

Channel Study

REFERENCE		CH# 255D - 98.9 MHz, Pwr= 0.055 kW DA, HAAT= 104.4 M, COR= 278 M								DISPLAY DATES	
36 57 36.8 N.		Average Protected F(50-50)= 9.0 km								DATA 09-03-15	
86 32 49.0 W.		Standard Directional								SEARCH 09-11-15	
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*
255D Bowling Green	W255CO!	CP	C KY	123.5 303.7	21.66 BNPFT20130812ABR	36 51 09.0 86 20 39.0	0.013 100	22.0 279	6.6 Educational Media Foundati	-9.5	-15.5
255A Lebanon	WANT	LIC	NCN TN	163.3 343.5	87.28 BLH19931206KA	36 12 24.0 86 16 02.0	5.000 97	88.6 287	30.5 Bay-pointe Broadcasting, I	-9.4*<	29.8
254C1 Hopkinsville	WHOP-FM	LIC	NCX KY	268.0 87.4	89.17 BLH20041018ACH	36 55 41.0 87 32 50.0	100.000 189	90.1 366	60.3 Hop Broadcasting, Inc.	-7.4*<	19.8
252D Bowling Green	W252CV	LIC	C KY	71.4 251.5	8.86 BLFT20140902ABR	36 59 08.0 86 27 09.0	0.250	1.1 214	7.3 Charles M. Anderson	-2.2*<	1.0
256A Morgantown	WWKN	CP	NCX KY	334.0 153.9	33.24 BPH20131206AEC	37 13 45.0 86 42 42.0	1.100 73	24.1 228	16.2 Newberry Broadcasting, Inc	2.1	7.0
256A Morgantown	WWKN	LIC	NCX KY	335.7 155.6	32.54 BLH20100629ANS	37 13 38.0 86 41 54.0	0.650 69	19.3 219	13.0 Newberry Broadcasting, Inc	6.1	9.4
257A Scottsville	WVLE	LIC	CN KY	126.4 306.6	41.16 BLH19960603KC	36 44 25.0 86 10 31.0	6.000 100	2.9 316	29.7 Skytower Communications Gr	29.3	10.9
255C2 Prospect	WNRW	LIC	ZCX KY	33.2 213.8	164.07 BLH20100507ACN	38 11 31.0 85 31 11.0	43.000 157	135.7 353	52.1 Cc Licenses, Llc	19.0	80.7
256A Edmonton	WHSX	LIC	CN KY	85.0 265.6	88.70 BLH19960508KB	37 01 33.0 85 33 14.0	6.000 100	43.3 358	28.0 Hart County Communications	35.5	46.9
255A Byrdstown	WVLV	LIC	CX TN	110.7 291.6	145.21 BLH20150519ABU	36 29 26.0 85 01 47.0	1.100 234	88.3 594	32.5 3b Properties, Llc	47.3	80.4
253D Glasgow	W253BN	CP	DC KY	87.3 267.7	60.13 BNPFT20130808AAD	36 59 02.0 85 52 20.0	0.250 95	0.7 325	11.2 Royse Radio,inc.	49.6	48.4
252C3 Elizabethtown	WQXE	LIC	NC KY	27.9 208.2	95.86 BLH20010802ABD	37 43 18.0 86 02 10.0	8.500 162	3.7 389	38.0 Skytower Communications-e'	82.9	57.4
256D Clarksville	W256CI	LIC	DC TN	236.4 55.9	83.60 BLFT20140318ADD	36 32 31.0 87 19 32.0	0.250	16.2 247	11.3 Saga Communications Of Tuc	60.9	63.2
258C0 Henderson	WKDQ	LIC	CY KY	319.7 139.1	134.98 BLH19881025KC	37 52 57.0 87 32 28.0	100.000 300	9.8 416	71.0 Townsquare Media Of Evansv	118.1	63.7

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.
 All separation margins (if shown) include rounding. Call signs with exclamation marks need not be protected.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside restricted contour.
 < = Contour Overlap

