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243K

Datasheet for 243K

Please read the starter kit user manual (at least installation section 4), if available, and have a look at the FAQ at <http://www.alpeslasers.ch/alfa.pdf>!

WARNING: Operating the laser with longer pulses, shorter period, or higher voltage or current than specified in this document may cause damage and will result in loss of warranty, unless agreed upon with Alpes Lasers!

Note: all data taken with 100ns pulses, varying duty cycle

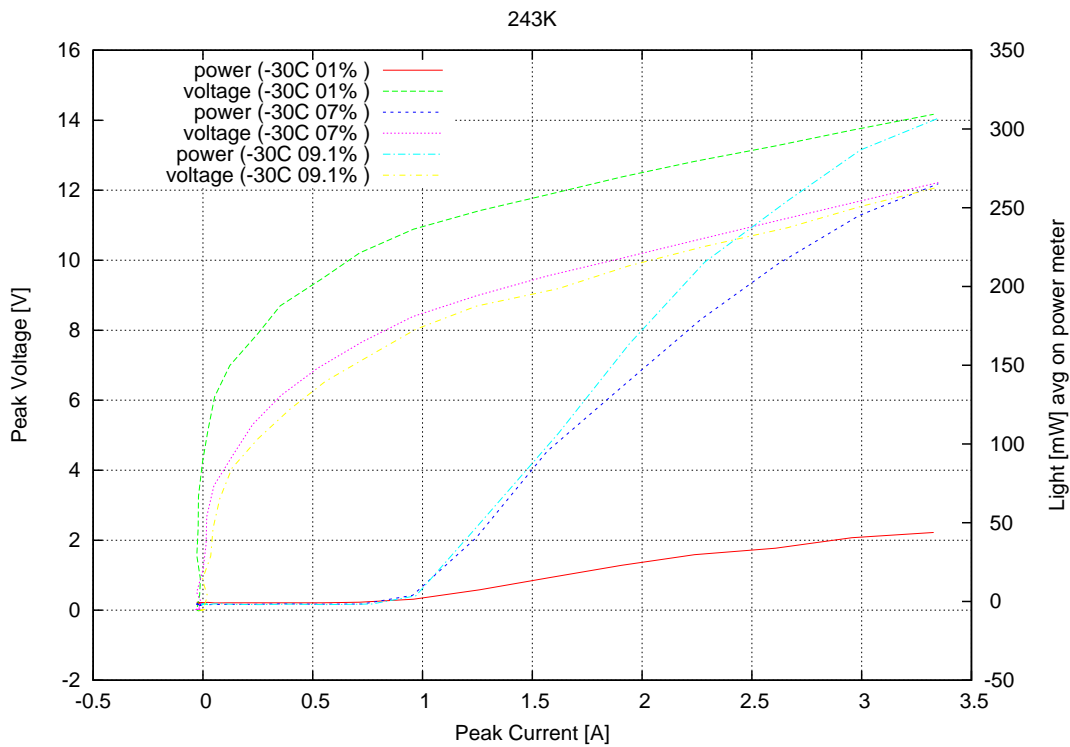


Figure 1: peak voltage and avg power vs peak current at -30C

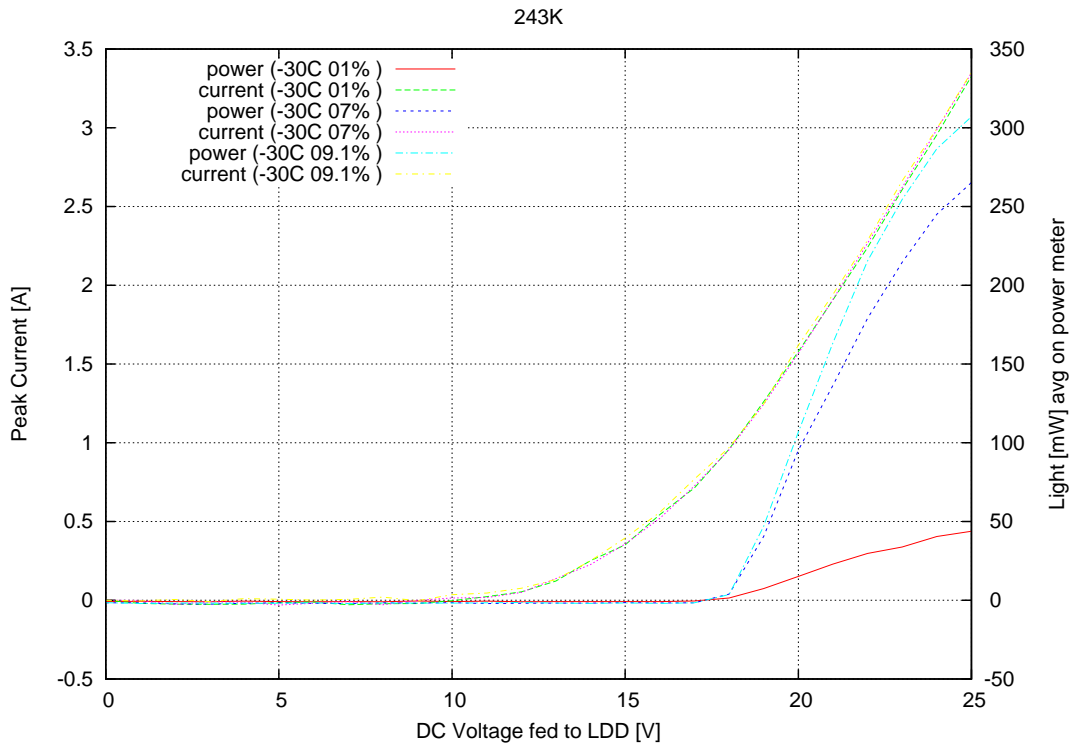


Figure 2: peak current and avg power vs LDD voltage at -30C

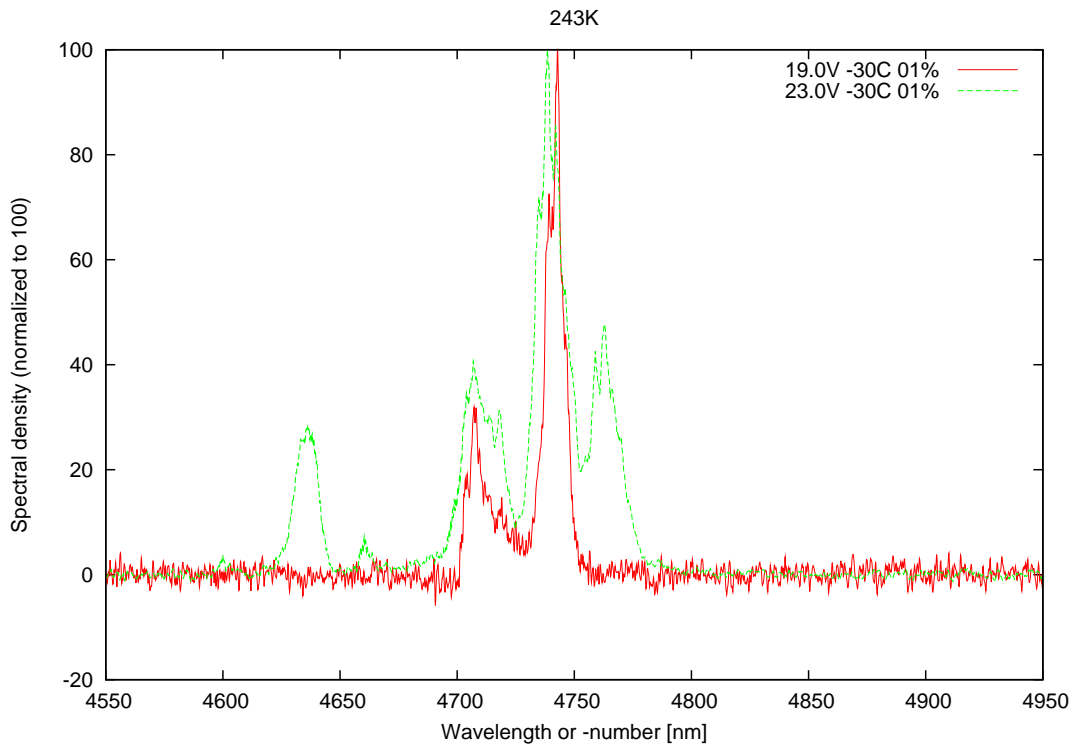


Figure 3: spectra at -30C at 1% dc at 19V and 23V on LDD (corresponding respectively to an output power of 7mW and 33mW)

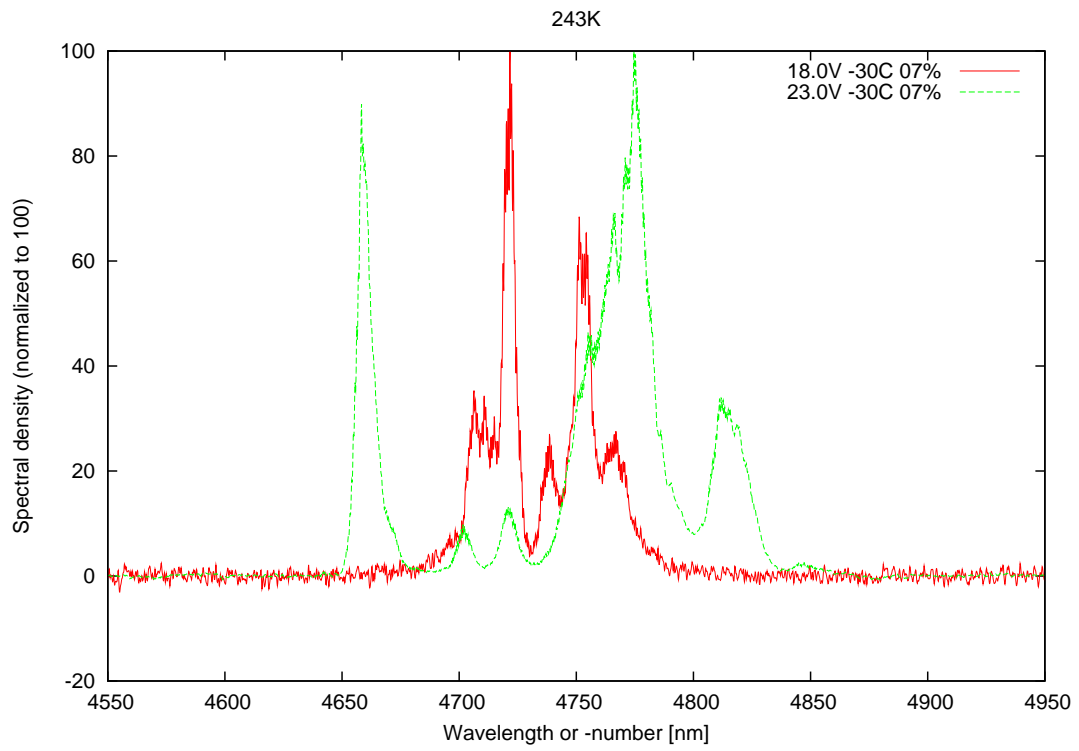


Figure 4: spectra at -30C at 7% dc at 18V and 23V on LDD (corresponding respectively to an output power of 4mW and 214mW)