

W257DE.C - Stuart, FL - BNPFT20130812ACT

Latitude: 27-08-13 N - Longitude: 080-11-57 W
Channel: 257 - Frequency: 99.3 MHz
ERP: 0.08 kW - AMSL Height: 49.0 m

W257DE - Vero Beach, FL - Proposed

Latitude: 27-37-12 N - Longitude: 080-25-01 W
Channel: 289 - Frequency: 105.7 MHz
ERP: 0.25 kW - AMSL Height: 56.6 m

GRAHAM BROCK, INC.

BROADCAST TECHNICAL CONSULTANTS

EXHIBIT A
MINOR CHANGE APPLICATION
VERO BEACH BROADCASTERS, LLC
W257DE FM TRANSLATOR STATION
CH 289D - 105.7 MHz - 0.250 Kw
VERO BEACH, FLORIDA
January 2016

Distance Between W257DE C.P. and W257DE Proposed:
57.698 km / 35.852 miles

250 miles / 403 km

Scale 1:5,000,000

0 70 140 210 km

MINOR CHANGE APPLICATION
VERO BEACH BROADCASTERS, LLC
W257DE FM TRANSLATOR STATION
CH 289D - 105.7 MHz - 0.250 Kw
VERO BEACH, FLORIDA
January 2016

EXHIBIT A1

Find Distance and Azimuths Between 2 Sets of Coordinates -- Results

Distance between

N Latitude 27 8 13.00, W Longitude 80 11 57.00 (Point 1)

and N Latitude 27 37 12.00, W Longitude 80 25 1.00 (Point 2)

57.698 kilometers; 35.852 miles

Azimuth from point 1 to point 2 = 338.23°
Azimuth from point 2 to point 1 = 158.13°