

## W247BU Class A FM Channel Study

Call	Channel	Location		Azi	Dist	FCC	Margin
Lat.	Lng.	Ant	Power		HAAT		
W247BU	CP	247D	Mascoutah	IL	99.2	9.4	33.5
38 32 51.0	89 55 03.0	C	0.027 kW		81 M		-24.1
Covenant Network			BNPFT20130821AAF				

NOTE: See Exhibit 13-B Section 74.1204 Contour Protection - WDLJ

NOTE: See Exhibit 13-C Section 74.1204 Contour Protection - KYKY

NOTE: See Exhibit 13-D Section 74.1204 Contour Protection - Kwap-LP

WBBA-FM LIC 248B1 Pittsfield IL 329.8 131.6 142.5 -10.9  
39 34 53.0 90 47 52.0 CN 10.00 kW 93 M  
Di Two Rivers Radio, Inc. BLH19890821KE

KFTK	LIC	246C1	Florissant	MO	291.9	65.9	74.5	-8.6
38 46 45.0	90 43 43.0	CN	100.000 kW			171 M		
Emmis Radio License, Llc			BLH19851127KC					

NOTE: See Exhibit 13-E Section 74.1204 Contour Protection - WDLJ

WRAN	LIC	247A	Taylorville	IL	32.5	117.8	71.5	46.3
39 27	08.0	89 17	10.0	CX	4.600 kW	114 M		
Miller Communications, Inc				BLH20011109ACK				

KJMO	LIC	248A	Linn	MO	268.1	162.3	114.5	47.8
38 29 56.9	91 53 00.4	CX	6.000 kW	100 M				
Cumulus Licensing Llc				BLH20060714AAX				

WHMS-FM	LIC	248B	Champaign	IL	41.5	228.2	177.5	50.7
40 05 04.0	88 14	53.0	CN	50.000 kW		109 M		
D.w.s., Inc.				BLH19911022KB				

WRUL	LIC	247B	Carmi	IL	108.0	168.1	112.5	55.6
38 04 54.0	88 12 04.0	CN	50.000 kW			149 M		
Estate Of W. Russell Withe			BLH19860107KC					