

TECHNICAL EXHIBIT
CONCERNING HUMAN EXPOSURE TO RF ELECTROMAGNETIC ENERGY
PREPARED FOR
STATION WFTY-DT
SMITHTOWN, NEW YORK
CH 23 655 KW-DA 219 M

Technical Statement

The proposed facilities were evaluated in terms of potential radio frequency (RF) energy exposure at ground level to workers and the general public. The radiation center for the proposed DTV antenna is located 200 meters above ground level. The maximum DTV ERP is 655 kW (horizontal polarization). A “conservative” vertical plane relative field value of 0.1 (for angles below 60 degrees downward) is assumed for the antenna's downward radiation (see Figure 2). The calculated power density at a point 2 meters above ground level is 0.0056 mW/cm^2 . This is 1.6% of the FCC's recommended limit of 0.35 mW/cm^2 for channel 23 for an “uncontrolled” environment. Therefore, based on the responsibility threshold of 5%, the proposal will comply with the RF emission rules.

Public access to the transmitting site is restricted and appropriately marked with RFR warning signs. Furthermore, a protocol is in effect in the event that workers or other authorized personnel enter the restricted area or climb the tower to ensure that appropriate measures are taken to assure worker safety with respect to radio frequency radiation exposure. Such measures include reducing the average exposure by spreading out the work over a longer period of time, wearing “accepted” RFR protective clothing and/or RFR exposure.

Finally, it is noted that this technical exhibit only addresses the potential for radio frequency electromagnetic field exposure. All other aspects of the

environmental processing analysis have already has been provided to the FCC by the tower owner as part of the tower registration process.

A handwritten signature in black ink, appearing to read 'T. Howell', is centered on the page.

Thomas J. Howell

du Treil, Lundin & Rackley, Inc.

201 Fletcher Avenue

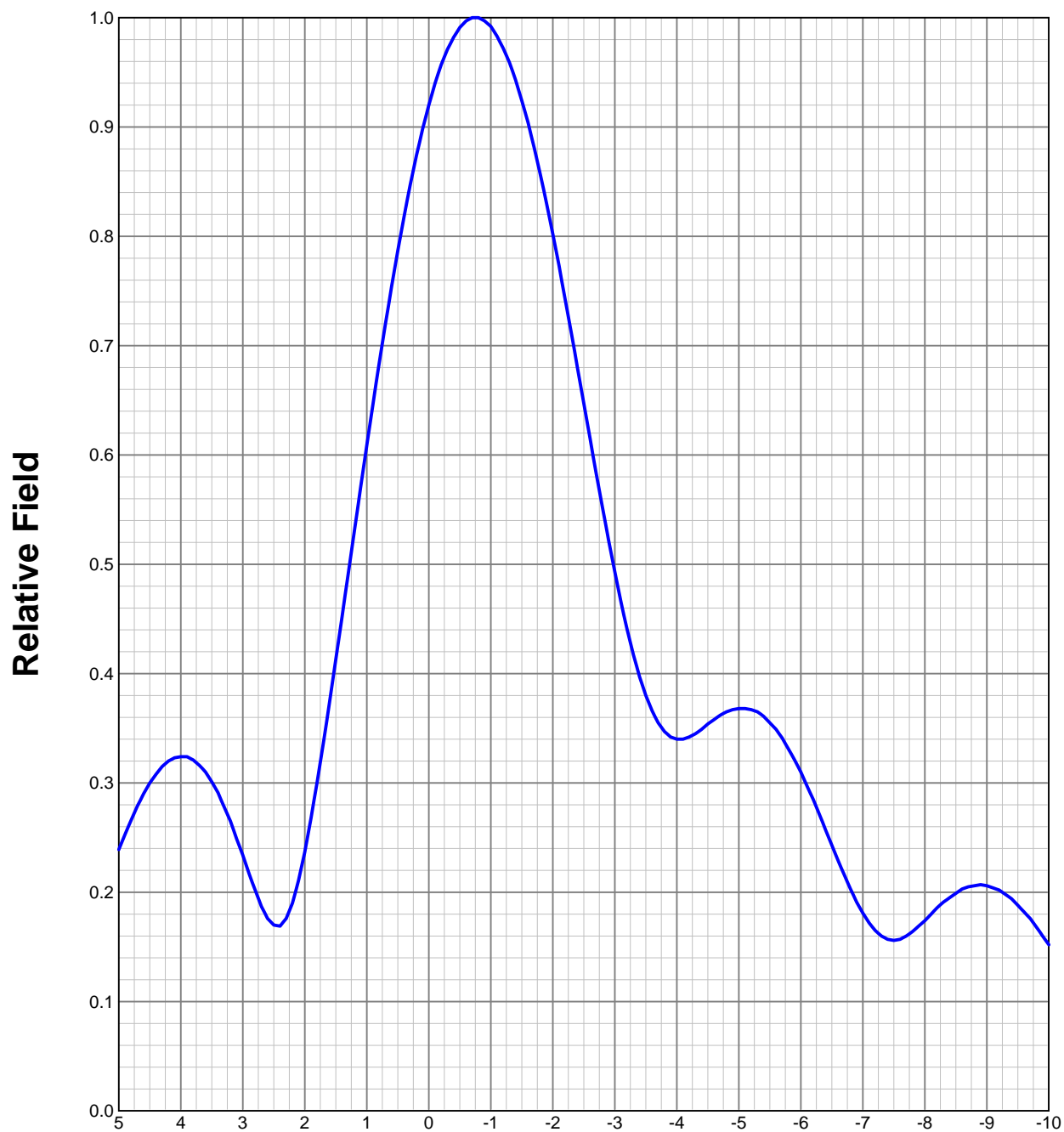
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June 12, 2008

