Doug Vernier, Telecommunications Consultants
401 Main St., Ste 213, Cedar Falls, IA 50613

Contour-to-Contour Allocations Table
Connecticut Public Broadcasting, Inc.

REFERENCE CH# 247D - 97.3 MHz, Pwr= 0.013 kW DA, HAAT= 56.5 M, COR= 246 M DISPLAY DATES
41 23 41.6 N. Average Protected F(50-50)= 4.7 km DATA 08-11-13
73 29 13.8 W. Standard Directional SEARCH 08-12-13

CH CALL / CITY	TYPE ANT / STATE	AZI <--	DIST / FILE #	LAT / LNG	PWR(kW) / HAAT(M)	INT(km) / COR(M)	PRO(km) / LICENSEE	*OUT* (Overlap in km)
247D 1551001	APP DV_	0.0	0.00	41 23 41.6	0.010	10.1	3.1	-13.9*
Danbury	CT	0.0	BNPFT20030317KXP	73 29 13.8		246	Connecticut Public Broadca	
248B WALK-FM	LIC DCN	148.0	72.00	40 50 41.0	39.000	76.2	64.0	0.8
Patchogue	NY	328.3	BLH19910524KA	73 02 01.0	169	192	Aloha Station Trust, Llc	
247A WZBG	LIC _CN	30.6	52.66	41 48 08.0	3.000	76.8	24.8	7.9
Litchfield	CT	210.8	BLH19920813KA	73 09 50.0	100	411	Local Girls And Boys Broad	
246B WQHT	LIC _CX	210.4	83.16	40 44 54.0	6.700	78.1	65.8	9.8
New York	NY	30.0	BMLH20050215AAH	73 59 10.0	408	422	Emmis License Corporation	
250B WSKQ-FM	LIC _CN	210.4	83.16	40 44 54.0	6.000	4.5	65.1	17.7
New York	NY	30.0	BLH19940204KA	73 59 10.0	415	429	Wskq Licensing, Inc.	
247D W247AW	LIC DC_	310.9	55.63	41 43 18.0	0.250	46.8	14.1	28.3
Poughkeepsie	NY	130.6	BLFT20120327AKI	73 59 37.0		338	Sunrise Broadcasting Corpo	
249A WCZX	LIC _CN	310.6	55.63	41 43 11.0	0.300	1.2	25.7	29.6
Hyde Park	NY	130.3	BLH19870803KB	73 59 45.0	314	424	Cumulus Licensing Llc	
245A WRRB	LIC _C_	310.6	55.62	41 43 09.0	0.310	1.2	25.7	29.6
Arlington	NY	130.2	BMLH20001002AHL	73 59 47.0	307	418	Cumulus Licensing Llc	
244A WKLV-FM	LIC NCX	204.8	59.06	40 54 44.0	3.100	2.3	25.5	32.8
Port Chester	NY	24.6	BMLED20110616AAN	73 46 55.0	143	169	Educational Media Foundati	
247A WZAD	LIC _CN	284.8	91.80	41 36 04.0	0.620	83.0	29.5	45.0
Wurtsboro	NY	104.1	BLH19930323KB	74 33 17.0	219	572	Cumulus Licensing Llc	

Terrain database is GLOBE 30 Sec , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= East Zone, Co to 3rd adjacent.
All separation margins (if shown) include rounding
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
Incoming contour overlap is ignored.
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.

HOW TO READ THE FM COMPUTER PRINT-OUT

Translator Reference Station

The computer printout should be self-explanatory for the most part. The parameters of the station being checked, (reference station) are printed in the heading. The 60 dBu protected contour is predicted from the Commission's F(50-50) table. Contour distances are in kilometers and are predicted using the Commission's TVFMINT FORTRAN subroutine. When interference contour distances are less than 16 kilometers the F(50-50) tables are used. If signal contour distances are less than 1.6 km the free-space equation is used.

All distances are derived by the method detailed in Sec. 73.208 of the Rules and Regulations as amended in Docket 80-90. The column labeled "* OUT *" shows the greatest distance in kilometers of overlap (or smallest distance of clearance) between the reference station's interference contour and the database station's protected contour. Negative distance figures in this column indicate outgoing contour overlap. Since translators are able to receive interference there is no “In” or incoming column in this report.

Listed antenna heights and power are the specific antenna heights and power from the FCC database.

Under the "AZI" column, the first row of numbers indicate the True North azimuths from the reference station toward the database stations, while the numbers in the second row indicate the reverse bearings from the database stations to the reference station. Bearings are calculated using spherical trigonometry.

The columns labeled "INT" and "PRO" contain the distance in kilometers of the appropriate interference contour and the protected contour of a data base station.

For I.F. relationships the minimum spacings the "OUT" columns change its significance. The letter "R" stands for the minimum **required** distance in kilometers, while the letter "M" in the next column displays the **available clear space** separation in kilometers. Minimum separation distances when displayed are taken from Sec 73.207 of the rules as amended. Canadian and Mexican separation distances, U/D ratios and protected contour values are from the US/Mexican Working Agreement and the US/Canada Working Agreement".

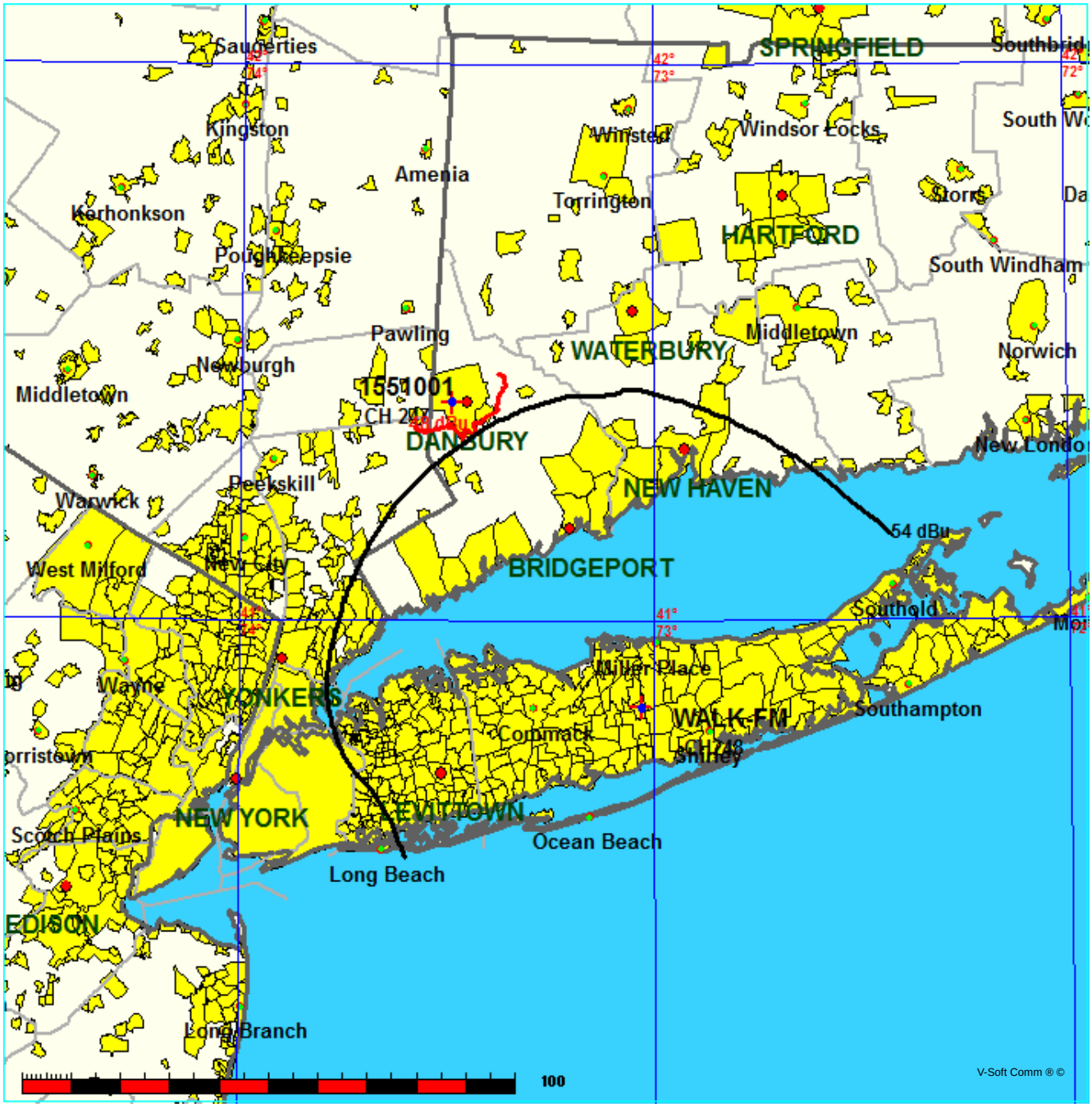
The first three letters of the "TYPE" column identify the current FCC status of the stations. The fourth letter will be a "D" if the facility is directional. “Z” indicates a 73.215 directional. An “N” indicates it is a 73.215 station that operates with an omni-directional antenna. The fifth letter will be an E, H or V depending on the type of antenna polarization. The sixth letter will be a "Y" if the antenna uses beam tilt or an “X” if the commission is not sure, otherwise it will be an “N” or left blank.

