

Class A TV Station WWDT-CA • Channel 43 • Naples, Florida

Waiver Request – Section 73.6011

The proposed operation of Class A TV Station WWDT-CA, Channel 43, Naples, Florida, complies with all spacing and contour protection requirements in the Rules except for one. There is overlap between the protected 64 dBu F(50,50) coverage contour of TV Station WOTF, Channel 43, Melbourne, Florida, and the 29 dBu F(50,10) interference contour of the proposed operation. Pursuant to Section 74.705(e), waiver of Section 73.6011 is respectfully requested since terrain dependent (OET-69) propagation calculations demonstrate that the proposed facility would not be likely to cause interference to WOTF.

The relevant results of the OET-69 interference analysis are shown below.

tvixstudy 2.3.16

Station parameters:

	--Modified-----	--Original-----
Station:	N43 WWDT-CA LIC	N43 WWDT-CA LIC
City:	NAPLES, FL	NAPLES, FL
Coordinates:	N 26-30-17.7	N 26-12-07.0
	W 81-51-13.7	W 81-48-49.0
Height AMSL:	125.8 m	71.0 m
Maximum ERP:	150 kW	21.3 kW
Azimuth pattern:	17749.apat	omnidirectional
Orientation:	45.0	
Elevation pattern:	OET-69 generic	OET-69 generic
Service level:	74.4 dBu	74.4 dBu

Protected station		Base Pop	IX Change	%Base	Unique IX
N43 WOTF LIC	MELBOURNE, FL	1,538,571	--	--	0

Interfering station	Total IX	Unique IX
N43 WWDT-CA LIC* NAPLES, FL	0	0
N36 WFTX CP CAPE CORAL, FL	0	0
N50 WFTT CP TAMPA, FL	0	0
N35 WOFL CP ORLANDO, FL	4,597	341
N44 WTOG LIC ST. PETERSBURG, FL	0	0
D40 WACX CP LEESBURG, FL	0	0
D39 WFTV CP ORLANDO, FL	0	0
D41 WRBW CP ORLANDO, FL	4,524	2,112
N45 WLCB-TV CP LEESBURG, FL	1,816	1,816
D58 WKMGDT allot ORLANDO, FL	1,844	0
D43 WVAG CP VALDOSTA, GA	0	0
D46 WLCB-TV CP LEESBURG, FL	0	0
D42 WXPX LIC BRADENTON, FL	0	0
D51 WTGLDT allot COCOA, FL	0	0

