

ENGINEERING STATEMENT PREPARED BY RYAN WILHOUR OF THE FIRM
KESSLER AND GEHMAN ASSOCIATES, INC., TELECOMMUNICATIONS
CONSULTING ENGINEERS IN CONNECTION WITH A REQUEST FOR SPECIAL
TEMPORARY AUTHORITY (“STA”) TO OPERATE THE SCHOOL BOARD OF MIAMI-
DADE COUNTY, FLORIDA (“SBMDC”) STATION W202BO ON CHANNEL 263 IN
PLACE OF CHANNEL 210 AS LICENSED IN FCC FILE NUMBER BLFT-19931223TD

The firm Kessler and Gehman Associates, Inc. has been retained by SBMDC to prepare an engineering statement and STA for W202BO. Specifically it is hereby requested to temporarily broadcast on channel 263. No other changes are proposed.

ATTACHED FIGURES

In carrying out the engineering studies the following attached figures were prepared:

- A contour study illustrating the need for the instant STA (Exhibit E1).
- An allocation study demonstrating interference compliance to neighboring FM stations for the requested alternate channel (Exhibit E2).

DISCUSSION

SBMDC has a licensed facility (FCC File No.: BLFT-19931223TD) to operate W202BO on channel 210. Exhibit E1 demonstrates that with the Commission’s grant of WKWR(FM) (FCC file number BMPED-20050711ABB), W202BO and WKWR(FM) have become mutually exclusive. W202BO is a secondary service, and it is the responsibility of SBMDC to

resolve the interference conflict. Since the construction permitted WKWR(FM) protected contour completely envelopes the Key West city boundary, a minor modification to W202BO is not possible in order to continue serving Key West. Alternatively W202BO may continue to serve Key West by changing the broadcast channel from 210 to 263. Exhibit E2 demonstrates an allocation study illustrating a wide margin between the W202BO interfering contour and the closest protected contour of any facility.

Since a channel change is a “major modification” which requires a FCC filing window, and a minor modification will not fix the mutually exclusive situation with WKWR(FM) it is hereby justified to request the instant channel change STA to continue serving Key West until a major modification FCC filing window opens.

Upon the grant of the instant STA, SBMDC plans to operate W202BO on the alternate channel and understands that STAs expire after six months and can be extended for a maximum of six months at a time. The applicant accepts full responsibility for the elimination of any objectionable interference including that caused by intermodulation to facilities in existence or authorized prior to the grant of this STA. An analysis has not been made of the human exposure to RFR since the frequency is being increased and no change in antenna, antenna height, power, or location is proposed.

CERTIFICATION

I, Ryan Wilhour, am an associate of Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida and have been working in the field of radio and television broadcast consulting since 1996. I am a graduate of the University of Florida with a Bachelor of Science

degree in electrical engineering. The foregoing statement and the report regarding the aforementioned engineering work are true and correct to the best of my knowledge. Executed on January 30, 2006.



Ryan Wilhour

A handwritten signature in blue ink that reads 'Ryan Wilhour'. The signature is written in a cursive, flowing style.

Consulting Engineer

Kessler and Gehman Associates, Inc.

■ F(50,10) 54 dBu Interfering Contour
■ F(50,50) 60 dBu Protected Contour

W202BO
BLFT19931223TD
Latitude: 24-34-58 N
Longitude: 081-46-00 W
ERP: 0.237 kW
Channel: 210
Frequency: 89.9 MHz
AMSL Height: 45.0 m
Elevation: 0.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

WKWR.C
BMPED20050711ABB
Latitude: 24-34-05 N
Longitude: 081-44-53 W
ERP: 0.25 kW
Channel: 211
Frequency: 90.1 MHz
AMSL Height: 22.0 m
Elevation: 2.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