Contour-to-Contour Allocations Map - WALK-FM
Connecticut Public Broadcasting, Inc.

FMCommander Single Allocation Study - 08-13-2013 - GLOBE 30 Sec
1551001's Overlaps (In= -8.2 km, Out= 0.82 km)

1551001 CH 247 D DA
Lat= 41 23 41.6, Lng= 73 29 13.8
0.013 kW 56.5 M HAAT, 246 M COR
Prot.= 60 dBu, Intef.= 48 dBu

WALK-FM CH 248 B DA BLH19910524KA
Lat= 40 50 41.0, Lng= 73 02 01.0
39.0 kW 169 M HAAT, 192 M COR
Prot.= 54 dBu, Intef.= 54 dBu

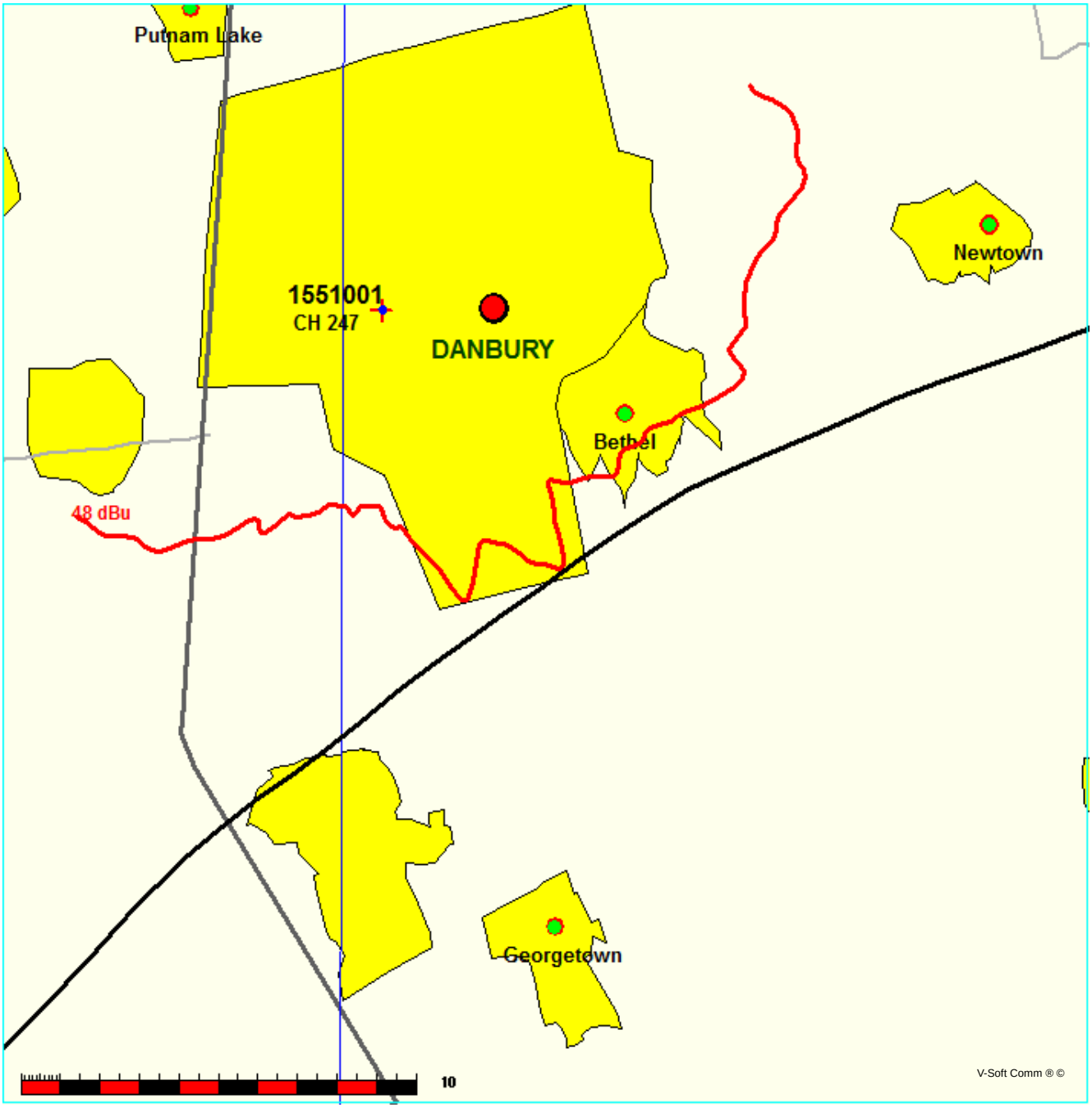


Contour-to-Contour Allocations Map - WALK-FM -Close-up
Connecticut Public Broadcasting, Inc.

FMCommander Single Allocation Study - 08-13-2013 - GLOBE 30 Sec
1551001's Overlaps (In= -8.2 km, Out= 0.82 km)

1551001 CH 247 D DA
Lat= 41 23 41.6, Lng= 73 29 13.8
0.013 kW 56.5 M HAAT, 246 M COR
Prot.= 60 dBu, Intef.= 48 dBu

WALK-FM CH 248 B DA BLH19910524KA
Lat= 40 50 41.0, Lng= 73 02 01.0
39.0 kW 169 M HAAT, 192 M COR
Prot.= 54 dBu, Intef.= 54 dBu

