Displacement

WDTO-LD is on Channel 28, Orlando, FL and is being displaced by WRBW, Channel 28, Orlando, FL. Please see the study below.

Study created: 2018.04.02 20:26:59

Study build station data: LMS TV 2018-03-31 (46)

Proposal: WDTO-LD D28 LD LIC ORLANDO, FL
File number: BLDTL20130802ABO
Facility ID: 10550
Station data: User record
Record ID: 1098
Country: U.S.

Build options:
Protect pre-transition records not on baseline channel
Protect baseline records from LPTV

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WSVT-LD	N14z	TX	LIC	TAMPA, FL	BLTTL19950321IB	170.2 km
No	W21AU-D	N21+	TX	LIC	ORLANDO, FL	BLTTL19920715IB	37.3
No	WXEL-TV	D27	DT	LIC	BOYNTON BEACH, FL	BLEDT20040713AAJ	237.4
No	WOCD-LP	N27-	TX	LIC	DUNNELLON, FL	BLTTL20090331AEX	162.3
No	WOCD-LP	D27	LD	CP	DUNNELLON, FL	BDFCDTL20110315ACE	143.9
No	WYME-CD	D27	DC	CP	GAINESVILLE, FL	BLANK0000034479	161.0
No	WYME-CD	D27	DC	BL	GAINESVILLE, FL	DTVBL7726	161.0
No	WWRJ-LP	D27	LD	CP	JACKSONVILLE, FL	BDFCDTL20091020AAX	194.9
No	WRDQ	D27	DT	LIC	ORLANDO, FL	BLCDT20111011AJM	2.5
No	WBKH-LD	D27	LD	CP	Tampa, FL	BLANK0000001734	148.5
No	WBKH-LD	D27	LD	LIC	Tampa, FL	BLANK0000001682	162.6
No	WGFL	D28	DT	LIC	HIGH SPRINGS, FL	BLCDT20060714ABC	186.4
No	WHFT-TV	D28	DT	CP	MIAMI, FL	BLANK0000028120	301.1
No	WHFT-TV	D28	DT	BL	MIAMI, FL	DTVBL67971	301.1
No	WZVN-TV	D28	DT	CP	NAPLES, FL	BLANK0000028590	206.9
No	WZVN-TV	D28	DT	APP	NAPLES, FL	BLANK0000034896	206.9
No	WZVN-TV	D28	DT	BL	NAPLES, FL	DTVBL19183	206.9
Yes	WRBW	D28	DT	APP	ORLANDO, FL	BLANK0000034527	2.7
Yes	WRBW	D28	DT	CP	ORLANDO, FL	BLANK0000027486	3.6
Yes	WRBW	D28	DT	BL	ORLANDO, FL	DTVBL54940	3.6
No	WQXT-CD	D28	DC	LIC	ST. AUGUSTINE, FL	BLANK0000001382	150.0

No	W28DW-D	D28	LD	CP	TALLAHASSEE, FL	BLANK0000011508	379.8
No	WTAM-LD	D28	LD	LIC	TAMPA, FL	BLDTL20100416AAS	143.7
No	WFLX	D28	DT	LIC	WEST PALM BEACH, FL	BLANK0000008830	237.6
No	W28EF-D	D28	LD	CP	VALDOSTA, GA	BNPDTL20100510ABZ	326.6
No	WTGS	D28	DT	LIC	HARDEEVILLE, SC	BLCDT20090706AEU	386.0
No	WXPX-TV	D29	DT	CP	BRADENTON, FL	BLANK0000027004	143.7
No	WXPX-TV	D29	DT	APP	BRADENTON, FL	BLANK0000034359	143.7
No	WXPX-TV	D29	DT	BL	BRADENTON, FL	DTVBL6601	143.7
No	WTBZ-LP	N29z	TX	LIC	GAINESVILLE, FL	BLTTL20050907ABX	170.8
No	WGFL	D29	DT	CP	HIGH SPRINGS, FL	BLANK0000027932	186.4
No	WGFL	D29	DT	APP	HIGH SPRINGS, FL	BLANK0000034417	186.4
No	WGFL	D29	DT	BL	HIGH SPRINGS, FL	DTVBL7727	186.4
No	WUBF-LD	D29	LD	CP	JACKSONVILLE, FL	BLANK0000022339	196.1
No	WMVJ-CD	D29	DC	LIC	MELBOURNE, FL	BLDTA20121120AEA	71.1
No	WQXT-CD	D29	DC	CP	ST. AUGUSTINE, FL	BLANK0000028538	150.0
No	WQXT-CD	D29	DC	BL	ST. AUGUSTINE, FL	DTVBL39241	150.0
No	WFTS-TV	D29	DT	LIC	TAMPA, FL	BLCDT20090320AGN	142.3
No	WSCF-LD	N31z	TX	LIC	MELBOURNE, FL	BLTTL20000329ABC	60.2

