Dr Francesca Parmigiani

Optoelectronics Research Centre

University of Southampton

SO171BJ

Email: frp@orc.soton.ac.uk

The data for the corresponding figures of the paper: F. Parmigiani et al., “MIMO-less Space Division Multiplexing Transmission over 1 km Elliptical Core Few Mode Fiber”, CLEO US 2017, are given in the attachment.

The first page of excel reports the data for the inset of Figure 1 (the main figure is a set-up figure and for this reason no information is uploaded), reporting the impulse responses data with selective mode excitation of the LP11a, LP01, and LP11b modes, respectively, in the EC-FMF using a time of flight measurement set-up.

The second and last page of the excel reports the bit error ratio (BER) data for LP01 (a), LP11a (b), and LP11b (c) modes, respectively, with and without the other spatial mode on. Back-to back curves are included for references.