

tvstudy v2.2.5 (4uoc83)

Database: localhost, Study: Panama14d15kwFFFP, Model: Longley-Rice

Start: 2019.04.25 16:38:27

Study created: 2019.04.25 16:38:27

Study build station data: LMS TV 2019-04-25

Proposal: W44DL-D D14 LD APP PANAMA CITY, FL

Facility ID: 130403

Station data: User record

Record ID: 1137

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
No	WDBB	D14	DT	CP	BESSEMER, AL	BLANK0000055196	403.4 km
Yes	WFRW-LD	D14	LD	CP	ENTERPRISE, AL	BLANK0000054045	83.4
No	W14DT-D	D14	LD	CP	MONTGOMERY, AL	BNPDTL20100402ACY	247.4
Yes	W14DH-D	D14	LD	CP	CHIPLEY, FL	BNPDTL20090825AVP	64.7
Yes	WFGX	D14	DT	CP	FORT WALTON BEACH, FL	BLANK0000034394	195.4
No	WTBZ-LP	D14z	LD	CP	GAINESVILLE, FL	BLANK0000054883	312.7
No	WFOX-TV	D14	DT	CP	JACKSONVILLE, FL	BLANK0000034616	394.1
No	WPDS-LD	D14	LD	LIC	LARGO, ETC., FL	BLDTL20090511AZC	375.8
No	NEW	D14	LD	APP	MONTICELLO, FL	BNPDTL20090825BMA	169.5
Yes	NEW	D14	LD	APP	QUINCY, FL	BNPDTL20090825ANL	111.0
No	W48DV-D	D14	LD	APP	TALLAHASSEE, FL	BLANK0000071780	137.6
Yes	NEW	D14	LD	APP	TALLAHASSEE, FL	BNPDTL20090825AMR	172.4
No	NEW	D14	LD	APP	TALLAHASSEE, FL	BNPDTL20090825AMC	136.1
No	NEW	D14	LD	APP	TALLAHASSEE, FL	BNPDTL20090825BLL	172.4
No	WCEG-LD	D14	LD	APP	ALBANY, GA	BLANK0000071915	204.1
No	WAGC-LD	D14	LD	LIC	ATLANTA, GA	BLDTL20130829AEC	423.1
No	W14E1-D	D14	LD	CP	BYROMVILLE, GA	BNPDTL20100510AFS	284.9
No	W14DU-D	D14	LD	CP	COLUMBUS, GA	BNPDTL20100423ACJ	268.9

No	W14EK-D	D14	LD	CP	DUBLIN, GA	BNPDTL20100510AGZ	367.3
No	W14CQ	N14+	TX	LIC	VIDALIA, GA	BLTT20040915ADW	377.3
No	W14DV-D	D14	LD	CP	PURVIS, MS	BNPDTL20100510AFA	369.4
No	WPMI-TV	D15	DT	LIC	MOBILE, AL	BLCDT20090618ABA	191.8
No	W50ER-D	D15	LD	APP	PANAMA CITY, FL	BLANK0000072007	9.4
No	WRBL	D15	DT	LIC	COLUMBUS, GA	BLCDT20061013ABV	253.1

No non-directional AM stations found within 0.8 km

No directional AM stations found within 3.2 km

Record parameters as studied:

Channel: D14
 Mask: Full Service
 Latitude: 30 10 21.00 N (NAD83)
 Longitude: 85 40 20.00 W
 Height AMSL: 80.1 m
 HAAT: 0.0 m
 Peak ERP: 15.0 kW
 Antenna: Omnidirectional
 Elev Pattn: Generic

48.7 dBu contour:

Azimuth	ERP	HAAT	Distance
0.0 deg	15.0 kW	75.8 m	42.0 km
45.0	15.0	70.0	41.1
90.0	15.0	69.1	41.0
135.0	15.0	78.4	42.4
180.0	15.0	78.9	42.5
225.0	15.0	80.1	42.7
270.0	15.0	78.8	42.5
315.0	15.0	79.9	42.6

Database HAAT does not agree with computed HAAT

Database HAAT: 0 m Computed HAAT: 76 m

Distance to Canadian border: 1306.5 km

Distance to Mexican border: 1197.3 km

Conditions at FCC monitoring station: Powder Springs GA
Bearing: 12.0 degrees Distance: 419.7 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 307.3 degrees Distance: 2085.7 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%