ATW16H3-HTS180-23H

ELEVATION PATTERN**Type:****ATW16H3H****Channel:****23****Directivity:****Numeric****dBd****Location:****Main Lobe:****16.00****12.04****Beam Tilt:****-0.75****Horizontal:****13.54****11.32****Polarization:****Horizontal**

ATW16H3-HTS180-23H

TABULATED DATA FOR ELEVATION PATTERN

Type: ATW16H3H
PolarizationHorizontal

ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB	ANGLEFIELD	dB
5.00	0.239	-12.43	-6.75	0.210	-13.58	-27.00	0.074	-22.62	-50.50
4.75	0.273	-11.29	-7.00	0.181	-14.85	-27.50	0.073	-22.73	-51.00
4.50	0.300	-10.46	-7.25	0.163	-15.78	-28.00	0.065	-23.74	-51.50
4.25	0.318	-9.97	-7.50	0.156	-16.14	-28.50	0.051	-25.85	-52.00
4.00	0.324	-9.79	-7.75	0.162	-15.81	-29.00	0.040	-27.96	-52.50
3.75	0.319	-9.94	-8.00	0.174	-15.19	-29.50	0.040	-27.96	-53.00
3.50	0.301	-10.43	-8.25	0.189	-14.49	-30.00	0.052	-25.68	-53.50
3.25	0.272	-11.32	-8.50	0.199	-14.02	-30.50	0.063	-24.01	-54.00
3.00	0.234	-12.62	-8.75	0.205	-13.74	-31.00	0.069	-23.22	-54.50
2.75	0.195	-14.22	-9.00	0.206	-13.72	-31.50	0.067	-23.48	-55.00
2.50	0.170	-15.39	-9.25	0.200	-13.98	-32.00	0.059	-24.58	-55.50
2.25	0.183	-14.75	-9.50	0.188	-14.52	-32.50	0.047	-26.56	-56.00
2.00	0.237	-12.51	-9.75	0.172	-15.29	-33.00	0.037	-28.64	-56.50
1.75	0.319	-9.92	-10.00	0.152	-16.36	-33.50	0.037	-28.64	-57.00
1.50	0.413	-7.68	-10.50	0.114	-18.86	-34.00	0.047	-26.56	-57.50
1.25	0.511	-5.83	-11.00	0.099	-20.09	-34.50	0.058	-24.73	-58.00
1.00	0.609	-4.31	-11.50	0.115	-18.79	-35.00	0.065	-23.74	-58.50
0.75	0.702	-3.07	-12.00	0.136	-17.33	-35.50	0.065	-23.74	-59.00
0.50	0.787	-2.08	-12.50	0.145	-16.77	-36.00	0.059	-24.58	-59.50
0.25	0.861	-1.30	-13.00	0.136	-17.33	-36.50	0.048	-26.38	-60.00
0.00	0.920	-0.72	-13.50	0.112	-19.02	-37.00	0.037	-28.64	-60.50
