

**TEST DATA**

**808nm, 400 $\mu$ m, Conduction-Cooled Single Bar,  
Fiber-Coupled Module**

M1F4S22-808.3-30C-SS2.1

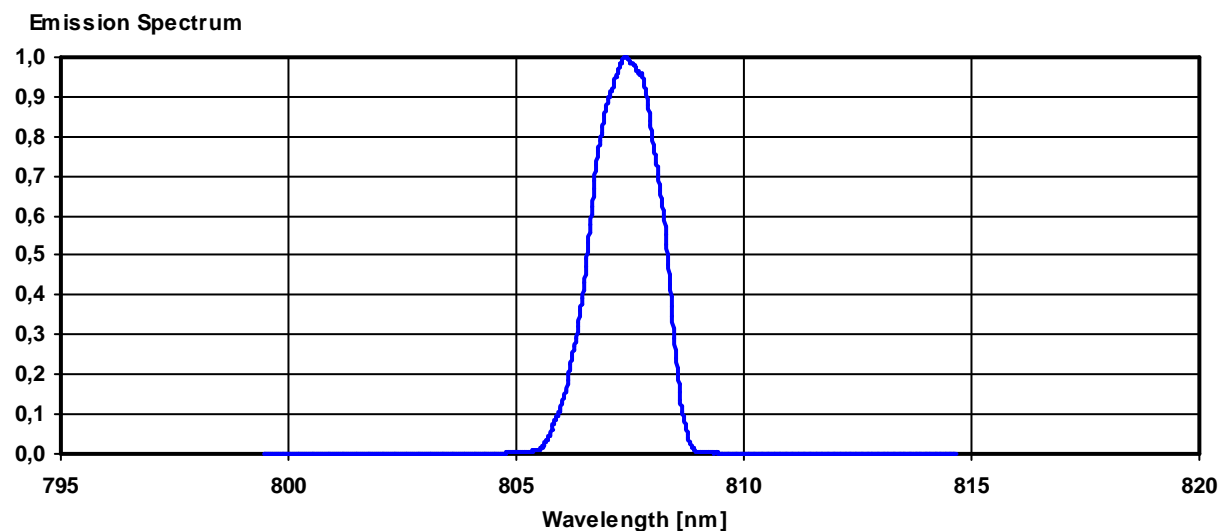
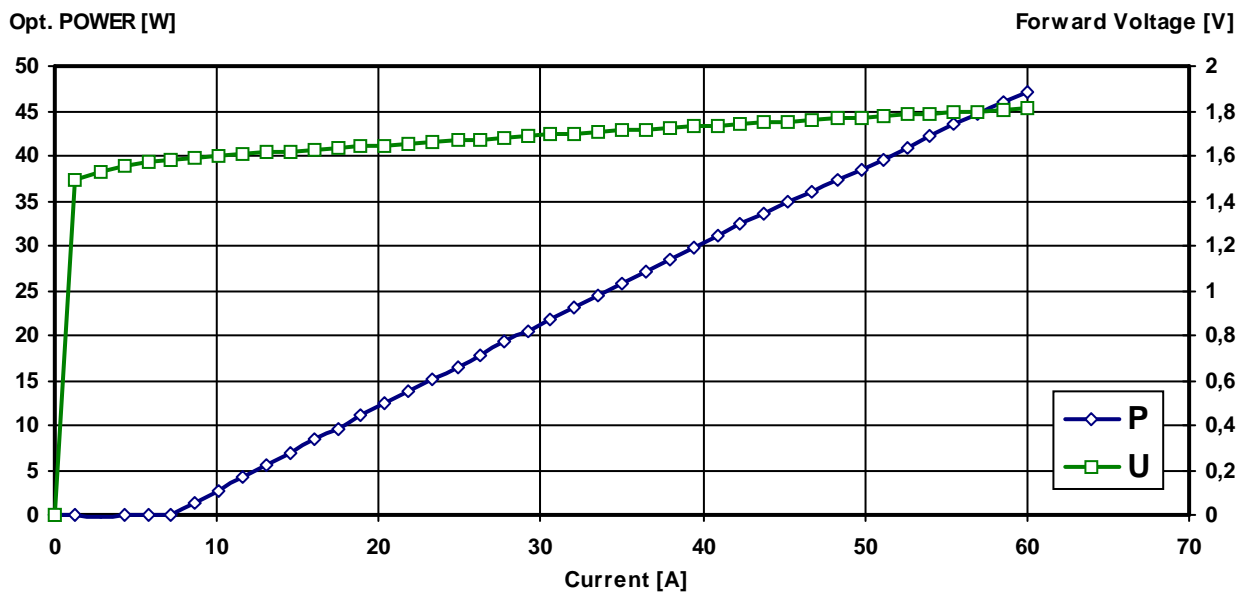
M1F4S22-808.3-40C-SS2.1

M1F4S22-808.3-50C-SS2.1

M1F4S22-808.5-100Q-SS2.1

**M1F4S22-808.3-30C-SS2.1**

P ( 45 A)	34,6 W	Wavelength (FWHM)	807,4 nm
I ( 30,0 W)	39,8 A	Line width	1,8 nm
Threshold	7,3 A	Temperature	25,0 °C
Slope	0,97 W/A	Current	39,6 A
Overall efficiency	43,5 %	Fasertemperatur	38,5 °C
UF	1,73 V		
UE	1,58 V		
Rs	3,8 mOhm		



