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tvstudy v2.2.5 (4uoc83)
Database: localhost,  Study: WDYB Final--ASR1020781 200 deg,  Model: Longley-Rice
Start: 2020.01.08 19:48:50

Study last edited: 2020.01.08 19:48:44

    Proposal: WDYB-CD D21 DC STA DAYTONA BEACH, FL
 File number: WDYB New Location--ASR1020781 200 deg
 Facility ID: 41375
Station data: User record
   Record ID: 646
     Country: U.S.

Proposal "before": WDYB-CD D21 DC BL DAYTONA BEACH, FL
      File number: DTVBL41375
      Facility ID: 41375
     Station data: LMS TV 2019-12-15
        Record ID: DTVBL41375
          Country: U.S.

Study has been edited.  Stations studied for impact of proposal:

Call      Chan  Svc Status  City, State              File Number             Distance
WFTV      D20        LD  LIC     ORLANDO, FL              BLCDT20140116ACS         25.5 km
WCLF      D21        DT  APP     CLEARWATER, FL           BLANK0000036056         153.1
WCLF      D21        DT  LIC     CLEARWATER, FL           BLCDT20060627AAQ        153.1
WJEB-TV   D21        DT  CP      JACKSONVILLE, FL         BLANK0000028163         152.6
WKME-CD   D21        DC  LIC     KISSIMMEE, FL            BLANK0000090448          64.9
W21DX-D   D21        LD  LIC     OCALA, FL                BLANK0000087100          83.5
W21AU-D   N21+       TX  LIC     ORLANDO, FL              BLTTL19920715IB          37.3
W21AU-D   D21        LD  LIC     ORLANDO, FL              BLANK0000025170          43.6
WVEN-TV   D22        DT  CP      MELBOURNE, FL            BLANK0000034008          43.6

Record parameters as studied:

    Channel: D21
       Mask: Full Service
   Latitude:  28 55 11.10 N (NAD83)
  Longitude:  81 19  6.60 W
Height AMSL: 101.5 m
       HAAT: 91.0 m
   Peak ERP: 15.0 kW
    Antenna: PSI-PSILP16OI (ID 20399) 210.0 deg
Elev Pattrn: Generic
  Elec Tilt: 1.00

49.5 dBu contour:
Azimuth      ERP       HAAT   Distance
  0.0 deg   6.14 kW    82.6 m   37.8 km
 45.0       6.63       85.6     38.6
 90.0       5.40       86.9     37.8
135.0       8.10       96.4     41.0
180.0       13.5       90.8     42.8
225.0       14.7       96.1     43.9
270.0       10.1       93.7     41.8
315.0       5.77       95.7     39.3

Distance to Canadian border: 1421.3 km

Distance to Mexican border: 1572.4 km

Conditions at FCC monitoring station: Vero Beach FL
Bearing: 155.2 degrees   Distance: 160.6 km

Proposal is not within the West Virginia quiet zone area

Conditions at Table Mountain receiving zone:
Bearing: 306.1 degrees   Distance: 2506.6 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%


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Interference to BLCDT20140116ACS LIC scenario 1

             Call      Chan  Svc Status  City, State              File Number             Distance
Desired:     WFTV      D20   LD  LIC     ORLANDO, FL              BLCDT20140116ACS

Undesireds:  WDYB-CD   D21   DC  BL      DAYTONA BEACH, FL        DTVBL41375               24.0 km
             WDYB-CD   D21   DC  STA     DAYTONA BEACH, FL        WDYB New Location--ASR   25.5
             WTVX      D20   DT  LIC     FORT PIERCE, FL          BLANK0000080021         203.6
             WCWJ      D20   DT  CP      JACKSONVILLE, FL         BLANK0000029603         164.8
             WZXZ-CD   D20   DC  CP      ORLANDO, ETC., FL        BLANK0000034824          29.6
             W21AU-D   N21+  TX  LIC     ORLANDO, FL              BLTTL19920715IB          46.8

        Service area       Terrain-limited       IX-free, before       IX-free, after    Percent New IX
  5111.0     767,041    5111.0     767,041    3496.3     431,260    3473.0     433,554     0.67    -0.53