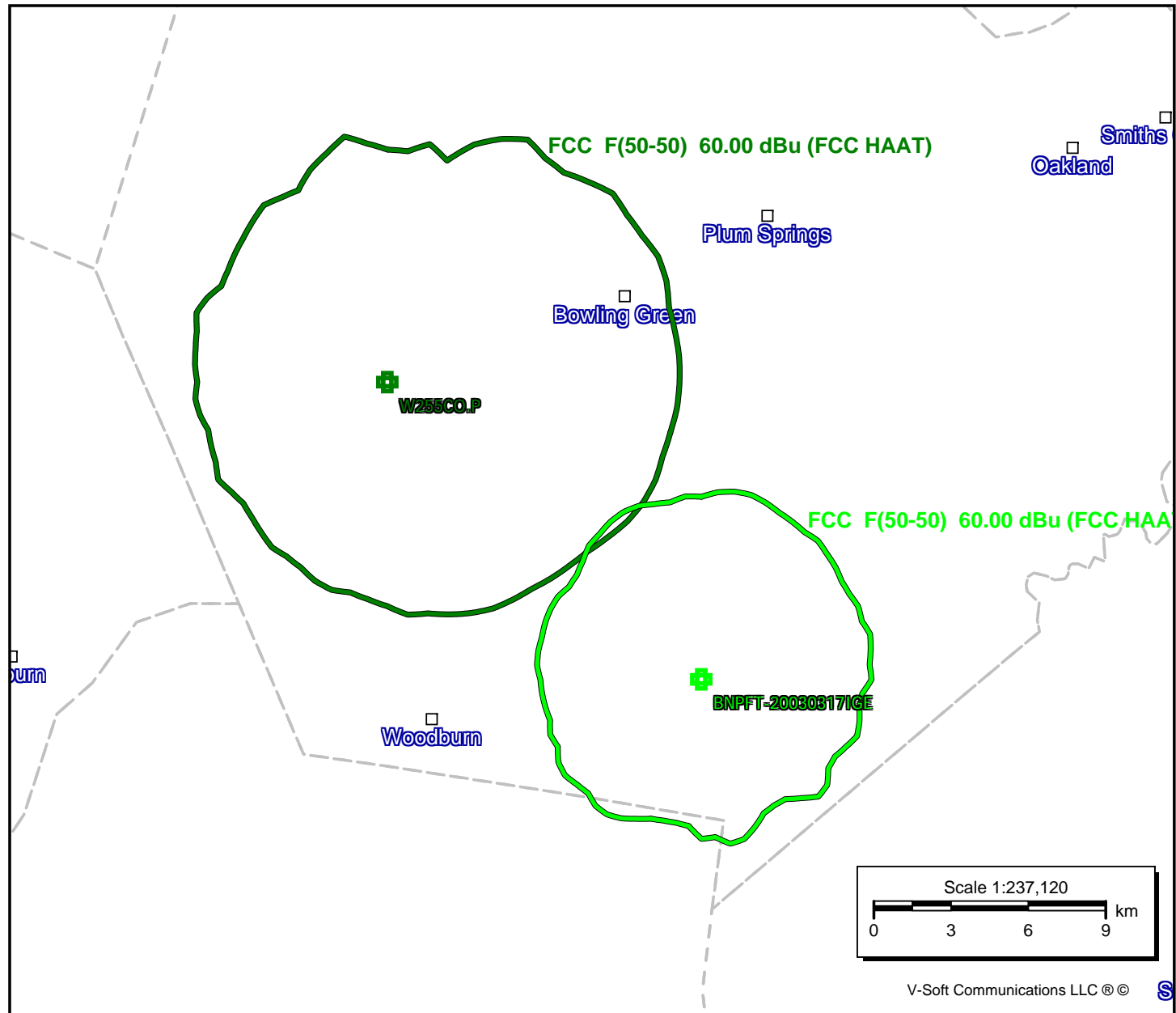
Overlap of 60dbu Contours

BNPFT-20030317IGE

Latitude: 36-51-23 N
Longitude: 086-24-37 W
ERP: 0.019 kW
Channel: 252
Frequency: 98.3 MHz
AMSL Height: 270.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

