

## **Spacing Study**

### **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
WXCM	246A	Whitesville, KY	73214	6.0km

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

The minimum separation requirement between a class C2 and a class A facility (WLVU and WXCM), which are co-channel, is 143 km. Exhibit 18A shows that WXCM is separated from the proposed facility by 160.03 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).

## WLUV.P Site Spacing

REFERENCE

36 15 49.6 N.

86 47 38.9 W.

CLASS = C2

Current Spacings to 3rd Adj.

Channel 246 - 97.1 MHz

DISPLAY DATES

DATA 08-03-17

SEARCH 08-03-17

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Call	Channel	Location		Azi	Dist	FCC	Margin	
WLUV	LIC	246C2	Belle Meade	TN	44.7	5.23	190.0	-184.8
AL6633%	RSV-A	246C2	Belle Meade	TN	44.7	5.23	190.0	-184.8
W248BQ	LIC-D	248D	Nashville	TN	171.5	9.73	54.0	-44.3
W244CW	LIC-D	244D	Murfreesboro	TN	169.1	38.60	54.0	-15.4
WXCM	LIC-Z	246A	Whitesville	KY	353.8	160.03	166.0	-6.0
W248BM	LIC-D	248D	Murfreesboro	TN	139.2	60.81	54.0	6.8
WENV-LP	LIC	247L1	Gainesboro	TN	88.4	88.37	80.0	8.4
WRS-A-FM	LIC	245C0	Holly Pond	AL	175.6	197.40	176.0	21.4
WBVR-FM	LIC-N	244C2	Auburn	KY	36.5	80.20	58.0	22.2
WJQQ	LIC	246C2	Somerset	KY	68.0	213.61	190.0	23.6
WZZP	LIC	248A	Hopkinsville	KY	313.7	80.73	55.0	25.7
W248CF	LIC	248D	Bowling Green	KY	15.8	80.39	54.0	26.4
WDDJ	LIC	245C1	Paducah	KY	298.8	184.60	158.0	26.6
WNKX-FM	LIC	244A	Centerville	TN	235.3	84.83	55.0	29.8
WKJQ-FM	LIC-N	247A	Parsons	TN	241.0	136.89	106.0	30.9
W243CH	LIC	243D	Hopkinsville	KY	317.6	90.10	54.0	36.1
WJNU-LP	LIC	245L1	Cookeville	TN	92.7	120.43	80.0	40.4
WUUQ	LIC	247C2	South Pittsburg	TN	143.5	177.72	130.0	47.7
WLLX	LIC-N	248C2	Lawrenceburg	TN	194.5	112.47	58.0	54.5
WCVQ	LIC	300C1	Fort Campbell	KY	291.8	83.69	27.0	56.7

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% = Station fails 73.215.  
RSV-R = reserved - needs protection, RSV-A = allocation.