

**Taylor & Powell LLC
Alexandria, VA**

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Dataworld LMA/Duopoly Market Coverage Analysis

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Job Title: KXOJ, Inc. Multiple Ownership Study 3

****Facilities with transmitters over 92 km from the area of mutual overlap are omitted from this study.**

Primary Stations

Title: KXOJ, Inc. Multiple Ownership Study 3

Database: DW

City of license Licensee	St	Call sign	Srv	Auth Owner	FCC file number	Freq	Cls LMA status	ERP/ DkW	HAAT/ NkW	Latitude Longitude
Canton Radio Power, Inc.	NY	WRCD	FM	Lic Timothy D. Martz	BLH-20031112AIE	101.5 MHz	C2 LMA record	50.000	138.0	N 44° 35' 56.0" W 74° 46' 24.0"
Massena Seaway Broadcasting, Inc.	NY	WMSA	AM	Lic	BL-20010621ABD	1340 kHz	IV/C LMA record	0.910	0.910	N 44° 54' 11.0" W 74° 53' 02.0"
Norwood Seaway Broadcasting, Inc.	NY	WVLF	FM	Lic	BLH-20010301ABF	96.1 MHz	C3 LMA record	25.000	100.0	N 44° 54' 11.0" W 74° 53' 02.0"

>> End of Primary Stations <<

Jointly Owned Stations

Title: KXOJ, Inc. Multiple Ownership Study 3

Database: DW

City of license Licensee	St	Call sign	Srv	Auth Owner	FCC file number	Freq	Cls LMA status	ERP/ DkW	HAAT/ NkW	Latitude Longitude
Canton Radio Power, Inc.	NY	WNCQ	FM	Lic Timothy D. Martz	BLH-20040824AGK	102.9 MHz	C3 LMA record	25.000	100.0	N 44° 32' 10.0" W 75° 05' 46.0"
Canton Radio Power, Inc.	NY	WNCQ	FM	CP Timothy D. Martz	BPH-20061204AJH	102.9 MHz	C3 LMA record	19.000	114.0	N 44° 32' 01.0" W 75° 05' 50.0"
Morristown Waters Communications Inc.	NY	WYSX	FM	Lic	BLH-20040824ABI	96.7 MHz	C3 LMA record	17.000	108.0	N 44° 34' 43.0" W 75° 30' 51.0"
Ogdensburg Waters Communications Inc.	NY	WPAC	FM	CP	BPH-20030722ADN	98.7 MHz	A LMA record	6.000	100.0	N 44° 34' 43.0" W 75° 30' 51.0"
Ogdensburg Waters Communications Inc.	NY	WPAC	FM	Lic	BLH-19980219KE	98.7 MHz	A LMA record	3.000	28.0	N 44° 43' 41.0" W 75° 26' 36.0"

>> End of Jointly Owned Stations <<

Distance to City Grade Contour for Proposed LMA/Duopoly Stations

Title: KXOJ, Inc. Multiple Ownership Study 3

Database: DW

Bearing (deg)	WWLF Dist. (km)	WRCD Dist. (km)	WMSA Dist. (km)
.0	16.1	28.5	16.1
5.0	15.3	26.8	16.1
10.0	14.3	24.7	16.0
15.0	13.6	23.0	15.8
20.0	12.8	21.4	15.6
25.0	12.4	19.9	15.2
30.0	11.9	18.3	14.8
35.0	11.4	17.8	14.2
40.0	10.8	17.1	13.8
45.0	10.4	16.8	13.8
50.0	9.8	16.4	13.8
55.0	9.6	16.7	13.8
60.0	9.6	16.2	13.8
65.0	10.1	16.2	13.8
70.0	10.6	15.8	13.8
75.0	11.2	15.2	13.8
80.0	11.8	13.8	13.8
85.0	12.5	13.9	13.8
90.0	13.1	12.5	13.8
95.0	13.6	14.5	13.8
100.0	14.2	17.3	13.8
105.0	14.9	17.1	13.8
110.0	15.5	20.5	13.8
115.0	16.5	21.9	13.8
120.0	17.2	20.2	13.8
125.0	18.0	15.6	13.8
130.0	19.0	15.2	13.8
135.0	20.0	15.2	13.8
140.0	21.4	15.4	13.8
145.0	21.4	18.1	13.8
150.0	21.4	17.8	13.8
155.0	21.3	19.5	13.8
160.0	20.8	20.5	13.8
165.0	20.6	21.1	13.8
170.0	20.7	20.3	13.8
175.0	20.6	19.0	13.8
180.0	20.7	20.9	13.8
185.0	20.9	20.0	13.8
190.0	20.8	18.1	13.8
195.0	21.4	17.7	13.8
200.0	21.6	21.7	13.8
205.0	21.3	23.0	13.8
210.0	21.7	24.8	13.8
215.0	22.2	28.1	13.8
220.0	22.8	30.5	13.8
225.0	22.9	30.6	13.8
230.0	22.3	29.9	13.8
235.0	22.2	28.2	13.8
240.0	22.0	29.7	13.8
245.0	22.3	31.4	13.8
250.0	22.6	32.7	13.8

