

032002XX WZZX-LP Orlando FL  
LPONE Page 1  
Channel 36 Minus Offset N Lat 28 34 52 W Long 81 04 31  
ERP: 25.000 kW; RCAMSL: 570.0 ft  
It is 11:25:15 on 16-MAY-99  
Directional Antenna Make: PSI; Model: PSILP24BB ; Ref Az: 267.0  
TV Volume 0; TX Volume 0; DA Volume 0  
Tendered 000000 Last Updated manual Cutoff Date: Tier 0 TV  
/TX Last Updated 991230; DA Last Updated

Studies for 032002XX will cover from Channel 21 to Channel 51

The following operations are considered in detail:

BLCT960507KF WOFL ORLANDO FL MEREDITH CORPORATION  
Channel 35 Plus Offset LIC N Lat 28 36 17 W Long 81 05 13  
ERP: 2570.000 kW; RCAMSL: 1509.0 ft; HAAT: 451.0 ft; Maximum HAAT: 1504.0 ft  
Directional Antenna Make: DIE; Model: ODD960507KF ; Ref Az: 70  
Last Updated 980702  
Distance from 032002XX is 2.9 kilometers

Interference Caused  
Overall Conclusion

From Desired Operation ( BLCT960507KF  
032002XX causes interference to full  
WOFL Ch 35) to Protected Contour:  
service TV station WOFL BLCT960507KF.  
Azimuth 156.5  
Therefore, 032002XX is unacceptable  
Distance (km) 83.3  
for filing and should be returned.  
ERP (kW) 1461.446  
HAAT (ft) 1453.4  
Summary: Return 032002XX  
Sig Level (dBu) 64.0

Antenna site of undesired operation  
( 032002XX WZZX-LP Ch 36) is  
2.9 kilometers from antenna site of

desired operation; therefore, antenna  
site of undesired operation is within  
protected contour.

BPCT960626KE WOFL ORLANDO FL MEREDITH CORPORATION

Channel 35 Plus Offset CP N Lat 28 36 17 W Long 81 05 13  
ERP: 5000.000 kW; RCAMSL: 1509.0 ft; HAAT: 451.0 ft; Maximum HAAT: 1504.0 ft  
Directional Antenna Make: DIE; Model: ODD960626KE ; Ref Az: 70  
Last Updated 981109  
Distance from 032002XX is 2.9 kilometers

Interference Caused  
Overall Conclusion

From Desired Operation ( BPCT960626KE  
032002XX causes interference to full  
WOFL Ch 35) to Protected Contour:  
service TV station WOFL BPCT960626KE.  
Azimuth 156.5  
Therefore, 032002XX is unacceptable  
Distance (km) 83.2  
for filing and should be returned.  
ERP (kW) 1454.167  
HAAT (ft) 1453.4  
Summary: Return 032002XX  
Sig Level (dBu) 64.0

Antenna site of undesired operation  
( 032002XX WZLX-LP Ch 36) is  
2.9 kilometers from antenna site of  
desired operation; therefore, antenna  
site of undesired operation is within  
protected contour.

BLCT880310KG WFTX CAPE CORAL FL EMMIS TV LIC. CORP. OF CAPE CORAL  
Channel 36 Zero Offset LIC N Lat 26 47 43 W Long 81 48 04  
ERP: 5000.000 kW; RCAMSL: 1506.0 ft; HAAT: 450.0 ft; Maximum HAAT: 1494.0 ft  
Directional Antenna Make: RCA; Model: ODD880310KG ; Ref Az: 0  
Last Updated 981028  
Distance from 032002XX is 210.4 kilometers

Interference Caused  
Overall Conclusion

From Desired Operation ( BLCT880310KG  
032002XX does not cause interference  
WFTX Ch 36) to Protected Contour:  
to WFTX BLCT880310KG. No problem.  
Azimuth 359.6  
Distance (km) 91.8  
Summary: No problem.  
ERP (kW) 3399.006  
HAAT (ft) 1473.2  
Sig Level (dBu) 64.0

