

EXHIBIT 7
TRANSMITTER POWER OUTPUT CALCULATION
NOTIFICATION OF ANTENNA REPLACEMENT
UP NORTH RADIO, LLC
WBZX BIG RAPIDS, MICHIGAN
CH 280A 6.0 KW (H&V) 70 METERS
FACILITY ID # 191528

The WBZX transmission system consists of the Bext TFC2K 4-bay, full-wave spaced antenna, 165 feet of AVA7-50A transmission line and a Collins band-pass filter which protects several co-located SMR receivers.

		kw	dB	
ERP		6.00	7.78	dB(k)
Antenna Gain		2.50	3.2	dBd
Antenna Input		2.87	4.58	dB(k)
Line Type	AVA7-50A	X	X	
Length (ft)	165.00	X	X	
Loss/100'	-0.243	0.91	-0.401	91.18%
Filter			-0.35	dB
Calculated TPO		3.41	5.33	dB(k)