

tvstudy v2.2.5 (4uoc83)
Database: localhost, Study: WLZE-LD CPM, Model: Longley-Rice
Start: 2019.05.15 13:29:34

Study created: 2019.05.15 13:29:34

Study build station data: LMS TV 2019-05-14

Proposal: WLZE-LD D27 LD APP FORT MYERS, FL
File number: WLZE-LD CPM
Facility ID: 41376
Station data: User record
Record ID: 2571
Country: U.S.

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

Search options:
Baseline record excluded if station has CP

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
No	WXDT-LP	N23z	TX	LIC	NAPLES, FL	BLTTL20020730ABD	66.7 km
No	WXAX-CD	D26	DC	LIC	CLEARWATER, FL	BLANK0000001619	126.4
No	WLRN-TV	D26	DT	CP	MIAMI, FL	BLANK0000026166	180.8
No	WHDN-CD	D26	DC	CP	NAPLES, FL	BLANK0000003751	66.8
No	WHDN-CD	D26	DC	LIC	NAPLES, FL	BLANK0000001626	66.7
No	W46FA-D	D26	LD	APP	OKEECHOBEE, FL	BLANK0000071804	80.8
No	WKMG-TV	D26	DT	APP	ORLANDO, FL	BLANK0000035777	212.7
No	WKMG-TV	D26	DT	LIC	ORLANDO, FL	BLCDT20090618ABB	212.7
No	WSNN-LD	D26	LD	LIC	SARASOTA, FL	BLANK0000059117	91.8
No	WOCD-LP	N27-	TX	LIC	DUNNELLON, FL	BLTTL20090331AEX	269.3
No	WOCD-LP	D27	LD	CP	DUNNELLON, FL	BDFCDTL20110315ACE	226.3
No	WYME-CD	D27	DC	CP	GAINESVILLE, FL	BLANK0000034479	308.9
No	WWRJ-LP	D27	LD	CP	JACKSONVILLE, FL	BDFCDTL20091020AAX	387.3
No	WGZT-LP	N27	TX	LIC	KEY WEST, FL	BLTTL20030804AAH	249.9
Yes	WSFL-TV	D27	DT	LIC	MIAMI, FL	BLANK0000070454	179.2
Yes	WRDQ	D27	DT	LIC	ORLANDO, FL	BLCDT20111011AJM	208.6
No	WBKH-LD	D27	LD	CP	Tampa, FL	BLANK0000001734	140.6
No	WBKH-LD	D27	LD	LIC	Tampa, FL	BLANK0000001682	117.7
No	WHFT-TV	D28	DT	LIC	MIAMI, FL	BLANK0000071957	181.9
No	WZVN-TV	D28	DT	CP	NAPLES, FL	BLANK0000068173	2.5
No	WRBW	D28	DT	CP	ORLANDO, FL	BLANK0000064099	211.2
No	WDTO-LD	D28	LD	LIC	ORLANDO, FL	BLDTL20130802ABO	209.2
No	WTAM-LD	D28	LD	LIC	TAMPA, FL	BLDTL20100416AAS	123.5

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D27
Mask: Full Service
Latitude: 26 48 2.20 N (NAD83)
Longitude: 81 45 47.30 W
Height AMSL: 331.0 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 1.00

50.0 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	320.2 m	57.7 km
45.0	15.0	320.1	57.7
90.0	15.0	322.9	57.8
135.0	15.0	326.5	58.0
180.0	15.0	327.2	58.1
225.0	15.0	325.4	58.0
270.0	15.0	323.3	57.9
315.0	15.0	321.3	57.8

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 323 m

Distance to Canadian border: 1654.5 km

Distance to Mexican border: 1511.5 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 51.0 degrees Distance: 143.0 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 310.4 degrees Distance: 2618.2 km

Study cell size: 1.00 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%

Interference to BLANK0000070454 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WSFL-TV	D27	DT	LIC	MIAMI, FL	BLANK0000070454	
Undesireds:	WLZE-LD	D27	LD	APP	FORT MYERS, FL	WLZE-LD CPM	179.2 km
	WHDN-CD	D26	DC	CP	NAPLES, FL	BLANK0000003751	161.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
23410.5	5,344,938	23410.5	5,344,938	23410.5	5,344,938	23365.4 5,344,938	0.19 0.00
Undesired			Total IX	Unique IX, before		Unique IX, after	
WLZE-LD D27 LD APP	45.0		0			45.0 0	