Undesired                        Total IX     Unique IX, before      Unique IX, after
WDYB-CD D21 DC BL         59.8       4,053      11.2       2,725
WDYB-CD D21 DC STA        87.3       1,937                            34.5         431
WTVX D20 DT LIC            6.1         127       0.0           0       0.0           0
WCWJ D20 DT CP            11.1         127       1.0           0       1.0           0
WZXZ-CD D20 DC CP       1601.5     333,056    1546.8     331,601    1539.6     331,423

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Interference to BLCDT20140116ACS LIC scenario 2

             Call      Chan  Svc Status  City, State              File Number             Distance
Desired:     WFTV      D20   LD  LIC     ORLANDO, FL              BLCDT20140116ACS

Undesireds:  WDYB-CD   D21   DC  BL      DAYTONA BEACH, FL        DTVBL41375               24.0 km
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             WDYB-CD   D21   DC  STA     DAYTONA BEACH, FL         WDYB New Location--ASR   25.5
             WTVX      D20   DT  LIC     FORT PIERCE, FL           BLANK0000080021         203.6
             WCWJ      D20   DT  CP      JACKSONVILLE, FL          BLANK0000029603         164.8
             WZXZ-CD   D20   DC  CP      ORLANDO, ETC., FL         BLANK0000034824          29.6
             W21AU-D   D21   LD  LIC     ORLANDO, FL               BLANK0000025170          29.6

       Service area       Terrain-limited       IX-free, before        IX-free, after    Percent New IX
  5111.0     767,041    5111.0     767,041    3496.3     431,260    3473.0     433,554     0.67    -0.53

Undesired                          Total IX     Unique IX, before      Unique IX, after
WDYB-CD D21 DC BL          59.8       4,053      11.2       2,725
WDYB-CD D21 DC STA         87.3       1,937                            34.5         431
WTVX D20 DT LIC             6.1         127       0.0           0       0.0           0
WCWJ D20 DT CP             11.1         127       1.0           0       1.0           0
WZXZ-CD D20 DC CP        1601.5     333,056    1445.7     296,974    1438.6     296,796
W21AU-D D21 LD LIC        102.1      34,627       0.0           0       0.0           0

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Interference to BLANK0000036056 APP scenario 1

             Call      Chan  Svc Status  City, State               File Number             Distance
Desired:     WCLF      D21   DT  APP     CLEARWATER, FL            BLANK0000036056

Undesireds:  WDYB-CD   D21   DC  BL      DAYTONA BEACH, FL         DTVBL41375              160.0 km
             WDYB-CD   D21   DC  STA     DAYTONA BEACH, FL         WDYB New Location--ASR  153.1
             WVEA-TV   D20   DT  CP      TAMPA, FL                 BLANK0000034006           3.1
             WJEB-TV   D21   DT  CP      JACKSONVILLE, FL          BLANK0000028163         281.3
             WKME-CD   D21   DC  LIC     KISSIMMEE, FL             BLANK0000090448          95.0
             WGCU      D22   DT  CP      FORT MYERS, FL            BLANK0000034435         122.0
             WVEN-TV   D22   DT  CP      MELBOURNE, FL             BLANK0000034008         143.5
             WARP-CD   D22   DC  CP      TAMPA-ST. PETERSBURG, FL  BLANK0000034453          36.1

       Service area       Terrain-limited       IX-free, before        IX-free, after    Percent New IX
 29864.7   4,236,627   29862.7   4,236,627   28965.1   4,175,217   28965.1   4,175,217     0.00     0.00

Undesired                          Total IX     Unique IX, before      Unique IX, after
WDYB-CD D21 DC BL           1.0           0       0.0           0
WDYB-CD D21 DC STA         99.4      10,320                            0.0           0
WVEA-TV D20 DT CP          36.7       5,452      32.8       4,824      32.8       4,824
WJEB-TV D21 DT CP          84.3       3,752      58.4       1,129      55.5       1,129
WKME-CD D21 DC LIC        653.8      41,401     317.2      11,522     317.2      11,522
WGCU D22 DT CP            137.7      12,142     137.7      12,142     137.7      12,142
WVEN-TV D22 DT CP         346.5      30,020      11.9         766      11.9         766
WARP-CD D22 DC CP           1.0       1,145       1.0       1,145       1.0       1,145