From undesired operation ( 032002XX  
WZXZ-LP Ch 36) to Protected Contour:  
Azimuth 214.1  
Distance (km) 128.5  
ERP (kW) 22.402  
HAAT (ft) 525.3  
Sig Level (dBu) 36.0

QRM Ratios (Desired-to-Undesired):  
Required (dB) 28.0  
Actual (dB) 28.0

Result: No Problem

The following operations are considered in detail (continued):

BLCT820816KE WBSF MELBOURNE FL USA BROADCASTING, INC.

Channel 43 Plus Offset LIC N Lat 28 18 26 W Long 80 54 48  
ERP: 4170.000 kW; RCAMSL: 1017.0 ft; HAAT: 299.0 ft; Maximum HAAT: 1015.0 ft  
Directional Antenna Make: BOG; Model: ODDWMOD ; Ref Az: 0  
Last Updated 990122  
Distance from 032002XX is 34.2 kilometers

Minimum Spacing Requirements  
Overall Conclusion

Spacing between 032002XX and full  
032002XX and full service TV station  
service TV station WBSF BLCT820816KE:  
WBSF BLCT820816KE are shortspaced.

Therefore, 032002XX is unacceptable  
Required separation (km) 100  
for filing and should be returned.  
Actual separation (km) 34

Summary: Return 032002XX  
Result: Shortspacing

BPCT970219KE WBSF MELBOURNE FL USA BROADCASTING, INC.

Channel 43 Plus Offset CP N Lat 28 18 22 W Long 80 54 45  
ERP: 2240.000 kW; RCAMSL: 1020.0 ft; HAAT: 303.0 ft; Maximum HAAT: 1018.0 ft  
Directional Antenna Make: SWR; Model: ODD970219KE ; Ref Az: 0  
Last Updated 990910  
Distance from 032002XX is 34.4 kilometers

Minimum Spacing Requirements  
Overall Conclusion

Spacing between 032002XX and full  
032002XX and full service TV station  
service TV station WBSF BPCT970219KE:  
WBSF BPCT970219KE are shortspaced.

Therefore, 032002XX is unacceptable  
Required separation (km) 100  
for filing and should be returned.  
Actual separation (km) 34

Summary: Return 032002XX  
Result: Shortspacing

Summary of Results of Study of 032002XX

032002XX should be returned because:

1. It causes objectionable interference to full service TV operation:  
BLCT960507KF WOFL ORLANDO FL Ch 35 LIC Plus Offset N Lat 28 36 17 W Long 81 05 13  
(MEREDITH CORPORATION ERP: 2570.000 kW; RCAMSL: 1509.0 ft; Make: DIE Model: ODD960507KF Ref Az 70.0
2. It causes objectionable interference to full service TV operation:  
BPCT960626KE WOFL ORLANDO FL Ch 35 CP Plus Offset N Lat 28 36 17 W Long 81 05 13  
(MEREDITH CORPORATION ERP: 5000.000 kW; RCAMSL: 1509.0 ft; Make: DIE Model: ODD960626KE Ref Az 70.0
3. It is shortspaced with full service TV operation:  
BLCT820816KE WBSF MELBOURNE FL Ch 43 LIC Plus Offset N Lat 28 18 26 W Long 80 54 48  
(USA BROADCASTING, INC. ERP: 4170.000 kW; RCAMSL: 1017.0 ft; Make: BOG Model: ODDWMOD Ref Az 0.0
4. It is shortspaced with full service TV operation:  
BPCT970219KE WBSF MELBOURNE FL Ch 43 CP Plus Offset N Lat 28 18 22 W Long 80 54 45  
(USA BROADCASTING, INC. ERP: 2240.000 kW; RCAMSL: 1020.0 ft; Make: SWR Model: ODD970219KE Ref Az 0.0

169 records were considered in the range from Channel 21 to 51