

PURPOSE OF MINOR MODIFICATION OF A LICENSE APPLICATION

The purpose of this application is to correct the TPO, antenna gain and line loss. The initial license application used a TPO of 8.0 kW based on a line loss of 0.85 dB and a maximum antenna power gain of 8.45 dB; however, the correct TPO is 11.7 kW based on a line loss is 0.92 dB and a maximum antenna power gain of 6.87 dB as shown in the calculations screenshot below.

Summary			
Call Letters	WCIQ	12	
Frequency	207 MHz		
Antenna Type	THV-6A12/VP-R 04		
<u>Antenna</u>			
ERP: Peak Gain*	Hpol		Vpol
	46.0 kW	(16.63 dBk)	11.5 kW (10.61 dBk)
	4.86	(6.87 dB)	1.21 (0.85 dB)
Antenna Input Power		9.5 kW	(9.78 dBk)
<u>Transmission Line</u>			
Type	Rigid	Attenuation	(0.92 dB)
Size	3-1/8"	Efficiency	80.9%
Impedance	50 Ohm		
Length	630 ft (192.0 m)		
Elbows	0.2dB		
Transmitter Output		11.7 kW	(10.68 dBk)

CERTIFICATION

This technical statement was prepared by William T. Godfrey, Jr., Engineering Associate with the firm Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida, and has been working with the firm in the field of radio and television broadcast consulting since 1998. Mr. Godfrey was a graduate from the University of North Florida and a

Distinguished Military Graduate from the University of Florida. As a Professional in the field of Telecommunications he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.



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