

Principal City Coverage - 60 dBu - As-Built WBGO Newark, New Jersey

WBGO.C

BMPED20110304ABF

Latitude: 40-45-22 N

Longitude: 073-59-12 W

ERP: 2.50 kW

Channel: 202

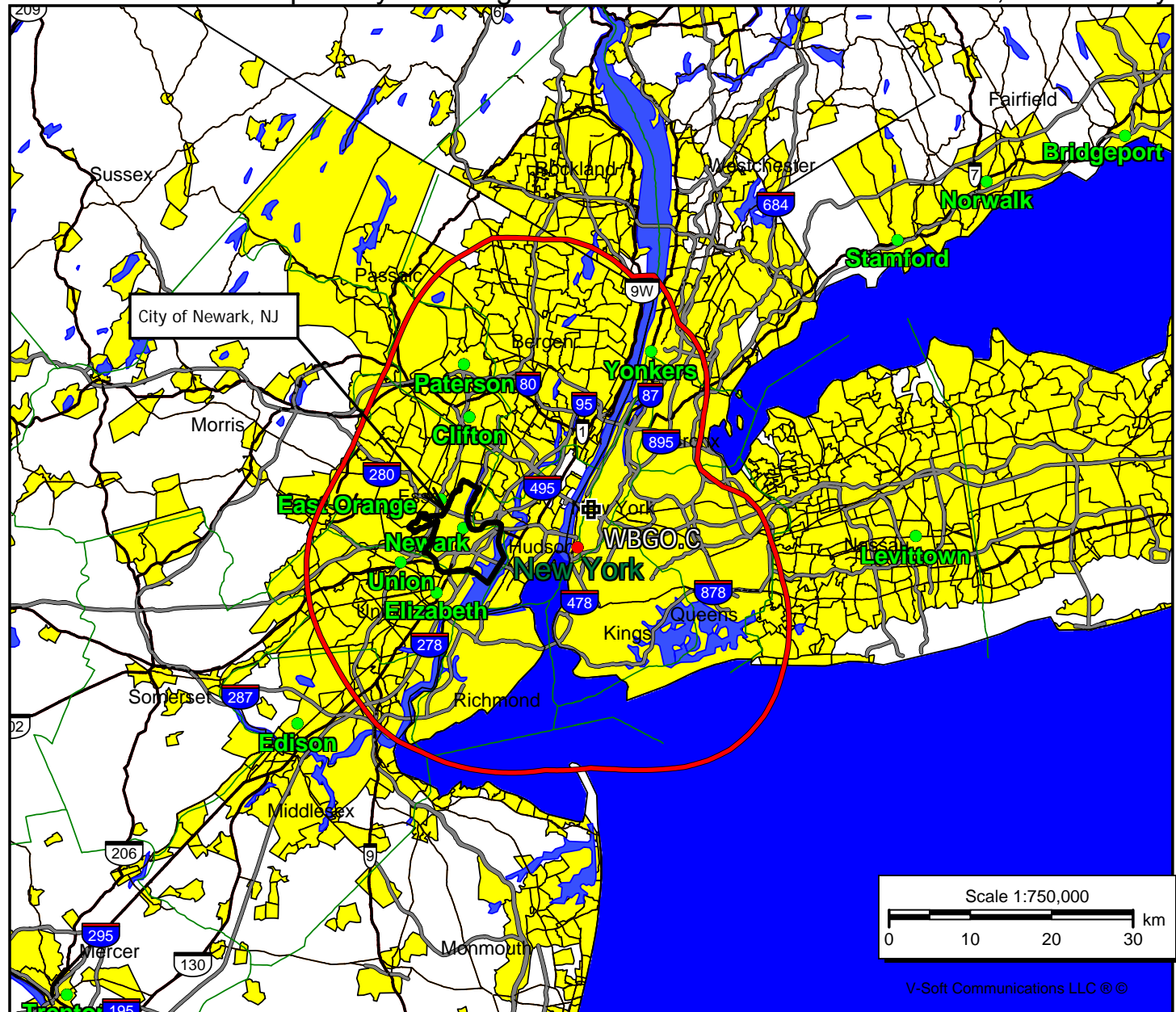
Frequency: 88.3 MHz

AMSL Height: 284.0 m

Elevation: 15.0 m

Horiz. Pattern: Directional

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Telecommunication Consultants



N. Lat. = 404522.0 W. Lng. = 735912.0
 HAAT and Distance to Contour,
 FCC, FM 2-10 Mi, 51 pts Method - USGS 03 SEC

As-Built Antenna - Principal City Coverage

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	34.3	249.7	1.6687	2.22	0.817	32.24
010	48.6	235.4	1.2145	0.84	0.697	29.07
020	12.5	271.5	0.7535	-1.23	0.549	27.83
030	24.0	260.0	0.4884	-3.11	0.442	24.67
040	17.7	266.3	0.2873	-5.42	0.339	22.03
050	9.2	274.8	0.1188	-9.25	0.218	17.98
060	2.4	281.6	0.0593	-12.27	0.154	15.17
070	2.9	281.1	0.0469	-13.29	0.137	14.30
080	10.1	273.9	0.0846	-10.72	0.184	16.41
090	11.5	272.5	0.2059	-6.86	0.287	20.55
100	15.4	268.6	0.3045	-5.16	0.349	22.43
110	22.5	261.5	0.5063	-2.96	0.450	24.95
120	21.2	262.8	0.8352	-0.78	0.578	28.07
130	14.0	270.0	1.1662	0.67	0.683	30.75
140	10.2	273.8	1.5327	1.85	0.783	33.05
150	9.4	274.6	1.7347	2.39	0.833	34.06
160	10.9	273.1	1.6606	2.20	0.815	33.63
170	11.6	272.4	1.4402	1.58	0.759	32.48
180	14.4	269.6	1.3359	1.26	0.731	31.73
190	9.7	274.3	1.4213	1.53	0.754	32.49
200	0.8	283.2	1.6851	2.27	0.821	34.33
210	2.1	281.9	2.0703	3.16	0.910	35.85
220	0.1	283.9	2.3814	3.77	0.976	37.05
230	7.0	277.0	2.5000	3.98	1.000	37.03
240	9.8	274.2	2.4503	3.89	0.990	36.71
250	9.4	274.6	2.4059	3.81	0.981	36.59
260	10.8	273.2	2.1160	3.26	0.920	35.51
270	13.4	270.6	1.6403	2.15	0.810	33.38
280	17.6	266.4	1.2426	0.94	0.705	31.01
290	17.8	266.2	1.0923	0.38	0.661	30.06
300	13.9	270.1	1.0890	0.37	0.660	30.26
310	13.8	270.2	1.2674	1.03	0.712	31.37
320	16.1	267.9	1.6810	2.26	0.820	33.42
330	15.8	268.2	2.0385	3.09	0.903	34.93
340	14.0	270.0	2.1623	3.35	0.930	35.49
350	27.8	256.2	1.9053	2.80	0.873	33.68

Ave EI = 13.97 M HAAT= 270.03 M AMSL= 284 M