

**Larry H. Will, P.E.**

**Broadcast Engineering**

---

1055 Powderhorn Drive  
Glen Mills, PA 19342-9504

PH (610) 399-1826  
FAX (610) 399-0995  
E-Mail lwill@voicenet.com

**VIRGINIA BEACH EDUCATIONAL BROADCASTING  
FOUNDATION**

**LICENSEE OF WJLZ(FM)**

**CHANNEL 203**

**VIRGINIA BEACH, VIRGINIA**

**FAC ID# 69636**

**FCC FILE # BPED-20030-602BIB**

**EXHIBIT 7 OF FORM 302-FM IN SUPPORT OF AN  
APPLICATION FOR A COVERING LICENSE**

**March 9, 2005**

**VIRGINIA BEACH EDUCATIONAL BROADCASTING FOUNDATION**

**LICENSEE OF WJLZ(FM) CHANNEL 203**

**VIRGINIA BEACH, VIRGINIA**

**FCC FILE # BPED-20030602BIB**

**EXHIBIT 7**

**TRANSMITTER POWER (T.P.O.) DETERMINATION**

	<u>WATTS</u>	<u>dBk</u>
AUTHORIZED ERP:	1200 Watts (H & V)	0.792 dBk
SWR FMEC/2 GAIN:	2.578 x	4.11 dB
REQ'D INPUT PWR:	0.466 kW	-3.32 dBk
90 ft ½" Helix EFF:	0.875	-0.58 dB
REQ' T.P.O. :	0.533 kW	-2.73 dBk

Numbers rounded. Prepared by Larry H. Will, P.E. with data supplied by SWR Engineering.