



REC Networks
11541 Riverton Wharf Rd.
Mardela Springs, MD 21837
844.732.5736/202.621.2355
recnet.com

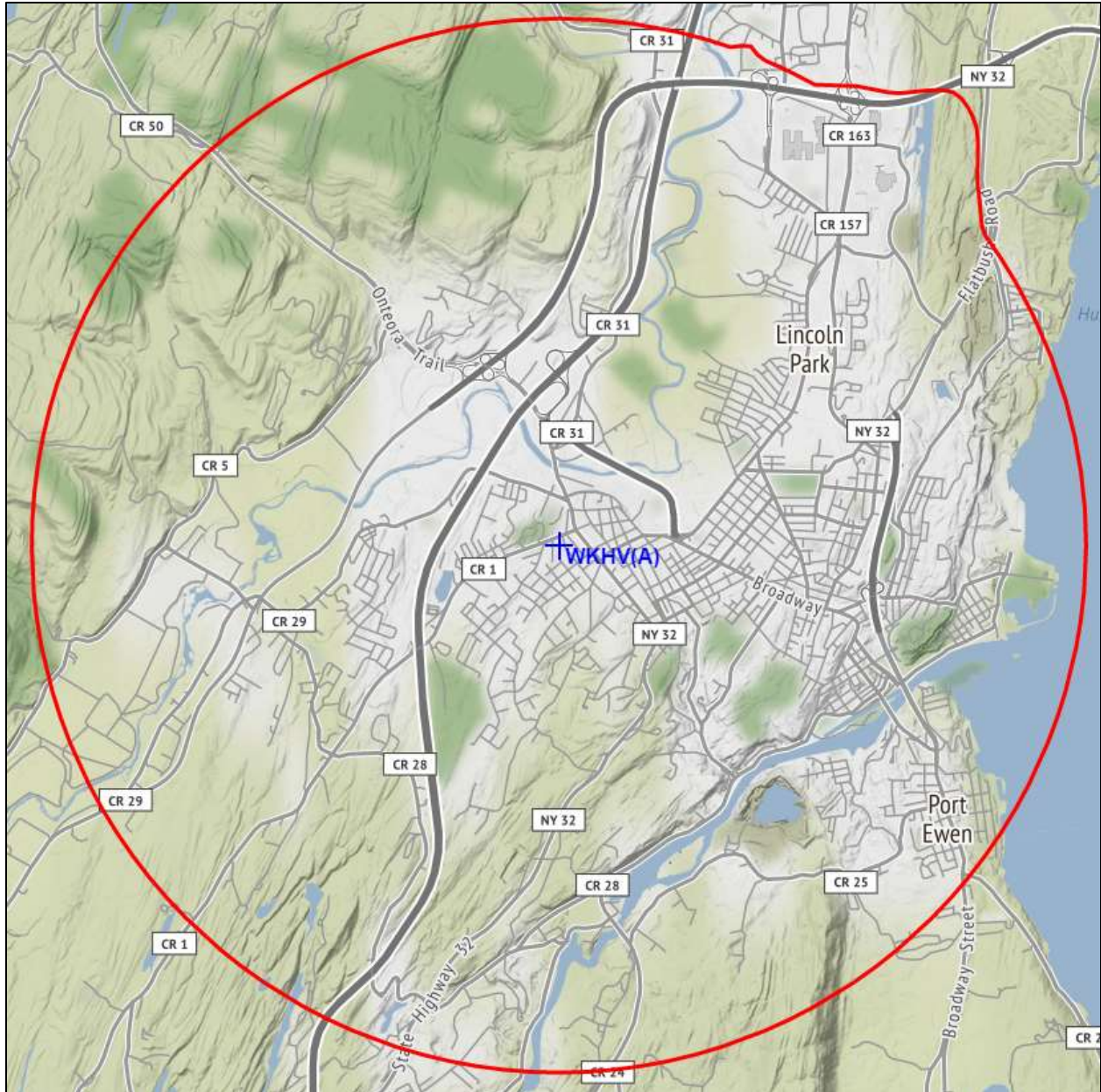
Minor Modification for WKHV-LP

KINGSTON, NY

KINGSTON OUTREACH SERVICES

BLL-20040513ABC

PROPOSED 60dBu F(50,50) SERVICE CONTOUR



KINGSTON, NY – Channel 280L1 (103.9 MHz) ~ ERP 0.100 kW

Elev: 57 meters ~ RCAGL: 22 meters ~ RCAMSL: 79 meters ~ HAAT: -27 meters

Overall tower height: 23 meters – ASR: None (Over 10K' from airport w/short runway)

NAD83 Latitude: 41° 55' 53.8" NL – Longitude: 74° 01' 35.3" WL

NAD27 Latitude: 41° 55' 53.5" NL – Longitude: 74° 01' 36.8" WL

Site: WKHV-APP
Coordinates: 41-55-53.5 N, 74-01-36.8 W
Freq: 103.90000 MHz
ERP: 100.00 W

