

**EXHIBIT 13**  
**Waiver Request of Section 74.1204**  
**Calvary Chapel of Twin Falls, Inc.**  
Brentwood, TN 10 Watts ERP  
Minor Site Change  
July 2018

The proposed site is contained entirely inside the service contour of second-adjacent FM Stations WPLN-FM Nashville, TN and WFCL Nashville, TN

**WPLN-FM**

The proposed site is contained entirely inside the service contours of second-adjacent FM Station WPLN-FM, 212C, 80kW Nashville. The level of least arriving protected F(50,50) signal at the proposed transmitter site is 119.1 dBu. Using the U/D method the interfering contour is 159.1 dBu (free-space contour method employed). The interfering signal would, in the worst case at the maximum radial extend 0.2 meters from the base of the tower. Attached is a google earth aerial photo showing the closest residences and buildings, all of which are located at a much lower elevation than the ground that the tower sits on. There is an enclosure located near the tower site. Because there will be no residences, businesses or major roadways that will be affected by this interference contour Calvary Chapel of Twin Falls, inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent WPLN-FM.

**WFCL**

The proposed site is also contained entirely inside the service contours of second-adjacent FM Station WFCL, 216C2 10kW Nashville. The level of least arriving protected F(50,50) signal at the proposed transmitter site is 83.8 dBu. Using the U/D method the interfering contour is 123.8 dBu (free-space contour method employed). The interfering signal would, in the worst case at the maximum radial extend 14.4 meters or 47 feet from the base of the tower. Attached is a google earth aerial photo showing the closest residences and buildings, all of which are located at a much lower elevation than the ground that the tower sits on. There is an enclosure located near the tower site. Because there will be no residences, businesses or major roadways that will be affected by this interference contour Calvary Chapel of Twin Falls, inc. respectfully requests a waiver of the FM translator contour overlap regulations with respect to second-adjacent WFCL.





Ground Elevation 863 Feet

2 equipment enclosures

equipment enclosure

1148.29 Feet Above Mean Sea Leven

1130 Ft distance gro

approx 898 ft  
Ground elevation 873 Feet

900 ft  
ground elevation 786 feet

Google Earth

600 ft

