

**MODIFY BHL-19971007KC**  
**RADIO LICENSE HOLDING CBC, LLC.**  
**WXTL (FM) RADIO STATION**  
**CH 290A - 105.9 MHZ - 4.0 KW**  
**SYRACUSE, NEW YORK**  
**August 2017**

**EXHIBIT A**

**WXTL Transmission System Calculations**

Effective Radiated Power:	4.0 Kilowatts (Horizontal/Vertical)
Antenna:	ERI LPX-3C-HW 3 bay half wavelength spaced antenna
Power Gain:	1.012
Transmission Line: (425 feet / 129.5 meters) Efficiency:	Cablewave HCC 158-50J 1 5/8 inch air dielectric 81.1 %
Bandpass Filter: Efficiency: dB Loss:	Shively 2606-3A 92.03 % -0.3605 dB
Transmission Line (10.5 feet): (3.2 m) Efficiency:	Myat 201-004 1 5/8" Rigid 99.53%
Required Transmitter Power Output To Reach Effective Radiated Power:	5.32 Kilowatts

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Geographic Coordinates:	North Latitude	43° 03' 30"
	West Longitude	76° 10' 00"
Antenna Center of Radiation:	AMSL	232.0 meters
	HAAT	61.0 meters
	AGL	118.0 meters
ASRN:	1007737	