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Interference to BLCDT20060627AAQ LIC scenario 1

             Call      Chan  Svc Status  City, State               File Number             Distance
Desired:     WCLF      D21   DT  LIC     CLEARWATER, FL            BLCDT20060627AAQ

Undesireds:  WDYB-CD   D21   DC  BL      DAYTONA BEACH, FL         DTVBL41375              160.0 km
             WDYB-CD   D21   DC  STA     DAYTONA BEACH, FL         WDYB New Location--ASR  153.1
             WVEA-TV   D20   DT  CP      TAMPA, FL                 BLANK0000034006           3.1
             WJEB-TV   D21   DT  CP      JACKSONVILLE, FL          BLANK0000028163         281.3
             WKME-CD   D21   DC  LIC     KISSIMMEE, FL             BLANK0000090448          95.0
             WGCU      D22   DT  CP      FORT MYERS, FL            BLANK0000034435         122.0
             WVEN-TV   D22   DT  CP      MELBOURNE, FL             BLANK0000034008         143.5
             WARP-CD   D22   DC  CP      TAMPA-ST. PETERSBURG, FL  BLANK0000034453          36.1

       Service area       Terrain-limited       IX-free, before        IX-free, after    Percent New IX
 26771.6   4,095,527   26768.7   4,095,183   26435.2   4,058,924   26435.2   4,058,924     0.00     0.00

Undesired                          Total IX     Unique IX, before      Unique IX, after
WDYB-CD D21 DC BL           0.0           0       0.0           0
WDYB-CD D21 DC STA         21.9       2,278                            0.0           0
WVEA-TV D20 DT CP          61.7       8,400      57.7       7,780      57.7       7,780
WJEB-TV D21 DT CP          66.4       2,755      55.5       1,044      52.5       1,044
WKME-CD D21 DC LIC         79.7      14,487      49.8      10,156      49.8      10,156
WGCU D22 DT CP            137.7      12,201     137.7      12,201     137.7      12,201
WVEN-TV D22 DT CP          29.9       4,664       0.0           0       0.0           0
WARP-CD D22 DC CP           1.0         399       1.0         399       1.0         399

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Interference to BLANK0000028163 CP scenario 1

             Call      Chan  Svc Status  City, State               File Number             Distance
Desired:     WJEB-TV   D21   DT  CP      JACKSONVILLE, FL          BLANK0000028163

Undesireds:  WDYB-CD   D21   DC  BL      DAYTONA BEACH, FL         DTVBL41375              148.0 km
             WDYB-CD   D21   DC  STA     DAYTONA BEACH, FL         WDYB New Location--ASR  152.6
             WCWJ      D20   DT  CP      JACKSONVILLE, FL          BLANK0000029603           1.1
             WCLF      D21   DT  APP     CLEARWATER, FL            BLANK0000036056         281.3
             WEBA-TV   D21   DT  LIC     ALLENDALE, SC             BLANK0000081199         324.0

       Service area       Terrain-limited       IX-free, before        IX-free, after    Percent New IX
 24498.0   1,607,290   24498.0   1,607,290   24463.7   1,604,225   24436.5   1,603,352     0.11     0.05

Undesired                          Total IX     Unique IX, before      Unique IX, after
WDYB-CD D21 DC BL          21.2       2,801      21.2       2,801
WDYB-CD D21 DC STA         50.5       3,734                            48.4       3,674
WCWJ D20 DT CP              3.0          60       2.0           0       1.0           0
WCLF D21 DT APP            11.1         264      10.1         204      10.1         204

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Interference to BLANK0000028163 CP scenario 2

             Call      Chan  Svc Status  City, State               File Number             Distance
Desired:     WJEB-TV   D21   DT  CP      JACKSONVILLE, FL          BLANK0000028163

