

**Engineering Statement  
In Support of an  
Application for a Construction Permit  
KCSX, Lee's Summit, Missouri  
Channel 247C1 Channel Spacing Study**

REFERENCE		DISPLAY DATES
39 05 26 N	CLASS = C1	DATA 02-05-02
94 28 18 W	Current Spacings	SEARCH 02-25-02
----- Channel 286 - 97.3 MHz -----		

Call	Channel	Location		BEAR'	D-KM	R-KM	Margin
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<b>Community of Lee's Summit</b>			<b>MO</b>	<b>158.5</b>	<b>21.45</b>		
Reference Coordinates:							
North Latitude: 38-54-38							
West Longitude: 94-22-54							
<b>RADD ADD 247C1 Lee's Summit</b>			<b>MO</b>	<b>259.3</b>	<b>10.94</b>	<b>245.0</b>	<b>-234.06</b>
Of no concern:							
Allotment Reference of							
Ch 247C1							
<b>WIBWFM LIC 247C Topeka</b>			<b>KS</b>	<b>266.0</b>	<b>136.92</b>	<b>270.0</b>	<b>-133.08</b>
Of Note:							
Changing to channel 233C (MM Docket 00-129)							
<b>KRLI LIC 248C3 Malta Bend</b>			<b>MO</b>	<b>71.6</b>	<b>97.20</b>	<b>144.0</b>	<b>-46.80</b>
Of Note:							
Changing to channel 280C3 (MM Docket 00-129)							
<b>KPOWFM LIC 246C3 La Monte</b>			<b>MO</b>	<b>113.5</b>	<b>115.15</b>	<b>144.0</b>	<b>-28.85</b>
Of Note:							
Changing to channel 249C1 (MM Docket 00-129)							
<b>RADD ADD 247C3 Madison</b>			<b>MO</b>	<b>79.8</b>	<b>200.75</b>	<b>211.0</b>	<b>-10.25</b>
Of Concern:							
Protection Afforded Under Section 73.215							
<b>RADD ADD 246A Warsaw</b>			<b>MO</b>	<b>131.2</b>	<b>125.57</b>	<b>133.0</b>	<b>-7.43</b>
Of No Concern:							
Pending Application is Fully Spaced (See below)							
<b>KNIMFM LIC 246C3 Maryville</b>			<b>MO</b>	<b>345.9</b>	<b>140.45</b>	<b>144.0</b>	<b>-3.55</b>
Of Note:							
KNIM is Relocating to a Site Fully Spaced							
<b>KAYQ.A APP 246A Warsaw</b>			<b>MO</b>	<b>131.4</b>	<b>134.87</b>	<b>133.0</b>	<b>1.87</b>
Of Note:							
Pending 73.215 Application (to comply with MM Docket 00-129)							
<b>RADD ADD 246C3 Maryville</b>			<b>MO</b>	<b>346.2</b>	<b>144.15</b>	<b>144.0</b>	<b>0.15</b>
<b>KXUS LIC 247C1 Springfield</b>			<b>MO</b>	<b>149.0</b>	<b>246.60</b>	<b>245.0</b>	<b>1.60</b>
<b>RADD ADD 248A Nevada</b>			<b>MO</b>	<b>174.9</b>	<b>136.20</b>	<b>133.0</b>	<b>3.20</b>
<b>KPOWFM APP 249C1 La Monte</b>			<b>MO</b>	<b>92.3</b>	<b>104.34</b>	<b>82.0</b>	<b>22.34</b>
<b>RADD ADD 249C1 Junction City</b>			<b>MO</b>	<b>267.7</b>	<b>207.85</b>	<b>177.0</b>	<b>30.85</b>
<b>RADD ADD 249C2 La Monte</b>			<b>MO</b>	<b>105.4</b>	<b>118.65</b>	<b>79.0</b>	<b>39.65</b>
<b>KHKI LIC 247C1 Des Moines</b>			<b>IA</b>	<b>12.0</b>	<b>292.05</b>	<b>245.0</b>	<b>47.05</b>
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