Interference to BLCDT20111011AJM LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WRDQ	D27	DT	LIC	ORLANDO, FL	BLCDT20111011AJM	
Undesireds:	WLZE-LD	D27	LD	APP	FORT MYERS, FL	WLZE-LD CPM	208.6 km
	WKMG-TV	D26	DT	APP	ORLANDO, FL	BLANK0000035777	4.6
	WYME-CD	D27	DC	CP	GAINESVILLE, FL	BLANK0000034479	163.4
	WSFL-TV	D27	DT	LIC	MIAMI, FL	BLANK0000070454	300.5
	WTXL-TV	D27	DT	LIC	TALLAHASSEE, FL	BLCDT20090217ABY	365.8
	WRBW	D28	DT	CP	ORLANDO, FL	BLANK0000064099	5.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
38446.2	3,934,766	38445.2	3,934,676	38224.6	3,917,294	38179.7 3,914,138	0.12 0.08
Undesired			Total IX	Unique IX, before		Unique IX, after	
WLZE-LD D27 LD APP	51.0		3,461			45.0 3,156	
WKMG-TV D26 DT APP	74.8		8,021	49.5 3,312		49.5 3,312	
WYME-CD D27 DC CP	84.0		2,829	74.9 2,410		74.9 2,410	
WSFL-TV D27 DT LIC	6.0		305	6.0 305		0.0 0	
WTXL-TV D27 DT LIC	10.1		54	3.0 4		3.0 4	
WRBW D28 DT CP	78.1		10,932	54.9 6,592		54.9 6,592	

Interference to BLCDT20111011AJM LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WRDQ	D27	DT	LIC	ORLANDO, FL	BLCDT20111011AJM	
Undesireds:	WLZE-LD	D27	LD	APP	FORT MYERS, FL	WLZE-LD CPM	208.6 km
	WKMG-TV	D26	DT	LIC	ORLANDO, FL	BLCDT20090618ABB	4.6
	WYME-CD	D27	DC	CP	GAINESVILLE, FL	BLANK0000034479	163.4
	WSFL-TV	D27	DT	LIC	MIAMI, FL	BLANK0000070454	300.5
	WTXL-TV	D27	DT	LIC	TALLAHASSEE, FL	BLCDT20090217ABY	365.8
	WRBW	D28	DT	CP	ORLANDO, FL	BLANK0000064099	5.0
Service area		Terrain-limited		IX-free, before		IX-free, after	Percent New IX
38446.2	3,934,766	38445.2	3,934,676	38229.7	3,917,635	38184.7 3,914,479	0.12 0.08
Undesired			Total IX	Unique IX, before		Unique IX, after	
WLZE-LD D27 LD APP	51.0		3,461			45.0 3,156	
WKMG-TV D26 DT LIC	67.7		7,680	44.4 2,971		44.4 2,971	

WYME-CD D27 DC CP	84.0	2,829	74.9	2,410	74.9	2,410
WSFL-TV D27 DT LIC	6.0	305	6.0	305	0.0	0
WTXL-TV D27 DT LIC	10.1	54	3.0	4	3.0	4
WRBW D28 DT CP	78.1	10,932	56.9	6,592	56.9	6,592

Interference to proposal scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WLZE-LD	D27	LD	APP	FORT MYERS, FL	WLZE-LD CPM	
Undesireds:	WHDN-CD	D26	DC	CP	NAPLES, FL	BLANK0000003751	66.8 km
	WOCB-LP	N27-	TX	LIC	DUNNELLON, FL	BLTTTL20090331AEX	269.3
	WBKH-LD	D27	LD	CP	Tampa, FL	BLANK0000001734	140.6
	WZVN-TV	D28	DT	CP	NAPLES, FL	BLANK0000068173	2.5
Service area		Terrain-limited		IX-free		Percent IX	
10507.2	947,728	10507.2	947,728	10448.3	946,264	0.56	0.15
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WZVN-TV D28 DT CP		58.9	1,464	58.9	1,464	0.56	0.15

Interference to proposal scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WLZE-LD	D27	LD	APP	FORT MYERS, FL	WLZE-LD CPM	
Undesireds:	WHDN-CD	D26	DC	LIC	NAPLES, FL	BLANK0000001626	66.7 km
	WOCB-LP	N27-	TX	LIC	DUNNELLON, FL	BLTTTL20090331AEX	269.3
	WBKH-LD	D27	LD	CP	Tampa, FL	BLANK0000001734	140.6
	WZVN-TV	D28	DT	CP	NAPLES, FL	BLANK0000068173	2.5
Service area		Terrain-limited		IX-free		Percent IX	
10507.2	947,728	10507.2	947,728	10427.7	934,188	0.76	1.43
Undesired		Total IX		Unique IX		Prcnt Unique IX	
WHDN-CD D26 DC LIC		20.7	12,076	20.7	12,076	0.20	1.27
WZVN-TV D28 DT CP		58.9	1,464	58.9	1,464	0.56	0.15