

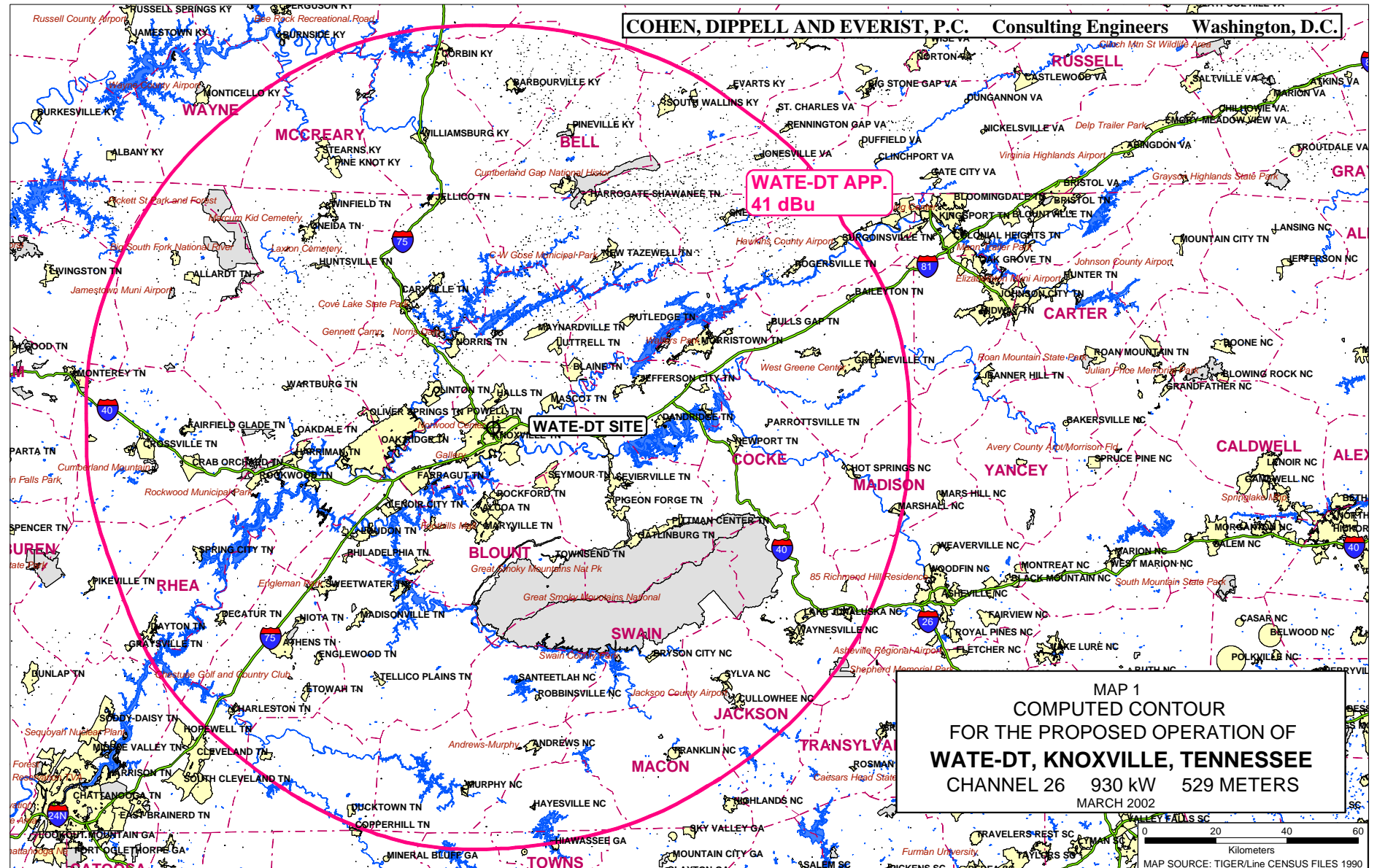
EXHIBIT 41

Geographic Coverage vs. Largest Station in Market

MAP1 shows the 41 dBu F(50,90) noise-limited coverage contour for the proposed WATE-DT, Channel 26, Knoxville, Tennessee, 930 kW, 529.2 meters HAAT. MAP2 shows the equivalent contour for the largest DTV allotment in the Knoxville market, WBIR-DT, Channel 31, 768 kW, 546 meters HAAT. MAP3 superimposes the above two contours and reveals them to be virtually indistinguishable. Table A numerically compares the distances to contour at azimuths every 10 degrees and demonstrates that the contour for the proposed WATE-DT is within 0.5% of the WBIR-DT allotment distance to contour at all 36 azimuths and, on average, is less than WBIR-DT allotment distance to contour. The proposed height and ERP is slightly less than that needed to provide the same geographic coverage area as the largest station within the Knoxville, Tennessee, market. Therefore, the requested height and power complies with the Section 73.622(f)(5) of the FCC Rules.

Class A Station Contour Overlap

The proposed facilities of WATE-DT are collocated with two Class A stations (less than 1.5 km separation): WEEE-LP, Channel 18, Knoxville, TN [BPTTL-20000324AAR] and WEZK-LP, Channel 28, Knoxville, TN [BLTTL-20001011ACO]. Although the proposed site for WATE-DT is within the protected contours of the above Class A stations, Longley-Rice analysis following OET Bulletin 69 and using an adapted version of the FCC's computer program shows that there is zero predicted interference by the proposed WATE-DT to the Class A stations. Therefore, a waiver of the Section 73.623(C)(5)(i) is justified.



