

## SECTION 74.1204 OVERLAP STUDY

THE INSTANT TRANSLATOR APPLICATION EASILY COMPLIES WITH THE OVERLAP REQUIREMENTS STIPULATED IN SECTION 74.1204 TOWARDS ALL CO-CHANNEL STATIONS. THE FCC (50,10) 40 DBU INTERFERENCE CONTOUR DOES NOT APPROACH THE PROTECTED 60 DBU CONTOUR OF ANY CURRENTLY AUTHORIZED FACILITIES, ALLOTMENTS, CONSTRUCTION PERMITS, OR APPLICATIONS.

THIS APPLICATION ALSO COMPLIES WITH THE OVERLAP REQUIREMENTS STIPULATED IN SECTION 74.1204 TOWARDS ALL FIRST ADJACENT STATIONS. THE FCC (50,10) 54 DBU INTERFERENCE CONTOUR DOES NOT OVERLAP THE PROTECTED 60 DBU CONTOUR OF ANY CURRENTLY AUTHORIZED FACILITIES, ALLOTMENTS, CONSTRUCTION PERMITS OR APPLICATIONS. APPENDIX A AND APPENDIX B DEMONSTRATE COMPLIANCE TOWARDS 1<sup>ST</sup> ADJACENT STATIONS.

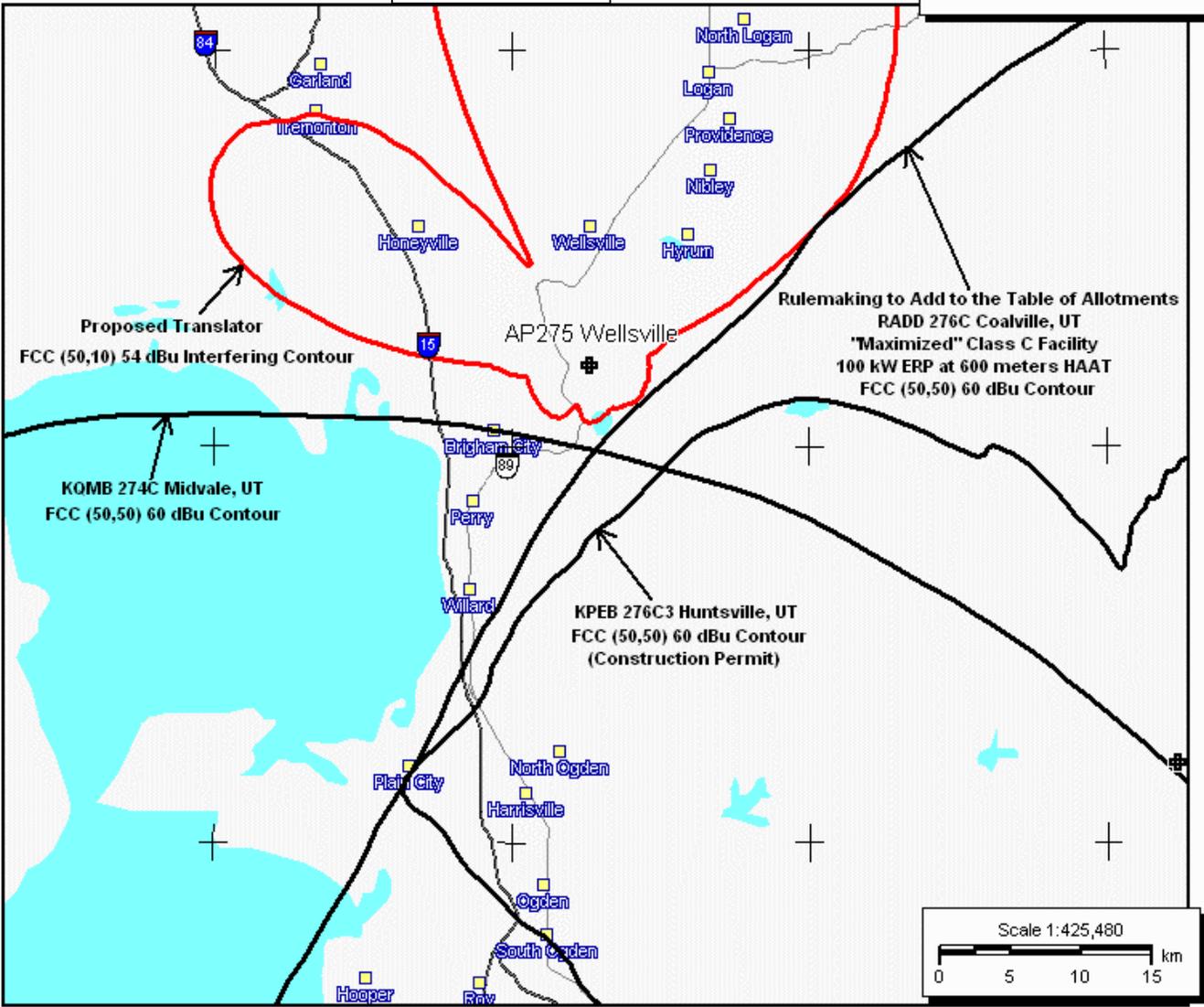
THIS APPLICATION ALSO COMPLIES WITH THE OVERLAP REQUIREMENTS TOWARDS ALL SECOND AND THIRD ADJACENT STATIONS. THE FCC (50,10) 100 DBU INTERFERENCE CONTOUR DOES NOT OVERLAP THE PROTECTED 60 DBU CONTOUR OF ANY CURRENTLY AUTHORIZED FACILITIES, ALLOTMENTS, CONSTRUCTION PERMITS OR APPLICATIONS. APPENDIX C DEMONSTRATES COMPLIANCE TOWARDS ALL 2<sup>ND</sup> AND 3<sup>RD</sup> ADJACENT STATIONS.

