

Channel Study

REFERENCE		CH# 288D - 105.5 MHz, Pwr= 0.027 kW, HAAT= 71.0 M, COR= 360 M								DISPLAY DATES	
39 38 14.8 N.		Average Protected F(50-50)= 6.2 km								DATA 10-20-14	
85 08 45.1 W.		Omni-directional								SEARCH 10-20-14	
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*
288D Connersville	W288CM	CP	C IN	310.7 130.7	3.42 BNPFT20130327ABS	39 39 27.0 85 10 34.0	0.013 89	20.8 380	6.3 Educational Media Foundati	-22.9*	-21.4*
289B Indianapolis	WYXB	LIC	ZCX IN	281.4 100.9	74.94 BLH20030403AAC	39 46 03.0 86 00 12.0	50.000 150	64.7 398	55.8 Emmis Radio License, Llc	4.7	8.1
290B Middletown	WNKN	LIC	CX OH	101.0 281.5	69.58 BMLE20110330ACO	39 30 57.0 84 21 05.0	34.000 181	5.6 419	63.0 Northern Kentucky Universi	57.8	5.8
286B Cincinnati	WUBE-FM	LIC	CX OH	135.5 315.9	79.64 BMLH20071226AAR	39 07 30.0 84 29 56.0	14.500 279	5.3 490	63.3 Cincinnati Fcc License Sub	68.3	15.6
287D Cambridge City	W287CB	CP	C IN	345.9 165.8	31.88 BNPFT20130328AHG	39 54 57.0 85 14 14.0	0.055 39	9.6 370	6.7 Radio 74 Internationale	16.5	17.0
291B North Vernon	WWVY	LIC	CN IN	217.2 36.9	79.44 BLH19850905KC	39 04 02.0 85 42 10.0	50.000 148	5.5 355	61.8 White River Broadcasting C	67.6	16.9
287D Carthage	W287BR	LIC	C IN	281.6 101.4	33.14 BLFT20090818ACR	39 41 48.0 85 31 28.0	0.250 18	10.1 302	7.1 Indiana Community Radio Co	17.5	18.3
288A Sidney	WMVR-FM	LIC	CN OH	47.0 227.7	108.99 BMLH19980908KB	40 18 04.0 84 12 21.0	6.000 47	78.8 356	22.4 Dean Miller Broadcasting C	24.2	66.8
287D Carthage	W287BR	CP	C IN	289.8 109.6	37.28 BPFT20110429ABT	39 45 01.0 85 33 19.0	0.060 43	7.0 328	4.9 Indiana Community Radio Co	24.5	24.3
285A Muncie	WERK	LIC	CX IN	337.3 157.1	62.42 BMLH20050322ADL	40 09 19.0 85 25 48.0	6.000 100	2.5 392	25.2 Woof Boom Radio Muncie Lic	54.6	36.8
287D Anderson	W287BC	LIC	C IN	308.7 128.3	61.78 BLFT20061002AED	39 58 59.0 85 42 41.0	0.038 59	7.1 330	5.0 Indiana Community Radio Co	49.0	48.8
285A Columbus	WINN	LIC	CN IN	234.6 54.1	86.21 BLH19910501KA	39 11 09.0 85 57 37.0	6.000 91	2.8 297	29.5 White River Broadcasting C	77.5	56.4
291D Muncie	W291AH	LIC	C IN	342.2 162.0	64.49 BLFT20040226AAI	40 11 24.0 85 22 42.0	0.027 66	0.4 359	5.5 Taylor University Broadcas	58.5	58.7
288A Washington Court Ho	WCHO-FM	LIC	CN OH	99.7 280.8	148.47 BLH19980831KB	39 24 01.0 83 26 48.0	6.000 100	83.5 397	25.8 Citicasters Licenses, Inc.	58.8	102.0
288A Bedford	WQRK	LIC	CN IN	235.1 54.2	140.36 BLH19860623KA	38 54 29.0 86 28 28.0	2.000 122	71.2 316	22.9 Ad-venture Media, Inc.	63.3	98.1
287A Scottsburg	WMPI	LIC	CN IN	204.5 24.2	112.84 BLH19940411KE	38 42 44.0 85 41 12.0	2.200 156	40.6 346	26.8 D.r. Rice Broadcasting, In	65.5	76.3

