

Section 73.509 Co-Channel
Contour Overlap Study

Exhibit 1

August, 2017

Key to Stations on Map

- WJMJ.APP.205B
- WVBA.205B1.FAC.ID.175088
- WFRS.205A.FAC.ID.20927

WJMJ.APP.205B

Hartford, CT
Latitude: 41-42-13 N
Longitude: 072-49-57 W
ERP: 2.30 kW
Channel: 205
Frequency: 88.9 MHz
AMSL Height: 534.0 m
Horiz. Pattern: Directional

Section 73.509 Contours

Proposed Facility (DASHED)

- 60 dBu F(50,50) Protected Contour
- 40 dBu F(50,10) Interfering Contour

Relevant Co-Channel Stations (SOLID):

- 60 dBu F(50,50) Protected Contours
- 40 dBu F(50,10) Interfering Contours

Scale 1:1,500,000



Section 73.509 First-Adjacent Channel Contour Overlap Study

Exhibit 2

August, 2017

Key to Stations on Map

- WJMJ.APP.205B
- WRHV.and.WFNP.Share.Time.204A
- WNHU.204A.FAC.ID.69070
- WPKT.206B1.FAC.ID.13618

Section 73.509 Contours

Proposed Facility (DASHED)
60 dBu F(50,50) Protected Contour
54 dBu F(50,10) Interfering Contour

Relevant First-Adjacent Channel Stations (SOLID):
60 dBu F(50,50) Protected Contours
54 dBu F(50,10) Interfering Contours

WJMJ.APP.205B
Hartford, CT
Latitude: 41-42-13 N
Longitude: 072-49-57 W
ERP: 2.30 kW
Channel: 205
Frequency: 88.9 MHz
AMSL Height: 534.0 m
Horiz. Pattern: Directional

Scale 1:1,297,917



Section 73.509 Second & Third Adjacent Channel Contour Overlap Study

Exhibit 3

August, 2017

Key to Stations on Map

- WJMJ.APP.205B
- WJMJ.LICENSE.205B1
- WRTC-FM.207A.FAC.ID.68255

WJMJ.APP.205B

Hartford, CT
Latitude: 41-42-13 N
Longitude: 072-49-57 W
ERP: 2.30 kW
Channel: 205
Frequency: 88.9 MHz
AMSL Height: 534.0 m
Horiz. Pattern: Directional

Section 73.509 Contours

Proposed Facility (HEAVY DASHED)
60 dBu F(50,50) Protected Contour
100 dBu F(50,10) Interfering Contour

Licensed Facility (THIN DASHED)
60 dBu F(50,50) Protected Contour
100 dBu F(50,10) Interfering Contour

Relevant 2nd or 3rd Adjacent Channel Stations (SOLID):
60 dBu F(50,50) Protected Contours
100 dBu F(50,10) Interfering Contours

