

Study created: 2018.03.07 15:20:52

Study build station data: LMS TV 2018-03-07 (107)

Proposal: WLZE-LD D20 LD LIC FORT MYERS, FL
File number: WLZE-LD License BLANK0000019273
Facility ID: 41376
Station data: User record
Record ID: 1621
Country: U.S.

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

Stations potentially affected by proposal:

IX	Call	Chan	Svc	Status	City, State	File Number	Distance
Yes	WMOR-TV	D19	DT	LIC	LAKELAND, FL	BLCDT20050726ABO	123.7 km
No	WSFL-TV	D19	DT	LIC	MIAMI, FL	BLCDT20070124ABF	181.1
No	WSBS-CD	D19	DC	CP	MIAMI, ETC., FL	BLANK0000034105	182.7
Yes	WTOG	D19	DT	CP	ST. PETERSBURG, FL	BLANK0000034024	123.7
No	WMMF-LP	N19+	TX	LIC	VERO BEACH, FL	BLTTL20070912ABV	165.8
No	NEW	D20	LD	APP	DUNNELLON, FL	BNPDTL20090825BFT	271.1
Yes	WTVX	D20	DT	CP	FORT PIERCE, FL	BLANK0000033779	144.4
No	NEW	D20	LD	APP	GAINESVILLE, FL	BNPDTL20090825AOQ	301.8
No	WKBJ-LD	D20	LD	LIC	Jacksonville, FL	BLANK0000008067	388.7
No	WCWJ	D20	DT	CP	JACKSONVILLE, FL	BLANK0000029603	388.4
No	WSCF-LD	D20	LD	LIC	MELBOURNE, FL	BLANK0000022690	190.3
Yes	WLRN-TV	D20	DT	LIC	MIAMI, FL	BLEDT20090611ABR	182.8
No	NEW	D20	LD	APP	OCALA, FL	BNPDTL20090825AMY	290.8
No	WFTV	D20	LD	LIC	ORLANDO, FL	BLCDT20140116ACS	240.7
No	WXXZ-CD	D20	DC	CP	ORLANDO, ETC., FL	BLANK0000034824	212.1
No	NEW	D20	LD	APP	REDDICK, FL	BNPDTL20090825AKM	287.7
No	W2ODM-D	D20	LD	CP	SEBASTIAN, FL	BNPDTL20090825BZC	169.2
Yes	WVEA-TV	D20	DT	CP	TAMPA, FL	BLANK0000034006	126.7
No	WARP-CD	D20	DC	LIC	TAMPA-ST. PETERSBURG, FL	BLDTA20091029ABJ	145.4
No	NEW	D20	LD	APP	WILLISTON, FL	BNPDTL20090825BUO	281.7
No	WCLF	D21	DT	APP	CLEARWATER, FL	BLANK0000036056	123.7
No	WCLF	D21	DT	LIC	CLEARWATER, FL	BLCDT20060627AAQ	123.7
No	WKME-CD	D21	DC	CP	KISSIMMEE, FL	BLANK0000028487	177.3
No	WPXM-TV	D21	DT	CP	MIAMI, FL	BLANK0000034917	182.6
No	W21AU-D	D21	LD	LIC	ORLANDO, FL	BLANK0000025170	212.1
No	WGFS-LP	N22-	TX	CP	FORT MYERS, FL	BPTTL20140501ACL	37.5
No	WXDT-LP	N23z	TX	LIC	NAPLES, FL	BLTTL20020730ABD	64.9

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D20
Mask: Full Service
Latitude: 26 47 8.70 N (NAD83)
Longitude: 81 47 45.90 W
Height AMSL: 374.8 m
HAAT: 0.0 m
Peak ERP: 15.0 kW
Antenna: Omnidirectional
Elev Pattn: Generic
Elec Tilt: 1.00

49.4 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	364.3 m	60.8 km
45.0	15.0	365.2	60.8
90.0	15.0	366.9	60.9
135.0	15.0	371.1	61.1
180.0	15.0	370.7	61.1
225.0	15.0	369.5	61.0
270.0	15.0	368.0	60.9
315.0	15.0	366.4	60.9

Database HAAT does not agree with computed HAAT
Database HAAT: 0 m Computed HAAT: 368 m

Distance to Canadian border: 1656.0 km

Distance to Mexican border: 1508.2 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 51.3 degrees Distance: 146.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 310.4 degrees Distance: 2616.7 km

