

Channel Study

REFERENCE		CH# 277D - 103.3 MHz, Pwr= 0.08 kW, HAAT= 45.1 M, COR= 55 M								DISPLAY DATES	
39 09 47.6 N.		Average Protected F(50-50)= 6.5 km								DATA 09-26-16	
75 32 08.3 W.		Omni-directional								SEARCH 09-27-16	
CH CITY	CALL	TYPE	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!	LIC	VN DE	190.0 9.9	10.47 BLFT19970107TB	39 04 13.0 75 33 24.0	0.250 25	23.8 32	7.1 Educational Media Foundati	-19.5	-17.4
277D Dover	W277AH!	CP	V DE	191.0 11.0	10.63 BPFT20160622AAL	39 04 09.0 75 33 33.0	0.250	23.8 33	7.1 Educational Media Foundati	-19.3	-17.2
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	5.3 217	62.1 Delmarva Broadcasting Comp	54.5	2.7
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	123.3 533	63.8 Radio License Holding Src	2.9	38.8
279B Havre De Grace	WXCX	APP	ZCX MD	311.9 131.5	67.22 BPH20160309ABL	39 33 55.0 76 07 08.0	39.000 168	5.5 221	63.0 Delmarva Broadcasting Comp	55.6	3.0
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	40.8 104	26.4 Empire Broadcasting System	14.0	25.8
277B Princeton	WPRB	LIC	CX NJ	30.0 210.5	144.05 BLH20070221AAV	40 16 58.0 74 41 11.0	14.000 222	120.8 257	61.9 Princeton Broadcasting Ser	16.4	49.3
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	131.1 107	57.7 Eastern Shore Radio, Inc.	23.6	73.4
277D Millville	W277BA	LIC	C NJ	56.9 237.2	52.87 BLFT20100503AAE	39 25 18.0 75 01 15.0	0.019 60	16.6 75	5.1 Hope Christian Church Of M	29.4	24.6
278A Bethany Beach	WJKI	APP	NCX DE	153.8 334.0	65.66 BPH20150626AAS	38 37 57.0 75 12 05.0	2.100 100	32.6 105	22.0 The Voice Radio, Llc	26.4	34.2
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	36.2 148	24.1 The Voice Radio, Llc	32.1	41.2
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	66.5 Greater Philadelphia Radio	88.7	32.8
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	57.7 Longport Media, Llc	79.9	32.9
274B Baltimore	WQSR	LIC	CN MD	283.9 103.2	106.09 BLH19890117KE	39 23 11.0 76 43 52.0	50.000 133	6.2 271	66.7 Citicasters Licenses, Inc.	94.0	38.2
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	78.2 228	65.6 Washington Dc Fcc License	53.0	59.6
280A Berlin	WOCQ	LIC	CN MD	167.6 347.7	88.71 BLH19980630KF	38 22 58.0 75 18 58.0	6.000 100	2.7 111	28.1 Adams Radio Of Delmarva Pe	79.5	60.0
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	6.5 122	4.6 Priority Radio, Inc.	61.9	60.9
279D East New Market	W279BA	LIC	C MD	217.4 37.1	74.48 BLFT20070313AAU	38 37 48.6 76 03 25.2	0.019 99	0.3 102	6.6 Tbhc Virginia Stations, Ll	68.0	67.2

Terrain database is GLOBE 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 - 09-27-2016 - GLOBE 30 Sec
W277AH.P's Overlaps (In= 54.54 km, Out= 2.68 km)