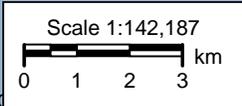
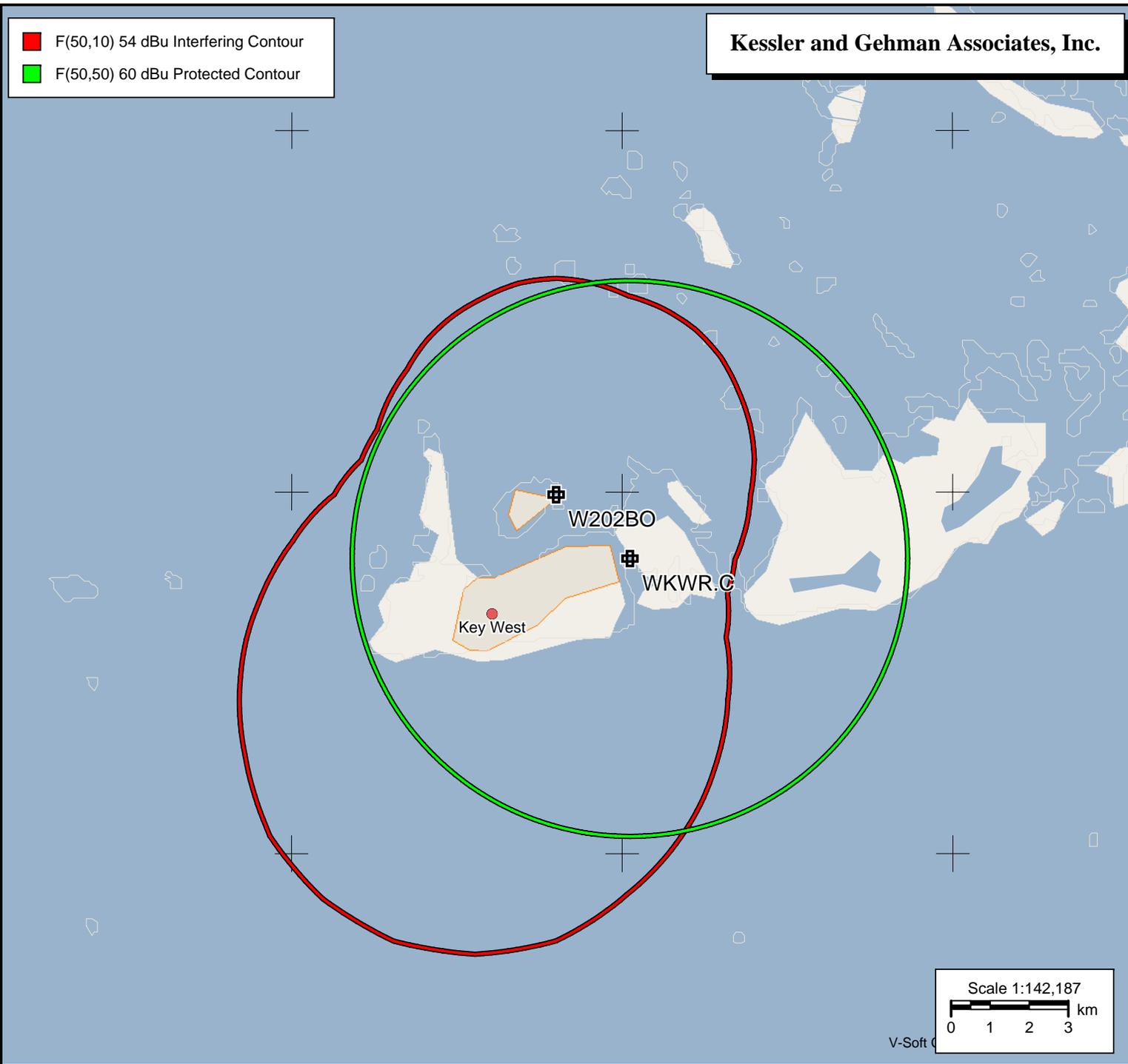


Exhibit E1

V-Soft

Kessler and Gehman Associates, Inc.

■ F(50,10) 54 dBu Interfering Contour
■ F(50,50) 60 dBu Protected Contour

W202BO
BLFT19931223TD
Latitude: 24-34-58 N
Longitude: 081-46-00 W
ERP: 0.237 kW
Channel: 263
Frequency: 100.5 MHz
AMSL Height: 45.0 m
Elevation: 0.0 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

WCTH
BLH4446
Latitude: 24-57-30 N
Longitude: 080-34-30 W
ERP: 100.00 kW
Channel: 262
Frequency: 100.3 MHz
AMSL Height: 137.0 m
Elevation: 1.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