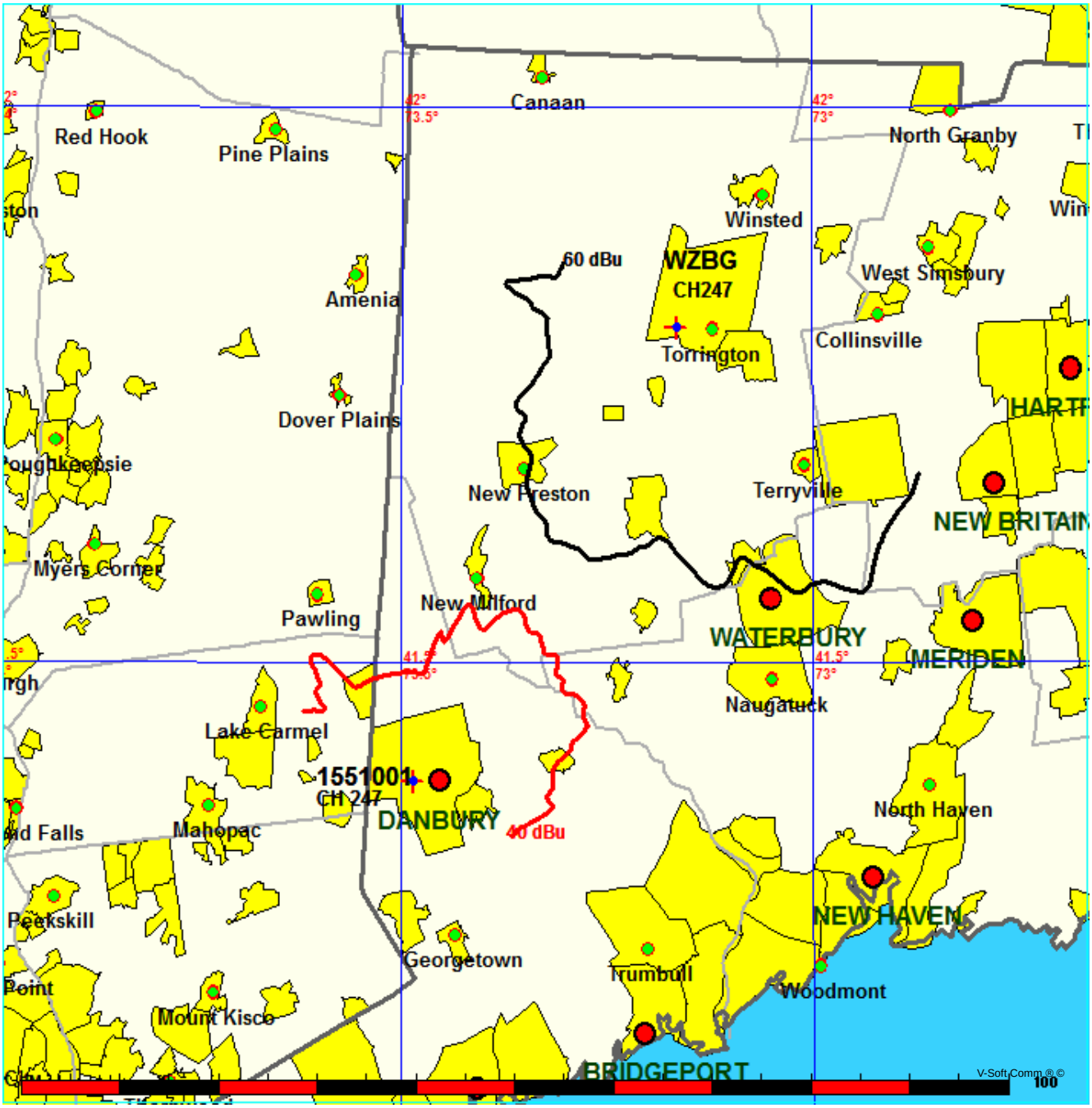


Contour-to-Contour Allocations Map - WZBG
Connecticut Public Broadcasting, Inc.

FMCommander Single Allocation Study - 08-13-2013 - GLOBE 30 Sec
1551001's Overlaps (In= -30.28 km, Out= 7.89 km)

1551001 CH 247 D DA
Lat= 41 23 41.6, Lng= 73 29 13.8
0.013 kW 56.5 M HAAT, 246 M COR
Prot.= 60 dBu, Intef.= 40 dBu

WZBG CH 247 A BLH19920813KA
Lat= 41 48 08.0, Lng= 73 09 50.0
3.0 kW 100 M HAAT, 411 M COR
Prot.= 60 dBu, Intef.= 40 dBu



08-13-2013 Terrain Data: GLOBE 30 Sec FMOver Analysis

WZBG BLH19920813KA	1551001
Channel = 247A	Channel = 247D
Max ERP = 3 kW	Max ERP = 0.013 kW
RCAMSL = 411 M	RCAMSL = 246 M
N. Lat. 41 48 08.0	N. Lat. 41 23 41.6
W. Lng. 73 09 50.0	W. Lng. 73 29 13.8
Protected	Interfering
60 dBu	40 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
151.0	003.0000	0153.5	029.2	064.2	000.0077	0110.1	045.6	25.08	
152.0	003.0000	0152.6	029.1	064.1	000.0077	0109.9	045.1	25.28	
153.0	003.0000	0152.9	029.1	064.2	000.0077	0110.0	044.6	25.49	
154.0	003.0000	0154.7	029.3	064.4	000.0076	0110.5	044.1	25.71	
155.0	003.0000	0155.2	029.3	064.4	000.0076	0110.6	043.6	25.92	
156.0	003.0000	0151.2	029.0	064.0	000.0077	0109.6	043.1	26.09	
157.0	003.0000	0143.1	028.3	063.0	000.0078	0106.7	042.6	26.13	
158.0	003.0000	0133.4	027.4	061.8	000.0079	0102.5	042.2	26.06	
159.0	003.0000	0124.0	026.6	060.6	000.0081	0097.7	041.8	25.88	
160.0	003.0000	0116.6	026.0	059.6	000.0082	0095.3	041.5	25.88	
161.0	003.0000	0111.4	025.5	058.8	000.0083	0095.2	041.1	26.06	
162.0	003.0000	0107.3	025.0	058.1	000.0084	0096.3	040.8	26.34	
163.0	003.0000	0102.2	024.5	057.2	000.0085	0098.2	040.5	26.67	
164.0	003.0000	0098.0	024.0	056.3	000.0086	0098.5	040.2	26.86	
165.0	003.0000	0097.1	023.9	056.0	000.0086	0098.3	039.9	27.01	
166.0	003.0000	0100.3	024.3	056.3	000.0086	0098.5	039.4	27.23	
167.0	003.0000	0105.9	024.9	057.0	000.0085	0098.4	038.7	27.45	
168.0	003.0000	0111.9	025.5	057.6	000.0084	0097.3	038.1	27.59	
169.0	003.0000	0117.0	026.0	058.1	000.0084	0096.3	037.5	27.73	
170.0	003.0000	0119.4	026.2	058.2	000.0084	0096.2	037.0	27.94	
171.0	003.0000	0120.5	026.3	058.0	000.0084	0096.4	036.6	28.17	
172.0	003.0000	0120.2	026.3	057.7	000.0084	0097.2	036.1	28.44	
173.0	003.0000	0117.6	026.1	057.1	000.0085	0098.3	035.8	28.73	
174.0	003.0000	0113.4	025.7	056.2	000.0086	0098.4	035.6	28.89	
175.0	003.0000	0108.3	025.1	055.1	000.0087	0096.8	035.5	28.86	
176.0	003.0000	0103.6	024.6	054.0	000.0088	0095.2	035.3	28.83	
177.0	003.0000	0098.7	024.1	052.9	000.0090	0096.0	035.3	28.99	
178.0	003.0000	0094.5	023.6	051.8	000.0091	0099.2	035.2	29.37	
179.0	003.0000	0090.4	023.1	050.8	000.0092	0102.4	035.2	29.71	
180.0	003.0000	0087.5	022.7	049.9	000.0093	0103.6	035.1	29.90	
181.0	003.0000	0084.1	022.3	048.9	000.0094	0101.8	035.1	29.80	
182.0	003.0000	0080.7	021.8	048.0	000.0095	0098.6	035.2	29.55	
183.0	003.0000	0077.7	021.4	047.1	000.0096	0095.9	035.2	29.34	
184.0	003.0000	0075.7	021.2	046.4	000.0097	0095.1	035.1	29.33	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
185.0	003.0000	0075.8	021.2	045.9	000.0097	0095.4	034.8	29.49
186.0	003.0000	0077.0	021.3	045.6	000.0097	0095.7	034.5	29.70
187.0	003.0000	0079.1	021.6	045.4	000.0098	0095.9	034.0	29.94
188.0	003.0000	0081.7	022.0	045.3	000.0098	0096.1	033.5	30.20
189.0	003.0000	0083.4	022.2	045.0	000.0098	0096.6	033.1	30.45
190.0	003.0000	0084.7	022.3	044.6	000.0098	0097.0	032.7	30.68
191.0	003.0000	0087.4	022.7	044.4	000.0099	0097.2	032.2	30.95
192.0	003.0000	0090.7	023.1	044.2	000.0099	0097.3	031.7	31.25
193.0	003.0000	0092.8	023.4	043.8	000.0099	0097.7	031.2	31.52
194.0	003.0000	0093.7	023.5	043.2	000.0100	0098.1	030.9	31.73
195.0	003.0000	0094.8	023.6	042.7	000.0101	0098.8	030.6	31.99
196.0	003.0000	0096.2	023.8	042.1	000.0101	0099.6	030.3	32.28
197.0	003.0000	0098.4	024.0	041.6	000.0102	0100.5	029.9	32.61
198.0	003.0000	0100.4	024.3	041.1	000.0102	0100.8	029.5	32.89
199.0	003.0000	0102.3	024.5	040.5	000.0103	0100.3	029.1	33.09
200.0	003.0000	0104.3	024.7	039.8	000.0104	0099.0	028.8	33.20
201.0	003.0000	0105.7	024.9	039.1	000.0104	0097.1	028.5	33.22
202.0	003.0000	0105.3	024.8	038.3	000.0105	0096.0	028.4	33.19
203.0	003.0000	0103.1	024.6	037.3	000.0106	0096.9	028.5	33.24
204.0	003.0000	0101.4	024.4	036.4	000.0107	0098.6	028.6	33.39
205.0	003.0000	0100.8	024.3	035.5	000.0107	0100.2	028.6	33.58
206.0	003.0000	0100.9	024.3	034.7	000.0108	0101.8	028.5	33.81
207.0	003.0000	0101.4	024.4	033.8	000.0109	0103.2	028.4	34.03
208.0	003.0000	0102.2	024.5	033.0	000.0110	0104.5	028.2	34.26
209.0	003.0000	0103.2	024.6	032.2	000.0110	0104.1	028.1	34.35
210.0	003.0000	0104.4	024.7	031.3	000.0111	0102.3	027.9	34.31
211.0	003.0000	0105.4	024.8	030.4	000.0112	0099.3	027.8	34.14
212.0	003.0000	0105.3	024.8	029.5	000.0113	0096.2	027.9	33.85
213.0	003.0000	0102.5	024.5	028.7	000.0113	0092.3	028.2	33.27
214.0	003.0000	0097.6	023.9	027.9	000.0114	0087.3	028.8	32.41
215.0	003.0000	0093.7	023.5	027.2	000.0114	0081.9	029.3	31.54
216.0	003.0000	0093.1	023.4	026.4	000.0115	0076.8	029.4	30.90
217.0	003.0000	0093.6	023.5	025.6	000.0115	0073.6	029.5	30.55
218.0	003.0000	0092.8	023.4	024.9	000.0116	0073.1	029.6	30.40
219.0	003.0000	0091.2	023.2	024.2	000.0116	0073.4	029.9	30.30
220.0	003.0000	0089.4	022.9	023.6	000.0116	0074.1	030.2	30.22
221.0	003.0000	0087.7	022.7	023.0	000.0117	0075.2	030.6	30.19
222.0	003.0000	0086.2	022.5	022.4	000.0117	0076.1	030.9	30.15
223.0	003.0000	0084.3	022.3	021.9	000.0118	0077.2	031.2	30.11
224.0	003.0000	0081.8	022.0	021.5	000.0118	0078.3	031.7	30.03
225.0	003.0000	0078.9	021.6	021.1	000.0118	0079.4	032.2	29.92
226.0	003.0000	0075.1	021.1	020.9	000.0118	0080.1	032.8	29.72
227.0	003.0000	0071.0	020.5	020.7	000.0118	0080.7	033.5	29.49
228.0	003.0000	0067.2	020.0	020.6	000.0118	0081.2	034.1	29.26
229.0	003.0000	0064.6	019.6	020.4	000.0119	0081.9	034.6	29.14
230.0	003.0000	0063.6	019.5	020.0	000.0119	0083.3	034.8	29.16
231.0	003.0000	0063.8	019.5	019.5	000.0119	0084.9	035.0	29.28
232.0	003.0000	0063.9	019.5	019.0	000.0119	0086.1	035.2	29.32
233.0	003.0000	0063.7	019.5	018.6	000.0119	0086.4	035.4	29.27
234.0	003.0000	0063.5	019.5	018.1	000.0120	0086.2	035.6	29.16
235.0	003.0000	0063.1	019.4	017.7	000.0120	0085.3	035.8	28.96

