

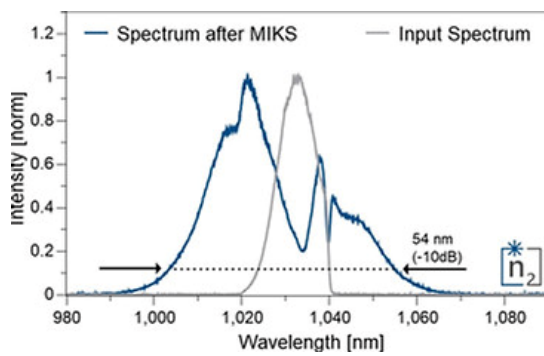
MIKS1_S @ Carbide (Light Conversion)

Here we show the performance of our MIKS1_S module driven by Carbide laser. A peak power increase by a factor of 4 could be achieved with an efficiency of over 98%. The self-phase modulated spectrum and the pulse compression are shown in the graphs below.

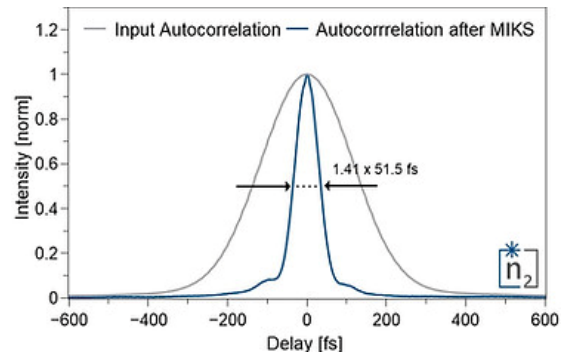
Input Carbide: 200 fs, 15 μ J, 6 W

Output MIKS1_S: 52 fs, 14.7 μ J, 5.9 W

Input spectrum vs.
output spectrum



Input autocorrelation vs.
output autocorrelation



Output beam profile