No land mobile station failures found

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%

**IX check failure to BLANK0000034006 CP scenario 1, 7.30% interference caused
**IX check failure to BLANK0000034006 CP scenario 2, 7.34% interference caused
**IX check failure to BLANK0000034006 CP scenario 3, 7.30% interference caused
**IX check failure to BLANK0000034006 CP scenario 4, 7.35% interference caused
**IX check failure to BLANK0000034006 CP scenario 5, 7.30% interference caused
**IX check failure to BLANK0000034006 CP scenario 6, 7.34% interference caused
**IX check failure to BLANK0000034006 CP scenario 7, 7.30% interference caused
**IX check failure to BLANK0000034006 CP scenario 8, 7.35% interference caused
**IX check failure to BLANK0000034006 CP scenario 9, 7.29% interference caused
**IX check failure to BLANK0000034006 CP scenario 10, 7.34% interference caused
**IX check failure to BLANK0000034006 CP scenario 11, 7.29% interference caused
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**IX check failure to BLANK0000034006 CP scenario 13, 7.29% interference caused
**IX check failure to BLANK0000034006 CP scenario 14, 7.34% interference caused
**IX check failure to BLANK0000034006 CP scenario 15, 7.29% interference caused
**IX check failure to BLANK0000034006 CP scenario 16, 7.34% interference caused
**IX check failure to BLANK0000034006 CP scenario 17, 7.27% interference caused
**IX check failure to BLANK0000034006 CP scenario 18, 7.31% interference caused
**IX check failure to BLANK0000034006 CP scenario 19, 7.27% interference caused
**IX check failure to BLANK0000034006 CP scenario 20, 7.31% interference caused
**IX check failure to BLANK0000034006 CP scenario 21, 7.27% interference caused
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**IX check failure to BLANK0000034006 CP scenario 24, 7.31% interference caused
**IX check failure to BLANK0000034006 CP scenario 25, 7.26% interference caused
**IX check failure to BLANK0000034006 CP scenario 26, 7.30% interference caused
**IX check failure to BLANK0000034006 CP scenario 27, 7.26% interference caused
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**IX check failure to BLANK0000034006 CP scenario 35, 7.28% interference caused
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**IX check failure to BLANK0000034006 CP scenario 37, 7.28% interference caused
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**IX check failure to BLANK0000034006 CP scenario 39, 7.28% interference caused
**IX check failure to BLANK0000034006 CP scenario 40, 7.33% interference caused
**IX check failure to BLANK0000034006 CP scenario 41, 7.28% interference caused
**IX check failure to BLANK0000034006 CP scenario 42, 7.32% interference caused
**IX check failure to BLANK0000034006 CP scenario 43, 7.28% interference caused
**IX check failure to BLANK0000034006 CP scenario 44, 7.32% interference caused
**IX check failure to BLANK0000034006 CP scenario 45, 7.27% interference caused
**IX check failure to BLANK0000034006 CP scenario 46, 7.32% interference caused
**IX check failure to BLANK0000034006 CP scenario 47, 7.27% interference caused
**IX check failure to BLANK0000034006 CP scenario 48, 7.32% interference caused
**IX check failure to BLANK0000034006 CP scenario 49, 7.25% interference caused
**IX check failure to BLANK0000034006 CP scenario 50, 7.29% interference caused
**IX check failure to BLANK0000034006 CP scenario 51, 7.25% interference caused
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**IX check failure to BLANK0000034006 CP scenario 56, 7.29% interference caused
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**IX check failure to BLANK0000034006 CP scenario 59, 7.24% interference caused
**IX check failure to BLANK0000034006 CP scenario 60, 7.29% interference caused
**IX check failure to BLANK0000034006 CP scenario 61, 7.24% interference caused

