For the 6425 to 7125 MHz band, the range of operating power is between 1.5 to 12Watts, with two selectable power output levels called “Low” and “High” and two operational modes called “Digital” and “Analog.” The following table outlines the respective power levels.

Mode	Nominal Power (Watts)	Minimum Power (Watts)
Analog High Power	11.0	9.0
Analog Low Power	2.0	1.5
Digital High Power	4.0	3.0
Digital Low Power	1.0	0.75

The maximum power rating of 12 Watts is requested for service in Part 74, Subpart F, Television Auxiliary Broadcast Stations, Section 74.636 under the heading Power Limitations.

16. DC Voltages applied to and DC currents into the final RF stages of the transmitter:

The maximum DC voltage and DC currents into the last two stages of the driver and final amplifier for the maximum output are outlined in the following table. For both the Digital and Analog modes of operation the bias conditions on the amplifier are identical therefore only “High” and “Low” power conditions are shown.

1990 MHz to 2550 MHz

Mode	Driver Stages	Final Stage
High Power	+10V@ 0.72A	+10V@ 4.0A
Low Power	+5V @ 0.45A	+5V @ 1.3A

6425 MHz to 7125 MHz

Mode	Driver Stages	Final Stage
High Power	+10V@ 0.72A	+10V@ 4.0A
Low Power	+5V @ 0.45A	+5V @ 1.3A

17. Transmitter Tune Up procedure.
The 2/7NCVT1-LE06-1A2FK requires no tune-up over its operating range.