

# **R. M. SMITH ASSOCIATES**

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## **ENGINEERING STATEMENT**

**ON BEHALF OF**

**GAMMA BROADCASTING, LLC**

July 14, 2013

## **PURPOSE AND SCOPE**

This Engineering Statement has been prepared on behalf of Gamma Broadcasting, LLC (“Gamma”), the applicant for a Construction Permit for a minor modification of the facilities of WAVK(FM), Marathon, FL (Facility ID 23294). This Statement addresses the overlap of the proposed 70 dBu F(50,50) contours of WAVK(FM) and other facilities owned by Gamma or affiliated companies.

## **WAVK(FM) OVERLAP WITH AFFILIATED FACILITIES**

Gamma owns three FM broadcast stations in south Florida. As shown in the attached Figure 1, the WAVK(FM) proposed 70 dBu F(50,50) contour will overlap entirely the 70 dBu contours of co-owned WWUS(FM) and WCNK(FM). The market of interest is therefor defined by the overlap area of the proposed WAVK(FM) 70 dBu contour and licensed WWUS(FM) and WCNK(FM) 70 dBu contours.

## **STATIONS IN MARKETS**

Also plotted in Figure 1 of this Statement are the antenna sites of some of the other FM stations in the vicinity of WAVK(FM).

As shown in Figure 1, at least the following facilities have transmitter sites within the defined market and so are in the market.

WAVK(FM)	288C2	Marathon Key, FL
WWUS(FM)	282C1	Big Pine Key, FL
WCNK(FM)	254C1	Key West, FL
WMFM(FM)	300C1	Key West, FL
WGMX(FM)	232C2	Marathon, FL
WPIK(FM)	273C2	Summerland Key, FL
WEOW(FM)	224C1	Key West, FL

The transmitter site of each radio station listed above is located within the overlap area of WAVK(FM), WWUS(FM) and WCNK(FM).

## **CONCLUSIONS**

The market defined by the WAVK(FM), WCNK(FM) and WWUS(FM) 70 dBu contours contains at a minimum, seven FM facilities. Of these seven stations three and only three are owned by Gamma or affiliated companies.

## **CERTIFICATION**

I, Robert M. Smith Jr. do hereby state that all of the data and calculations used in the preparation of this Statement are true and correct to the best of my knowledge and belief. I further state that I am an experienced and qualified broadcast engineer and that my qualifications are a matter of record with the Commission.

A handwritten signature in black ink, appearing to read "Robert M. Smith Jr.", written in a cursive style.

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Robert M. Smith Jr.

WAVK(FM) - MARATHON, FL

