

July 17, 2013

Exhibit 7 – KMRO (FM) Camarillo, CA

BMPEd-20130531AIH, Application for License to Cover CP

Calculation of Transmitter Output Power

Transmitter Output Power:	6.8674	(6.9 kW)
Transmission Line:	Andrew LDF7-50A 1 5/8"	
Length of Line:	75 feet	
Loss in dB/100' at 90.3 MHz:	0.209 dB	
Line efficiency at 90.3 MHz:	96.46 %	
Maximum Average Power Rating of Line:	14.46 kW	
Power dissipated in Line:	242.88 watts	
Power input at Antenna:	6.6246 kW	
Antenna Make / Model:	Shively 6810-3-SS(0.5)-DA	
Number of Bays:	3	
Maximum Antenna Input Power Rating:	10 kW per bay	
Directional Antenna Power Gain (per manufacturer):	1.585	
System Effective Radiated Power (ERP):	10.5 kW	