Bearing	ERP W	HAAT	DH	Distance	Lat	Lon
0	100.00	-40	250	5.65	41.982310	-74.026889
5	100.00	-27	150	5.65	41.982117	-74.020935
10	100.00	-20	90	5.65	41.981538	-74.015026
15	100.00	19	110	5.65	41.980579	-74.009208
20	100.00	26	30	5.65	41.979245	-74.003525
25	100.00	23	30	5.65	41.977549	-73.998020
30	100.00	27	60	5.65	41.975502	-73.992735
35	100.00	30	60	5.65	41.973120	-73.987710
40	100.00	35	60	6.03	41.973086	-73.979973
45	100.00	34	170	5.95	41.969378	-73.975966
50	100.00	29	200	5.65	41.964158	-73.974571
55	100.00	27	200	5.65	41.960642	-73.970947
60	100.00	24	200	5.65	41.956904	-73.967749
65	100.00	20	230	5.65	41.952973	-73.965002
70	100.00	17	430	5.65	41.948879	-73.962727
75	100.00	11	470	5.65	41.944652	-73.960940
80	100.00	6	340	5.65	41.940326	-73.959655
85	100.00	6	240	5.65	41.935934	-73.958883
90	100.00	6	200	5.65	41.931508	-73.958628
95	100.00	1	180	5.65	41.927082	-73.958892
100	100.00	2	220	5.65	41.922690	-73.959674
105	100.00	5	220	5.65	41.918365	-73.960967
110	100.00	6	180	5.65	41.914141	-73.962762
115	100.00	10	210	5.65	41.910050	-73.965044
120	100.00	12	280	5.65	41.906121	-73.967796
125	100.00	16	210	5.65	41.902387	-73.970998
130	100.00	16	180	5.65	41.898874	-73.974625
135	100.00	14	250	5.65	41.895609	-73.978648
140	100.00	12	180	5.65	41.892618	-73.983038
145	100.00	12	150	5.65	41.889923	-73.987761
150	100.00	11	110	5.65	41.887544	-73.992782
155	100.00	3	50	5.65	41.885500	-73.998061
160	100.00	-17	60	5.65	41.883805	-74.003560
165	100.00	-36	190	5.65	41.882474	-74.009235
170	100.00	-41	170	5.65	41.881516	-74.015045
175	100.00	-32	130	5.65	41.880938	-74.020944
180	100.00	-14	180	5.65	41.880745	-74.026889
185	100.00	2	110	5.65	41.880938	-74.032834
190	100.00	16	90	5.65	41.881516	-74.038733
195	100.00	24	90	5.65	41.882474	-74.044543
200	100.00	16	60	5.65	41.883805	-74.050218
205	100.00	-10	120	5.65	41.885500	-74.055717
210	100.00	0	150	5.65	41.887544	-74.060996
215	100.00	-4	280	5.65	41.889923	-74.066016
220	100.00	-9	510	5.65	41.892618	-74.070740
225	100.00	-12	540	5.65	41.895609	-74.075130
230	100.00	-8	290	5.65	41.898874	-74.079153
235	100.00	-8	290	5.65	41.902387	-74.082780
240	100.00	-33	180	5.65	41.906121	-74.085981
245	100.00	-45	190	5.65	41.910050	-74.088734
250	100.00	-57	220	5.65	41.914141	-74.091016
255	100.00	-76	330	5.65	41.918365	-74.092811
260	100.00	-78	420	5.65	41.922690	-74.094104
265	100.00	-71	570	5.65	41.927082	-74.094886
270	100.00	-75	550	5.65	41.931508	-74.095150
275	100.00	-89	660	5.65	41.935934	-74.094895
280	100.00	-102	740	5.65	41.940326	-74.094122
285	100.00	-105	880	5.65	41.944652	-74.092838
290	100.00	-103	670	5.65	41.948879	-74.091051
295	100.00	-108	610	5.65	41.952973	-74.088775
300	100.00	-129	550	5.65	41.956904	-74.086028
305	100.00	-128	450	5.65	41.960642	-74.082831
310	100.00	-132	480	5.65	41.964158	-74.079207
315	100.00	-133	630	5.65	41.967426	-74.075184
320	100.00	-108	560	5.65	41.970421	-74.070793
325	100.00	-86	760	5.65	41.973120	-74.066067
330	100.00	-82	740	5.65	41.975502	-74.061043
335	100.00	-82	710	5.65	41.977549	-74.055758
340	100.00	-75	710	5.65	41.979245	-74.050253
345	100.00	-63	640	5.65	41.980579	-74.044570
350	100.00	-50	790	5.65	41.981538	-74.038752
355	100.00	-45	570	5.65	41.982117	-74.032843