Interference to BLANK0000054045 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFRW-LD	D14	LD	CP	ENTERPRISE, AL	BLANK0000054045	
Undesireds:	W44DL-D	D14	LD	APP	PANAMA CITY, FL		83.4 km
	WDBB	D14	DT	CP	BESSEMER, AL	BLANK0000055196	325.9
	W14DH-D	D14	LD	CP	CHIPLEY, FL	BNPDTL20090825AVP	25.8
	WFGX	D14	DT	CP	FORT WALTON BEACH, FL	BLANK0000034394	185.0
	W48DV-D	D14	LD	APP	TALLAHASSEE, FL	BLANK0000071780	147.0
	NEW	D14	LD	APP	TALLAHASSEE, FL	BNPDTL20090825BLL	171.0
	Service area	Terrain-limited		IX-free, before		IX-free, after	Percent New IX
11259.1	331,118	11231.8	330,893	10805.8	320,347	10312.1 314,101	4.57 1.95
Undesired	Total IX		Unique IX, before		Unique IX, after		

W44DL-D D14 LD APP	545.7	6,719			493.6	6,246
WDBB D14 DT CP	4.1	145	1.0	2	1.0	2
W14DH-D D14 LD CP	354.3	9,671	338.3	9,503	312.3	9,316
WFGX D14 DT CP	81.7	1,031	59.6	714	41.6	441
W48DV-D D14 LD APP	5.0	4	0.0	0	0.0	0
NEW D14 LD APP	8.1	12	3.0	10	2.0	10

Interference to BNPDTL20090825AVP CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W14DH-D	D14	LD	CP	CHIPLEY, FL	BNPDTL20090825AVP	
Undesireds:	W44DL-D	D14	LD	APP	PANAMA CITY, FL		64.7 km
	WFRW-LD	D14	LD	CP	ENTERPRISE, AL	BLANK0000054045	25.8
	WFGX	D14	DT	CP	FORT WALTON BEACH, FL	BLANK0000034394	199.7
	NEW	D14	LD	APP	TALLAHASSEE, FL	BNPDTL20090825BLL	152.1
	Service area		Terrain-limited		IX-free, before	IX-free, after	Percent New IX
	1302.4	28,480	1301.4	28,480	142.7	5,483	0.00 0.00
Undesired				Total IX	Unique IX, before	Unique IX, after	
W44DL-D D14 LD APP		46.0		669		0.0	0
WFRW-LD D14 LD CP		1157.7		22,992	1111.9	1076.8	21,666
WFGX D14 DT CP		46.9		787	1.0	0.0	0
NEW D14 LD APP		1.0		19	0.0	0.0	0

Interference to BLANK0000034394 CP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFGX	D14	DT	CP	FORT WALTON BEACH, FL	BLANK0000034394	
Undesireds:	W44DL-D	D14	LD	APP	PANAMA CITY, FL		195.4 km
	WDBB	D14	DT	CP	BESSEMER, AL	BLANK0000055196	319.3
	WDBD	D14	DT	LIC	JACKSON, MS	BLANK0000064020	314.8
	WPMI-TV	D15	DT	LIC	MOBILE, AL	BLCDT20090618ABA	3.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
43851.4	1,493,371	43683.0	1,492,845	42958.9	1,488,649	42850.8	1,485,694	0.25	0.20

Undesired		Total IX		Unique IX, before		Unique IX, after	
W44DL-D D14 LD APP	115.2	2,955			108.1	2,955	
WDBB D14 DT CP	403.7	2,212	323.6	1,503	316.4	1,503	
WDBD D14 DT LIC	352.0	2,174	272.9	1,465	272.9	1,465	
WPMI-TV D15 DT LIC	48.6	519	47.6	519	47.6	519	

Interference to BLANK0000034394 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WFGX	D14	DT	CP	FORT WALTON BEACH, FL	BLANK0000034394	
Undesireds:	W44DL-D	D14	LD	APP	PANAMA CITY, FL		195.4 km
	WDBB	D14	DT	BL	BESSEMER, AL	DTVBL71325	319.6
	WDBD	D14	DT	LIC	JACKSON, MS	BLANK0000064020	314.8
	WPMI-TV	D15	DT	LIC	MOBILE, AL	BLCDT20090618ABA	3.6

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
43851.4	1,493,371	43683.0	1,492,845	43140.4	1,489,782	43032.3	1,486,827	0.25	0.20

Undesired		Total IX		Unique IX, before		Unique IX, after	
W44DL-D D14 LD APP	115.2	2,955			108.1	2,955	
WDBB D14 DT BL	194.7	922	142.0	370	134.9	370	
WDBD D14 DT LIC	352.0	2,174	299.3	1,622	299.3	1,622	
WPMI-TV D15 DT LIC	48.6	519	48.6	519	48.6	519	

Interference to BNPDTL20090825ANL APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	NEW	D14	LD	APP	QUINCY, FL	BNPDTL20090825ANL	
Undesireds:	W44DL-D	D14	LD	APP	PANAMA CITY, FL		111.0 km
	WFRW-LD	D14	LD	CP	ENTERPRISE, AL	BLANK0000054045	117.5
	NEW	D14	LD	APP	MONTICELLO, FL	BNPDTL20090825BMA	62.1

