FLIM measurements using the Lambert camera

Principle of the measurement

Setup

Turn on if they are off (but leave them on when you finish) the two synthesizer (the Marconi and the PTS).

Set the Marconi for a frequency of 59,999,999.6 Hz (all numbers are significant!). Set the PTS synthesizer at 60,000,000 Hz. The difference between the two frequencies should be 0.4Hz.

The power on the Marconi should be +11.6dBM and for the PTS the power knob should be fully clockwise (maximum).

Turn on the Olympus box, the laser power for the modulated laser and run the SDIAPP program.