

Technical Exhibit

NETWORK OF GLORY, INC.
Technical Exhibits in Support of
MINOR CHANGE TO LICENSED FACILITY

WJGS

CHANNEL 218 A
3 kW ERP (directional antenna)
70 meters HAAT (FCC/NGDC 30 Second Terrain)
229 meters COR AMSL
71 meters COR AGL

ASR# 1208665

33 30 13.8 N x 82 46 12.9 W (NAD 27)
NORWOOD, GA (PROPOSED)

July 30, 2010

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Table 1: Channel Study

Table 2: Radiofrequency Electromagnetic Exposure Analysis

NETWORK OF GLORY, INC.
Technical Exhibits in Support of
MINOR MODIFICATION OF CONSTRUCTION PERMIT for WJGS

WJGS CH218C3 – 91.5 MHz – 3 kW 70 M HAAT – NORWOOD, GA

This Exhibit is in support of the Minor Modification of Construction Permit Application for WJGS by NETWORK OF GLORY, INC. (herein “Applicant”). Specifically, this application proposes a modified ERP and modified directional antenna pattern.

Interference Compliance

Contour protection, as required by C.F.R. Section 73.509 to co-channel, first, second and third adjacent channels is shown herein and is 100% (Figures 1 - 3). Required spacing with respect to facilities operating on I.F. frequencies is fully compliant with C.F.R. Section 73.207 of the Commission’s Rules (Table 1).

Environmental Protection Act / RF Radiation Compliance (Table 2)

The Rules require that an addition to any multiple use site must not contribute non-ionizing RF Radiation in excess of the total limits for each class of service in either of the two selected environments.

In the case of FM, this limit is 1,000 microwatts for the controlled, or worker environment, or 200 microwatts for the uncontrolled, or public, environment per square centimeter at 2 meters above ground level.

WJGS proposes to use a Shively 6810-2 directional antenna designed to provide the required pattern taking into account the specific structural attributes of the proposed tower.

The attached Radiofrequency Electromagnetic Exposure Analysis (Table 2) specifically lists all potential sources of radiation and estimates the power density expected to occur at a distance of 10 meters from the base of the tower, the maximum power density expected from each source, the maximum distance from the base of the tower to the point of maximum power density for each source, and the total worst case (sum of all maximum power densities, from all sources, at the most distant maximum occurring power density). The power density values are in units of microwatts per square meter at a height of 2 meters above ground level. These levels are also expressed relative to the maximum allowable limit of each of the two environments (see Table 2).

Considering all existing and proposed sources, the total contribution of all potential sources of radiation within 10 meters from the base of the tower (controlled environment) is 0.7 microwatts per square centimeter at 2 meters above ground level which is 0.1% of the ANSI limit for the controlled environment.

For the uncontrolled environment, the sum of all individual source maximum power densities is 6 microwatts per square centimeter at 2 meters above ground level. The maximum power density value extends no farther than 46 meters from the base of the tower. This represents a “worst case” power density level which is only 2.8% of the ANSI limit for the uncontrolled environment.

Given that access within 10 meters to the site is restricted by a locked fence, and given that no more than 6 microwatts per square centimeter at 2 meters above ground level (2.8% of the ANSI limit) is predicted to occur at any point beyond 46 meters from the base of the tower, the total radiation contributed by WJGS would be less than the ANSI limit for all points in both the controlled and the uncontrolled environments. Therefore, this proposal is fully compliant with the provisions of OET Bulletin #65 as recently amended.

The contribution of WJGS was calculated using FCC FM Model v2.10 Beta. Further to the requirements and intentions of the FCC, appropriate signs will be posted at entrances to the property, on the walls and doors of buildings containing transmitters, and on fences warning the public and workers of the potential hazard.

Applicant will require that the power to the antenna be reduced as necessary to accommodate workers or will discontinue operation, if necessary, for this purpose.