Undesireds:  WDYB-CD   D21   DC  BL      DAYTONA BEACH, FL         DTVBL41375              148.0 km
             WDYB-CD   D21   DC  STA     DAYTONA BEACH, FL         WDYB New Location--ASR  152.6
             WCWJ      D20   DT  CP      JACKSONVILLE, FL          BLANK0000029603           1.1
             WCLF      D21   DT  LIC     CLEARWATER, FL            BLCDT20060627AAQ        281.3
             WEBA-TV   D21   DT  LIC     ALLENDALE, SC             BLANK0000081199         324.0

       Service area       Terrain-limited       IX-free, before        IX-free, after    Percent New IX
 24498.0   1,607,290   24498.0   1,607,290   24466.7   1,604,225   24439.5   1,603,352     0.11     0.05
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Undesired		Total IX		Unique IX, before		Unique IX, after	
WDYB-CD	D21 DC BL	21.2	2,801	21.2	2,801		
WDYB-CD	D21 DC STA	50.5	3,734			48.4	3,674
WCWJ D20	DT CP	3.0	60	2.0	0	1.0	0
WCLF	D21 DT LIC	8.1	264	7.1	204	7.1	204

Interference to BLANK0000090448 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKME-CD	D21	DC	LIC	KISSIMMEE, FL	BLANK0000090448	
Undesireds:	WDYB-CD	D21	DC	BL	DAYTONA BEACH, FL	DTVBL41375	71.4 km
	WDYB-CD	D21	DC	STA	DAYTONA BEACH, FL	WDYB New Location--ASR	64.9
	WCLF	D21	DT	APP	CLEARWATER, FL	BLANK0000036056	95.0
	WVEN-TV	D22	DT	CP	MELBOURNE, FL	BLANK0000034008	48.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
2155.7	464,442	2155.7	464,442	2073.2	456,838	2064.3	455,350	0.43	0.33

Undesired		Total IX		Unique IX, before		Unique IX, after	
WDYB-CD	D21 DC BL	0.0	0	0.0	0		
WDYB-CD	D21 DC STA	21.9	2,225			8.9	1,488
WCLF	D21 DT APP	33.8	6,111	30.8	4,069	28.8	4,021
WVEN-TV	D22 DT CP	51.7	3,535	48.7	1,493	39.7	1,226

Interference to BLANK0000090448 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WKME-CD	D21	DC	LIC	KISSIMMEE, FL	BLANK0000090448	
Undesireds:	WDYB-CD	D21	DC	BL	DAYTONA BEACH, FL	DTVBL41375	71.4 km
	WDYB-CD	D21	DC	STA	DAYTONA BEACH, FL	WDYB New Location--ASR	64.9
	WCLF	D21	DT	LIC	CLEARWATER, FL	BLCDT20060627AAQ	95.0
	WVEN-TV	D22	DT	CP	MELBOURNE, FL	BLANK0000034008	48.8

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
2155.7	464,442	2155.7	464,442	2101.0	459,295	2090.1	457,759	0.52	0.33

Undesired		Total IX		Unique IX, before		Unique IX, after	
WDYB-CD	D21 DC BL	0.0	0	0.0	0		
WDYB-CD	D21 DC STA	21.9	2,225			10.9	1,536
WCLF	D21 DT LIC	4.0	3,232	3.0	1,612	3.0	1,612
WVEN-TV	D22 DT CP	51.7	3,535	50.7	1,915	39.7	1,226