R E C NETWORKS
CHANNEL REPORT

NAD27 LATITUDE: 41 - 55' 53.4" - LONGITUDE: 74 - 01' 36.8"
CHANNEL: 280 - CLASS: L1 (LPFM)

CHAN	FREQ	CALL	LOCATION	CLS	DIST	REQ	CLEAR	BEAR
277	103.3	WQQQ : THE RIDGEFIELD BROADCASTING CORPORATION	SHARON	CT A	37.7	0.0	37.7	92.0
278	103.5	WQBJ : TOWNSQUARE MEDIA OF ALBANY, INC.	COBLESKILL	NY B	121.8	67.0	54.8	341.9
278	103.5	: CLEAR CHANNEL B/CING LICENSES	ST. JOHNSVILLE	NY B	121.8	67.0	54.8	341.9
278	103.5	WKTU : AMFM RADIO LICENSES, L.L.C., AS DEBTOR IN POSSESSION	LAKE SUCCESS	NY B	131.4	67.0	64.4	178.5
279	103.7	W279AL : DELAWARE COUNTY SOUNDS OF LIFE	CATSKILL	NY D2	33.5	15.0	18.5	31.9
279	103.7	W279CI : THE BERKSHIRE BROADCASTING CORPORATION	DANBURY	CT D6	78.6	28.0	50.6	141.9
279	103.7	WPWL-LP : PAWLING PUBLIC RADIO INC	PAWLING	NY L1	45.6	14.0	31.6	133.2
279	103.7	W279AJ : WALKER BROADCASTING COMPANY, INC.	HIGHLAND	NY D5	25.9	21.0	4.9	175.7
279	103.7	WNNJ : CC LICENSES, LLC, AS DEBTOR IN POSSESSION	NEWTON	NJ B1	103.3	74.0	29.3	216.8
280	103.9	WNBM : CUMULUS LICENSING LLC	BRONXVILLE	NY A	117.4	67.0	50.4	173.9
280	103.9	W280DJ : WAMC	BEACON	NY D4	49.6	32.0	17.6	172.4
280	103.9	W280DJ : WAMC	BEACON	NY D5	49.7	32.0	17.7	172.2
280	103.9	WQBK-FM : TOWNSQUARE MEDIA OF ALBANY, INC.	RENSSELAER	NY A	75.5	67.0	8.5	15.8
280	103.9	WRCN-FM : JVC MEDIA, LLC	RIVERHEAD	NY A	159.7	67.0	92.7	138.3
280	103.9	WKHV-LP : KINGSTON OUTREACH SERVICES : Currently licensed facility.	KINGSTON	NY L1	3.6	24.0	-20.4	113.8
280	103.9	WSRK : TOWNSQUARE MEDIA ONEONTA LICENSE, LLC	ONEONTA	NY A	100.2	67.0	33.2	303.4
281	104.1	WJNN-LP : TORAH TREASURE HOUSE	MONTICELLO	NY L1	58.9	14.0	44.9	246.9
281	104.1	WIOF-LP : BIRDS OF A FEATHER MEDIA LIMITED	WOODSTOCK	NY L1	15.6	14.0	1.6	332.5
281	104.1	WMRQ-FM : RED WOLF BROADCASTING CORPORATION	WATERBURY	CT B	106.6	97.0	9.6	112.4
282	104.3	WAXQ : AMFM RADIO LICENSES, L.L.C., AS DEBTOR IN POSSESSION	NEW YORK	NY B	131.4	67.0	64.4	178.5
282	104.3	W282AD : FAMILY STATIONS, INC.	EAST WINDHAM	NY D2	46.5	8.0	38.5	346.9
282	104.3	W282BI : FAMILY STATIONS, INC.	CATSKILL, ETC.	NY D5	56.3	14.0	42.3	14.5

TOWAIR - DETERMINATION Results

PASS SLOPE(50:1): NO FAA REQ-RWY 10499 MTRS OR LESS & 7817.81 MTRS (7.81780) KM AWAY

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	41-58-55.00N	073-57-38.00W	KINGSTON-ULSTER	ULSTER KINGSTON, NY	40.7	944.89999999999998

PASS SLOPE(50:1): NO FAA REQ-RWY 10499 MTRS OR LESS & 7817.81 MTRS (7.81780) KM AWAY

Type	C/R	Latitude	Longitude	Name	Address	Lowest Elevation (m)	Runway Length (m)
AIRP	R	41-58-55.00N	073-57-38.00W	KINGSTON-ULSTER	ULSTER KINGSTON, NY	40.7	944.89999999999998

Your Specifications

NAD83 Coordinates

Latitude	41-55-53.8 north
Longitude	074-01-35.3 west

Measurements (Meters)

Overall Structure Height (AGL)	23
Support Structure Height (AGL)	23
Site Elevation (AMSL)	57

Structure Type

GTOWER - Guyed Structure Used for Communication Purposes