

TABLE I
DTV COVERAGE DATA
WOWK-DT, HUNTINGTON, WEST VIRGINIA
CHANNEL 47, 895 KW (MAX), 396 METERS HAAT
JUNE 2002

<u>Radial</u> N E E, T	<u>HAAT</u> meters	<u>Elevation</u> meters	<u>ERP</u> kW	<u>48 dBu</u> km	<u>41 dBu</u> km
0	417	207.5	518	88.3	101.2
10	413	210.7	720	90.4	104.0
20	400	221.7	803	90.4	104.0
30	402	218.7	593	88.5	101.3
40	405	217.3	554	88.1	100.8
50	402	221.4	781	90.4	103.9
60	389	230.8	749	89.4	102.4
70	376	246.3	531	86.1	98.4
80	374	246.4	662	87.5	100.2
90	357	265.1	808	87.6	100.6
100	372	250.9	642	87.1	99.8
110	374	248.6	526	85.9	98.2
120	377	246.5	757	88.6	101.5
130	390	234.1	820	90.0	103.2
140	403	217.4	567	88.2	102.3
150	406	215.8	636	89.2	102.3
160	385	235.7	794	89.5	102.6
170	380	241.4	634	87.6	100.2
180	400	221.2	469	86.7	99.0
190	401	221.6	666	89.2	102.2
200	410	213.1	803	91.0	104.8
210	410	213.3	584	88.8	101.7
220	406	217.1	568	88.4	101.2

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(continued)

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230	396	227.2	714	89.4	102.5
240	427	196.2	653	90.5	104.2
250	409	213.9	514	87.8	100.5
260	396	225.9	637	88.6	101.5
270	405	220.2	813	90.8	104.5
280	400	221.3	613	88.6	101.5
290	399	223.4	526	87.5	99.9
300	392	230.9	738	89.4	102.5
310	385	239.4	710	88.7	101.6
320	384	237.2	517	86.5	98.8
330	397	225.0	608	88.4	101.1
340	394	228.9	895	90.9	104.5
350	395	226.7	723	89.5	102.6

DTV Channel 47 (668-674 MHz)
Average Elevation 3 to 16 km 227.2 meters AMSL
Center of Radiation 621.6 meters AMSL
Antenna Height Above Average Terrain 396 meters
Site Elevation 296.5 meters AMSL
Effective Radiated Power:
895 kW (29.5 dBk) Max. at 0.90E Tilt Electrical
NAD-27

North Latitude: 38E 30' 20.8"
West Longitude: 82E 12' 32.8"