

ENGINEERING STATEMENT
IN SUPPORT OF
REQUEST FOR SPECIAL TEMPORARY AUTHORITY
WSFL-TV
MIAMI, FL

Request for Special Temporary Authority

Scripps Broadcasting Holdings LLC (Scripps), licensee of WSFL-TV, located at Miami, FL, is seeking special temporary authority for WSFL-TV to operate from an existing broadband antenna during tower construction that will occur near the station's licensed antenna. The construction is anticipated to start on September 18, 2023 and is not expected to exceed 30 days.

The broadband antenna is located at a lower height on the same tower as the station's licensed antenna.

As shown in Figure 1, attached hereto, the entire principal community of Miami will remain well within the predicted F(50,90) 48 dBu contour of the proposed STA facility based on the directional 303 kW ERP.

Environmental/RFR

This report addresses only the conditions specified in 47CFR1.1307 that deal with Radio Frequency Radiation. Any other non-RFR conditions that might require the preparation of an EA are beyond the scope of this report.

The location of the WSFL-TV Ch. 27 facility is assumed to currently be “in compliance” with FCC guidelines for human exposure to RFR (as defined in OET-65). Since WSFL-TV is proposing to operate with an ERP that is lower than the authorized ERP (303.0 kW instead of 1000.0 kW), its contribution to the overall RFR at the site will be reduced.

Scripps agrees to comply with the Commission’s requirements regarding power adjustments or cessation of operation as may be necessary to ensure a compliant environment for worker access.

Certification

I hereby certify that the foregoing report or statement was prepared by me but may include work performed by others under my supervision or direction. The statements of fact contained therein are believed to be true and correct based on personal knowledge, information and belief unless otherwise stated; with respect to facts not known of my own personal knowledge, I believe them to be true and correct based on their origin from sources known to me to be generally reliable and accurate. I have prepared this document with due care and in accordance with applicable standards of professional practice.



Benjamin Pidek, P.E.
September 18, 2023

Figure 1 – Map of F(50,90) 48 dBu Contour of Proposed WSFL-TV STA Facility

Ben Pidek Consulting, LLC

WSFL-TV STA

Latitude: 25-58-08 N
Longitude: 080-13-19 W
ERP: 303.00 kW
Channel: 27
Frequency: 551.0 MHz
AMSL Height: 258.3 m

FCC F(50,90) 48 dBu Contour of Proposed WSFL-TV STA Facility (Black)

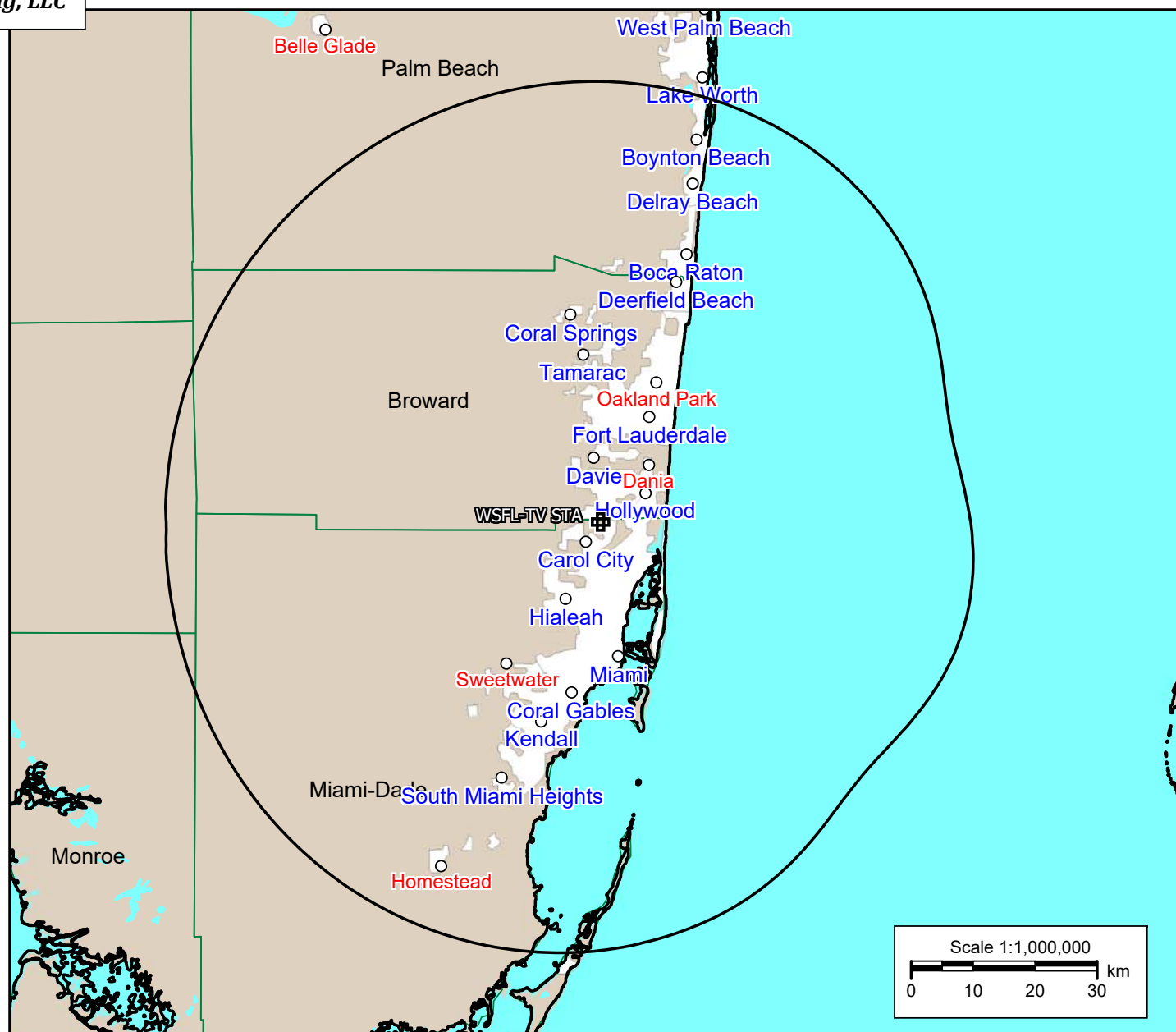


Figure 1