

June 2009
WMKK(FM) Channel 229B
Lawrence, MA
Allocation Study

The instant application is being filed to correct the coordinates of the licensed operation of WMKK. This station was previously thought to be on the tower registered as #1007348, but the tower owner (American Tower) recently determined that this was a duplicate record for the structure registered as #1004234, the coordinates of which were corrected by American Tower in 2004. American Tower has since cancelled registration #1007348. The location of the structure has been verified by survey and by inspection of aerial photography.

The coordinate correction amounts to 4 seconds of latitude and 1 second of longitude, thereby necessitating the filing of a Form 301 application.

The attached spacing study shows that the corrected WMKK operation meets the co-channel and adjacent channel spacing requirements for Class B stations as prescribed in §73.207 of the Commission's Rules, with the exception of a short-spacing to the licensed operation of WZMX on Channel 229B at Hartford. This is a grandfathered §73.213(a) short-spacing which has existed since prior to November 1964. Even with the coordinate correction, the distance separation between WMKK and WZMX remains the same at 188 km. Therefore, and since this application does not propose any physical or electrical change for WMKK, it is not believed that any further analysis is necessary with respect to WZMX.

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SEARCH PARAMETERS FM Database Date: 090527

Channel: 229B 93.7 MHz
 Latitude: 42 31 53
 Longitude: 70 59 12
 Safety Zone: 32 km
 Job Title: WMKK CORRECTED

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
WSNE-FM APP	TAUNTON MA	BSTA-80908ABK	227B 93.3	10.000 175.0	41-51-56 071-17-22	198.7	78.07 4.07	74 CLOSE
WSNE-FM LIC	TAUNTON MA	BLH-81125AJP	227B 93.3	31.000 180.0	41-51-56 071-17-22	198.7	78.07 4.07	74 CLOSE
WFQR LIC	HARWICH PORT MA	BLH-890512KA	228A 93.5	3.000 100.0	41-44-19 070-00-40	137.3	119.41 6.41	113 CLOSE
WEYY LIC	SWANZEY NH	BLH-80912AAG	228A 93.5	2.000 175.0	42-54-57 072-19-52	291.7	118.11 5.11	113 CLOSE
W228AU LIC	NORTH BENNINGTON, VT	ET BLFT-890301TA	228D 93.5	0.005 537.0	42-51-50 072-14-04	290.4	108.71 0.00	0 TRANS
WZMX LIC	HARTFORD CT	BMLH-80306AAR	229B 93.7	17.000 259.0	41-33-44 072-50-42	235.5	187.78 -53.22	241 SHORT
NOTE: GRANDFATHERED PRE-1964 SHORT-SPACING DISTANCE SEPARATION REMAINS THE SAME AT 188 KM								
W229BI LIC	AMHERST MA	BLFT-90331AAR	229D 93.7	0.001 224.0	42-16-48 072-37-15	258.8	137.40 0.00	0 TRANS
WMKKaux LIC	LAWRENCE MA	BXLH-01030ACD	229B 93.7	42.000 161.0	42-31-57 070-59-11	10.4	0.13 0.00	0 AUX
WMKK LIC	LAWRENCE MA	BLH-960215KC	229B 93.7	34.000 179.0	42-31-57 070-59-11	10.4	0.13 -240.87	241 SHORT
WVYV-LP LIC	TISBURY MA	BMLL-80128ADB	229L1 93.7	0.093 30.8	41-26-53 070-36-39	165.4	124.29 12.29	112 CLEAR
W229AN LIC	PROVIDENCE RI	BLFT-81201AKW	229D 93.7	0.030 5.0	41-49-14 071-23-01	202.6	85.50 0.00	0 TRANS
W230AW LIC	CENTERVILLE MA	BLFT-50701ADJ	230D 93.9	0.038 79.0	41-41-01 070-21-36	151.0	107.49 0.00	0 TRANS
WRSI LIC	TURNERS FALLS MA	BLH-951018KB	230A 93.9	2.500 109.0	42-32-01 072-35-34	270.7	131.96 18.96	113 CLEAR
WARX LIC	LEWISTON ME	BMLD-80324AHC	230B 93.9	27.500 193.0	44-08-40 070-01-22	23.2	195.51 26.51	169 CLEAR

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Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
W231BR LIC	MANCHESTER NH	BLFT-81020ANK	231D 94.1	0.250 DA 127.0	43-00-45 071-26-30	325.4	65.14 0.00	0 TRANS
WHJY LIC	PROVIDENCE RI	BLH-00915ALB	231B 94.1	50.000 139.0	41-49-40 071-22-09	202.1	84.30 10.30	74 CLEAR
W232AJ LIC	GREENVILLE, ETC. NH	BLFT-881108TI	232D 94.3	0.005 DA 527.0	42-51-28 071-52-53	296.7	81.79 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 229 44444