



**REC Networks / REC ネットワーク**  
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SBE Certified

In the matter of:

Electron Benders

KOKT-LP    BLL-20170920AAN

### Modification of license

Based on information provided to REC, Electron Benders, licensee of KOKT-LP, Tulsa, Oklahoma recently switched out transmission line from a lossy RG-58 quality feedline to LMR-400. Lossy cable is still used on a couple of short patches and multiple connectors and a polyphaser is being used.

A recalculation of the transmitter power output (TPO) was necessary in order for KOKT-LP to maintain its authorized 14 watts (0.014 kW) effective radiated power (ERP).

The calculation is as follows:

Transmitter Power Output	0.045 kW	46.532 dB
Line loss		0.988 dB
(80' @ 1.236/100')		
Overhead insertion loss		1.000 dB
includes patches, connectors, lightning arrestor		
Antenna gain		-3.000 dB
FMUSER CP-100 single bay (clone of Nicom BKG-77)		
Effective Radiated Power	0.014 kW	41.544 dB

This information is correct to the best of my knowledge.

/S/

Michelle Bradley, CBT  
REC Networks

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