

Channel Study

REFERENCE		CH# 282D - 104.3 MHz, Pwr= 0.099 kW, HAAT= 103.1 M, COR= 302 M								DISPLAY DATES	
40 23 25.9 N.		Average Protected F(50-50)= 10.4 km								DATA 04-27-17	
86 51 52.0 W.		Omni-directional								SEARCH 05-08-17	
CH CITY	CALL	TYPE STATE	ANT	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
282D Lafayette	W239CF	CP	DC IN	4.1 184.1	17.38 BPFT20161025ABP	40 32 48.0 86 50 59.0	0.250	53.0 341	16.5 Fcr Broadcasting, Inc.	-47.1*<	-38.0*<
283B Noblesville	AL9217	RSV-A	IN	136.0 316.5	84.71 RM10153	39 50 25.0 86 10 34.0	50.000 150	75.1 391	62.3	-0.1<	2.3
283B Noblesville	WJJK	LIC	CX IN	136.0 316.5	84.71 BMLH20030828AYT	39 50 25.0 86 10 34.0	50.000 150	75.0 390	62.1 Radio License Holding Src	0.1<	2.4
280A Crawfordsville	WIMC	LIC	CX IN	186.7 6.7	28.57 BMLH20070306AAL	40 08 06.0 86 54 14.0	1.350 151	2.0 390	24.5 C.v.l. Broadcasting, Inc.	17.0	3.4
279A Royal Center	WHZR	LIC	CN IN	41.8 222.1	63.03 BLH19890705KA	40 48 43.0 86 21 56.0	6.000 100	2.9 322	29.9 Mid-america Radio Group	49.6	32.4
283D Rensselaer	W283CO	LIC	C IN	338.9 158.7	69.07 BLFT20161128ADQ	40 58 13.0 87 09 38.0	0.250	19.3 302	12.9 Brothers Broadcasting Corp	39.2	41.1
282B Chicago	WJMK	LIC	CX IL	338.9 158.4	177.51 BMLH20011031AAC	41 52 44.0 87 38 08.0	4.100 480	127.7 659	65.9 Cbs Radio Inc. Of Illinois	39.2	61.0
282B1 Casey	WCBH	LIC	CN IL	216.5 35.8	153.84 BLH19880928KD	39 16 24.0 87 55 39.0	11.000 151	104.0 330	44.5 The Cromwell Group, Inc.	39.7	68.3
281B Muncie	WLBC-FM	LIC	CX IN	101.0 281.9	128.89 BMLH20041020AAB	40 09 40.0 85 22 44.0	41.000 140	76.7 438	64.3 Woof Boom Radio Muncie Lic	42.2	43.6
285A Rockville	WAXI	LIC	CX IN	206.8 26.5	82.45 BLH20160421AAO	39 43 38.0 87 17 56.0	1.700 134	2.0 317	22.8 Dlc Media, Inc.	70.4	59.0