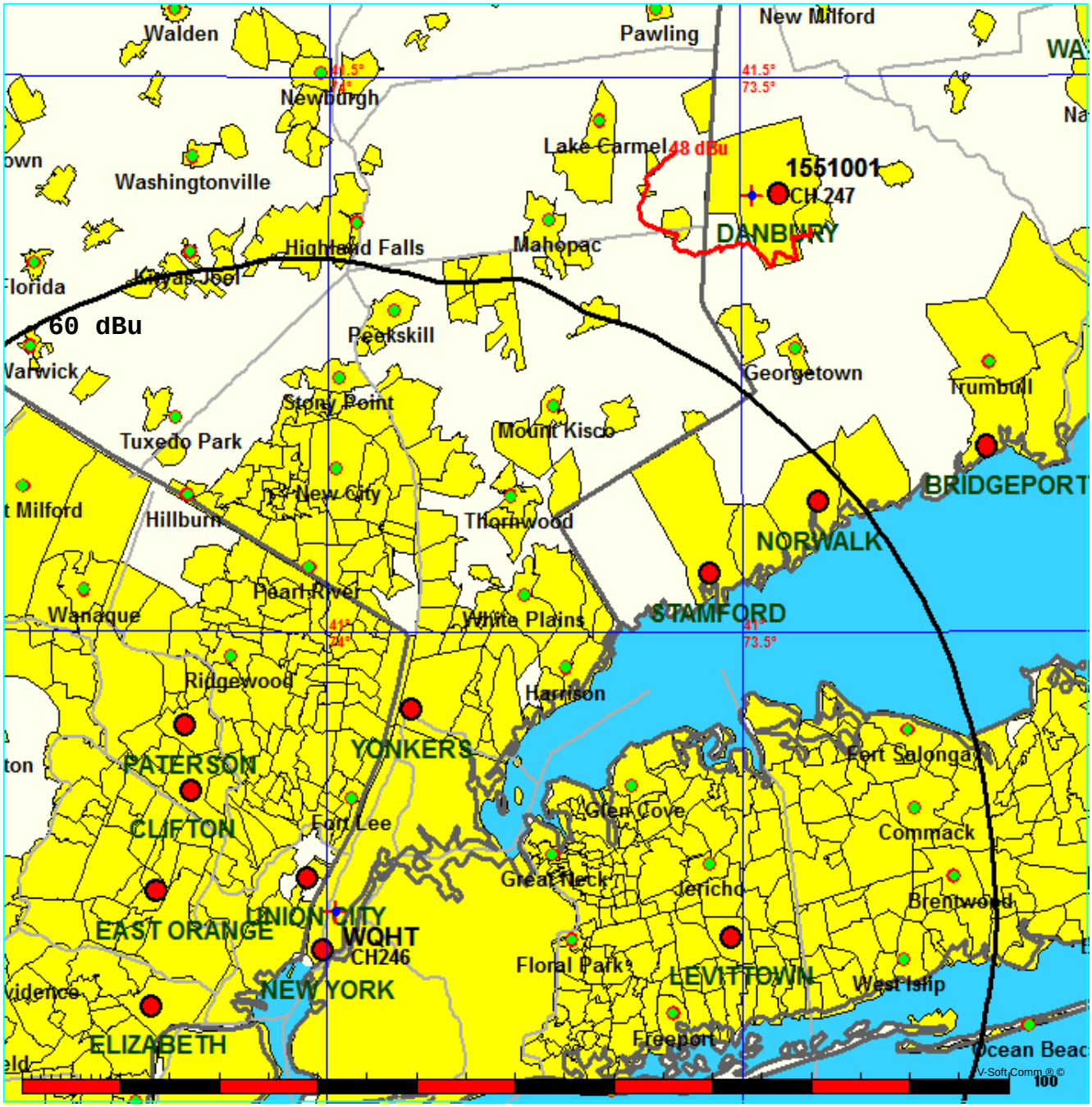
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
236.0	003.0000	0062.4	019.3	017.4	000.0120	0084.1	036.1	28.72
237.0	003.0000	0060.2	019.0	017.3	000.0120	0083.6	036.6	28.48
238.0	003.0000	0057.0	018.5	017.4	000.0120	0084.1	037.2	28.27
239.0	003.0000	0054.4	018.1	017.5	000.0120	0084.4	037.7	28.06
240.0	003.0000	0053.2	017.8	017.4	000.0120	0083.9	038.1	27.86
241.0	003.0000	0053.4	017.9	017.0	000.0120	0081.8	038.3	27.57
242.0	003.0000	0054.1	018.0	016.5	000.0120	0078.5	038.4	27.19
243.0	003.0000	0054.9	018.2	016.0	000.0121	0074.7	038.5	26.73
244.0	003.0000	0055.4	018.2	015.6	000.0121	0071.1	038.7	26.27
245.0	003.0000	0054.9	018.2	015.4	000.0121	0069.1	039.0	25.94
246.0	003.0000	0052.9	017.8	015.5	000.0121	0070.1	039.5	25.85
247.0	003.0000	0049.8	017.2	015.9	000.0121	0073.7	040.1	25.99
248.0	003.0000	0046.3	016.5	016.5	000.0120	0078.1	040.8	26.17
249.0	003.0000	0043.2	015.8	016.9	000.0120	0081.4	041.4	26.26
250.0	003.0000	0041.3	015.4	017.2	000.0120	0082.8	041.9	26.20
251.0	003.0000	0039.8	015.1	017.3	000.0120	0083.4	042.3	26.10
252.0	003.0000	0038.5	014.8	017.3	000.0120	0083.7	042.6	25.99
253.0	003.0000	0037.3	014.6	017.4	000.0120	0084.0	043.0	25.88
254.0	003.0000	0035.6	014.3	017.6	000.0120	0084.7	043.4	25.79
255.0	003.0000	0033.8	013.9	017.8	000.0120	0085.3	043.8	25.70
256.0	003.0000	0032.2	013.6	017.9	000.0120	0085.8	044.1	25.60
257.0	003.0000	0030.3	013.3	018.2	000.0120	0086.2	044.5	25.49
258.0	003.0000	0028.7	013.2	018.1	000.0120	0086.1	044.7	25.39
259.0	003.0000	0027.7	013.2	017.9	000.0120	0085.7	044.9	25.29
260.0	003.0000	0026.8	013.2	017.8	000.0120	0085.4	045.1	25.18
261.0	003.0000	0025.7	013.2	017.6	000.0120	0084.9	045.4	25.06
262.0	003.0000	0024.5	013.2	017.5	000.0120	0084.4	045.6	24.94
263.0	003.0000	0022.8	013.2	017.4	000.0120	0083.9	045.8	24.82
264.0	003.0000	0021.8	013.2	017.3	000.0120	0083.4	046.0	24.70
265.0	003.0000	0021.4	013.2	017.2	000.0120	0082.8	046.2	24.56
266.0	003.0000	0020.9	013.2	017.1	000.0120	0082.2	046.4	24.43
267.0	003.0000	0020.1	013.2	017.0	000.0120	0081.6	046.6	24.30
268.0	003.0000	0020.9	013.2	016.9	000.0120	0081.0	046.8	24.17
269.0	003.0000	0023.1	013.2	016.8	000.0120	0080.3	047.1	24.03
270.0	003.0000	0025.2	013.2	016.7	000.0120	0079.7	047.3	23.90

