

Exhibit A - Predicted Interference to W233CS.C

W233CS.C (233) Fort Wayne, IN - BNPFT20180418AHA

Lat: 41-05-57.20 N Lng: 085-08-41.90 W [NAD83]

ERP: 0.044 kW AMSL: 330.0 m

FM Interference Study

	Population	Area (sq. km)
W233CS.C (233) [Fort Wayne, IN]		
FCC F(50-50) 60.00 dBu (167,901	190.3

Protected: FCC F(50-50): 60 dBu

D/U Ratios Used:

Co: 20.0 dB

First Adj: 6.0 dB

Second Adj: -40.0 dB

Third Adj: -40.0 dB

Threshold for reception: 30.0 dBu.

Signal Resolution: 0.1 km

2010 US Census

30 Second US Database

Percentages calculated using a baseline population of 167,901.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WAJI (236)	5,763	12,234	7.286	40.86

Predicted Incoming Interference
to the W233CS CP

□ W233CS.C (233)
■ WAJI (236)

W233CS.C - CH233

Fort Wayne, IN - 94.5 MHz
FACID:202147
File:BNPFT20180418AHA
Lat: 41-05-57.20 N
Long: 085-08-41.90 W
ERP: 0.044 kW HAAT: 0.0
RCAMSL: 330.0 m
Ground Elev: 234.0 m
Pattern: Omni

WAJI - CH236

Fort Wayne, IN - 95.1 MHz
FACID:59132
File:BLH19900226KE
Lat: 41-06-13.10 N
Long: 085-11-27.80 W
ERP: 39.00 kW HAAT: 207.0
RCAMSL: 453.0 m
Ground Elev: 249.0 m
Pattern: Omni



Roanoke

Scale 1:175,000
0 2 4 6 km