W48DV-D	D14	LD	APP	TALLAHASSEE, FL	BLANK0000071780	30.0
NEW	D14	LD	APP	TALLAHASSEE, FL	BNPDTL20090825AMR	61.7
NEW	D14	LD	APP	TALLAHASSEE, FL	BNPDTL20090825AMC	34.9
NEW	D14	LD	APP	TALLAHASSEE, FL	BNPDTL20090825BLL	61.7
WCEG-LD	D14	LD	APP	ALBANY, GA	BLANK0000071915	110.2
W14CQ	D14+	LD	CP	VIDALIA, GA	BLANK0000022542	301.5

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
1884.6	82,473	1884.6	82,473	300.4	17,548	300.4	17,548	0.00	0.00

			Total IX	Unique IX, before		Unique IX, after	
Undesired							
W44DL-D	D14	LD APP	1.0	0		0.0	0
WFRW-LD	D14	LD CP	15.0	154	0.0	0	0
NEW	D14	LD APP	8.0	349	0.0	0	0
W48DV-D	D14	LD APP	1538.3	64,182	246.7	9,410	246.7 9,410
NEW	D14	LD APP	842.3	35,376	0.0	0	0
NEW	D14	LD APP	563.5	39,373	0.0	0	0
NEW	D14	LD APP	1320.5	50,074	29.9	724	29.9 724
WCEG-LD	D14	LD APP	1.0	0	0.0	0	0

Interference to BNPDTL20090825AMR APP scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	NEW	D14	LD	APP	TALLAHASSEE, FL	BNPDTL20090825AMR	
Undesireds:	W44DL-D	D14	LD	APP	PANAMA CITY, FL		172.4 km
	WFRW-LD	D14	LD	CP	ENTERPRISE, AL	BLANK0000054045	171.0
	WFOX-TV	D14	DT	CP	JACKSONVILLE, FL	BLANK0000034616	234.4
	NEW	D14	LD	APP	MONTICELLO, FL	BNPDTL20090825BMA	19.9
	NEW	D14	LD	APP	QUINCY, FL	BNPDTL20090825ANL	61.7
	W48DV-D	D14	LD	APP	TALLAHASSEE, FL	BLANK0000071780	36.6
	NEW	D14	LD	APP	TALLAHASSEE, FL	BNPDTL20090825AMC	43.8
	NEW	D14	LD	APP	TALLAHASSEE, FL	BNPDTL20090825BLL	0.0
	WCEG-LD	D14	LD	APP	ALBANY, GA	BLANK0000071915	86.4
	W14CQ	D14+	LD	CP	VIDALIA, GA	BLANK0000022542	245.6

Service area	Terrain-limited	IX-free, before	IX-free, after	Percent New IX
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3586.6	308,707	3586.6	308,707	115.8	27,467	115.8	27,467	0.00	0.00
Undesired			Total IX	Unique IX, before		Unique IX, after			
W44DL-D D14 LD APP	14.0		0			0.0	0		
WFRW-LD D14 LD CP	31.9		53	0.0	0	0.0	0		
WFOX-TV D14 DT CP	8.0		31	0.0	0	0.0	0		
NEW D14 LD APP	1321.1		43,677	0.0	0	0.0	0		
NEW D14 LD APP	345.4		25,564	0.0	0	0.0	0		
W48DV-D D14 LD APP	3060.4		277,694	0.0	0	0.0	0		
NEW D14 LD APP	1668.8		214,169	0.0	0	0.0	0		
NEW D14 LD APP	3470.7		281,240	201.6	1,670	201.6	1,670		
WCEG-LD D14 LD APP	15.0		214	0.0	0	0.0	0		

Interference to proposal scenario 1
4.87% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W44DL-D	D14	LD	APP	PANAMA CITY, FL		
Undesireds:	WFRW-LD	D14	LD	CP	ENTERPRISE, AL	BLANK0000054045	83.4 km
	W14DH-D	D14	LD	CP	CHIPLEY, FL	BNPDTL20090825AVP	64.7
	WFGX	D14	DT	CP	FORT WALTON BEACH, FL	BLANK0000034394	195.4

	Service area		Terrain-limited		IX-free	Percent IX	
	5571.2	179,657	5570.2	179,593	4753.6	170,855	14.66 4.87
Undesired			Total IX	Unique IX		Prct Unique IX	
WFRW-LD D14 LD CP	799.6		8,716	791.6	8,698	14.21	4.84
W14DH-D D14 LD CP	3.0		18	0.0	0	0.00	0.00
WFGX D14 DT CP	25.0		40	16.0	22	0.29	0.01