TA 100

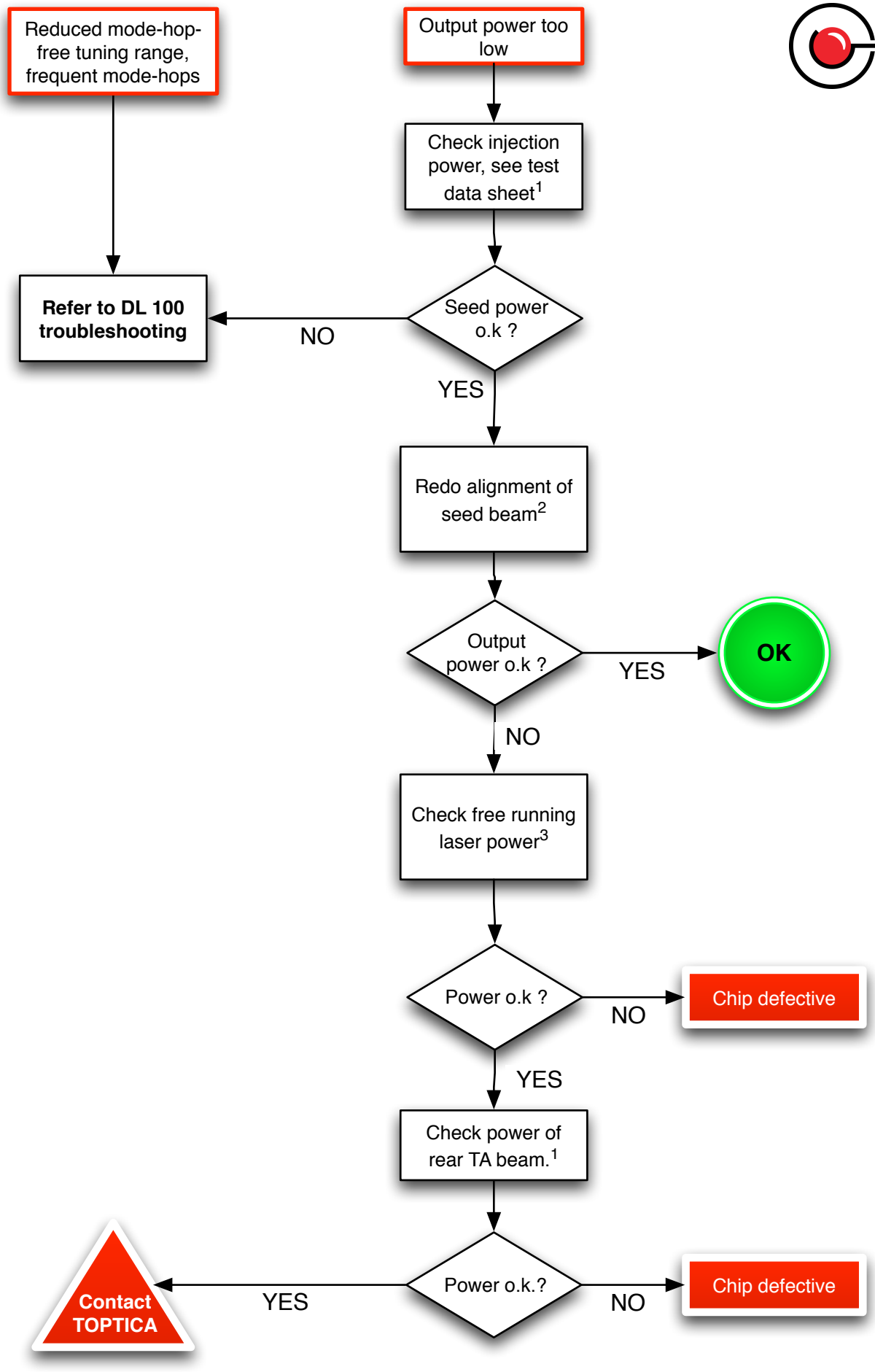
Troubleshooting guide

WARNING

This troubleshooting guide represents only a coarse outline of the steps necessary to get the laser system back to its specification. It does only complement, not replace the user manual.
Before taking any of the following steps the user must familiarize himself with the hazards involved when mainting a laser source. **READ AND FOLLOW THE SAFETY INSTRUCTIONS AND WARNINGS** in the user manual carefully before you proceed. TOPTICA cannot be held liable for injuries and / or damage caused by improper use of its lasers. If you feel unsure, please contact TOPTICA's service department first. Proceed at your own risk!