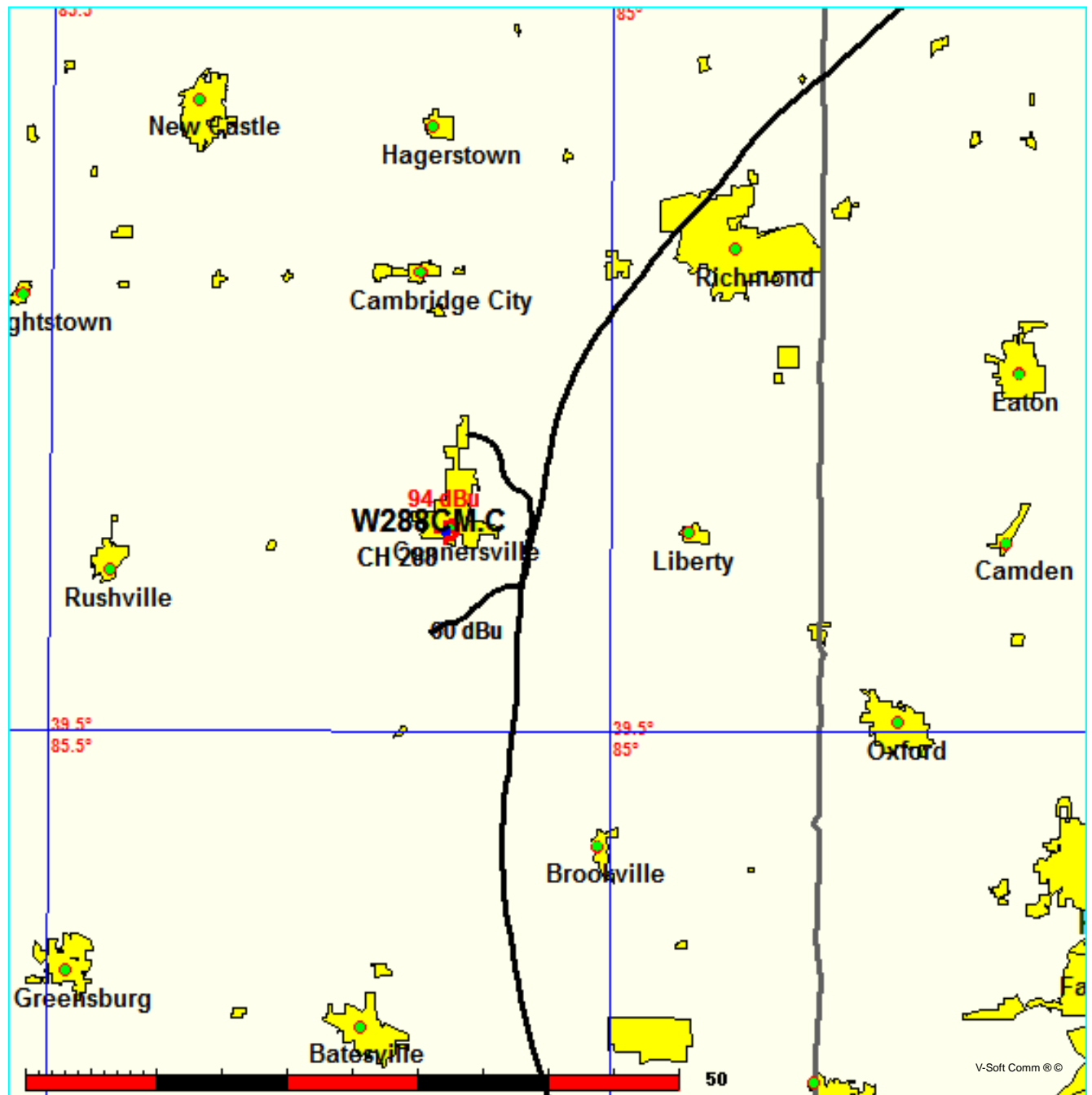
Terrain database is NGDC 30 SEC, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference Zone= East Zone, Co to 3rd adjacent.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
 "*"affixed to 'IN' or 'OUT' values = site inside protected contour.
 < = Contour Overlap
 Reference station has protected zone issue:

Educational Media Foundation

FMCommander Single Allocation Study - 10-22-2014 - NGDC 30 SEC
W288CM.C's Overlaps (In= 57.76 km, Out= 5.83 km)

W288CM.C CH 288 D
Lat= 39 38 14.8, Lng= 85 08 45.1
0.027 kW 71 M HAAT, 360 M COR
Prot.= 60 dBu, Intef.= 94 dBu

WNKN CH 290 B BMLED20110330ACO
Lat= 39 30 57.0, Lng= 84 21 05.0
34.0 kW 181 M HAAT, 419 M COR
Prot.= 54 dBu, Intef.= 100 dBu



FMCommander Single Allocation Study - 10-22-2014 - NGDC 30 SEC
W288CM.C's Overlaps (In= 4.71 km, Out= 8.09 km)

W288CM.C CH 288 D

Lat= 39 38 14.8, Lng= 85 08 45.1

0.027 kW 71 M HAAT, 360 M COR

Prot.= 60 dBu, Intef.= 48 dBu

WYXB CH 289 B 73.215 Z BLH20030403AAC

Lat= 39 46 03.0, Lng= 86 00 12.0

50.0 kW 150 M HAAT, 397.5 M COR

Prot.= 54 dBu, Intef.= 54 dBu