Contour-to-Contour Allocations Map - WQHT
Connecticut Public Broadcasting, Inc.

FMCommander Single Allocation Study - 08-13-2013 - GLOBE 30 Sec
1551001's Overlaps (In= 0.81 km, Out= 9.77 km)

1551001 CH 247 D DA
Lat= 41 23 41.6, Lng= 73 29 13.8
0.013 kW 56.5 M HAAT, 246 M COR
Prot. = 60 dBu, Intef.= 48 dBu

WQHT CH 246 B BMLH20050215AAH
Lat= 40 44 54.0, Lng= 73 59 10.0
6.7 kW 408 M HAAT, 422 M COR
Prot.= 54 dBu, Intef.= 54 dBu



08-13-2013 Terrain Data: GLOBE 30 Sec FMOver Analysis

WQHT BMLH20050215AAH	1551001
Channel = 246B	Channel = 247D
Max ERP = 6.7 kW	Max ERP = 0.013 kW
RCAMSL = 422 M	RCAMSL = 246 M
N. Lat. 40 44 54.0	N. Lat. 41 23 41.6
W. Lng. 73 59 10.0	W. Lng. 73 29 13.8
Protected	Interfering
54 dBu	48 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
330.0	006.7000	0403.3	066.2	259.2	000.0103	0097.7	076.1	15.16	
331.0	006.7000	0403.8	066.2	259.5	000.0103	0097.2	075.0	15.45	
332.0	006.7000	0403.8	066.2	259.8	000.0103	0096.8	073.9	15.76	
333.0	006.7000	0403.8	066.2	260.0	000.0103	0096.5	072.8	16.07	
334.0	006.7000	0404.1	066.2	260.3	000.0104	0096.2	071.7	16.38	
335.0	006.7000	0404.4	066.2	260.6	000.0104	0096.2	070.6	16.71	
336.0	006.7000	0404.2	066.2	260.8	000.0104	0096.2	069.5	17.04	
337.0	006.7000	0403.3	066.2	261.0	000.0104	0096.3	068.4	17.39	
338.0	006.7000	0402.3	066.1	261.2	000.0104	0096.3	067.2	17.73	
339.0	006.7000	0402.6	066.1	261.4	000.0105	0096.3	066.1	18.08	
340.0	006.7000	0403.8	066.2	261.7	000.0105	0096.2	065.0	18.42	
341.0	006.7000	0404.4	066.2	261.9	000.0105	0096.2	063.9	18.77	
342.0	006.7000	0403.9	066.2	262.0	000.0105	0096.2	062.7	19.13	
343.0	006.7000	0402.8	066.1	262.1	000.0105	0096.2	061.6	19.52	
344.0	006.7000	0401.3	066.0	262.2	000.0105	0096.2	060.4	19.91	
345.0	006.7000	0399.7	065.9	262.3	000.0105	0096.3	059.3	20.32	
346.0	006.7000	0398.2	065.8	262.3	000.0105	0096.3	058.1	20.74	
347.0	006.7000	0396.5	065.7	262.3	000.0105	0096.3	057.0	21.16	
348.0	006.7000	0394.8	065.6	262.3	000.0105	0096.3	055.8	21.58	
349.0	006.7000	0393.0	065.5	262.2	000.0105	0096.3	054.7	22.00	
350.0	006.7000	0391.6	065.4	262.2	000.0105	0096.2	053.5	22.43	
351.0	006.7000	0391.6	065.4	262.2	000.0105	0096.2	052.4	22.86	
352.0	006.7000	0393.1	065.5	262.3	000.0105	0096.3	051.2	23.31	
353.0	006.7000	0394.6	065.6	262.4	000.0106	0096.4	050.1	23.74	
354.0	006.7000	0395.4	065.7	262.5	000.0106	0096.4	048.9	24.17	
355.0	006.7000	0395.2	065.6	262.4	000.0105	0096.4	047.8	24.59	
356.0	006.7000	0394.1	065.6	262.2	000.0105	0096.2	046.7	25.00	
357.0	006.7000	0392.7	065.5	262.0	000.0105	0096.2	045.5	25.42	
358.0	006.7000	0392.0	065.4	261.8	000.0105	0096.2	044.4	25.86	
359.0	006.7000	0390.7	065.4	261.5	000.0105	0096.3	043.3	26.30	
000.0	006.7000	0388.6	065.2	261.1	000.0104	0096.3	042.2	26.73	
001.0	006.7000	0385.7	065.1	260.6	000.0104	0096.2	041.1	27.15	
002.0	006.7000	0382.8	064.9	260.0	000.0103	0096.5	040.0	27.61	
003.0	006.7000	0379.1	064.6	259.3	000.0103	0097.6	039.0	28.11	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
004.0	006.7000	0377.4	064.5	258.7	000.0102	0098.4	037.9	28.62
005.0	006.7000	0376.4	064.5	258.1	000.0101	0099.1	036.8	29.12
006.0	006.7000	0373.8	064.3	257.3	000.0101	0099.4	035.8	29.57
007.0	006.7000	0370.8	064.1	256.4	000.0100	0098.1	034.8	29.85
008.0	006.7000	0368.7	064.0	255.5	000.0099	0095.4	033.8	30.02
009.0	006.7000	0368.0	063.9	254.6	000.0098	0093.1	032.8	30.23
010.0	006.7000	0368.8	064.0	253.9	000.0097	0091.3	031.8	30.50
011.0	006.7000	0372.2	064.2	253.3	000.0096	0089.6	030.7	30.85
012.0	006.7000	0376.6	064.5	252.7	000.0096	0088.2	029.6	31.29
013.0	006.7000	0382.0	064.8	252.2	000.0095	0086.9	028.4	31.80
014.0	006.7000	0388.2	065.2	251.7	000.0095	0085.4	027.3	32.35
015.0	006.7000	0394.6	065.6	251.0	000.0094	0083.3	026.1	32.85
016.0	006.7000	0398.6	065.9	250.0	000.0093	0079.5	025.0	33.13
017.0	006.7000	0399.4	065.9	248.5	000.0091	0074.2	024.1	33.10
018.0	006.7000	0397.5	065.8	246.4	000.0089	0070.2	023.3	33.10
019.0	006.7000	0394.9	065.6	244.2	000.0086	0064.1	022.6	32.77
020.0	006.7000	0391.9	065.4	241.7	000.0083	0059.2	021.9	32.51
021.0	006.7000	0388.4	065.2	239.0	000.0080	0067.7	021.4	33.85
022.0	006.7000	0385.2	065.0	236.2	000.0077	0074.8	020.9	34.92
023.0	006.7000	0384.5	065.0	233.4	000.0074	0073.7	020.3	35.06
024.0	006.7000	0386.4	065.1	230.7	000.0071	0072.5	019.7	35.27
025.0	006.7000	0389.9	065.3	227.9	000.0068	0066.8	019.0	34.96
026.0	006.7000	0394.1	065.6	224.9	000.0065	0067.3	018.3	35.37
027.0	006.7000	0397.4	065.8	221.6	000.0062	0061.7	017.8	34.90
028.0	006.7000	0398.4	065.9	218.0	000.0058	0053.7	017.5	33.76
029.0	006.7000	0397.9	065.8	214.2	000.0055	0046.8	017.4	32.32
030.0	006.7000	0397.8	065.8	210.5	000.0052	0041.6	017.4	30.99
031.0	006.7000	0398.6	065.9	206.7	000.0050	0040.1	017.3	30.43
032.0	006.7000	0399.6	065.9	202.9	000.0047	0036.2	017.4	29.25
033.0	006.7000	0400.8	066.0	199.1	000.0045	0034.1	017.6	28.39
034.0	006.7000	0402.4	066.1	195.5	000.0044	0027.0	017.8	27.04
035.0	006.7000	0404.1	066.2	191.9	000.0042	0024.4	018.1	26.64
036.0	006.7000	0405.4	066.3	188.5	000.0041	0032.8	018.6	26.87
037.0	006.7000	0406.0	066.3	185.4	000.0041	0019.5	019.1	25.65
038.0	006.7000	0405.8	066.3	182.6	000.0040	0024.0	019.8	25.04
039.0	006.7000	0405.1	066.3	180.1	000.0039	0034.1	020.5	25.39
040.0	006.7000	0404.5	066.2	177.7	000.0039	0037.2	021.3	25.50
041.0	006.7000	0404.7	066.3	175.5	000.0039	0037.4	022.1	24.90
042.0	006.7000	0405.6	066.3	173.4	000.0038	0042.2	022.9	25.31
043.0	006.7000	0406.7	066.4	171.5	000.0038	0046.4	023.7	25.52
044.0	006.7000	0407.8	066.4	169.7	000.0038	0049.8	024.6	25.51
045.0	006.7000	0408.6	066.5	168.1	000.0038	0055.9	025.6	25.87
046.0	006.7000	0409.4	066.5	166.7	000.0038	0063.2	026.5	26.20
047.0	006.7000	0410.0	066.6	165.4	000.0038	0069.8	027.5	26.38
048.0	006.7000	0410.9	066.6	164.2	000.0038	0072.1	028.5	26.03
049.0	006.7000	0411.9	066.7	163.2	000.0037	0069.9	029.6	25.15
050.0	006.7000	0412.7	066.8	162.2	000.0037	0066.2	030.6	24.14
051.0	006.7000	0413.3	066.8	161.4	000.0037	0062.4	031.7	23.12
052.0	006.7000	0413.7	066.8	160.6	000.0037	0059.2	032.8	22.23
053.0	006.7000	0413.8	066.8	160.0	000.0037	0057.0	033.9	21.44
054.0	006.7000	0413.7	066.8	159.5	000.0037	0055.4	035.0	20.74