WCTH.C
BPH20050214AGP
Latitude: 24-57-34 N
Longitude: 080-34-30 W
ERP: 100.00 kW
Channel: 262
Frequency: 100.3 MHz
AMSL Height: 141.0 m
Elevation: 1.0 m
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

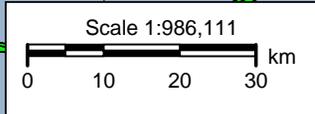
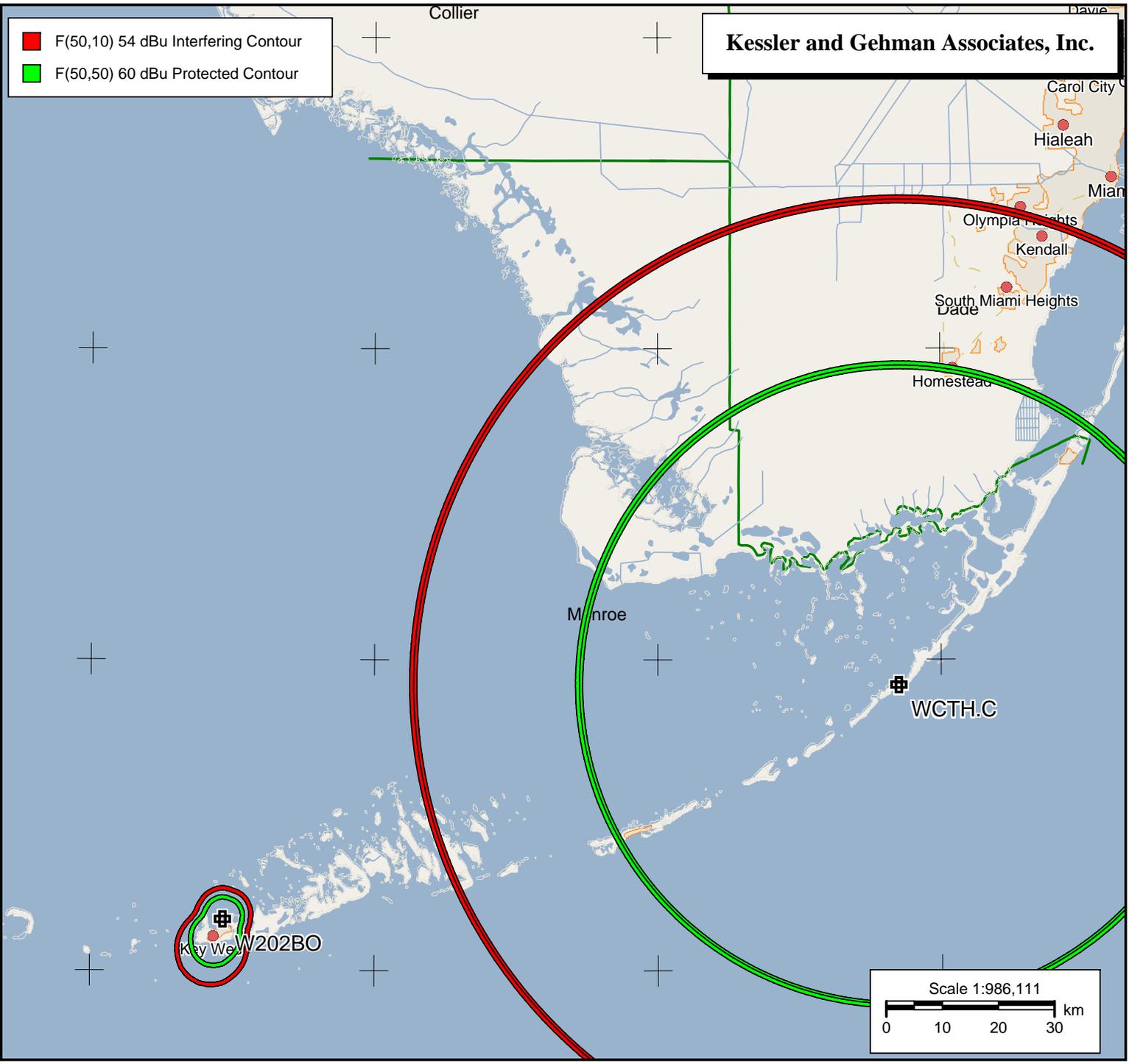


Exhibit E2