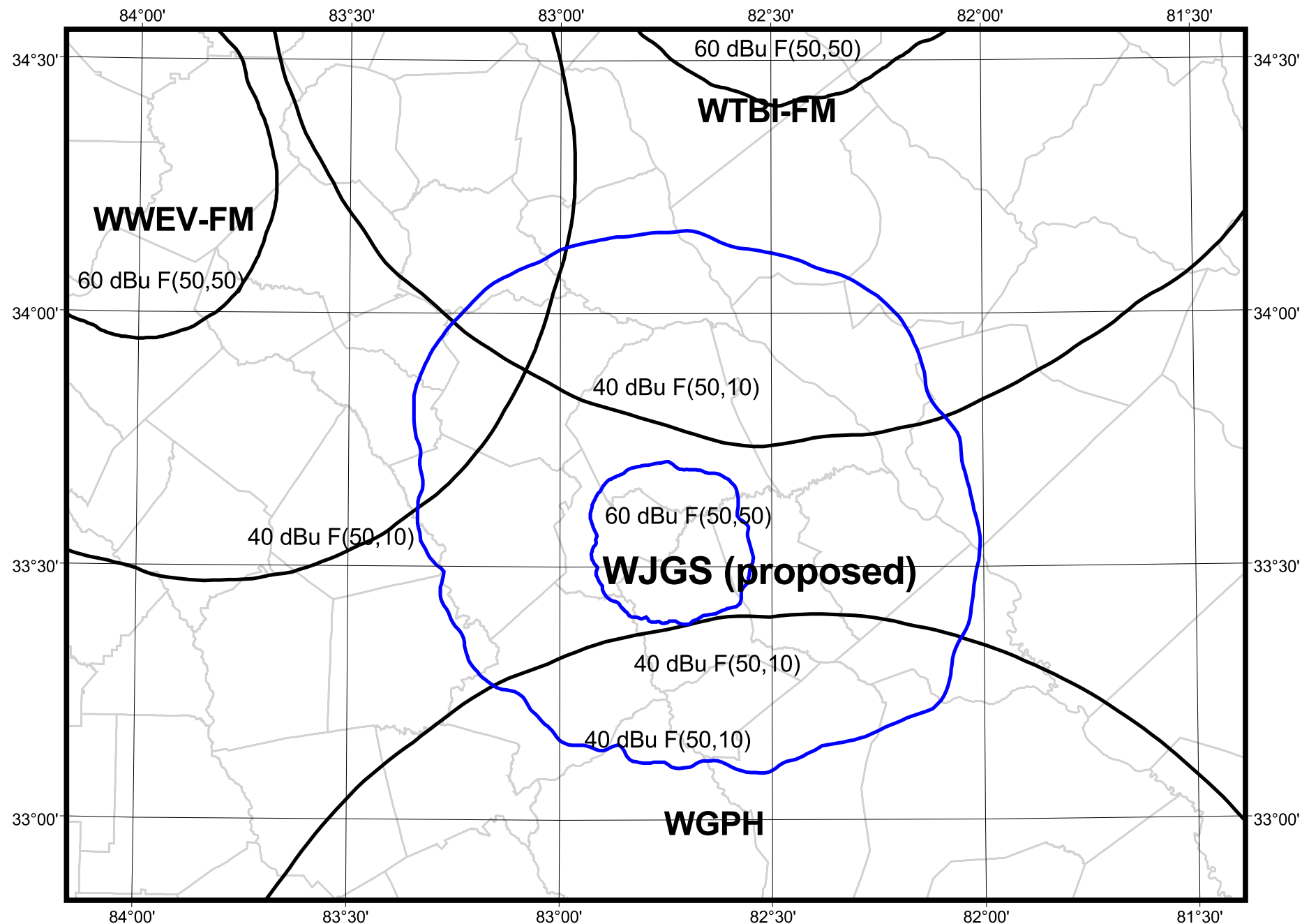


Figure 1

**WJGS, THOMSON, GA: MINOR MODIFICATION OF CONSTRUCTION PERMIT
Co-channel Study**

Radio Data Services

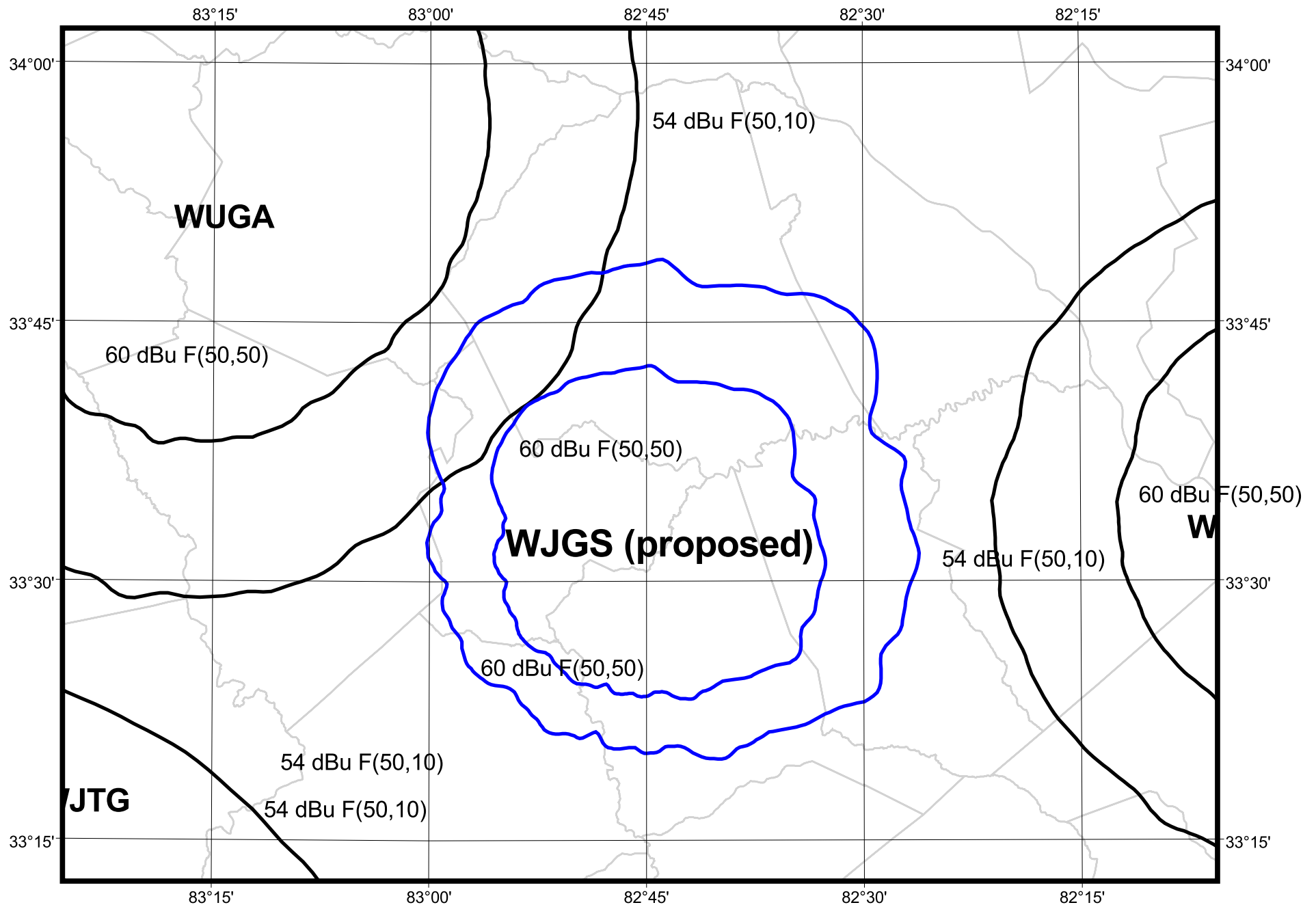


Figure 2

**WJGS, THOMSON, GA: MINOR MODIFICATION OF CONSTRUCTION PERMIT
1st adjacent channel Study**