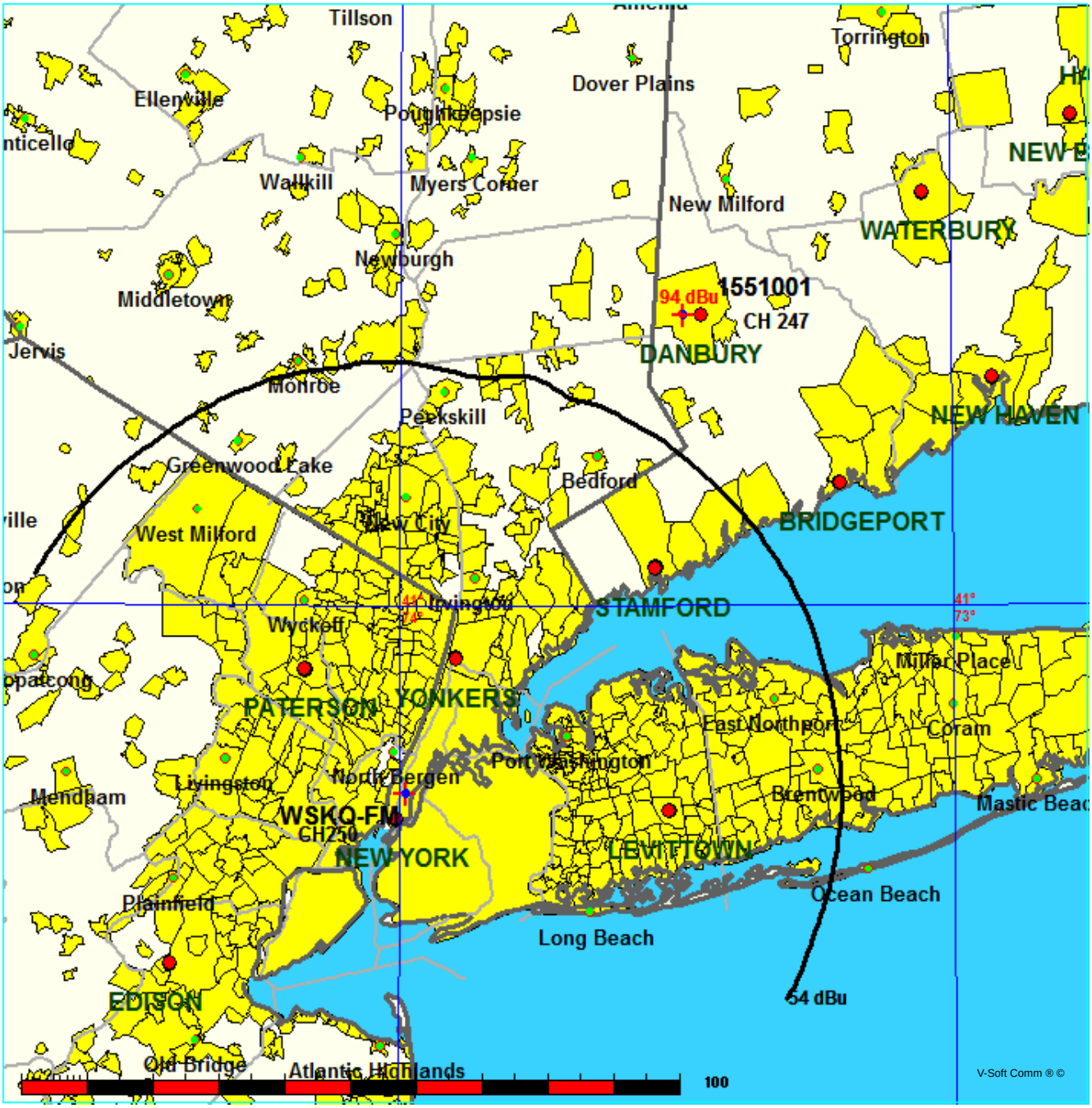
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
055.0	006.7000	0413.5	066.8	159.1	000.0037	0054.1	036.1	20.09
056.0	006.7000	0413.4	066.8	158.7	000.0037	0053.0	037.3	19.47
057.0	006.7000	0413.6	066.8	158.3	000.0037	0052.0	038.4	18.87
058.0	006.7000	0414.0	066.8	157.9	000.0037	0051.1	039.6	18.31
059.0	006.7000	0414.6	066.9	157.6	000.0037	0050.5	040.7	17.78
060.0	006.7000	0415.2	066.9	157.4	000.0037	0049.9	041.9	17.29
061.0	006.7000	0415.7	066.9	157.1	000.0037	0049.7	043.0	16.86
062.0	006.7000	0415.9	067.0	157.0	000.0037	0049.5	044.2	16.46
063.0	006.7000	0416.0	067.0	156.9	000.0037	0049.5	045.3	16.07
064.0	006.7000	0416.1	067.0	156.8	000.0037	0049.5	046.5	15.72
065.0	006.7000	0416.3	067.0	156.7	000.0037	0049.5	047.7	15.37
066.0	006.7000	0416.4	067.0	156.7	000.0037	0049.5	048.9	15.04
067.0	006.7000	0416.3	067.0	156.7	000.0037	0049.5	050.0	14.70
068.0	006.7000	0415.7	066.9	156.8	000.0037	0049.5	051.2	14.36
069.0	006.7000	0414.7	066.9	156.9	000.0037	0049.5	052.4	14.02
070.0	006.7000	0413.7	066.8	157.0	000.0037	0049.6	053.5	13.69
071.0	006.7000	0412.8	066.8	157.2	000.0037	0049.7	054.7	13.37
072.0	006.7000	0412.3	066.7	157.3	000.0037	0049.8	055.8	13.05
073.0	006.7000	0412.1	066.7	157.4	000.0037	0050.0	057.0	12.74
074.0	006.7000	0412.2	066.7	157.5	000.0037	0050.3	058.2	12.45
075.0	006.7000	0412.4	066.7	157.7	000.0037	0050.5	059.3	12.15
076.0	006.7000	0412.5	066.7	157.8	000.0037	0050.9	060.5	11.87
077.0	006.7000	0412.3	066.7	158.0	000.0037	0051.3	061.6	11.61
078.0	006.7000	0411.9	066.7	158.2	000.0037	0051.8	062.8	11.36
079.0	006.7000	0411.5	066.7	158.4	000.0037	0052.4	063.9	11.12
080.0	006.7000	0411.0	066.7	158.6	000.0037	0053.0	065.0	10.89
081.0	006.7000	0410.6	066.6	158.9	000.0037	0053.7	066.2	10.67
082.0	006.7000	0410.1	066.6	159.1	000.0037	0054.3	067.3	10.44
083.0	006.7000	0409.6	066.6	159.4	000.0037	0055.1	068.4	10.22
084.0	006.7000	0409.1	066.5	159.6	000.0037	0055.8	069.5	10.00
085.0	006.7000	0409.1	066.5	159.9	000.0037	0056.5	070.6	09.78
086.0	006.7000	0409.2	066.5	160.1	000.0037	0057.4	071.8	09.56
087.0	006.7000	0409.5	066.6	160.4	000.0037	0058.3	072.9	09.34
088.0	006.7000	0410.0	066.6	160.6	000.0037	0059.2	074.0	09.12
089.0	006.7000	0410.5	066.6	160.9	000.0037	0060.3	075.1	08.91