W255CO.P

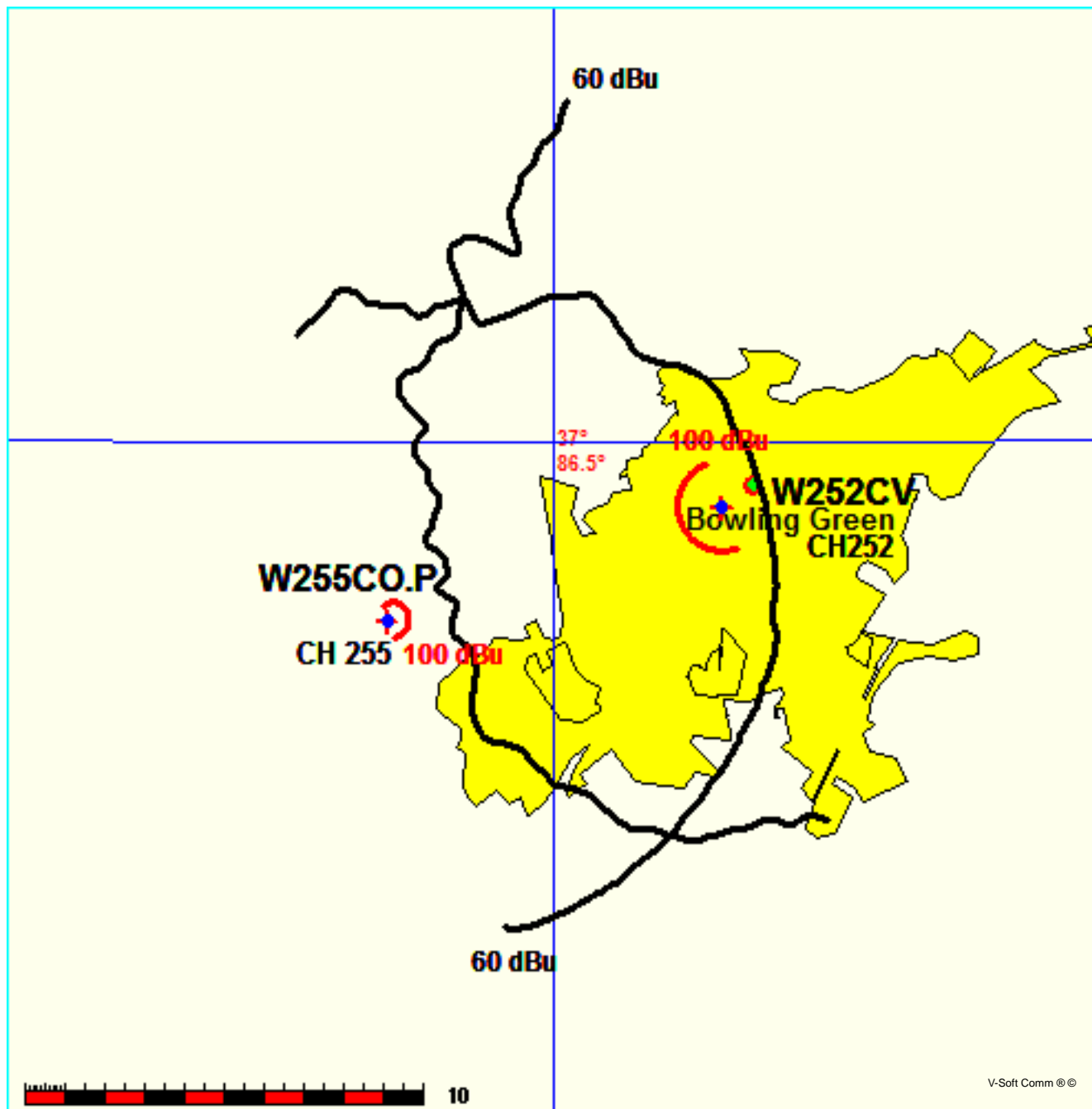
BMLFT20120918ABC
Latitude: 36-57-36.80 N
Longitude: 086-32-49 W
ERP: 0.099 kW
Channel: 255
Frequency: 98.9 MHz
AMSL Height: 277.7 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None



FMCommander Single Allocation Study - 09-11-2015 - GLOBE 30 Sec
W255CO.P's Overlaps (In= -2.15 km, Out= 1.2 km)

W255CO.P CH 255 D DA
Lat= 36 57 36.8, Lng= 86 32 49.0
0.055 kW 101.8 M HAAT, 278 M COR
Prot.= 60 dBu, Intef.= 100 dBu

W252CV CH 252 D BLFT20140902ABR
Lat= 36 59 08.0, Lng= 86 27 09.0
0.25 kW 0 M HAAT, 214 M COR
Prot.= 60 dBu, Intef.= 100 dBu



Educational Media Foundation

FMCommander Single Allocation Study - 09-11-2015 - FCC NGDC 30 Sec
W255CO.P's Overlaps (In= 2.08 km, Out= 7.04 km)

W255CO.P CH 255 D DA
Lat= 36 57 36.8, Lng= 86 32 49.0
0.055 kW 104.4 M HAAT, 278 M COR
Prot.= 60 dBu, Intef.= 54 dBu

WWKN-C CH 256 A 73.215 N BPH20131206AEC
Lat= 37 13 45.0, Lng= 86 42 42.0
1.1 kW 73 M HAAT, 228 M COR
Prot.= 60 dBu, Intef.= 54 dBu

