

KFFF-FM Allocation Reference Site
Minimum Distance Spacings Study

Channel 257A -- Johnston, Iowa

REFERENCE SITE

41 40 22.0 N.
93 41 51.0 W.

CLASS = A
Current Spacings to 3rd Adj.
Channel 257 - 99.3 MHz

DISPLAY DATES

DATA 01-16-10
SEARCH 01-19-10

Call		Channel	Location		Azi	Dist	FCC	Margin	-	Note #
City		257A	Johnston	IA	0.0	0.0				- # 1
KFFF-FM	LIC	257A	Boone	IA	338.4	45.0	115.0	-70.1		- # 2
KFFF-FM	APP	257A	Johnston	IA	85.2	8.5	115.0	-70.1		- # 3
KPUL	LIC	258A	Winterset	IA	211.1	35.3	72.0	-36.7		- # 4
KWDM	LIC	204A	West Des Moines	IA	206.6	10.3	10.0	0.3		
KMGO	CP	254C0	Centerville	IA	140.6	90.9	86.0	4.9		
KSKB	LIC	256C2	Brooklyn	IA	88.6	111.5	106.0	5.5		
KMA-FM	LIC	257C2	Clarinda	IA	224.3	172.5	166.0	6.5		
KMA-FM	CP -Z	256C1	Clarinda	IA	226.5	139.9	133.0	6.9		
KDAO-FM	LIC	258A	Eldora	IA	38.3	84.0	72.0	12.0		
KIHS	LIC	203A	Adel	IA	255.1	30.3	10.0	20.3		
KURE	LIC	203A	Ames	IA	5.9	39.9	10.0	29.9		
I046739	APP	204A	St. Charles	IA	190.1	42.6	10.0	32.6		
KGRA	LIC	255C3	Jefferson	IA	297.0	76.5	42.0	34.5		
KWAY-FM	LIC	257A	Waverly	IA	41.0	152.8	115.0	37.8		
KMGO	LIC	254C1	Centerville	IA	144.8	119.4	75.0	44.4		

Key to Notes:

- #1 The proposed allocation reference site is located at the Johnston, Iowa community coordinates: 41-40-22 N.L., 93-41-51 W.L.
The Class A City-Grade Distance = 16.2 km.
The proposed reference site Satisfies city-grade coverage requirement to the proposed community of license.
- #2 Licensed KFFF-FM transmitter site.
- #3 Proposed KFFF-FM transmitter site.
- #4 Licensed KPUL transmitter site/facility. Alternate Channel 269A proposed herein.