FINALLY, THE PROPOSED TRANSLATOR COMPLIES WITH THE I.F. SEPARATION REQUIREMENTS STIPULATED IN SECTIONS 74.1204 AND 73.207 TOWARDS ALL STATIONS 53 OR 54 CHANNELS REMOVED FROM ITS OWN CHANNEL. FOR PURPOSES OF THIS I.F. STUDY, TRANSLATORS WERE TREATED AS CLASS "A" FULL SERVICE STATIONS.

APPENDIX A

Translator Contour Study

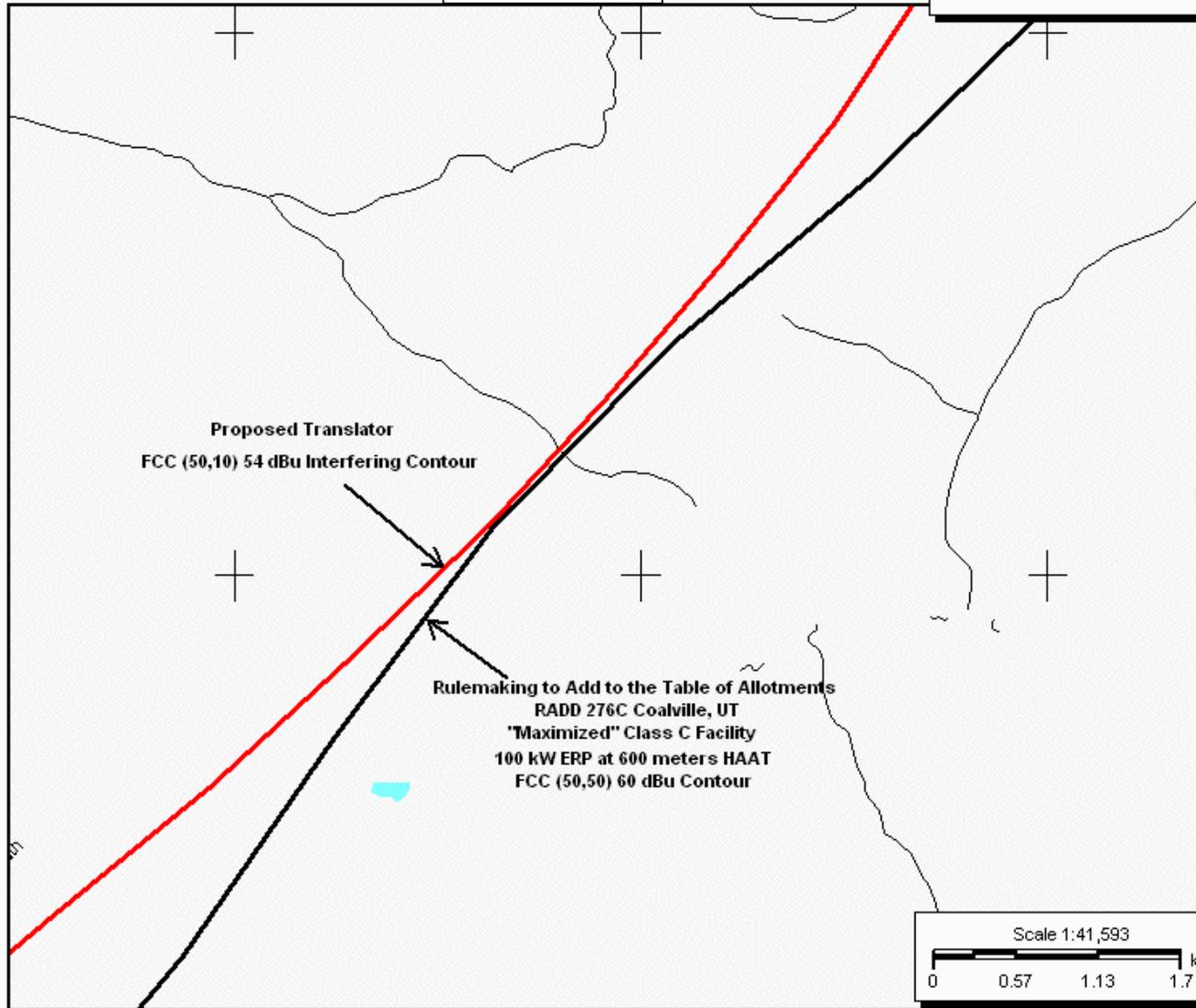
**AP275 Wellsville, UT**  
BNPFT20030317KWQ  
Latitude: 41-33-04 N  
Longitude: 111-56-07 W  
ERP: 0.13 kW  
Channel: 275  
Frequency: 102.9 MHz  
AMSL Height: 2181.0 m  
Elevation: 2176.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: FCC  
Azimuth: 350 deg



APPENDIX B

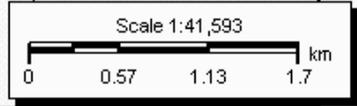
Translator Contour Study

**AP275 Wellsville, UT**  
BNPFT20030317KWQ  
Latitude: 41-33-04 N  
Longitude: 111-56-07 W  
ERP: 0.13 kW  
Channel: 275  
Frequency: 102.9 MHz  
AMSL Height: 2181.0 m  
Elevation: 2176.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: FCC  
Azimuth: 350 deg



**Proposed Translator  
FCC (50,10) 54 dBu Interfering Contour**

**Rulemaking to Add to the Table of Allotments  
RADD 276C Coalville, UT  
'Maximized' Class C Facility  
100 kW ERP at 600 meters HAAT  
FCC (50,50) 60 dBu Contour**



APPENDIX C

Translator Contour Study

**AP275 Wellsville, UT**  
BNPFT20030317KWQ  
Latitude: 41-33-04 N  
Longitude: 111-56-07 W  
ERP: 0.13 kW  
Channel: 275  
Frequency: 102.9 MHz  
AMSL Height: 2181.0 m  
Elevation: 2176.0 m  
Horiz. Pattern: Directional  
Vert. Pattern: No  
Prop Model: FCC  
Azimuth: 350 deg