Interference to BLANK0000087100 LIC scenario 1

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W21DX-D	D21	LD	LIC	OCALA, FL	BLANK0000087100	
Undesireds:	WDYB-CD	D21	DC	BL	DAYTONA BEACH, FL	DTVBL41375	85.0 km
	WDYB-CD	D21	DC	STA	DAYTONA BEACH, FL	WDYB New Location--ASR	83.5
	NEW	D20	LD	APP	DUNNELLON, FL	BNPDTL20090825BFT	38.0
	NEW	D20	LD	APP	OCALA, FL	BNPDTL20090825AMY	26.1
	NEW	D20	LD	APP	WILLISTON, FL	BNPDTL20090825BUO	34.9
	WCLF	D21	DT	APP	CLEARWATER, FL	BLANK0000036056	162.0
	NEW	D21	LD	APP	GAINESVILLE, FL	BNPDTL20090825AOI	48.4
	WJEB-TV	D21	DT	CP	JACKSONVILLE, FL	BLANK0000028163	122.6
	W21AU-D	N21+	TX	LIC	ORLANDO, FL	BLTTL19920715IB	95.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
1983.8	305,595	1983.8	305,595	1800.5	299,797	1798.5	299,797	0.11	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
WDYB-CD	D21 DC BL	0.0	0	0.0	0		
WDYB-CD	D21 DC STA	2.0	0			2.0	0
NEW	D20 LD APP	103.3	4,114	53.7	1,888	53.7	1,888
NEW	D20 LD APP	1.0	0	0.0	0	0.0	0
NEW	D20 LD APP	44.5	2,211	0.0	0	0.0	0
WCLF	D21 DT APP	2.0	35	0.0	0	0.0	0
NEW	D21 LD APP	42.5	2,208	13.2	601	13.2	601
WJEB-TV	D21 DT CP	73.0	1,098	62.9	1,048	62.9	1,048

Interference to BLANK0000087100 LIC scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	W21DX-D	D21	LD	LIC	OCALA, FL	BLANK0000087100	
Undesireds:	WDYB-CD	D21	DC	BL	DAYTONA BEACH, FL	DTVBL41375	85.0 km
	WDYB-CD	D21	DC	STA	DAYTONA BEACH, FL	WDYB New Location--ASR	83.5
	NEW	D20	LD	APP	DUNNELLON, FL	BNPDTL20090825BFT	38.0
	NEW	D20	LD	APP	OCALA, FL	BNPDTL20090825AMY	26.1
	NEW	D20	LD	APP	WILLISTON, FL	BNPDTL20090825BUO	34.9
	WCLF	D21	DT	LIC	CLEARWATER, FL	BLCDT20060627AAQ	162.0
	NEW	D21	LD	APP	GAINESVILLE, FL	BNPDTL20090825AOI	48.4
	WJEB-TV	D21	DT	CP	JACKSONVILLE, FL	BLANK0000028163	122.6
	W21AU-D	N21+	TX	LIC	ORLANDO, FL	BLTTL19920715IB	95.4

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
1983.8	305,595	1983.8	305,595	1800.5	299,797	1798.5	299,797	0.11	0.00

Undesired		Total IX		Unique IX, before		Unique IX, after	
WDYB-CD	D21 DC BL	0.0	0	0.0	0		
WDYB-CD	D21 DC STA	2.0	0			2.0	0
NEW	D20 LD APP	103.3	4,114	53.7	1,888	53.7	1,888
NEW	D20 LD APP	1.0	0	0.0	0	0.0	0
NEW	D20 LD APP	44.5	2,211	0.0	0	0.0	0
WCLF	D21 DT LIC	1.0	35	0.0	0	0.0	0
NEW	D21 LD APP	42.5	2,208	13.2	601	13.2	601
WJEB-TV	D21 DT CP	73.0	1,098	63.9	1,048	63.9	1,048

Interference to BLTTL19920715IB LIC scenario 1
**IX: 93.33% interference caused

	Call	Chan	Svc	Status	City, State	File Number	Distance

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Desired:     W21AU-D   N21+  TX  LIC     ORLANDO, FL               BLTTL19920715IB

Undesireds:  WDYB-CD   D21   DC  BL      DAYTONA BEACH, FL         DTVBL41375                44.0 km
             WDYB-CD   D21   DC  STA     DAYTONA BEACH, FL         WDYB New Location--ASR    37.3
             WCLF      D21   DT  APP     CLEARWATER, FL            BLANK0000036056          117.7
             WKME-CD   D21   DC  LIC     KISSIMMEE, FL             BLANK0000090448           27.8
             WVEN-TV   D22   DT  CP      MELBOURNE, FL             BLANK0000034008           36.5

