

CPL-920D antenna coupler provides the matching as required between the antenna and the transmitter.

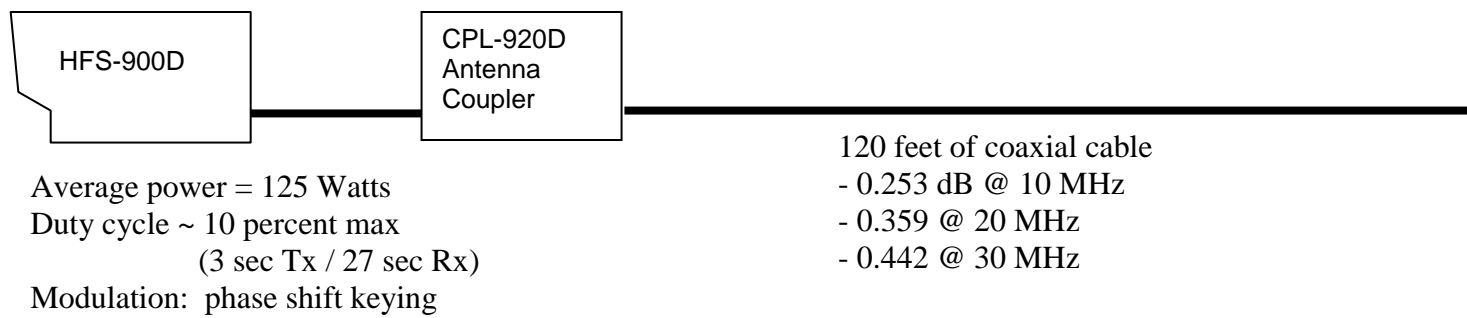
Transmitter output power = 125W = +20.969 dBW

System average ERP at 6.2 MHz  
 $+20.969 - 0.213 + 8 = +28.756$  dBW = 751 W ERP

System average ERP at 30 MHz  
 $+20.969 - 0.442 + 12 = +32.527$  dBW = 1,790 W ERP



US Antenna Products LP-1017  
Log Periodic Dipole Array  
8 dBi @ 6.2 MHz  
12 dBi @ 30 MHz  
Phase Center at 82 feet





Looking South toward HF Antenna on 80 foot tower



Looking West toward HF Antenna on 80 foot tower