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D28
Mask: Full Service
Latitude: 28 34 51.90 N (NAD83)
Longitude: 81 4 31.20 W
Height AMSL: 185.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Pattrn: Generic
Elec Tilt: 0.50

50.1 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	177.6 m	49.5 km
45.0	15.0	181.2	49.7
90.0	15.0	181.0	49.7
135.0	15.0	172.9	49.2
180.0	15.0	164.5	48.7
225.0	15.0	166.2	48.8
270.0	15.0	167.3	48.9

315.0 15.0 171.3 49.1

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 173 m

Distance to Canadian border: 1460.5 km

Distance to Mexican border: 1591.0 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 158.2 degrees Distance: 116.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 306.6 degrees Distance: 2548.0 km

Study cell size: 2.00 km
Profile point spacing: 1.00 km

Maximum new IX to full-service and Class A: 0.50%
Maximum new IX to LPTV: 2.00%

***MX with BLANK0000034527 APP scenario 1, 6.28% interference caused*
***MX with BLANK0000034527 APP scenario 2, 5.07% interference caused*
***MX with BLANK0000034527 APP scenario 3, 6.28% interference caused*
***MX with BLANK0000034527 APP scenario 4, 6.29% interference caused*
***MX with BLANK0000034527 APP scenario 5, 5.15% interference caused*
***MX with BLANK0000034527 APP scenario 6, 6.29% interference caused*
***MX with BLANK0000034527 APP scenario 7, 6.28% interference caused*
***MX with BLANK0000034527 APP scenario 8, 5.08% interference caused*
***MX with BLANK0000034527 APP scenario 9, 6.28% interference caused*
***IX check failure to BLANK0000027486 CP scenario 1, 23.55% interference caused*
***IX check failure to BLANK0000027486 CP scenario 2, 22.60% interference caused*
***IX check failure to BLANK0000027486 CP scenario 3, 23.55% interference caused*
***IX check failure to BLANK0000027486 CP scenario 4, 23.54% interference caused*
***IX check failure to BLANK0000027486 CP scenario 5, 22.60% interference caused*
***IX check failure to BLANK0000027486 CP scenario 6, 23.54% interference caused*
***IX check failure to BLANK0000027486 CP scenario 7, 23.55% interference caused*
***IX check failure to BLANK0000027486 CP scenario 8, 22.60% interference caused*
***IX check failure to BLANK0000027486 CP scenario 9, 23.55% interference caused*
***IX check failure to DTVBL54940 BL scenario 1, 23.72% interference caused*
***IX check failure to DTVBL54940 BL scenario 2, 22.62% interference caused*
***IX check failure to DTVBL54940 BL scenario 3, 23.72% interference caused*

***IX check failure to DTVBL54940 BL scenario 4, 23.71% interference caused*
***IX check failure to DTVBL54940 BL scenario 5, 22.61% interference caused*
***IX check failure to DTVBL54940 BL scenario 6, 23.71% interference caused*
***IX check failure to DTVBL54940 BL scenario 7, 23.70% interference caused*
***IX check failure to DTVBL54940 BL scenario 8, 22.62% interference caused*
***IX check failure to DTVBL54940 BL scenario 9, 23.70% interference caused*

---- Below is IX received by proposal BLDTL20130802ABO ----

***MX with BLANK0000034527 APP scenario 1, 99.08% interference received*
Proposal receives 99.11% interference from scenario 2