

**Section 74.1204 - Statement of Compliance  
W300DL-CP, Melbourne, FL  
Modification of FCC Construction Permit  
FCC File No. BNPFT-20171215ABK  
FM Translator Facility ID. 200857  
April, 2021**

The Applicant proposes a minor modification to the above-referenced, non-reserved band, FM translator authorization. Specifically, the applicant proposes herein relocate the translator and change power and antenna height. As demonstrated in Exhibit A, submitted elsewhere in this application, the proposed changes are considered a minor modification pursuant to Section 74.1233 of the FCC Rules. As discussed below, the instant proposal complies with the protection requirements set forth in Section 74.1204 of the FCC Rules.

**Section 74.1204 Contour Overlap Protection Criteria**

Attached is a map which demonstrates that proposed technical facility complies with the contour overlap provisions of Section 74.1204(a) of the FCC Rules with respect to all pertinent cochannel (See Exhibit 1) and first-adjacent channel (See Exhibit 2) assignments, authorizations and applications. The instant proposal is well clear of all other relevant protection considerations that are not represented herein.



# Section 74.1204 CoChannel Contour Overlap Study

Exhibit 1 April, 2021

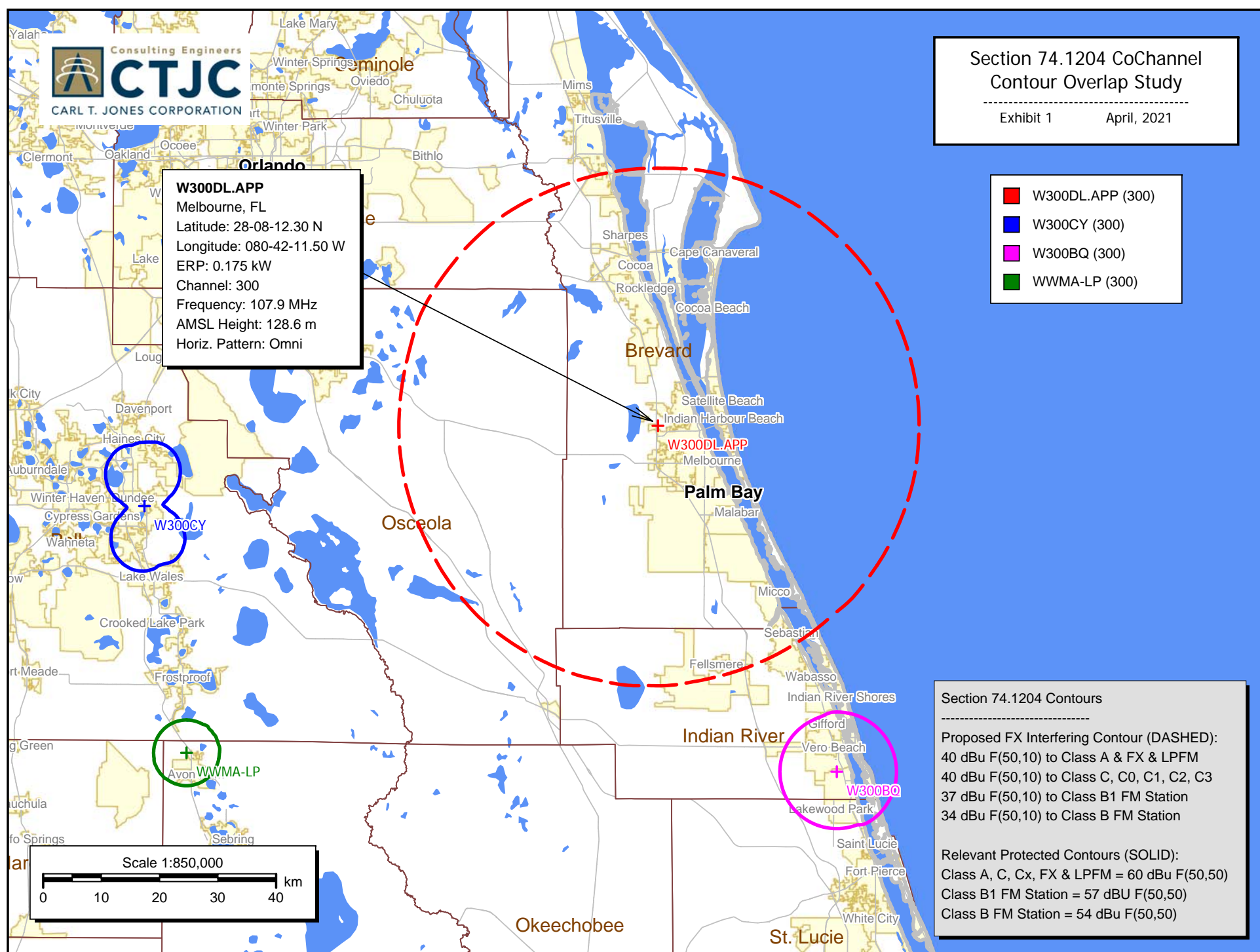
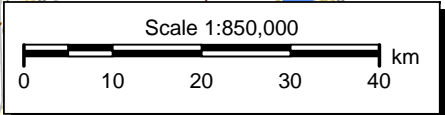
**W300DL.APP**  
Melbourne, FL  
Latitude: 28-08-12.30 N  
Longitude: 080-42-11.50 W  
ERP: 0.175 kW  
Channel: 300  
Frequency: 107.9 MHz  
AMSL Height: 128.6 m  
Horiz. Pattern: Omni

- W300DL.APP (300)
- W300CY (300)
- W300BQ (300)
- WWMA-LP (300)

**Section 74.1204 Contours**

Proposed FX Interfering Contour (DASHED):  
40 dBu F(50,10) to Class A & FX & LPFM  
40 dBu F(50,10) to Class C, C0, C1, C2, C3  
37 dBu F(50,10) to Class B1 FM Station  
34 dBu F(50,10) to Class B FM Station

Relevant Protected Contours (SOLID):  
Class A, C, Cx, FX & LPFM = 60 dBu F(50,50)  
Class B1 FM Station = 57 dBu F(50,50)  
Class B FM Station = 54 dBu F(50,50)



#### Section 74.1204 Contours

##### Proposed FX Interfering Contour (DASHED):

54 dBu F(50,10) to Class A & FX & LPFM  
54 dBu F(50,10) to Class C, C0, C1, C2 & C3  
51 dBu F(50,10) to Class B1 FM Station  
48 dBu F(50,10) to Class B FM Station

##### Relevant Protected Contours (SOLID):

Class A & FX & LPFM = 60 dBu F(50,50)  
Class C, C0, C1, C2 & C3 = 60 dBu F(50,50)  
Class B1 FM Station = 57 dBu F(50,50)  
Class B FM Station = 54 dBu F(50,50)

#### Section 74.1204 First-Adjacent Channel Contour Overlap Study

Exhibit 2 April, 2021

**W300DL.APP**  
Melbourne, FL  
Latitude: 28-08-12.30 N  
Longitude: 080-42-11.50 W  
ERP: 0.175 kW  
Channel: 300  
Frequency: 107.9 MHz  
AMSL Height: 128.6 m  
Horiz. Pattern: Omni

■ W300DL.APP (300)  
■ WMGF.299C (299)

Scale 1:800,000

