

Radiotechniques

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Exhibit 12 Figure 2
Overlap Study Narrative
BNPFT20030317KPF
August 2003

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 KWEY-FM, Weatherford, OK, and FM Translator applications BNPFT20030310BHY, El Reno, OK and BNPFT20030314AYL, Norman, 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 KKEN, Duncan, OK, and KRZB, Archer City, OK. The proposed 54 dbu F(50,10) contour does not approach the protected contours of these stations. Additionally there are many first adjacent channel applications for translators. The closest of these are BNPFT20030312AIE and BNPFT20030311AJL, Chicasha, OK and BNPFT20030317KXQ, Wichata Falls, TX

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