

**Allocation Study**

**1. Compliance with 47 C.F.R. 73.207**

The proposed facility meets all minimum distance separation requirements with regard to co-channel, first, second, or third adjacent channel stations, and those separated by 53/54 channels, except the licensed facilities of the following station:

Station	Channel	City of License	Facility ID	Distance Short-Spaced
WHKO	256B	Dayton, OH	14245	8.8km

This application proposes contour protection (47 C.F.R. 73.215. 47 C.F.R. 73.215(e)) for WHKO.

The minimum separation requirement between a class A and a class B facility (WVLO and WHKO), which are first adjacent channels, is 96 km. Exhibit 26B shows that WHKO is separated from the proposed facility by 104.18 km.

Therefore, the proposed facility is permitted to use contour protection toward the short-spaced facility (See Exhibit 20 for compliance with contour protection requirements).

### WVLO.P Site Spacing

REFERENCE		DISPLAY DATES
40 39 49.8 N.	CLASS = A Int = A	DATA 03-01-17
84 05 07.2 W.	Current Spacings to 3rd Adj.	SEARCH 03-03-17
----- Channel 257 - 99.3 MHz -----		

Call	Channel	Location		Azi	Dist	FCC	Margin
WVLO	CP -N	257A	Cridersville	OH	338.7	6.65	-108.4
WVLO	LIC-N	257A	Cridersville	OH	252.4	10.89	-104.1
WHKO	LIC	256B	Dayton	OH	187.7	104.18	-8.8
WBYR	LIC	255B	Woodburn	IN	295.9	74.79	5.8
WHJM	LIC	204A	Anna	OH	202.1	23.57	13.6
WCJC	LIC	257A	Van Buren	IN	270.7	130.64	15.6
WFRO-FM	LIC	256B1	Fremont	OH	46.6	114.49	18.5
WKSD	LIC	259A	Paulding	OH	316.1	61.21	30.2
WKEN	LIC	203A	Kenton	OH	88.3	40.30	30.3
WCHD	LIC	260B	Kettering	OH	185.8	105.11	36.1
WKEN	CP	203A	Kenton	OH	107.7	47.82	37.8
WRKZ	LIC	259B	Columbus	OH	130.3	118.30	49.3
WBET-FM	LIC	257A	Sturgis	MI	318.2	166.11	51.1
WKKO	LIC-Z	260B	Toledo	OH	25.2	123.50	54.5

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Reference station has protected zone issue: Canada- AM tower