Radio Data Services

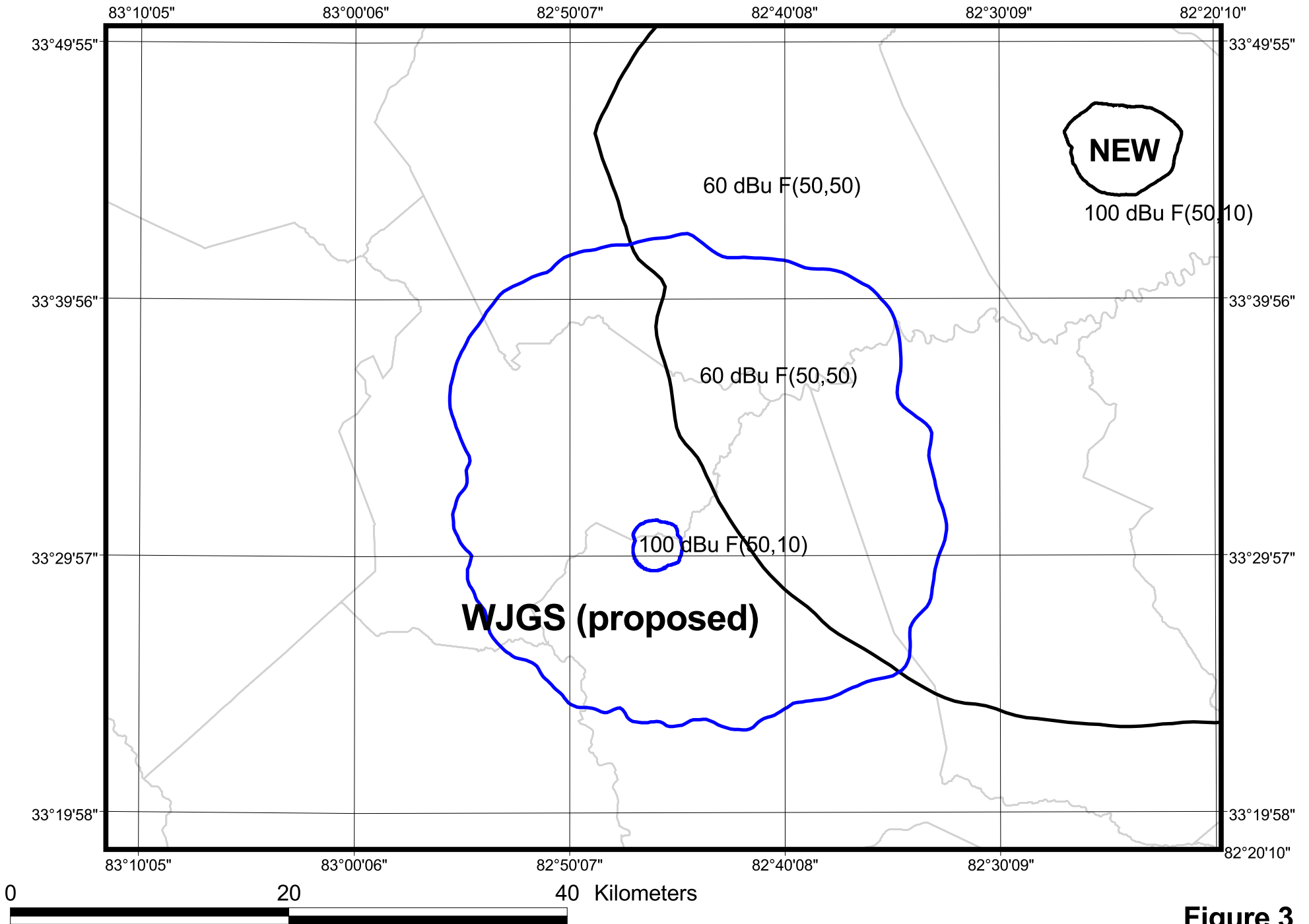


Figure 3

**WJGS, THOMSON, GA: MINOR MODIFICATION OF CONSTRUCTION PERMIT
2nd and 3rd adjacent channel Study**

Radio Data Services

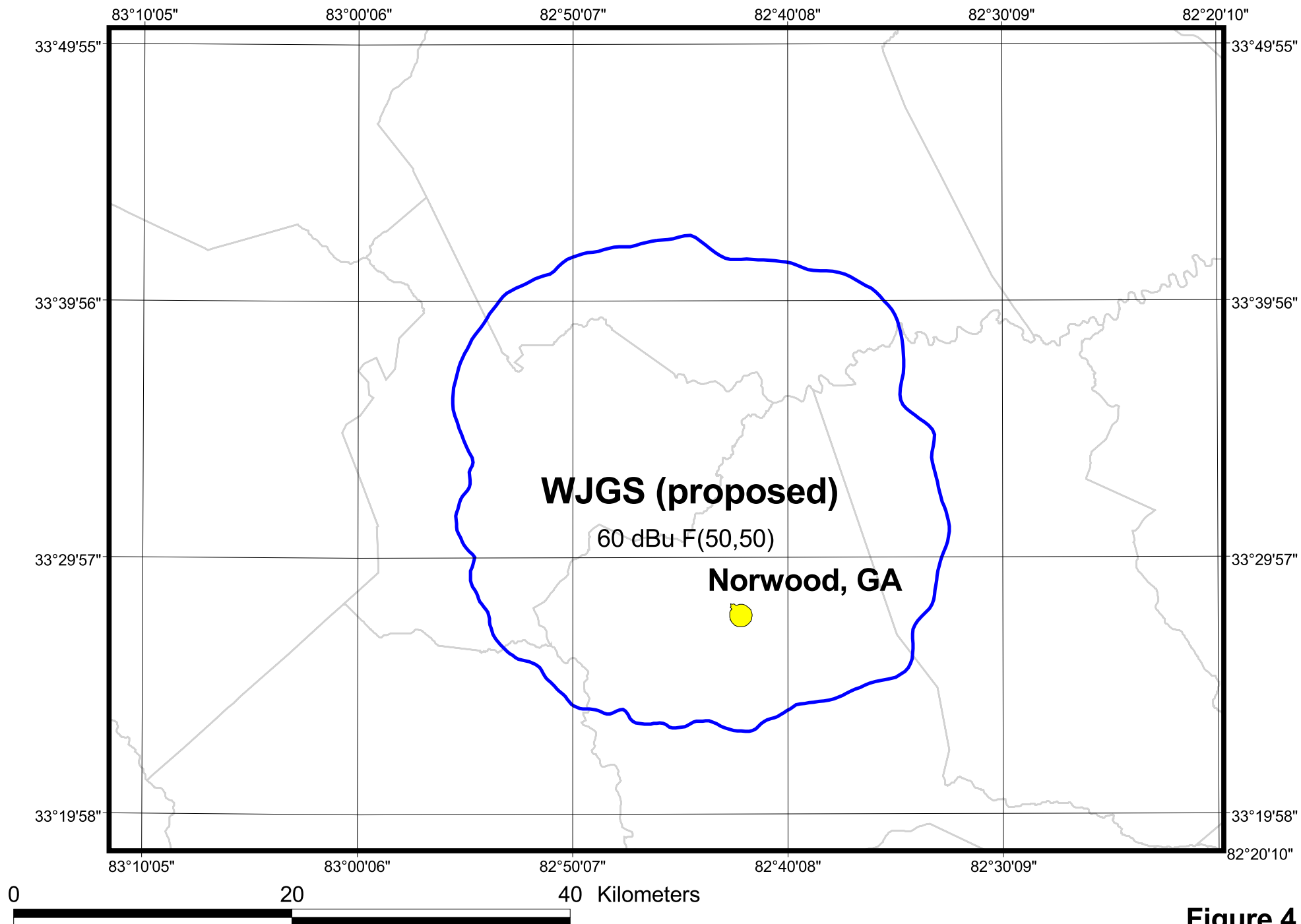


Figure 4

WJGS, THOMSON, GA: MINOR MODIFICATION OF CONSTRUCTION PERMIT
Community Coverage: Norwood, Georgia

Radio Data Services

Radiofrequency Electromagnetic Exposure Analysis for WJGS

Source	Height AGL(m)	Antenna type	Bays	Horizontal ERP (kw)	Vertical ERP (kw)	Power Density $\mu\text{W}/\text{cm}^2$ at 2 meters AGL				
						at 10 meters distance	% controlled environment limit (1000 $\mu\text{W}/\text{cm}^2$)	Max. PD	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$)	Distance to maximum PD (m)
WJGS	71	SHIVELY 6810-2	2	3.0	3.0	0.7	0.1%	6	2.8%	46
						0.7	0.1%	6	2.8%	46

(proposed)

The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments).

Calculations made using FCC FM Model v2.10 Beta