Contour-to-Contour Allocations Map - WSKQ-FM
Connecticut Public Broadcasting, Inc.

FMCommander Single Allocation Study - 08-13-2013 - GLOBE 30 Sec
1551001's Overlaps (In= 74.42 km, Out= 17.73 km)

1551001 CH 247 D DA
Lat= 41 23 41.6, Lng= 73 29 13.8
0.013 kW 56.5 M HAAT, 246 M COR
Prot.= 60 dBu, Intef.= 94 dBu

WSKQ-FM CH 250 B BLH19940204KA
Lat= 40 44 54.0, Lng= 73 59 10.0
6.0 kW 415 M HAAT, 429 M COR
Prot.= 54 dBu, Intef.= 100 dBu



08-13-2013 Terrain Data: GLOBE 30 Sec FMOver Analysis

WQHT BMLH20050215AAH	1551001
Channel = 246B	Channel = 247D
Max ERP = 6.7 kW	Max ERP = 0.013 kW
RCAMSL = 422 M	RCAMSL = 246 M
N. Lat. 40 44 54.0	N. Lat. 41 23 41.6
W. Lng. 73 59 10.0	W. Lng. 73 29 13.8
Protected	Interfering
54 dBu	48 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)	IX (km)
330.0	006.7000	0403.3	066.2	259.2	000.0103	0097.7	076.1	15.16	
331.0	006.7000	0403.8	066.2	259.5	000.0103	0097.2	075.0	15.45	
332.0	006.7000	0403.8	066.2	259.8	000.0103	0096.8	073.9	15.76	
333.0	006.7000	0403.8	066.2	260.0	000.0103	0096.5	072.8	16.07	
334.0	006.7000	0404.1	066.2	260.3	000.0104	0096.2	071.7	16.38	
335.0	006.7000	0404.4	066.2	260.6	000.0104	0096.2	070.6	16.71	
336.0	006.7000	0404.2	066.2	260.8	000.0104	0096.2	069.5	17.04	
337.0	006.7000	0403.3	066.2	261.0	000.0104	0096.3	068.4	17.39	
338.0	006.7000	0402.3	066.1	261.2	000.0104	0096.3	067.2	17.73	
339.0	006.7000	0402.6	066.1	261.4	000.0105	0096.3	066.1	18.08	
340.0	006.7000	0403.8	066.2	261.7	000.0105	0096.2	065.0	18.42	
341.0	006.7000	0404.4	066.2	261.9	000.0105	0096.2	063.9	18.77	
342.0	006.7000	0403.9	066.2	262.0	000.0105	0096.2	062.7	19.13	
343.0	006.7000	0402.8	066.1	262.1	000.0105	0096.2	061.6	19.52	
344.0	006.7000	0401.3	066.0	262.2	000.0105	0096.2	060.4	19.91	
345.0	006.7000	0399.7	065.9	262.3	000.0105	0096.3	059.3	20.32	
346.0	006.7000	0398.2	065.8	262.3	000.0105	0096.3	058.1	20.74	
347.0	006.7000	0396.5	065.7	262.3	000.0105	0096.3	057.0	21.16	
348.0	006.7000	0394.8	065.6	262.3	000.0105	0096.3	055.8	21.58	
349.0	006.7000	0393.0	065.5	262.2	000.0105	0096.3	054.7	22.00	
350.0	006.7000	0391.6	065.4	262.2	000.0105	0096.2	053.5	22.43	
351.0	006.7000	0391.6	065.4	262.2	000.0105	0096.2	052.4	22.86	
352.0	006.7000	0393.1	065.5	262.3	000.0105	0096.3	051.2	23.31	
353.0	006.7000	0394.6	065.6	262.4	000.0106	0096.4	050.1	23.74	
354.0	006.7000	0395.4	065.7	262.5	000.0106	0096.4	048.9	24.17	
355.0	006.7000	0395.2	065.6	262.4	000.0105	0096.4	047.8	24.59	
356.0	006.7000	0394.1	065.6	262.2	000.0105	0096.2	046.7	25.00	
357.0	006.7000	0392.7	065.5	262.0	000.0105	0096.2	045.5	25.42	
358.0	006.7000	0392.0	065.4	261.8	000.0105	0096.2	044.4	25.86	
359.0	006.7000	0390.7	065.4	261.5	000.0105	0096.3	043.3	26.30	
000.0	006.7000	0388.6	065.2	261.1	000.0104	0096.3	042.2	26.73	
001.0	006.7000	0385.7	065.1	260.6	000.0104	0096.2	041.1	27.15	
002.0	006.7000	0382.8	064.9	260.0	000.0103	0096.5	040.0	27.61	
003.0	006.7000	0379.1	064.6	259.3	000.0103	0097.6	039.0	28.11	