Distance to City Grade Contour for Proposed LMA/Duopoly Stations

Title: KXOJ, Inc. Multiple Ownership Study 3

Database: DW

Bearing (deg)	WVLF Dist. (km)	WRCD Dist. (km)	WMSA Dist. (km)
255.0	22.4	34.1	13.8
260.0	22.6	35.5	13.8
265.0	22.9	36.6	13.8
270.0	22.8	37.6	13.8
275.0	22.9	38.0	13.8
280.0	23.1	38.8	13.8
285.0	23.0	39.4	13.8
290.0	23.0	40.3	13.8
295.0	23.0	40.8	14.0
300.0	22.7	40.9	14.4
305.0	22.5	41.1	14.8
310.0	22.6	41.1	15.1
315.0	22.3	41.2	15.2
320.0	22.7	41.4	15.3
325.0	22.7	40.4	15.4
330.0	22.6	39.7	15.3
335.0	21.7	38.0	15.3
340.0	20.7	35.9	15.6
345.0	19.5	34.3	15.8
350.0	17.4	33.3	16.0
355.0	17.0	31.0	16.1

>> End of Distance to City Grade Contour for Proposed LMA/Duopoly Stations <<

Stations Processed in LMA/Duopoly Study

Title: KXOJ, Inc. Multiple Ownership Study 3

Database: DW

City of license Licensee	St	Call sign	Srv	Auth Owner	FCC file number	Freq	Cls LMA status	ERP/ DkW	HAAT/ NkW	Latitude Longitude
Massena Wade Communications, Inc.	NY	WYBG	AM	Lic		1050 kHz	II/B Xmtr in Con.	1.000	0.066	N 44° 53' 42.0" W 74° 56' 05.0"
Potsdam Saint Lawrence Radio, Inc.	NY	WPDM	AM	Lic		1470 kHz	III/B Xmtr in Con.	1.000	0.044	N 44° 38' 38.0" W 75° 03' 32.0"
Canton Saint Lawrence University	NY	WSLU	FM	Lic	BLED-19850222KP	89.5 MHz	C2 Xmtr in Con.	40.300	91.1	N 44° 32' 01.0" W 75° 05' 50.0"
Potsdam State University of New York	NY	WAIH	FM	Lic	BLED-19941004KA	90.3 MHz	A Xmtr in Con.	0.100	-4.9	N 44° 39' 43.0" W 74° 58' 26.0"
Potsdam Knight & Day, Inc.	NY	WTSC	FM	Lic	BLED-1227	91.1 MHz	A Xmtr in Con.	0.700	41.0	N 44° 39' 45.0" W 75° 00' 07.0"
Potsdam Saint Lawrence Radio, Inc.	NY	WSNN	FM	Lic	BMLH-19880803LA	99.3 MHz	A Xmtr in Con.	3.000	47.2	N 44° 38' 38.0" W 75° 03' 32.0"

>> End of Stations Processed in LMA/Duopoly Study <<

Transmitter Site-to-Site Distance and Bearing Calculations

Title: KXOJ, Inc. Multiple Ownership Study 3

Database: DW

Stations Processed	WVLF		WRCD		WMSA	
	Dist. (km)	Br. (deg)	Dist. (km)	Br. (deg)	Dist. (km)	Br. (deg)
WYBG	4.1	257.4	35.3	338.9	4.1	257.4
WPDM	32.0	205.7	23.1	282.6	32.0	205.7
WSLU	44.4	202.4	26.7	254.3	44.4	202.4
WAIH	27.7	194.9	17.3	293.9	27.7	194.9
WTSC-FM	28.3	199.2	19.4	291.4	28.3	199.2
WSNN	32.0	205.7	23.1	282.6	32.0	205.7

>> End of Transmitter Site-to-Site Distance and Bearing Calculations <<

Summary of Proposed LMA/Duopoly Analysis

Title: KXOJ, Inc. Multiple Ownership Study 3

Database: DW

<u>Stations Processed</u>	<u>WVLF LMA Status</u>	<u>WRCD LMA Status</u>	<u>WMSA LMA Status</u>
WYBG	Xmtr in Con.	Xmtr in Con.	Xmtr in Con.
WPDM	Con. Overlap	Xmtr in Con.	
WSLU	Con. Overlap	Xmtr in Con.	
WAIH		Xmtr in Con.	
WTSC-FM	Con. Overlap	Xmtr in Con.	
WSNN	Con. Overlap	Xmtr in Con.	

>> End of Summary of Proposed LMA/Duopoly Analysis <<