       Service area       Terrain-limited       IX-free, before       IX-free, after    Percent New IX
   838.7     880,242     838.7     880,242     659.2     710,290      45.6      47,350    93.08    93.33

Undesired                          Total IX     Unique IX, before      Unique IX, after
WDYB-CD D21 DC BL           99.2      90,884      95.2       87,506
WDYB-CD D21 DC STA         787.1     829,988                           708.8     750,446
WCLF D21 DT APP             21.8      15,727      17.9       12,349       3.0       1,922
WKME-CD D21 DC LIC          61.5      66,719      61.5       66,719       2.0         982
WVEN-TV D22 DT CP            1.0           0       1.0            0       1.0           0

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Interference to BLTTL19920715IB LIC scenario 2
**IX: 93.18% interference caused

             Call      Chan  Svc Status  City, State               File Number             Distance
Desired:     W21AU-D   N21+  TX  LIC     ORLANDO, FL               BLTTL19920715IB

Undesireds:  WDYB-CD   D21   DC  BL      DAYTONA BEACH, FL         DTVBL41375                44.0 km
             WDYB-CD   D21   DC  STA     DAYTONA BEACH, FL         WDYB New Location--ASR    37.3
             WKME-CD   D21   DC  LIC     KISSIMMEE, FL             BLANK0000090448           27.8
             WVEN-TV   D22   DT  CP      MELBOURNE, FL             BLANK0000034008           36.5

       Service area       Terrain-limited       IX-free, before       IX-free, after    Percent New IX
   838.7     880,242     838.7     880,242     677.0     722,639      48.6      49,272    92.82    93.18

Undesired                          Total IX     Unique IX, before      Unique IX, after
WDYB-CD D21 DC BL           99.2      90,884      99.2       90,884
WDYB-CD D21 DC STA         787.1     829,988                           727.6     764,251
WKME-CD D21 DC LIC          61.5      66,719      61.5       66,719       2.0         982
WVEN-TV D22 DT CP            1.0           0       1.0            0       1.0           0

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Interference to BLANK0000025170 LIC scenario 1
**IX: 14.07% interference caused

             Call      Chan  Svc Status  City, State               File Number             Distance
Desired:     W21AU-D   D21   LD  LIC     ORLANDO, FL               BLANK0000025170

Undesireds:  WDYB-CD   D21   DC  BL      DAYTONA BEACH, FL         DTVBL41375                46.4 km
             WDYB-CD   D21   DC  STA     DAYTONA BEACH, FL         WDYB New Location--ASR    43.6
             WFTV      D20   LD  LIC     ORLANDO, FL               BLCDT20140116ACS          29.6
             WCLF      D21   DT  APP     CLEARWATER, FL            BLANK0000036056          143.5
             WKME-CD   D21   DC  LIC     KISSIMMEE, FL             BLANK0000090448           48.8
             WVEN-TV   D22   DT  CP      MELBOURNE, FL             BLANK0000034008            0.0

       Service area       Terrain-limited       IX-free, before       IX-free, after    Percent New IX
  6273.0   1,905,762    6273.0   1,905,762    3629.2     974,895    3296.4     837,723     9.17    14.07

Undesired                          Total IX     Unique IX, before      Unique IX, after
WDYB-CD D21 DC BL           546.0     139,241     168.5       97,042
WDYB-CD D21 DC STA         1335.6     533,908                           501.3     234,214
WFTV D20 LD LIC             302.3      21,923      72.1          135       5.1         553
WCLF D21 DT APP              14.9       5,584       0.0            0       0.0           0
WKME-CD D21 DC LIC          626.0     247,561     149.0       26,266     149.0      26,266
WVEN-TV D22 DT CP          2076.8     793,509    1357.5     536,471     991.9     282,020

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Interference to BLANK0000025170 LIC scenario 2
**IX: 14.07% interference caused

             Call      Chan  Svc Status  City, State               File Number             Distance
Desired:     W21AU-D   D21   LD  LIC     ORLANDO, FL               BLANK0000025170