NOTE

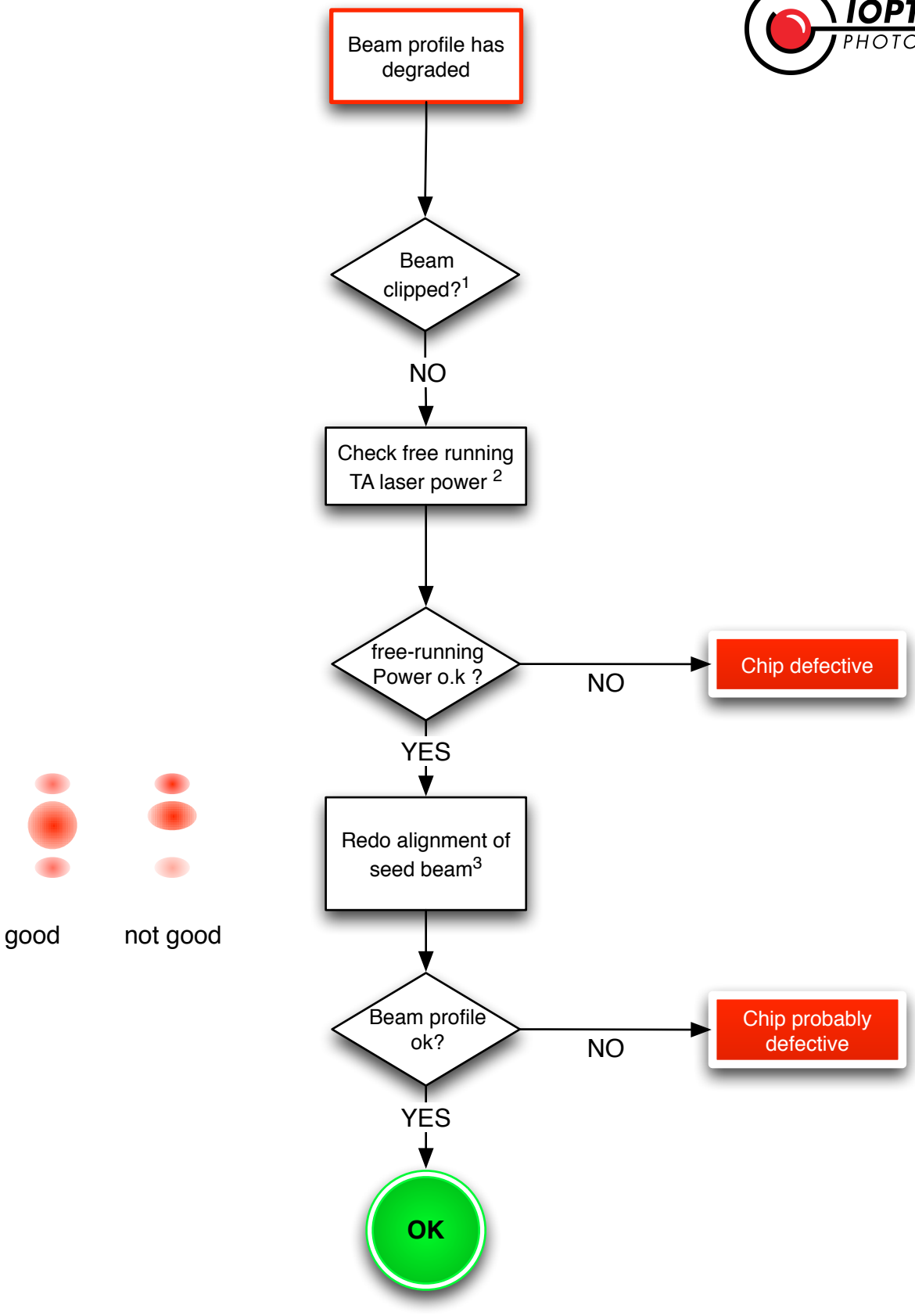
The references given in this guide are valid for the TA user manual, issue August 2007. Other (especially older) versions of the manual have a different structure or may not contain all the information. Please contact us if you wish to receive a printed copy of the most recent manual.



[1] see test data sheet. Power measured directly before TASK unit

[2] see TA manual, chapter 7.4.2, step 4.4

[3] block the seed beam . Please take into account that a 60 dB optical isolator absorbs about 20% of the power available directly at the chip. Compare with test data sheet



[1] e.g. internal optical isolator, shutter, external components

[2] block the seed beam . Please take into account that a 60 dB optical isolator absorbs about 20% of the power available directly at the chip. Compare with test data sheet

[3] see TA manual, chapter 7.4.2, step 4.4