



Exhibit 13-1 Contour Study for channel 256FX
(St. Paul, MN Proposal)
6/21/2014

Channel: 256

Antenna: Non-directional Circularly Polarized

ERP: 0.038 kW (H & V)

RCAMSL: 329 m

North Lat: 45° 2' 54"

West Lon: 93° 2' 25"

HAAT (Max of 12 evenly spaced radials:) 81.3 m

60 dBu F(50,50): 7.2 km; 40 dBu F(50,10): 24.3 km; 54 dBu F(50,10): 10.3 km; 100 dBu F(50,10): 0.43 km

Call	Class	Frequency	Status	City	State	Country	File Number
Docket	Channel	Service	ERP	HAAT	RCAMSL	RCAGL	Latitude
ASRN	Dist(km)	Dist(mi)	Azimuth	Licensee/Permittee	Req	Dist	Clear by
KTIS-FM	253 C0 FM	98.5 MHz	LIC	MINNEAPOLIS	MN	US	BMLED-20030304AAJ
-	49787	100. kW		315. m	593. m	316. m	N 45 3 30.00 W 93 7 27
1022899	6.70 km	4.16 mi	279.61°	UNIVERSITY OF NORTHWESTERN-ST. PAUL			See Waiver Req.
NEW	255 L1 FL	98.9 MHz	APP	SAINT PAUL	MN	US	BNPL-20131112BEF
-	194304	0.0796 kW		33.5 m	299. m	51. m	N 44 49 27.00 W 92 58 50
1234390	25.3 km	15.75 mi	169.30°	SOUTH MINNIAPOLIS COMMUNITY RADIO			
Dist to 60	dBu F(50,50)	Contour: 5.6 km				15.9 km	9.4 km
NEW	255 L1 FL	98.9 MHz	APP	MINNEAPOLIS	MN	US	BNPL-20131114BCX
-	194943	0.1 kW		27.7 m	293. m	30. m	N 44 57 7.95 W 93 15 14
-	19.9 km	12.39 mi	237.60°	THE MAIN STREET PROJECT			
Dist to 60	dBu F(50,50)	Contour: 5.6 km				15.9 km	4.0 km
NEW	255 L1 FL	98.9 MHz	APP	MINNEAPOLIS	MN	US	BNPL-20131114BOS
-	196795	0.1 kW		27.7 m	293. m	30. m	N 44 57 7.95 W 93 15 14
-	19.9 km	12.39 mi	237.60°	THE ORGANIZING APPRENTICESHIP PROJECT			
Dist to 60	dBu F(50,50)	Contour: 5.6 km				15.9 km	4.0 km
NEW	255 L1 FL	98.9 MHz	APP	MINNEAPOLIS	MN	US	BNPL-20131114BRM
-	196844	0.1 kW		27.7 m	293. m	30. m	N 44 57 7.95 W 93 15 14
-	19.9 km	12.39 mi	237.60°	PILLSBURY UNITED COMMUNITIES			
Dist to 60	dBu F(50,50)	Contour: 5.6 km				15.9 km	4.0 km
WKFX	256 C2 FM	99.1 MHz	LIC	RICE LAKE	WI	US	BLH-19991105AAO
-	55339	44. kW		159. m	516. m	139. m	N 45 22 23.00 W 91 55 22
1024831	94.9 km	58.98 mi	67.19°	TKC, INC.			
Dist to 60	dBu F(50,50)	Contour: 52.2 km				76.5 km	18.4 km
KSJN	258 C FM	99.5 MHz	LIC	MINNEAPOLIS	MN	US	BLH-19910814KH
-	42911	100. kW		315. m	593. m	316. m	N 45 3 30.00 W 93 7 27
1022899	6.70 km	4.16 mi	279.61°	MINNESOTA PUBLIC RADIO			See Waiver Req.

Map Showing no prohibited contour overlap