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
004.0	006.7000	0377.4	064.5	258.7	000.0102	0098.4	037.9	28.62
005.0	006.7000	0376.4	064.5	258.1	000.0101	0099.1	036.8	29.12
006.0	006.7000	0373.8	064.3	257.3	000.0101	0099.4	035.8	29.57
007.0	006.7000	0370.8	064.1	256.4	000.0100	0098.1	034.8	29.85
008.0	006.7000	0368.7	064.0	255.5	000.0099	0095.4	033.8	30.02
009.0	006.7000	0368.0	063.9	254.6	000.0098	0093.1	032.8	30.23
010.0	006.7000	0368.8	064.0	253.9	000.0097	0091.3	031.8	30.50
011.0	006.7000	0372.2	064.2	253.3	000.0096	0089.6	030.7	30.85
012.0	006.7000	0376.6	064.5	252.7	000.0096	0088.2	029.6	31.29
013.0	006.7000	0382.0	064.8	252.2	000.0095	0086.9	028.4	31.80
014.0	006.7000	0388.2	065.2	251.7	000.0095	0085.4	027.3	32.35
015.0	006.7000	0394.6	065.6	251.0	000.0094	0083.3	026.1	32.85
016.0	006.7000	0398.6	065.9	250.0	000.0093	0079.5	025.0	33.13
017.0	006.7000	0399.4	065.9	248.5	000.0091	0074.2	024.1	33.10
018.0	006.7000	0397.5	065.8	246.4	000.0089	0070.2	023.3	33.10
019.0	006.7000	0394.9	065.6	244.2	000.0086	0064.1	022.6	32.77
020.0	006.7000	0391.9	065.4	241.7	000.0083	0059.2	021.9	32.51
021.0	006.7000	0388.4	065.2	239.0	000.0080	0067.7	021.4	33.85
022.0	006.7000	0385.2	065.0	236.2	000.0077	0074.8	020.9	34.92
023.0	006.7000	0384.5	065.0	233.4	000.0074	0073.7	020.3	35.06
024.0	006.7000	0386.4	065.1	230.7	000.0071	0072.5	019.7	35.27
025.0	006.7000	0389.9	065.3	227.9	000.0068	0066.8	019.0	34.96
026.0	006.7000	0394.1	065.6	224.9	000.0065	0067.3	018.3	35.37
027.0	006.7000	0397.4	065.8	221.6	000.0062	0061.7	017.8	34.90
028.0	006.7000	0398.4	065.9	218.0	000.0058	0053.7	017.5	33.76
029.0	006.7000	0397.9	065.8	214.2	000.0055	0046.8	017.4	32.32
030.0	006.7000	0397.8	065.8	210.5	000.0052	0041.6	017.4	30.99
031.0	006.7000	0398.6	065.9	206.7	000.0050	0040.1	017.3	30.43
032.0	006.7000	0399.6	065.9	202.9	000.0047	0036.2	017.4	29.25
033.0	006.7000	0400.8	066.0	199.1	000.0045	0034.1	017.6	28.39
034.0	006.7000	0402.4	066.1	195.5	000.0044	0027.0	017.8	27.04
035.0	006.7000	0404.1	066.2	191.9	000.0042	0024.4	018.1	26.64
036.0	006.7000	0405.4	066.3	188.5	000.0041	0032.8	018.6	26.87
037.0	006.7000	0406.0	066.3	185.4	000.0041	0019.5	019.1	25.65
038.0	006.7000	0405.8	066.3	182.6	000.0040	0024.0	019.8	25.04
039.0	006.7000	0405.1	066.3	180.1	000.0039	0034.1	020.5	25.39
040.0	006.7000	0404.5	066.2	177.7	000.0039	0037.2	021.3	25.50
041.0	006.7000	0404.7	066.3	175.5	000.0039	0037.4	022.1	24.90
042.0	006.7000	0405.6	066.3	173.4	000.0038	0042.2	022.9	25.31
043.0	006.7000	0406.7	066.4	171.5	000.0038	0046.4	023.7	25.52
044.0	006.7000	0407.8	066.4	169.7	000.0038	0049.8	024.6	25.51
045.0	006.7000	0408.6	066.5	168.1	000.0038	0055.9	025.6	25.87
046.0	006.7000	0409.4	066.5	166.7	000.0038	0063.2	026.5	26.20
047.0	006.7000	0410.0	066.6	165.4	000.0038	0069.8	027.5	26.38
048.0	006.7000	0410.9	066.6	164.2	000.0038	0072.1	028.5	26.03
049.0	006.7000	0411.9	066.7	163.2	000.0037	0069.9	029.6	25.15
050.0	006.7000	0412.7	066.8	162.2	000.0037	0066.2	030.6	24.14
051.0	006.7000	0413.3	066.8	161.4	000.0037	0062.4	031.7	23.12
052.0	006.7000	0413.7	066.8	160.6	000.0037	0059.2	032.8	22.23
053.0	006.7000	0413.8	066.8	160.0	000.0037	0057.0	033.9	21.44
054.0	006.7000	0413.7	066.8	159.5	000.0037	0055.4	035.0	20.74

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
055.0	006.7000	0413.5	066.8	159.1	000.0037	0054.1	036.1	20.09
056.0	006.7000	0413.4	066.8	158.7	000.0037	0053.0	037.3	19.47
057.0	006.7000	0413.6	066.8	158.3	000.0037	0052.0	038.4	18.87
058.0	006.7000	0414.0	066.8	157.9	000.0037	0051.1	039.6	18.31
059.0	006.7000	0414.6	066.9	157.6	000.0037	0050.5	040.7	17.78
060.0	006.7000	0415.2	066.9	157.4	000.0037	0049.9	041.9	17.29
061.0	006.7000	0415.7	066.9	157.1	000.0037	0049.7	043.0	16.86
062.0	006.7000	0415.9	067.0	157.0	000.0037	0049.5	044.2	16.46
063.0	006.7000	0416.0	067.0	156.9	000.0037	0049.5	045.3	16.07
064.0	006.7000	0416.1	067.0	156.8	000.0037	0049.5	046.5	15.72
065.0	006.7000	0416.3	067.0	156.7	000.0037	0049.5	047.7	15.37
066.0	006.7000	0416.4	067.0	156.7	000.0037	0049.5	048.9	15.04
067.0	006.7000	0416.3	067.0	156.7	000.0037	0049.5	050.0	14.70
068.0	006.7000	0415.7	066.9	156.8	000.0037	0049.5	051.2	14.36
069.0	006.7000	0414.7	066.9	156.9	000.0037	0049.5	052.4	14.02
070.0	006.7000	0413.7	066.8	157.0	000.0037	0049.6	053.5	13.69
071.0	006.7000	0412.8	066.8	157.2	000.0037	0049.7	054.7	13.37
072.0	006.7000	0412.3	066.7	157.3	000.0037	0049.8	055.8	13.05
073.0	006.7000	0412.1	066.7	157.4	000.0037	0050.0	057.0	12.74
074.0	006.7000	0412.2	066.7	157.5	000.0037	0050.3	058.2	12.45
075.0	006.7000	0412.4	066.7	157.7	000.0037	0050.5	059.3	12.15
076.0	006.7000	0412.5	066.7	157.8	000.0037	0050.9	060.5	11.87
077.0	006.7000	0412.3	066.7	158.0	000.0037	0051.3	061.6	11.61
078.0	006.7000	0411.9	066.7	158.2	000.0037	0051.8	062.8	11.36
079.0	006.7000	0411.5	066.7	158.4	000.0037	0052.4	063.9	11.12
080.0	006.7000	0411.0	066.7	158.6	000.0037	0053.0	065.0	10.89
081.0	006.7000	0410.6	066.6	158.9	000.0037	0053.7	066.2	10.67
082.0	006.7000	0410.1	066.6	159.1	000.0037	0054.3	067.3	10.44
083.0	006.7000	0409.6	066.6	159.4	000.0037	0055.1	068.4	10.22
084.0	006.7000	0409.1	066.5	159.6	000.0037	0055.8	069.5	10.00
085.0	006.7000	0409.1	066.5	159.9	000.0037	0056.5	070.6	09.78
086.0	006.7000	0409.2	066.5	160.1	000.0037	0057.4	071.8	09.56
087.0	006.7000	0409.5	066.6	160.4	000.0037	0058.3	072.9	09.34
088.0	006.7000	0410.0	066.6	160.6	000.0037	0059.2	074.0	09.12
089.0	006.7000	0410.5	066.6	160.9	000.0037	0060.3	075.1	08.91