Undesireds:  WDYB-CD   D21   DC  BL      DAYTONA BEACH, FL         DTVBL41375                46.4 km
             WDYB-CD   D21   DC  STA     DAYTONA BEACH, FL         WDYB New Location--ASR    43.6
             WFTV      D20   LD  LIC     ORLANDO, FL               BLCDT20140116ACS          29.6
             WCLF      D21   DT  LIC     CLEARWATER, FL            BLCDT20060627AAQ         143.5
             WKME-CD   D21   DC  LIC     KISSIMMEE, FL             BLANK0000090448           48.8
             WVEN-TV   D22   DT  CP      MELBOURNE, FL             BLANK0000034008            0.0

       Service area       Terrain-limited       IX-free, before       IX-free, after    Percent New IX
  6273.0   1,905,762    6273.0   1,905,762    3629.2     974,895    3296.4     837,723     9.17    14.07

Undesired                          Total IX     Unique IX, before      Unique IX, after
WDYB-CD D21 DC BL           546.0     139,241     168.5       97,042
WDYB-CD D21 DC STA         1335.6     533,908                           501.3     234,214
WFTV D20 LD LIC             302.3      21,923      72.1          135       5.1         553
WCLF D21 DT LIC               1.0         624       0.0            0       0.0           0
WKME-CD D21 DC LIC          626.0     247,561     149.0       26,266     149.0      26,266
WVEN-TV D22 DT CP          2076.8     793,509    1371.4     541,431    1000.8     284,369

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Interference to BLANK0000034008 CP scenario 1

             Call      Chan  Svc Status  City, State               File Number             Distance
Desired:     WVEN-TV   D22   DT  CP      MELBOURNE, FL             BLANK0000034008

Undesireds:  WDYB-CD   D21   DC  BL      DAYTONA BEACH, FL         DTVBL41375                46.4 km
             WDYB-CD   D21   DC  STA     DAYTONA BEACH, FL         WDYB New Location--ASR    43.6
             WCLF      D21   DT  APP     CLEARWATER, FL            BLANK0000036056          143.5
             WKME-CD   D21   DC  LIC     KISSIMMEE, FL             BLANK0000090448           48.8
             WGCU      D22   DT  CP      FORT MYERS, FL            BLANK0000034435          207.9
             WFOR-TV   D22   DT  LIC     MIAMI, FL                 BLCDT20130909AAV         303.1
             WTWC-TV   D22   DT  CP      TALLAHASSEE, FL           BLANK0000034393          363.4
             WARP-CD   D22   DC  CP      TAMPA-ST. PETERSBURG, FL  BLANK0000034453          170.8
             WKCF      D23   DT  CP      CLERMONT, FL              BLANK0000034532            0.0

       Service area       Terrain-limited       IX-free, before       IX-free, after    Percent New IX
 34724.5   3,924,555   34722.5   3,924,555   34384.1   3,872,480   34386.1   3,873,076    -0.01    -0.02

Undesired                          Total IX     Unique IX, before      Unique IX, after
```

```
WDYB-CD D21 DC BL          3.0         596       2.0         596
WDYB-CD D21 DC STA         0.0           0                             0.0           0
WCLF D21 DT APP           25.9       7,916       1.0           0       1.0           0
WKME-CD D21 DC LIC         1.0           0       0.0           0       0.0           0
WGCU D22 DT CP            60.8       7,557      31.0         760      31.0         760
WFOR-TV D22 DT LIC         9.0         227       0.0           0       0.0           0
WTWC-TV D22 DT CP          4.0         699       1.0           0       1.0           0
WARP-CD D22 DC CP        262.4      44,793     225.6      35,354     225.6      35,354
WKCF D23 DT CP            37.0       5,665      35.0       5,665      36.1       5,665
```

Interference to BLANK0000034008 CP scenario 2

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WVEN-TV	D22	DT	CP	MELBOURNE, FL	BLANK0000034008	
Undesireds:	WDYB-CD	D21	DC	BL	DAYTONA BEACH, FL	DTVBL41375	46.4 km
	WDYB-CD	D21	DC	STA	DAYTONA BEACH, FL	WDYB New Location--ASR	43.6
	WCLF	D21	DT	LIC	CLEARWATER, FL	BLCDT20060627AAQ	143.5
	WKME-CD	D21	DC	LIC	KISSIMMEE, FL	BLANK0000090448	48.8
	WGCU	D22	DT	CP	FORT MYERS, FL	BLANK0000034435	207.9
	WFOR-TV	D22	DT	LIC	MIAMI, FL	BLCDT20130909AAV	303.1
	WTWC-TV	D22	DT	CP	TALLAHASSEE, FL	BLANK0000034393	363.4
	WARP-CD	D22	DC	CP	TAMPA-ST. PETERSBURG, FL	BLANK0000034453	170.8
	WKCF	D23	DT	CP	CLERMONT, FL	BLANK0000034532	0.0

Service area		Terrain-limited		IX-free, before		IX-free, after		Percent New IX	
34724.5	3,924,555	34722.5	3,924,555	34384.1	3,872,480	34386.1	3,873,076	-0.01	-0.02

