

Fig 1 Channel Interference

W287DQ Cleveland, Ohio 287D

REFERENCE
41 26 50.10 N.
81 35 26.40 W.

CH# 287D - 105.3 MHz, Pwr= 0.18 kw, HAAT= 0.0 M, COR= 292 M
Average Protected F(50-50)= 6.53 km
Omni-directional

DISPLAY DATES
DATA 07-27-20
SEARCH 07-27-20

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*
289B Cleveland	WMJI	LIC ____ OH	231.2 51.1	11.21 BLH19940823KS	41 23 02.10 81 41 43.40	16.000 344	6.2 603	71.5 Citicasters Licenses, Inc.	-3.1	-61.8*
287D Cleveland	W229CG	LIC _H_ OH	0.0 0.0	0.00 0000117958	41 26 50.10 81 35 26.40	0.180	36.5 292	10.8 Radio.Com, LLC	-47.3*	-47.3*
287B Mansfield	WYHT	LIC ____ OH	226.8 46.2	109.55 BLH6750	40 46 09.20 82 32 22.60	50.000 113	135.1 494	62.2 Capstar Tx, LLC	-34.1*	6.3
286B Salem	WQXK	LIC ____ OH	134.3 314.8	89.07 BLH20000410ACM	40 53 08.20 80 49 54.30	88.000 136	84.5 494	68.7 Cumulus Licensing LLC	-1.9	7.3
285A Lorain	WCLV	LIC ____ OH	275.5 95.3	33.40 BMLE20140718AAF	41 28 32.20 81 59 23.50	6.000 100	2.8 294	26.8 Radio Seaway, Inc.	19.3	5.3
284A Geneva	WKKY	LIC N__ OH	47.1 227.4	56.44 BLH19950131KC	41 47 30.10 81 05 30.30	6.000 100	2.8 315	28.0 Music Express Broadcasting	46.2	26.7
287C1 Kitchener	CFCAFM	LIC D__ ON	19.5 200.2	231.13	43 24 15.20 80 38 04.40	100.000 250	169.4 597	84.1	51.6	104.4
288A Chatham	AL3320	VAC ____ ON	335.4 155.0	116.66	42 24 00.13 82 10 59.58	6.000 100	42.7 278	38.0	62.4	54.4
288A Conneaut	WGOJ	LIC Z__ OH	62.3 243.0	100.40 BLH19930913KC	41 51 42.10 80 31 00.20	6.000 90	27.9 364	19.0 Bible Broadcasting, Inc.	66.0	71.4
286B Detroit	WMGC-FM	LIC ____ MI	311.2 130.2	171.57 BMLH20061004AIW	42 27 13.10 83 09 49.70	50.000 150	79.0 349	65.8 Beasley Media Group Licens	80.5	80.0
284B Toledo	WIOT	LIC ____ OH	280.0 98.7	154.66 BMLH20020611AAX	41 40 23.20 83 25 30.80	50.000 165	6.4 345	68.0 Citicasters Licenses, Inc.	136.5	85.1

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= East Zone, Co to 3rd adjacent.
All separation margins (if shown) include rounding.
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.