

# Radiotechniques

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402 Tenth Ave. • PO Box 367 • Haddon Heights, NJ 08035-0367

Exhibit 12 Figure 2  
Overlap Study Narrative  
BNPFT20030317KOQ  
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This exhibit shows compliance with FCC Rules and Regulations § 74.1204. This rule requires that FM Translators cause no interference to FM Broadcast Stations and Existing FM Translator Stations. This is initially established by showing that there is no overlap between the service contours of protected stations and the potentially interfering contours of the proposed translator.

Channel allocations are shown in Exhibit 12 Figure 1. This map shows the 60 dbu of CoChannel station KWCO-FM, Chickasha, OK, and FM Translator stations W288DB, Wichita Falls, TX and W288CT, Del City, OK. The proposed 40 dbu F(50,10) contour and the 60 dbu F(50,50) contours of the proposal and the station do not overlap.

The map shows the 60 dbu F(50,50) contour of first adjacent channel station KDDQ, Commanche, OK, KRNB, Decatur TX, and KROU, Spencer, OK. The proposed 54 dbu F(50,10) contour does not approach the protected contours of these stations.

Second and Third Adjacent channel allocations are also shown in Exhibit 12 Figure 1. There is one second adjacent station in the vicinity, KQTZ, Hobart, OK. There is no overlap of the proposed 100 dbu F(50,10) with the protected 60 dbu of KQTZ or any other second or third adjacent channel station.

In conclusion, the proposed translator meets all the overlap requirements of § 74.1204 of the FCC rules and regulations.