W277AH.P CH 277 D

Lat= 39 09 47.6, Lng= 75 32 08.3

0.08 kW 45.1 m HAAT, 55 m COR

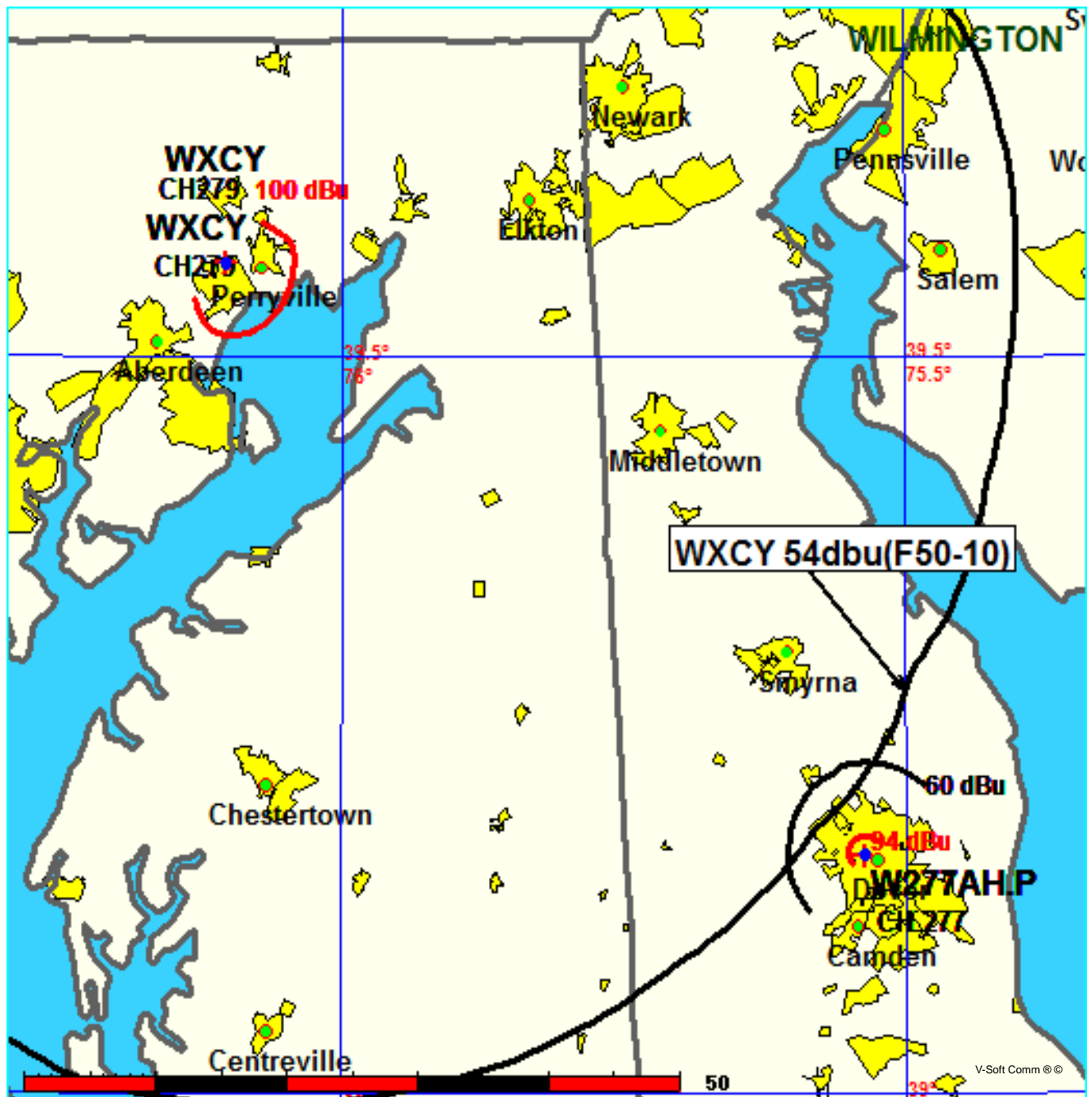
Prot.= 60 dBu, Intef.= 94 dBu

WXCX 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 - 09-27-2016 - GLOBE 30 Sec
W277AH.P's Overlaps (In= 55.58 km, Out= 2.98 km)

W277AH.P CH 277 D

Lat= 39 09 47.6, Lng= 75 32 08.3

0.08 kW 45.1 m HAAT, 55 m COR

Prot.= 60 dBu, Intef.= 94 dBu

WXCY-A 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