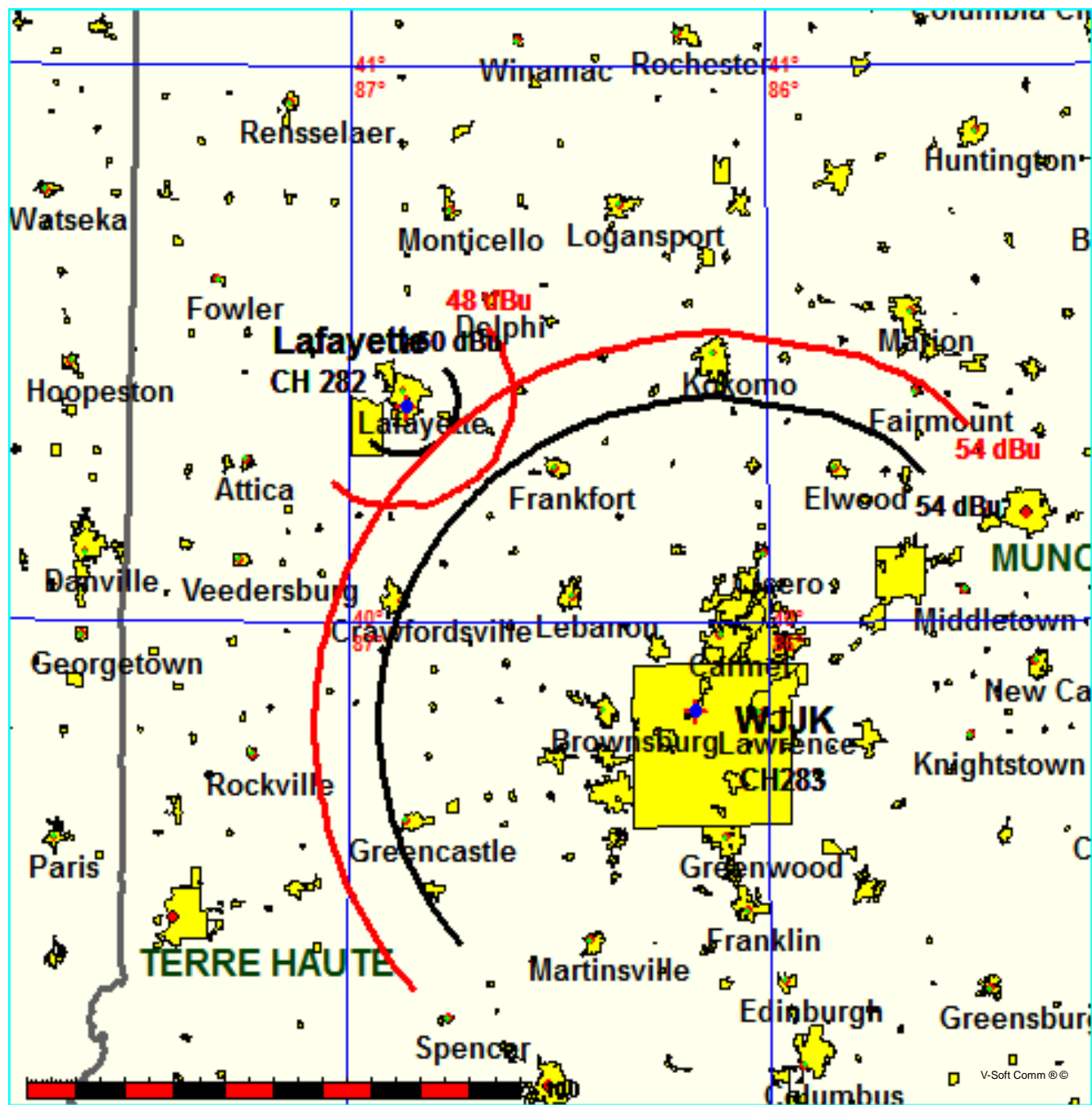
Terrain database is FCC NGDC 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
 Contour distances are on direct line to and from reference station. Reference Zone= East Zone, Co to 3rd adjacent.
 Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni),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

Star City Broadcasting, LLC

FMCommander Single Allocation Study - 05-08-2017 - FCC NGDC 30 Sec
Lafayette's Overlaps (In= 0.07 km, Out= 2.4 km)

Lafayette CH 282 D
Lat= 40 23 25.9, Lng= 86 51 52.0
0.099 kW 103.1 m HAAT, 302 m COR
Prot.= 60 dBu, Intef.= 48 dBu

WJJK CH 283 B BMLH20030828AYT
Lat= 39 50 25.0, Lng= 86 10 34.0
50.0 kW 150 m HAAT, 390 m COR
Prot.= 54 dBu, Intef.= 54 dBu



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FMCommander Single Allocation Study - 05-08-2017 - FCC NGDC 30 Sec
Lafayette's Overlaps (In= 16.97 km, Out= 3.35 km)

Lafayette CH 282 D
Lat= 40 23 25.9, Lng= 86 51 52.0
0.099 kW 103.1 m HAAT, 302 m COR
Prot.= 60 dBu, Intef.= 100 dBu

WIMC CH 280 A BMLH20070306AAL
Lat= 40 08 06.0, Lng= 86 54 14.0
1.35 kW 151 m HAAT, 390 m COR
Prot.= 60 dBu, Intef.= 100 dBu

