

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 stations:

Station	Channel	City of License	Facility ID	Distance Short-Spaced
WBYR	255B	Woodburn, IN	55659	1.2km
WHKO	256B	Dayton, OH	14245	12.5km

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

The minimum separation requirement between a class B and a class A facility (WBYR and WVLO.P), which are second adjacent channels, is 63km. Exhibit 30-B shows that WBYR is separated from the proposed facility by 67.28 km.

The minimum separation requirement between a class B and a class A facility (WHKO and WVLO.P), which are first adjacent channels, is 96km. Exhibit 30-B shows that WHKO is separated from the proposed facility by 100.02km.

Therefore, the proposed facility is permitted to use contour protection toward the short-spaced facility (See Exhibit 34 for compliance with contour protection requirements).

WVLO.P Site Spacing

REFERENCE							DISPLAY DATES	
40 38 03.0 N.				CLASS = A Int = A			DATA	05-30-13
84 12 29.0 W.				Current Spacings to 3rd Adj.			SEARCH	05-30-13
-----				Channel 257 - 99.3 MHz			-----	
Call	Channel		Location		Azi	Dist	FCC	Margin

WVLO	LIC-N	257A	Cridersville	OH	0.0	0.00	114.5	-114.5
WHKO	LIC	256B	Dayton	OH	182.0	100.02	112.5	-12.5
WBYR	LIC	255B	Woodburn	IN	302.2	67.28	68.5	-1.2
WCJC	LIC	257A	Van Buren	IN	272.2	120.34	114.5	5.8
W257AB	LIC	257D	Marion	OH	93.3	91.70	84.5	7.2
WHJM	LIC	204A	Anna	OH	175.3	18.60	9.5	9.1
WKSD	LIC	259A	Paulding	OH	325.8	57.19	30.5	26.7
WFRO-FM	LIC	256B1	Fremont	OH	48.7	124.39	95.5	28.9
631439	APP	258D	Findlay	OH	46.6	65.23	33.5	31.7
635094	APP	258D	Findlay	OH	45.7	65.48	33.5	32.0
WCHD	LIC	260B	Kettering	OH	180.1	101.28	68.5	32.8
WKEN	LIC	203A	Kenton	OH	84.8	50.86	9.5	41.4
W254CD	LIC	254D	Findlay	OH	43.2	67.00	25.5	41.5
W257CU	LIC	257D	Columbus	OH	127.2	127.18	84.5	42.7
W257CU	CP	257D	Columbus	OH	127.2	127.18	84.5	42.7
WBET-FM	LIC	257A	Sturgis	MI	321.7	161.93	114.5	47.4
W257CV	LIC-D	257D	Butler	OH	83.3	135.17	84.5	50.7
W254BJ	LIC	254D	Springfield	OH	159.1	80.94	25.5	55.4
WRKZ	LIC	259B	Columbus	OH	126.0	124.45	68.5	56.0
WJPB-LP	LIC	256L1	Muncie	IN	244.1	115.63	55.5	60.1
WKKO	LIC-Z	260B	Toledo	OH	28.6	131.14	68.5	62.6
W258BY	CP	258D	Fort Wayne	IN	302.9	97.03	33.5	63.5
W254BA	LIC-D	254D	Riverside	OH	176.8	89.91	25.5	64.4
W254BA	APP-D	254D	Dayton	OH	176.8	89.91	25.5	64.4
W258AI	LIC	258D	Dayton	OH	178.1	99.80	33.5	66.3

Reference station has protected zone issue:
All separation margins include rounding