

FLASH-CUT APPLICATION
RADIO PEACH, INC.
WPGA-LP LPTV STATION
CH 50 - 686-692 MHZ - 0.200 KW
MACON, GEORGIA
December 2009

EXHIBIT C

WPGA-LP LPTV Transmission System Calculations

Effective Radiated Power:	
Horizontal	0.20 kilowatt (maximum)
Antenna:	Andrew Corporation ALP-16L2-HSOC
Horizontal gain (maximum):	Power gain 28.20 (14.50 dB)
Transmission Line:	Andrew Corporation HJ7-50A
(570 feet)	1 5/8 inch air dielectric 47.3% efficiency
Required Transmitter Power Output To Reach Effective Radiated Power:	0.01499 kilowatt (14.99 watts)