International Journal of ChemTechResearch
CODEN(USA): IJCRGG, ISSN: 0974-4290, ISSN(Online):2455-9555
Vol.10 No.1 pp491-495,2017

Green Laser propagation in a turbulent water

Jassim Mohammed Jassim, NoorShalah, RiyedNaje. Ali

University of Babylon –Science for women – Laser Physics, IRAQ

Abstract: In thiswork the effects of water turbulences on the propagation of a collimated green laser beam as intensity fluctuation and the beamquality , has beamstudiedsincethesecharacterizes have are very important in the field of the under water laser communications links. The effects of the temperature and the flow rate have beamstudiedexperimentally. The results show that the temperature and flow rate of water isaffected on the intensity, breading and wandering of the laser beam.
Key words : turbulent water, green laser, intensity, beamquality.

Jassim Mohammed Jassim *et al*/International Journal of ChemTechResearch**,** 2017,10(1): 491-495.

*****