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**SONSHINE FAMILY TELEVISION CORPORATION**

**LICENSEE OF WBPH-DT**

**DTV CHANNEL 9**

**BETHLEHEM, PENNSYLVANIA**

**FAC ID# 60850**

**FCC FILE # BLCDT-20060609AAH**

**BPCT-20080619ALA**

**BMPCDT-20100505AAH**

**APPLICATION FOR A MINOR MODIFICATION OF CP TO CORRECT  
ANTENNA ORIENTATION AS SHOWN IN CDBS**

**DIRECTIONAL ANTENNA EXHIBIT 46**

**March 28, 2011**

**SONSHINE FAMILY TELEVISION CORPORATION**

**LICENSEE OF WBPH-DT**

**DTV CHANNEL 9**

**BETHLEHEM, PENNSYLVANIA**

**FAC ID# 60850**

**FCC FILE # BLCDT-20060609AAH**

**BPCT-20080619ALA**

**BMPCDT-20100105AAH**

**CORRECTED ANTENNA DATA ENGINEERING EXHIBIT 46**

This application is for a further minor modification of an outstanding CP for WBPH-DT (BPCDT-20100105AAH) for an administrative modification to correct antenna orientation as listed in the FCC CDBS. This application is being filed as a result of discussions between Sonshine's council and Media Bureau staff regarding the error noted below.

The directional antenna pattern shape as authorized in BMPCDT-20100105AAH, as last modified on August 18, 2010, and shown in the FCC CDBS is correct, only the pattern rotation is incorrect. Specifically the pattern rotation, as listed in the CDBS is 0.0 degrees True. The correct rotation is 30.0 degrees True. All other transmission data as on file is correct.

The administrative change in antenna pattern rotation results in no change in interference protection requirements as per FCC Rules and as modified by the several Agreements previously filed with the Commission between Sonshine, NJ Public Broadcasting, Detroit Free Press and Hearst-Argyle with respect to DTV stations WBPH-DT, WNJB-DT, WGAL-DT, and WUSA-DT. In fact, Longley-Rice studies completed for Sonshine by MSW, LLC at the time of submitting the original application in January 2010 did allow for the corrected pattern rotation shown herein. The WBPH-DT transmitting antenna is, in fact, installed as outlined herein.

Therefore, Sonshine requests that the outstanding CP, BMPCDT-20100105AAH, as previously modified, be further modified to show the corrected pattern rotation as shown in Paragraph 10e of the Tech Box of Form 301, and the pending Sonshine application for a covering license, BLCDT-20100907AAF to be corrected, as needed, to also reflect the changes noted herein.

SIGNAL™: wbpH\_CP\_corrected\_coverage.map

Sites

Site: WBPB\_PSI\_new\_antenna  
N40°34'01.90" W75°26'04.80" 305.4 m  
WBPBpsi Tx.Ht.AGL: 146.9 m Total ERPd: 19.06dBkW  
Grp: 1 directional-horizontal/90.0° 187.3100 MHz

Interference contour study

Propagation methods:  
service contour : FCC-FCC 90.0%

= **36.0 dBµV/m service contour**

Notes

Coverage map showing the 36 dBu F(50,90) contour  
of WBPB-DT CP BMPCDT-20100105AAH (BLUE)  
prepared by  
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### CP and STA COVERAGE

WBPB Corrected Coverage

3/28/2011

Figure 1

