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SBE Certified

In the matter of:
La Mision, Inc.

WWID-LP 0000124281

Transmitter Power Output (TPO) calculation

Due to a bug in LMS, the system is limiting TPO to 300 watts (3 times the ERP).

Based on my calculations in this specific case, I have determined that the transmitter output power should be **308 watts**.

TPO	308W	54.886 dBm
Line Loss*		1.0528 dBm
Polyphasor Loss		0.0500 dBm
Antenna Gain**		-3.7700 dBm
Equals ERP:	100W	50.013 dBm

* Feedline: LCF12-50J-P7 160' @ 0.658 dB loss per 100'

** Antenna: SWR FMEC 1 section -3.77 dB gain

I certify that this information is correct to the best of my knowledge.

/S/
Michelle Bradley
REC Networks

October 26, 2020