

**November 2011  
New FM Channel 224A  
Lawrence Park, PA  
Allocation Study**

The attached spacing study shows that the proposed operation meets the domestic co-channel and adjacent channel spacing requirements for Class A stations as prescribed in §73.207 of the Commission's Rules.

**Channel 224B at London, Ontario**

The proposed operation is short-spaced to Canadian station CJBX-FM on Channel 224B at London, Ontario. Under the terms of the *Working Arrangement for the Allotment and Assignment of FM Broadcasting Channels Under the Agreement Between the Government of Canada and the Government of the United States of America Relating to the FM Broadcasting Service*, as amended in 1997 ("*Working Arrangement*"), the required co-channel Class A to Class B spacing is 210 kilometers, whereas the distance between the proposed Lawrence Park 224A site and the CJBX-FM site is 121 kilometers. The attached allocation study map demonstrates that the proposed Lawrence Park 224A 34 dBu F(50,10) contour will not overlap the CJBX-FM 54 dBu F(50,50) contour at any location over Canadian land areas. Per the terms of Section 5.2.2.1 of the *Working Arrangement*, the distance to the CJBX-FM 54 dBu F(50,50) protected contour has been based on maximum allowable parameters, out to a maximum distance of 65 kilometers.

**Channel 224B at London, Ontario**

The proposed operation is short-spaced to Canadian station CKJN-FM on Channel 225B1 at Haldimand, Ontario. Under the terms of the *Working Arrangement*, the required first-adjacent-channel Class A to Class B1 spacing is 119 kilometers, whereas the distance between the proposed Lawrence Park 224A site and the CKJN-FM site is 94 kilometers. The attached allocation study map demonstrates that the proposed Lawrence Park 224A 48 dBu F(50,10) contour will not overlap the CKJN-FM 54 dBu F(50,50) contour at any location over Canadian land areas. Per the terms of Section 5.2.2.1 of the *Working Arrangement*, the distance to the CKJN-FM 54 dBu F(50,50) protected contour has been based on maximum allowable parameters, out to a maximum distance of 51 kilometers.

SEARCH PARAMETERS

FM Database Date: 111028

Channel: 224A 92.7 MHz  
 Latitude: 42 7 25  
 Longitude: 80 7 2  
 Safety Zone: 32 km  
 Job Title: LAWRENCE PARK 224A

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
WRRN LIC	WARREN PA	BLH-820127AE	222B 92.3	50.000 125.0	41-48-50 079-10-04	113.4	85.89 16.89	69 CLEAR
	TORONTO ON	-	223C1 92.5	0.000 0.0	43-38-56 079-22-55	19.2	179.77 11.77	168 CLEAR
	TORONTO ON	RM-	223C1 92.5	0.000 0.0	43-38-56 079-22-55	19.2	179.77 11.77	168 CLEAR
NEW	TORONTO ON	-	223C1 92.5	22.000 287.4	DA 43-38-56 079-22-55	19.2	179.77 11.77	168 CLEAR
W223BK LIC	GIRARD PA	BLFT-90401AYF	223D 92.5	0.038 73.0	42-00-10 080-19-15	231.4	21.54 0.00	0 TRANS
CJSP	LEAMINGTON ON	-70228CAN	224B1 92.7	4.000 144.5	DA 42-00-35 082-33-45	267.2	202.78 18.78	184 CLEAR
CJBXFM	LONDON ON	-	224B 92.7	50.000 121.0	42-56-40 081-04-48	319.5	120.71 -89.29	210 SHORT
WCCR LIC	CLARION PA	BLH-850712KA	224A 92.7	3.000 85.0	41-14-41 079-15-42	143.7	120.84 5.84	115 CLOSE
VAC	LAWRENCE PARK PA	RM-11073	224A 92.7	0.000 0.0	42-06-00 080-07-48	201.9	2.83 -112.17	115 SHORT
NEW APP	LAWRENCE PARK PA	BNPH-10624ABX	224A 92.7	6.000 100.0	DA 42-04-28 080-07-18	183.8	5.47 -109.53	115 SHORT
NEW APP	LAWRENCE PARK PA	BSFH-10425ACP	224A 92.7	0.000 0.0	42-06-00 080-07-48	201.9	2.83 -112.17	115 SHORT
CKNS-FM	HALDIMAND ON	-	225B1 92.9	13.000 109.0	DA 42-56-29 079-50-45	13.7	93.54 -25.46	119 SHORT
WBUFaux LIC	BUFFALO NY	BMLH-60720AAR	225B 92.9	91.000 155.0	42-38-10 078-43-00	63.2	128.63 0.00	0 AUX

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WBUFaux LIC	BUFFALO NY	BLH-840910CP	225B 92.9	91.000 155.0	42-38-12 078-42-58	63.2	128.70 0.00	0 AUX
WBUF LIC	BUFFALO NY	BLH-61114AAM	225B 92.9	76.000 DA 195.0	42-57-13 078-52-36	47.3	137.43 24.43	113 CLEAR
WXCS-LP LIC	CAMBRIDGE SPRINGS PA	BLL-40608ABK	225L1 92.9	0.090 31.4	41-47-20 080-03-39	172.8	37.47 0.00	0 LPFM
WWSE LIC	JAMESTOWN NY	BLH-850917KC	227B 93.3	26.500 196.0	42-05-06 079-17-23	93.3	68.58 -0.42	69 SHORT
NOTE: ROUNDS TO FULL SPACING								
NEW-T APP	ERIE PA	BNPFT-30313BEW	277D 103.3	0.055 72.0	42-07-59 080-02-25	80.6	6.45 0.00	0 TRANS
NEW-T APP	ERIE PA	BNPFT-30310AZL	277D 103.3	0.020 90.0	42-05-18 080-09-01	214.8	4.78 0.00	0 TRANS

44444 END OF FM SPACING STUDY FOR CHANNEL 224 44444

