

Proposed Minor CP Modification for W251CQ at Gardner, MA

Facility ID 201705

Technical Statement

Summary

This application proposes to change from a non-directional antenna to directional and increase ERP to 250 Watts. No other changes are proposed. The proposed service contour overlaps that presently authorized (both green in Figure 1) and remains within 25 miles of the antenna site of primary WGAW(AM). (gray circle.)

Section 74.1204 Study

The following facilities were considered:

Call Sign	C	ST	City	Freq. ▼	ERP	Class	Status	D
WUTY-LP CP	1	MA	WORCESTER	97.9	100.0	LP100	CP	39.66
WUTY-LP LIC	1	MA	WORCESTER	97.9	100.0	LP100	LIC	36.67
WACF-LP	1	MA	BROOKFIELD	98.1	100.0	LP100	LIC	42.77
W251CQ CP	3	MA	GARDNER	98.1	120.0	D	CP	0.00
Proposed	3	MA	GARDNER	98.1	250.0	D	APP	0.00
WBZ-FM	1	MA	BOSTON	98.5	9000.0	B	LIC	70.36
WGAW(AM)	1	MA	GARDNER	1340.0	1000.0	D	LIC	0.00

As illustrated .no prohibited overlap will occur. (Key: Same colors may not overlap.)

Environmental Considerations

No physical changes are proposed other than mounting the antenna on the existing AM tower. RFR compliance was determined through the use of the RF worksheets in Appendix A. The applicant will cease operation or reduce power as necessary, in order to prevent uncontrolled or controlled exposure in excess of the guidelines of OET-65.

Respectfully submitted,



Dennis Jackson
June 22, 2020

Figure 1 – Section 74.1204 Study and Fill-In Status

No prohibited overlap is created. (Key: Same colors may not overlap.)

Proposed service contour (green) does not exceed 25 miles (gray circle) from AM site.