WBIR-DT ALLOT.
41 dBu

WBIR-DT SITE

MAP 2
COVERAGE CONTOUR
WBIR-DT ALLOTMENT
KNOXVILLE, TENNESSEE
768 kW 546 METERS
MARCH 2002

0 20 40 60
Kilometers

MAP SOURCE: TIGER/line CENSUS FILES 1990

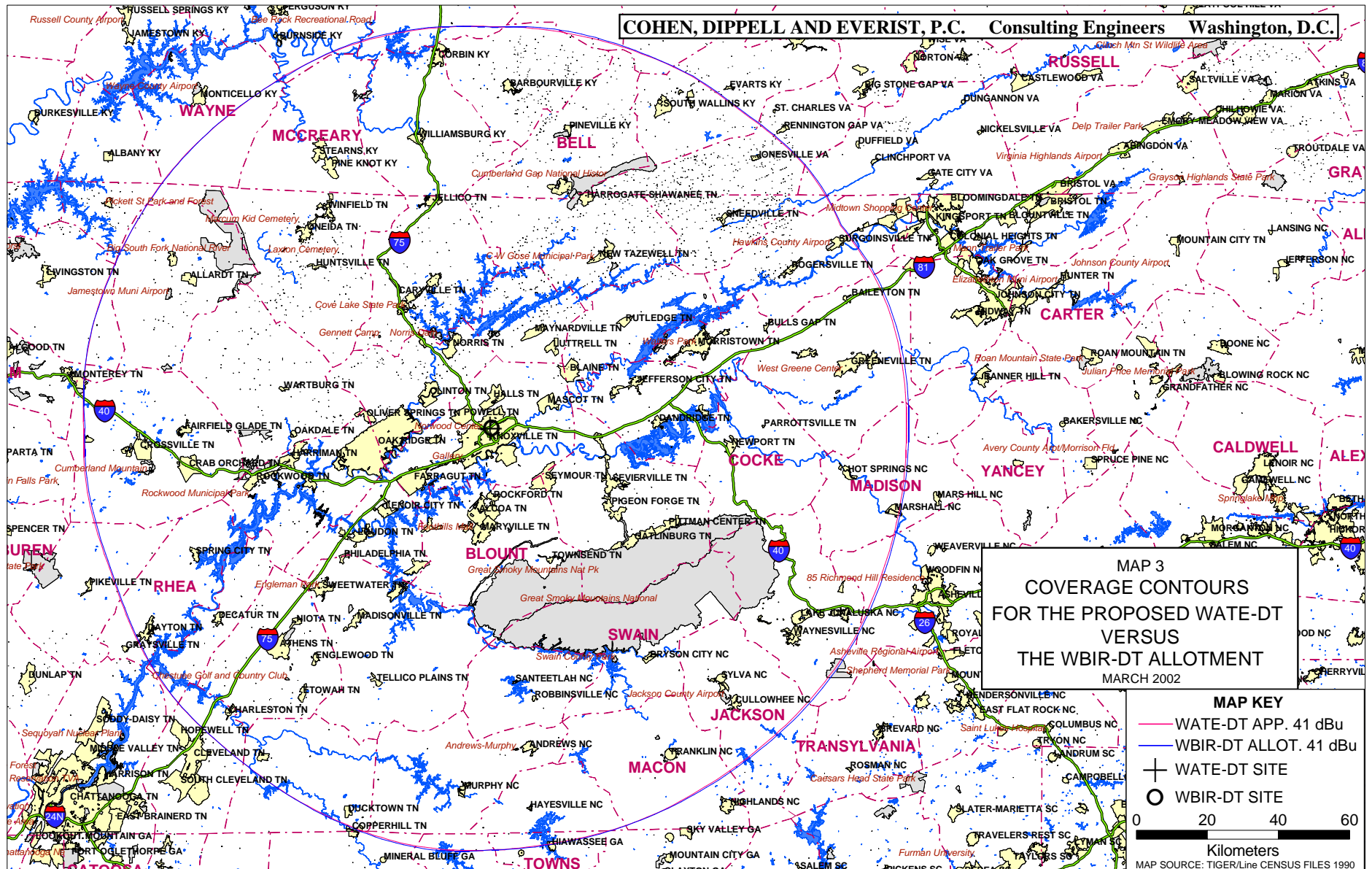


Table A

March 2002

Distance (km) to 41 dBu F(50,90) Contour

Azimuth	WBIR-DT Allot	WATE-DT Proposed	%
0	112.140	112.547	0.36%
10	113.063	112.759	-0.27%
20	113.109	113.137	0.02%
30	113.628	113.751	0.11%
40	113.549	113.615	0.06%
50	114.960	114.985	0.02%
60	113.637	113.728	0.08%
70	116.538	116.341	-0.17%
80	117.539	117.195	-0.29%
90	117.298	116.923	-0.32%
100	117.416	117.197	-0.19%
110	117.716	117.378	-0.29%
120	118.321	118.012	-0.26%
130	118.143	117.639	-0.43%
140	117.626	117.190	-0.37%
150	117.426	117.048	-0.32%
160	117.597	117.464	-0.11%
170	117.828	117.459	-0.31%
180	118.192	117.997	-0.16%
190	119.353	118.717	-0.53%
200	118.606	118.076	-0.45%
210	117.535	117.088	-0.38%
220	116.826	116.511	-0.27%
230	116.930	116.712	-0.19%
240	115.567	115.494	-0.06%
250	114.090	114.099	0.01%
260	114.564	114.656	0.08%
270	114.308	114.367	0.05%
280	115.664	115.274	-0.34%
290	115.444	115.382	-0.05%
300	115.285	115.067	-0.19%
310	115.029	115.104	0.07%
320	114.603	114.448	-0.14%
330	114.163	114.450	0.25%
340	114.483	114.250	-0.20%
350	113.559	113.424	-0.12%
		MAX	0.36%
		MIN	-0.53%
		AVG	-0.15%