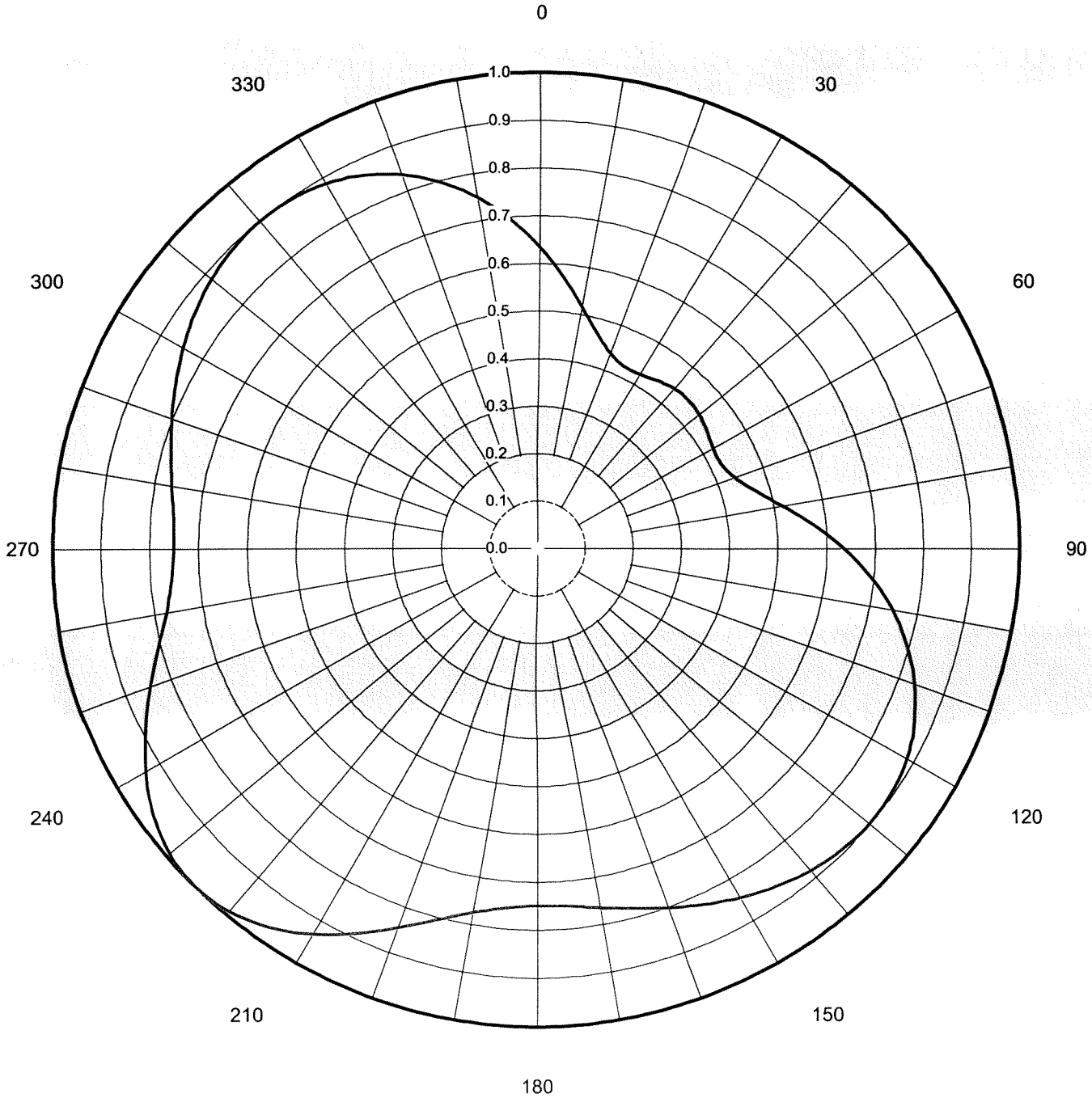
Dielectric

Proposal Number	**DCA-10098**	Revision:	**1**
Date	**6-Feb-03**		
Call Letters	**WJAR-DT**	Channel	**51**
Location	**Providence, RI**		
Customer			
Antenna Type	**TFU-24DSB-R 4C170 TC**		

AZIMUTH PATTERN

Gain	**1.70**	**(2.30 dB)**	Frequency	**695.00 MHz**
Calculated / Measured		**Calculated**	Drawing #	**TFU-4C170-51**



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Call Letters	**WJAR-DT**	Channel	**51**
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TABULATION OF AZIMUTH PATTERN

