7□ □ □ □ O□ Q□ □ FDOF□ OD□ □ □ Q□ 6□ □ D□ □ □ FDOF□ OD

(a)

1e7

PSD of M_Y^{BR} (kNm^2Hz^{-1})

QBlade 0° yaw
QBlade 8° yaw
OpenFAST 0° yaw
OpenFAST 8° yaw

(b)

1e7

QB 0° yaw, shear
QB 8° yaw, no shear
OF 0° yaw, shear
OF 8° yaw, no shear

(c)

1e8

PSD of M_Y^{BR} (kNm^2Hz^{-1})

(d)

1e8

(e)

1e9

PSD of M_Y^{BR} (kNm^2Hz^{-1})

(f)

1e9

1□ □ P□ □ □ □ □ T□ □ □ □ □

1□ □ P□ □ □ □ □ T□ □ □ □ □