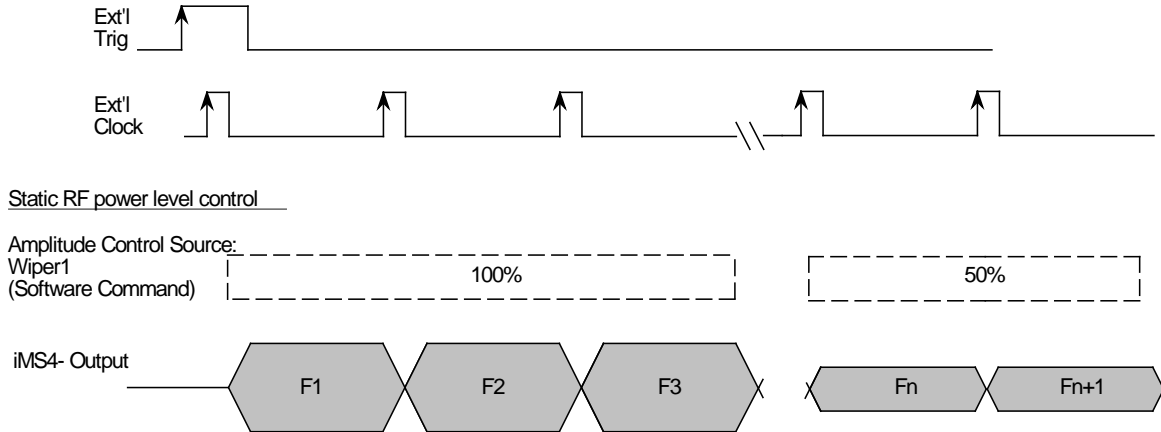


**Pulse Modulation of iMS4- outputs**

Typical application. The diagram below shows the iMS4- in Image mode. Wiper1 or Wiper2 software controls are applied to set the peak RF power level.



**Alternative**

This method can be used when short RF pulses are required, e.g. duty cycle the AOM RF drive power, synchronized to pulsed laser output.

In this case, external analog voltage(s) set the peak RF level and also used to modulate the output.

The control signal(s) are applied to iMS4 connector J8 , pins 10,11,12 and 13. One input per iMS4 output channel. These can be wired together. 10V fully On. 0V off