```
Undesired                          Total IX     Unique IX, before      Unique IX, after
WDYB-CD D21 DC BL          3.0         596       2.0         596
WDYB-CD D21 DC STA         0.0           0                             0.0           0
WCLF D21 DT LIC           12.9       4,299       1.0           0       1.0           0
WKME-CD D21 DC LIC         1.0           0       0.0           0       0.0           0
WGCU D22 DT CP            60.8       7,557      31.0         760      31.0         760
WFOR-TV D22 DT LIC         9.0         227       0.0           0       0.0           0
WTWC-TV D22 DT CP          4.0         699       1.0           0       1.0           0
WARP-CD D22 DC CP        262.4      44,793     234.5      38,239     234.5      38,239
WKCF D23 DT CP            37.0       5,665      35.0       5,665      36.1       5,665
```

Interference to proposal scenario 1
**MX: 12.36% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WDYB-CD	D21	DC	STA	DAYTONA BEACH, FL	WDYB New Location--ASR	
Undesireds:	WZXZ-CD	D20	DC	CP	ORLANDO, ETC., FL	BLANK0000034824	43.6 km
	WCLF	D21	DT	APP	CLEARWATER, FL	BLANK0000036056	153.1
	WJEB-TV	D21	DT	CP	JACKSONVILLE, FL	BLANK0000028163	152.6
	WVEN-TV	D22	DT	CP	MELBOURNE, FL	BLANK0000034008	43.6

Service area		Terrain-limited		IX-free		Percent IX	
5130.3	1,273,741	5130.3	1,273,741	4749.3	1,116,244	7.43	12.36

```
Undesired                          Total IX            Unique IX   Prcnt Unique IX
WCLF D21 DT APP            8.0       2,997       1.0         716     0.02     0.06
WJEB-TV D21 DT CP         29.1      13,678      14.2          30     0.28     0.00
WVEN-TV D22 DT CP        365.8     156,751     346.9     142,550     6.76    11.19
```

Interference to proposal scenario 2
12.31% interference received

	Call	Chan	Svc	Status	City, State	File Number	Distance
Desired:	WDYB-CD	D21	DC	STA	DAYTONA BEACH, FL	WDYB New Location--ASR	
Undesireds:	WZXZ-CD	D20	DC	CP	ORLANDO, ETC., FL	BLANK0000034824	43.6 km
	WCLF	D21	DT	LIC	CLEARWATER, FL	BLCDT20060627AAQ	153.1
	WJEB-TV	D21	DT	CP	JACKSONVILLE, FL	BLANK0000028163	152.6
	WVEN-TV	D22	DT	CP	MELBOURNE, FL	BLANK0000034008	43.6

Service area		Terrain-limited		IX-free		Percent IX	
5130.3	1,273,741	5130.3	1,273,741	4750.3	1,116,960	7.41	12.31

```
Undesired                          Total IX            Unique IX   Prcnt Unique IX
WCLF D21 DT LIC            1.0          60       0.0           0     0.00     0.00
WJEB-TV D21 DT CP         29.1      13,678      14.2          30     0.28     0.00
WVEN-TV D22 DT CP        365.8     156,751     350.9     143,103     6.84    11.23
```