

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. CLASS = C2 DISPLAY DATES DATA 08-03-17
 86 47 38.9 W. Current Spacings to 3rd Adj. SEARCH 08-03-17
 ----- Channel 246 - 97.1 MHz -----

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

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