Azimuth Pattern Drawing #: **TFU-4C170-51**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
0	0.633	45	0.443	90	0.633	135	0.893	180	0.749	225	1.000	270	0.749	315	0.893
1	0.621	46	0.443	91	0.645	136	0.891	181	0.750	226	0.999	271	0.749	316	0.894
2	0.609	47	0.442	92	0.657	137	0.889	182	0.751	227	0.999	272	0.750	317	0.896
3	0.596	48	0.441	93	0.669	138	0.887	183	0.752	228	0.997	273	0.750	318	0.897
4	0.584	49	0.441	94	0.681	139	0.884	184	0.754	229	0.995	274	0.751	319	0.898
5	0.572	50	0.439	95	0.693	140	0.881	185	0.756	230	0.991	275	0.753	320	0.898
6	0.561	51	0.438	96	0.704	141	0.878	186	0.759	231	0.988	276	0.755	321	0.898
7	0.549	52	0.436	97	0.715	142	0.875	187	0.762	232	0.984	277	0.756	322	0.898
8	0.538	53	0.435	98	0.726	143	0.872	188	0.766	233	0.979	278	0.759	323	0.898
9	0.526	54	0.433	99	0.737	144	0.868	189	0.770	234	0.974	279	0.761	324	0.896
10	0.516	55	0.431	100	0.747	145	0.865	190	0.775	235	0.968	280	0.764	325	0.895
11	0.505	56	0.429	101	0.758	146	0.861	191	0.780	236	0.962	281	0.767	326	0.894
12	0.495	57	0.427	102	0.767	147	0.857	192	0.786	237	0.955	282	0.771	327	0.892
13	0.486	58	0.426	103	0.777	148	0.853	193	0.792	238	0.948	283	0.774	328	0.890
14	0.477	59	0.424	104	0.786	149	0.849	194	0.799	239	0.940	284	0.778	329	0.887
15	0.468	60	0.423	105	0.795	150	0.845	195	0.806	240	0.932	285	0.781	330	0.884
16	0.461	61	0.422	106	0.803	151	0.841	196	0.813	241	0.924	286	0.785	331	0.881
17	0.454	62	0.421	107	0.812	152	0.836	197	0.821	242	0.916	287	0.789	332	0.877
18	0.448	63	0.421	108	0.819	153	0.832	198	0.829	243	0.907	288	0.793	333	0.873
19	0.442	64	0.422	109	0.827	154	0.828	199	0.837	244	0.899	289	0.797	334	0.869
20	0.437	65	0.422	110	0.834	155	0.823	200	0.846	245	0.890	290	0.802	335	0.864
21	0.432	66	0.424	111	0.841	156	0.819	201	0.854	246	0.881	291	0.806	336	0.858
22	0.429	67	0.426	112	0.847	157	0.815	202	0.863	247	0.872	292	0.810	337	0.853
23	0.426	68	0.429	113	0.853	158	0.810	203	0.872	248	0.863	293	0.815	338	0.847
24	0.424	69	0.432	114	0.858	159	0.806	204	0.881	249	0.854	294	0.819	339	0.841
25	0.422	70	0.437	115	0.864	160	0.802	205	0.890	250	0.846	295	0.823	340	0.834
26	0.422	71	0.442	116	0.869	161	0.797	206	0.899	251	0.837	296	0.828	341	0.827
27	0.421	72	0.448	117	0.873	162	0.793	207	0.907	252	0.829	297	0.832	342	0.819
28	0.421	73	0.454	118	0.877	163	0.789	208	0.916	253	0.821	298	0.836	343	0.812
29	0.422	74	0.461	119	0.881	164	0.785	209	0.924	254	0.813	299	0.841	344	0.803
30	0.423	75	0.468	120	0.884	165	0.781	210	0.932	255	0.806	300	0.845	345	0.795
31	0.424	76	0.477	121	0.887	166	0.778	211	0.940	256	0.799	301	0.849	346	0.786
32	0.426	77	0.486	122	0.890	167	0.774	212	0.948	257	0.792	302	0.853	347	0.777
33	0.427	78	0.495	123	0.892	168	0.771	213	0.955	258	0.786	303	0.857	348	0.767
34	0.429	79	0.505	124	0.894	169	0.767	214	0.962	259	0.780	304	0.861	349	0.758
35	0.431	80	0.516	125	0.895	170	0.764	215	0.968	260	0.775	305	0.865	350	0.747
36	0.433	81	0.526	126	0.897	171	0.761	216	0.974	261	0.770	306	0.868	351	0.737
37	0.435	82	0.538	127	0.898	172	0.759	217	0.979	262	0.766	307	0.872	352	0.726
38	0.436	83	0.549	128	0.898	173	0.756	218	0.984	263	0.762	308	0.875	353	0.715
39	0.438	84	0.561	129	0.898	174	0.755	219	0.988	264	0.759	309	0.878	354	0.704
40	0.439	85	0.572	130	0.898	175	0.753	220	0.991	265	0.756	310	0.881	355	0.693
41	0.441	86	0.584	131	0.898	176	0.751	221	0.995	266	0.754	311	0.884	356	0.681
42	0.441	87	0.596	132	0.897	177	0.750	222	0.997	267	0.752	312	0.887	357	0.669
43	0.442	88	0.609	133	0.896	178	0.750	223	0.999	268	0.751	313	0.889	358	0.657
44	0.443	89	0.621	134	0.894	179	0.749	224	0.999	269	0.750	314	0.891	359	0.645

Exhibit E2
WJAR Channel 51 DTV Request For Special Temporary Authority
Environment Assessment Not Required

The operations proposed in this application do not add to or modify the existing tower and antenna currently used by WJAR.

Using the formulas and procedures defined in FCC Office Of Engineering and Technology Bulletin Number 65 (August 1997), RF power density levels from the requested facilities were calculated at locations around the tower at a heights up to 6 meters (20 feet) above the base of the tower. The maximum RF field was determined to be at a location 153 meters (502 feet) from the tower base along the 225 degree radial from the tower. At this location, the maximum RF power density from the proposed operation was calculated to be 0.0054 mW/cm^2, which is less than 1.2% of the 0.46 mW/cm^2 exposure level for uncontrolled environments. An environmental assessment for exposure to RF fields is therefore not required.

Access to the tower is strictly controlled and any worker climbing the tower has to comply with NBC's RF Safety Plan. The Plan requires use of personal RF monitors to ensure occupational, controlled environment RF exposure levels (2.31 mW/cm^2 at channel 51) are not exceeded.

WJAR will will cooperate with other licensees using the site and reduce power or cease transmission as required to protect workers.

Copies of the complete OET-65 RF exposure study and the NBC RF Safety plan are available from the licensee on request.

H. Douglas Lung
June 29, 2005