

Channel Study

REFERENCE		CH# 277D - 103.3 MHz, Pwr= 0.08 kW, HAAT= 0.0 M, COR= 55 M								DISPLAY DATES	
39 09 47.6 N.		Average Protected F(50-50)= 5.3 km								DATA 12-11-17	
75 32 08.3 W.		Omni-directional								SEARCH 12-20-17	
CH CITY	CALL	TYPE STATE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
277D Dover	W277AH!	CP	C DE	0.0 0.0	0.00 BPFT20160928AAC	39 09 47.6 75 32 08.3	0.080	24.1 55	7.2 Educational Media Foundati	-31.3 -31.3	
277D Dover	W277AH!	LIC	V DE	191.0 11.0	10.63 BLFT20160920ADG	39 04 09.0 75 33 33.0	0.250	23.8 33	7.1 Educational Media Foundati	-19.7 -18.5	
277B York	WARM-FM	LIC	CN PA	316.8 136.2	132.51 BLH19860519KG	40 01 38.0 76 36 00.0	6.400 398	124.1 533	64.2 Radio License Holding Src	1.9 37.1	
279B Havre De Grace	WXCX	LIC	DCX MD	312.7 132.3	66.07 BLH20021015ABT	39 33 52.0 76 06 07.0	37.000 168	5.4 217	62.4 527293	54.2 2.4	
279B Havre De Grace	WXCX	CP	ZCX MD	311.9 131.5	67.22 BPH20160309ABL	39 33 55.0 76 07 08.0	39.000 168	5.5 221	63.3 527293	55.2 2.6	
276A Grasonville	WRNR-FM	LIC	CN MD	246.5 66.1	60.76 BLH19930104KD	38 56 37.0 76 10 43.0	6.000 100	41.7 104	27.0 Empire Broadcasting System	12.6 24.5	
277D Millville	W277BA	CP	C NJ	56.9 237.2	52.87 BPFT20171020ABF	39 25 18.0 75 01 15.0	0.133	29.5 76	8.9 Hope Christian Church Of M	16.2 19.8	
277B Princeton	WPRB	LIC	CX NJ	30.0 210.5	144.05 BLH20070221AAV	40 16 58.0 74 41 11.0	14.000 222	120.6 257	61.7 Princeton Broadcasting Ser	16.3 47.3	
277B Onley-onancock	WESR-FM	LIC	CX VA	184.6 4.5	161.02 BMLH20151005ABF	37 43 02.2 75 40 59.7	50.000 98	131.3 107	57.9 Eastern Shore Radio, Inc.	22.9 70.4	
277D Millville	W277BA	LIC	C NJ	56.9 237.2	52.87 BLFT20100503AAE	39 25 18.0 75 01 15.0	0.019 60	17.8 75	5.4 Hope Christian Church Of M	27.9 23.3	
278A Bethany Beach	WJKI	APP	NCX DE	155.2 335.4	67.39 BPH20150626AAS	38 36 43.0 75 12 37.0	3.000 100	35.8 106	23.7 The Voice Radio, Llc	24.4 33.3	
278A Bethany Beach	WJKI	LIC	NCN DE	150.9 331.2	75.00 BLH19960611KA	38 34 21.0 75 06 58.0	1.450 146	36.4 148	24.3 The Voice Radio, Llc	31.4 40.4	
275B Philadelphia	WMGK	LIC	C PA	14.6 194.8	100.57 BMLH20001030AAV	40 02 21.0 75 14 13.0	8.900 350	5.1 416	67.3 Beasley Media Group, Llc	88.3 32.0	
279B Atlantic City	WMGM	LIC	DCN NJ	73.7 254.3	91.80 BLH19971121KA	39 23 24.0 74 30 45.0	50.000 106	5.0 112	58.0 Longport Media, Llc	79.6 32.5	
274B Baltimore	WQSR	LIC	CN MD	283.9 103.2	106.09 BLH19890117KE	39 23 11.0 76 43 52.0	50.000 133	6.3 271	67.2 Citicasters Licenses, Inc.	93.3 37.6	
277D Chester	1760793	APP	DC PA	356.9 176.9	99.56 BNPFT20170731AEN	40 03 31.2 75 35 54.1	0.250	52.8 306	16.4 Wvch Communications, Inc.	39.6 59.0	
277D Chester	1770797	APP	DC PA	356.9 176.9	99.56 BNPFT20171201AJC	40 03 31.2 75 35 54.1	0.250	52.8 306	16.4 Wvch Communications, Inc.	39.6 59.0	
278B Washington	WTOP-FM	LIC	DC DC	259.9 78.9	137.11 BMLH20110215ABQ	38 56 10.0 77 05 33.0	44.000 158	79.4 228	66.5 Washington Dc Fcc License	51.3 57.6	
280A Berlin	WOCQ	LIC	CN MD	167.6 347.7	88.71 BLH19980630KF	38 22 58.0 75 18 58.0	6.000 100	2.8 111	28.4 78.8	59.7	
278D Village Green	W278AK	LIC	DCN PA	7.3 187.4	75.23 BLFT19980402TE	39 50 07.0 75 25 25.0	0.080 79	6.7 122	4.7 Priority Radio, Inc.	61.4 60.2	

