

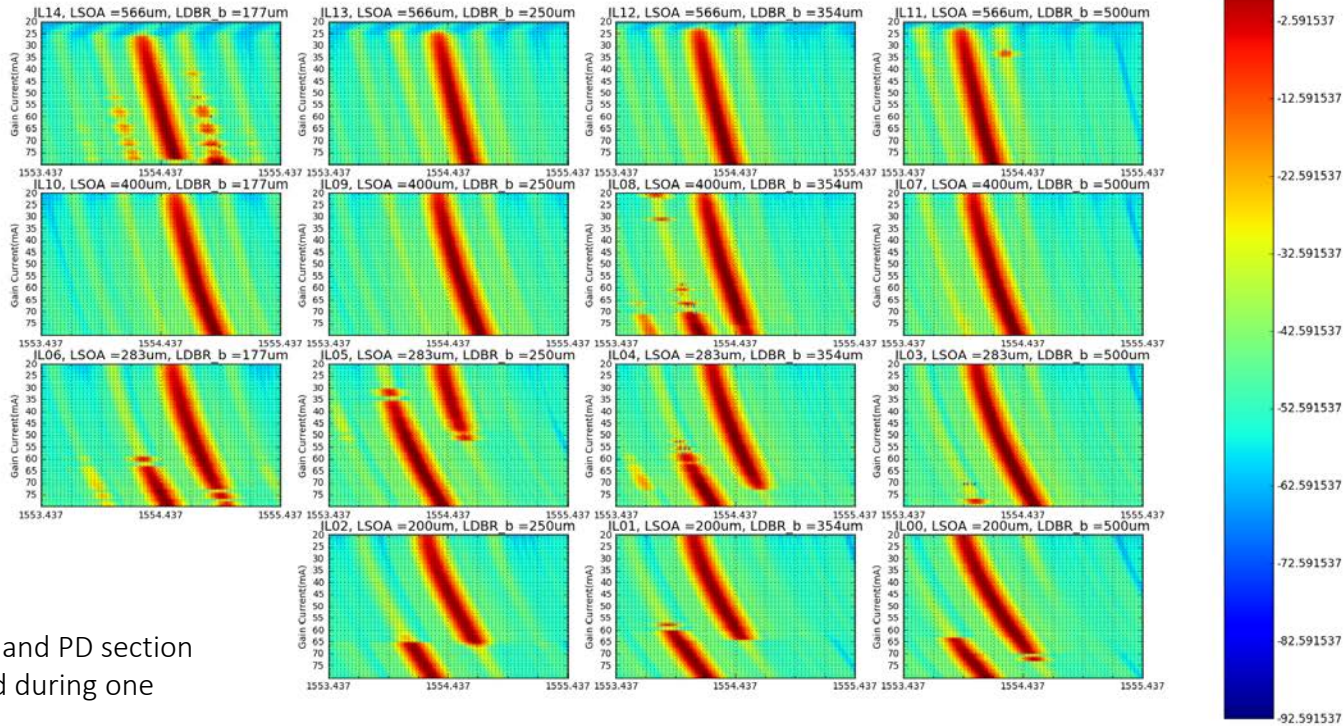


SP19 SPL135-4/5 DBR LASER SUMMARY

20-11-2017

SPECTRAL MEASUREMENTS (SPL135-4_14G7B)

HRS results of SPL135-4_14G7B, when DBR and PD are short circuited



Both DBR section and PD section are short circuited during one measurement.

KAPPA EVALUATION

- k_{Piet} : extracted from lasing threshold and slope efficiency data (by Piet)
- k_{FFT} : extracted from spectral measurements (time-domain filtering)
- $kappa_A$: extracted from threshold data of cell type A (by Saeed)
- $kappa_B$: extracted from threshold data of cell type B (cleaved facet reflectivity set to 4.5dB as reference, agreed with SP19 FP data)

