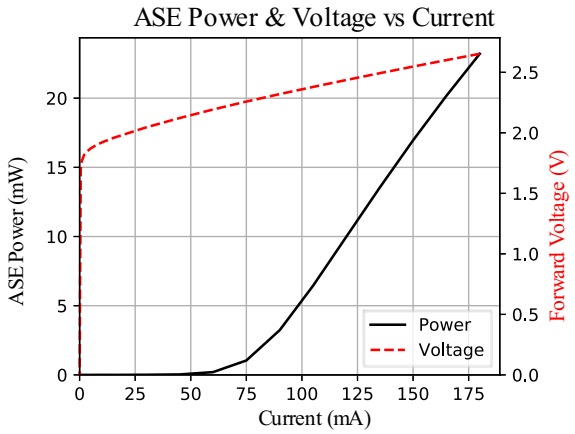
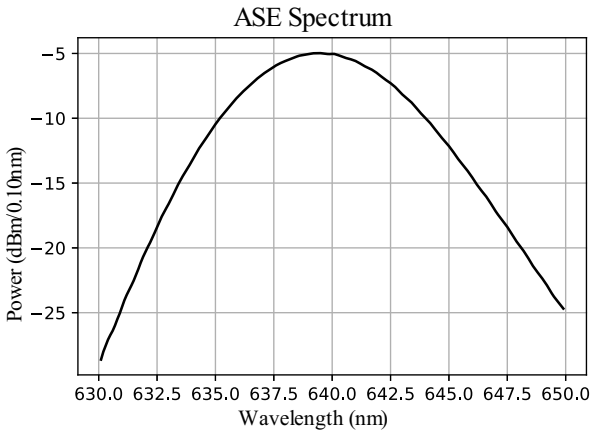
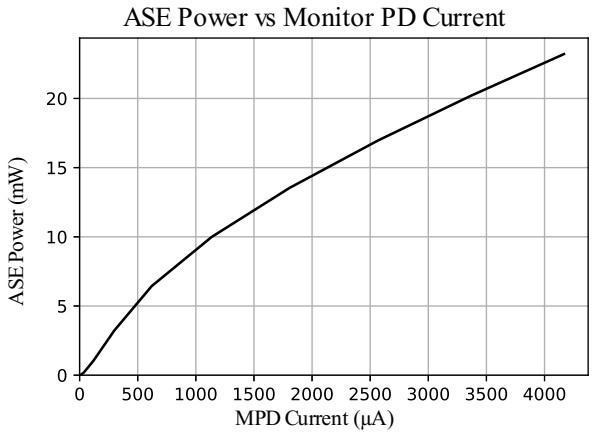
Typical Performance

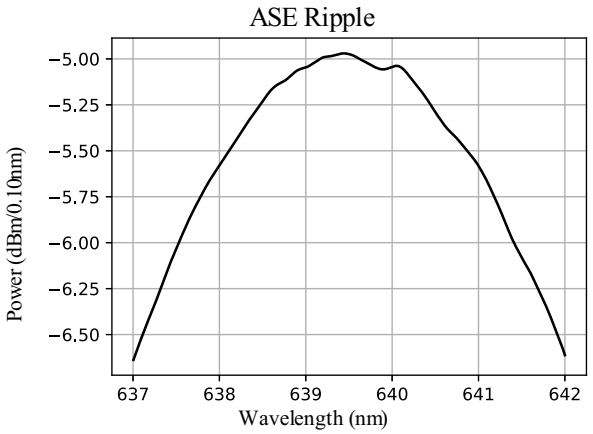
EXS210158-02

(EXS0638-007-15-020M130)









Max Power:	23.21 mW	Date/Time:	13.10.2025 17:21
Mean WL:	639.7 nm	T_{device}, T_{case}:	25.0 °C, 25.1 °C
3dB Center WL:	639.5 nm	I_{TEC}, V_{TEC}:	0.20 A, 0.32 V
3dB BW:	6.8 nm	I_{op}:	180.0 mA (@ 2.65 V)
10dB Center WL:	639.8 nm		
10dB BW:	12.7 nm		
ASE Ripple:	0.00 dB		
MPD Current @ I_{op}:	4167 µA		
PER @ I_{op}:	21.6 dB (-0.7°)		

Spectral ripple is intrinsic to the chip and not applying to any slow period ripple induced by polarization misalignment in the fibre.