38%
16	KPNE-DT	North Platte	NE			* * No Interference * *		
16	KTUW	Scottsbluff	NE	53,474	155	135	-20	-0.04%
17	KMGH-DT	Denver	CO	2,949,108	6,663	7,274	611	0.02%
20	KTVD(TV)	Denver	CO			* * No Interference * *		