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**IX check failure to BLANK0000034006 CP scenario 141, 7.27% interference caused
 **IX check failure to BLANK0000034006 CP scenario 142, 7.32% interference caused
 **IX check failure to BLANK0000034006 CP scenario 143, 7.27% interference caused
 **IX check failure to BLANK0000034006 CP scenario 144, 7.32% interference caused
 **IX check failure to BLANK0000034006 CP scenario 145, 7.28% interference caused
 **IX check failure to BLANK0000034006 CP scenario 146, 7.33% interference caused
 **IX check failure to BLANK0000034006 CP scenario 147, 7.28% interference caused
 **IX check failure to BLANK0000034006 CP scenario 148, 7.33% interference caused
 **IX check failure to BLANK0000034006 CP scenario 149, 7.28% interference caused
 **IX check failure to BLANK0000034006 CP scenario 150, 7.33% interference caused
 **IX check failure to BLANK0000034006 CP scenario 151, 7.28% interference caused
 **IX check failure to BLANK0000034006 CP scenario 152, 7.33% interference caused
 **IX check failure to BLANK0000034006 CP scenario 153, 7.28% interference caused
 **IX check failure to BLANK0000034006 CP scenario 154, 7.32% interference caused
 **IX check failure to BLANK0000034006 CP scenario 155, 7.28% interference caused
 **IX check failure to BLANK0000034006 CP scenario 156, 7.32% interference caused
 **IX check failure to BLANK0000034006 CP scenario 157, 7.27% interference caused
 **IX check failure to BLANK0000034006 CP scenario 158, 7.32% interference caused
 **IX check failure to BLANK0000034006 CP scenario 159, 7.27% interference caused
 **IX check failure to BLANK0000034006 CP scenario 160, 7.32% interference caused
 **IX check failure to BLANK0000034006 CP scenario 161, 7.25% interference caused
 **IX check failure to BLANK0000034006 CP scenario 162, 7.29% interference caused
 **IX check failure to BLANK0000034006 CP scenario 163, 7.25% interference caused
 **IX check failure to BLANK0000034006 CP scenario 164, 7.30% interference caused
 **IX check failure to BLANK0000034006 CP scenario 165, 7.25% interference caused
 **IX check failure to BLANK0000034006 CP scenario 166, 7.29% interference caused
 **IX check failure to BLANK0000034006 CP scenario 167, 7.25% interference caused
 **IX check failure to BLANK0000034006 CP scenario 168, 7.30% interference caused
 **IX check failure to BLANK0000034006 CP scenario 169, 7.24% interference caused
 **IX check failure to BLANK0000034006 CP scenario 170, 7.28% interference caused
 **IX check failure to BLANK0000034006 CP scenario 171, 7.24% interference caused
 **IX check failure to BLANK0000034006 CP scenario 172, 7.29% interference caused
 **IX check failure to BLANK0000034006 CP scenario 173, 7.24% interference caused
 **IX check failure to BLANK0000034006 CP scenario 174, 7.28% interference caused
 **IX check failure to BLANK0000034006 CP scenario 175, 7.24% interference caused
 **IX check failure to BLANK0000034006 CP scenario 176, 7.29% interference caused
 **IX check failure to BLANK0000034006 CP scenario 177, 7.25% interference caused
 **IX check failure to BLANK0000034006 CP scenario 178, 7.29% interference caused
 **IX check failure to BLANK0000034006 CP scenario 179, 7.25% interference caused
 **IX check failure to BLANK0000034006 CP scenario 180, 7.29% interference caused
 **IX check failure to BLANK0000034006 CP scenario 181, 7.25% interference caused
 **IX check failure to BLANK0000034006 CP scenario 182, 7.29% interference caused
 **IX check failure to BLANK0000034006 CP scenario 183, 7.25% interference caused
 **IX check failure to BLANK0000034006 CP scenario 184, 7.29% interference caused
 **IX check failure to BLANK0000034006 CP scenario 185, 7.24% interference caused
 **IX check failure to BLANK0000034006 CP scenario 186, 7.28% interference caused
 **IX check failure to BLANK0000034006 CP scenario 187, 7.24% interference caused
 **IX check failure to BLANK0000034006 CP scenario 188, 7.29% interference caused
 **IX check failure to BLANK0000034006 CP scenario 189, 7.24% interference caused
 **IX check failure to BLANK0000034006 CP scenario 190, 7.28% interference caused
 **IX check failure to BLANK0000034006 CP scenario 191, 7.24% interference caused
 **IX check failure to BLANK0000034006 CP scenario 192, 7.29% interference caused

---- Below is IX received by proposal WLZE-LD License BLANK0 ----

Proposal receives 8.49% interference from scenario 1

Scenario 1 Detail

Interference to proposal scenario 1
8.49% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WLZE-LD	D20	LD	LIC	FORT MYERS, FL	WLZE-LD License BLANK0	
Undesireds:	WTVX	D20	DT	CP	FORT PIERCE, FL	BLANK0000033779	144.4 km
	WVEA-TV	D20	DT	CP	TAMPA, FL	BLANK0000034006	126.7
	WCLF	D21	DT	APP	CLEARWATER, FL	BLANK0000036056	123.7

Service area	Terrain-limited	IX-free	Percent IX
11670.4 1,018,422	11670.4 1,018,422	9988.0 931,913	14.42 8.49

Undesired	Total IX	Unique IX	Prcnt Unique IX
WTVX D20 DT CP	587.9 1,711	587.9 1,711	5.04 0.17
WVEA-TV D20 DT CP	1094.4 84,798	1094.4 84,798	9.38 8.33