-0.25	0.964	-0.32	-14.00	0.084	-21.51	-37.50	0.033	-29.63	-61.00
-0.50	0.991	-0.08	-14.50	0.073	-22.73	-38.00	0.040	-27.96	-61.50
-0.75	1.000	0.00	-15.00	0.086	-21.31	-38.50	0.051	-25.85	-62.00
-1.00	0.992	-0.07	-15.50	0.104	-19.66	-39.00	0.060	-24.44	-62.50
-1.25	0.966	-0.30	-16.00	0.114	-18.86	-39.50	0.064	-23.88	-63.00
-1.50	0.924	-0.69	-16.50	0.109	-19.25	-40.00	0.062	-24.15	-63.50
-1.75	0.869	-1.22	-17.00	0.092	-20.72	-40.50	0.055	-25.19	-64.00
-2.00	0.802	-1.92	-17.50	0.070	-23.10	-41.00	0.044	-27.13	-64.50
-2.25	0.726	-2.78	-18.00	0.058	-24.73	-41.50	0.034	-29.37	-65.00
-2.50	0.647	-3.78	-18.50	0.067	-23.48	-42.00	0.032	-29.90	-65.50
-2.75	0.568	-4.92	-19.00	0.084	-21.51	-42.50	0.039	-28.18	-66.00
-3.00	0.493	-6.14	-19.50	0.094	-20.54	-43.00	0.050	-26.02	-66.50
-3.25	0.428	-7.36	-20.00	0.093	-20.63	-43.50	0.058	-24.73	-67.00
-3.50	0.380	-8.40	-20.50	0.081	-21.83	-44.00	0.063	-24.01	-67.50
-3.75	0.351	-9.09	-21.00	0.063	-24.01	-44.50	0.062	-24.15	-68.00
-4.00	0.340	-9.37	-21.50	0.050	-26.02	-45.00	0.057	-24.88	-68.50
-4.25	0.344	-9.28	-22.00	0.053	-25.51	-45.50	0.048	-26.38	-69.00
-4.50	0.354	-9.02	-22.50	0.067	-23.48	-46.00	0.037	-28.64	-69.50
-4.75	0.363	-8.79	-23.00	0.079	-22.05	-46.50	0.031	-30.17	-70.00
-5.00	0.368	-8.68	-23.50	0.083	-21.62	-47.00	0.033	-29.63	-70.50
-5.25	0.366	-8.73	-24.00	0.076	-22.38	-47.50	0.042	-27.54	-71.00
-5.50	0.355	-9.00	-24.50	0.062	-24.15	-48.00	0.052	-25.68	-71.50
-5.75	0.336	-9.47	-25.00	0.047	-26.56	-48.50	0.060	-24.44	-72.00
-6.00	0.310	-10.17	-25.50	0.043	-27.33	-49.00	0.064	-23.88	-72.50
-6.25	0.278	-11.12	-26.00	0.053	-25.51	-49.50	0.064	-23.88	-73.00
-6.50	0.243	-12.29	-26.50	0.066	-23.61	-50.00	0.059	-24.58	-73.50