Terrain database is FCC NGDC 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference Zone= East Zone, Co to 3rd adjacent.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 < = Contour Overlap

FMCommander Single Allocation Study - 12-20-2017 - FCC NGDC 30 Sec
W277AH.C's Overlaps (In= 54.21 km, Out= 2.38 km)

W277AH.C CH 277 D

Lat= 39 09 47.6, Lng= 75 32 08.3

0.08 kW 0 m HAAT, 55 m COR

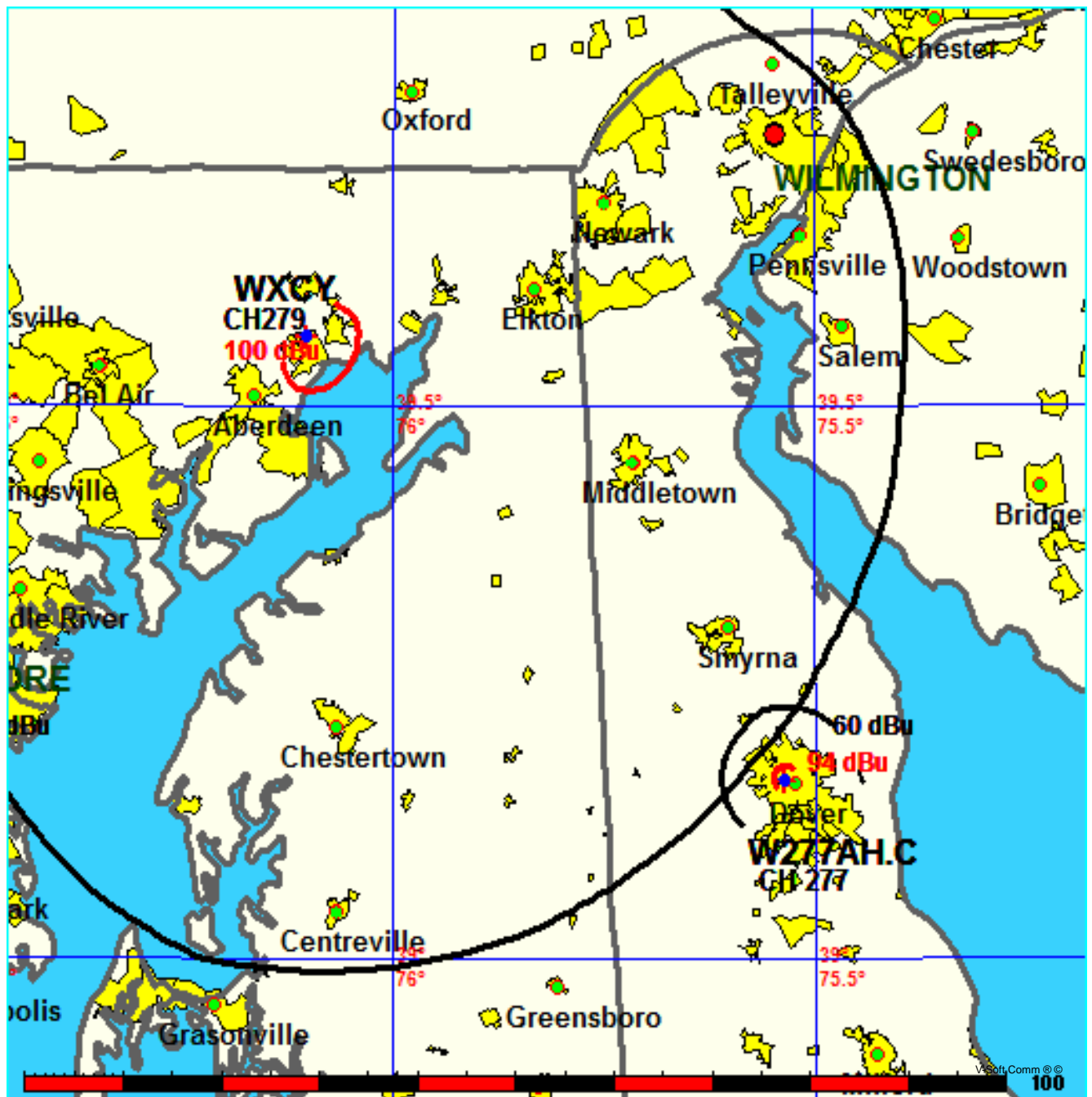
Prot.= 60 dBu, Intef.= 94 dBu

WXCY CH 279 B DA BLH20021015ABT

Lat= 39 33 52.0, Lng= 76 06 07.0

37.0 kW 168 m HAAT, 217 m COR

Prot.= 54 dBu, Intef.= 100 dBu



FMCommander Single Allocation Study - 12-20-2017 - FCC NGDC 30 Sec
W277AH.C's Overlaps (In= 55.23 km, Out= 2.63 km)

W277AH.C CH 277 D

Lat= 39 09 47.6, Lng= 75 32 08.3

0.08 kW 0 m HAAT, 55 m COR

Prot.= 60 dBu, Intef.= 94 dBu

WXCY-C CH 279 B 73.215 Z BPH20160309ABL

Lat= 39 33 55.0, Lng= 76 07 08.0

39.0 kW 168 m HAAT, 220.5 m COR

Prot.= 54 dBu, Intef.= 100 dBu