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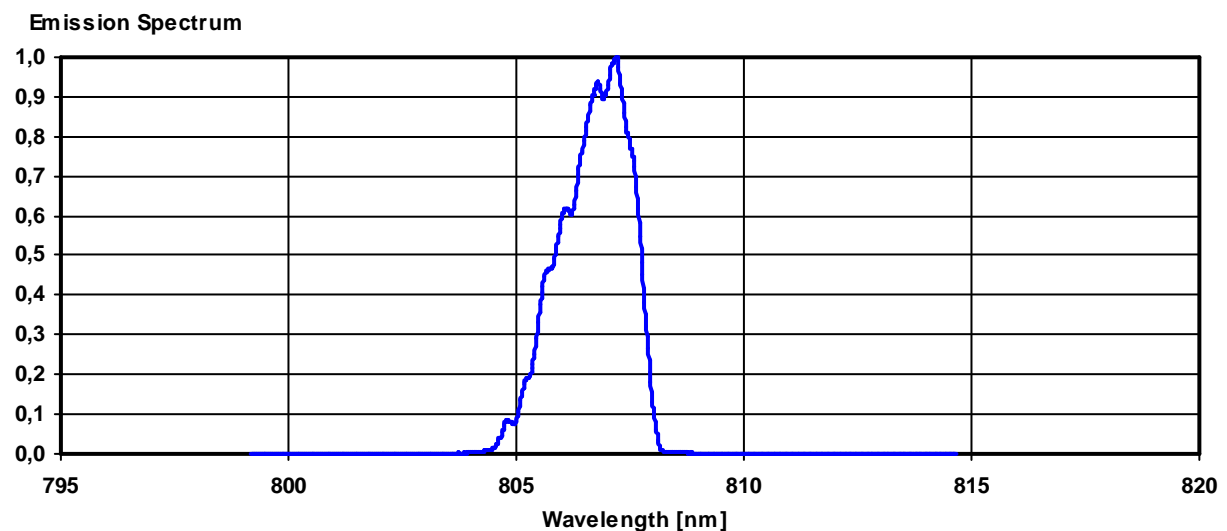
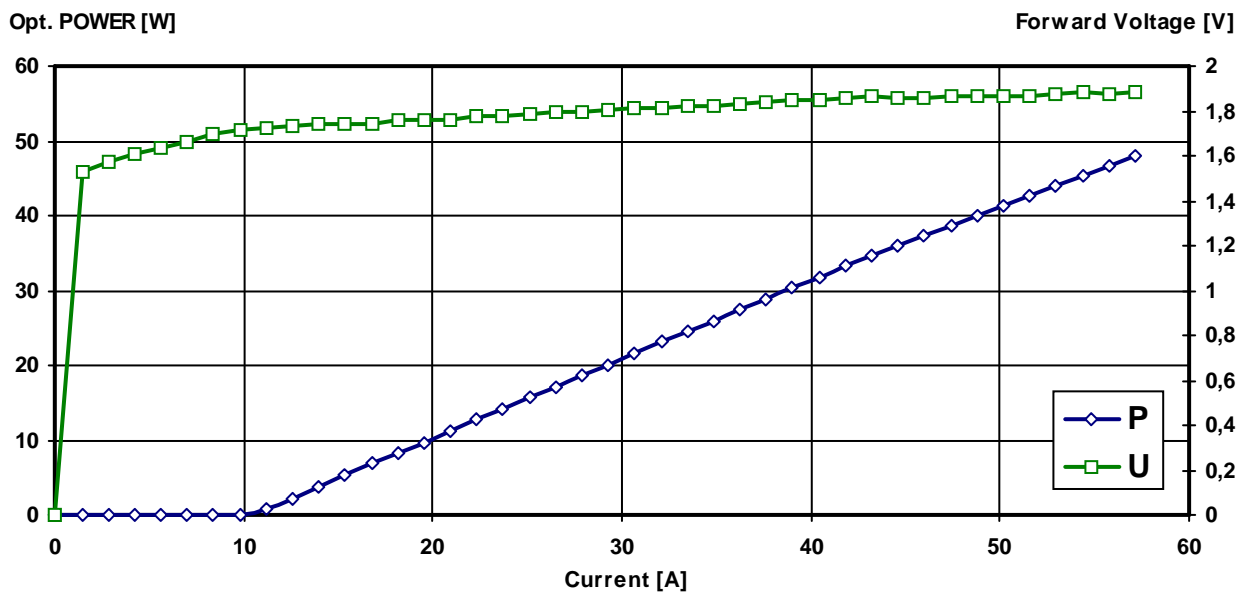
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**M1F4S22-808.3-40C-SS2.1**

P ( 55 A)	46,0 W	Wavelength (FWHM)	806,8 nm
I ( 40,0 W)	48,8 A	Line width	1,9 nm
Threshold	10,7 A	Temperature	25,1 °C
Slope	1,12 W/A	Current	48,9 A
Overall efficiency	44,0 %	Fasertemperatur	42,1 °C
UF	1,87 V		
UE	1,76 V		
Rs	2,3 mOhm		



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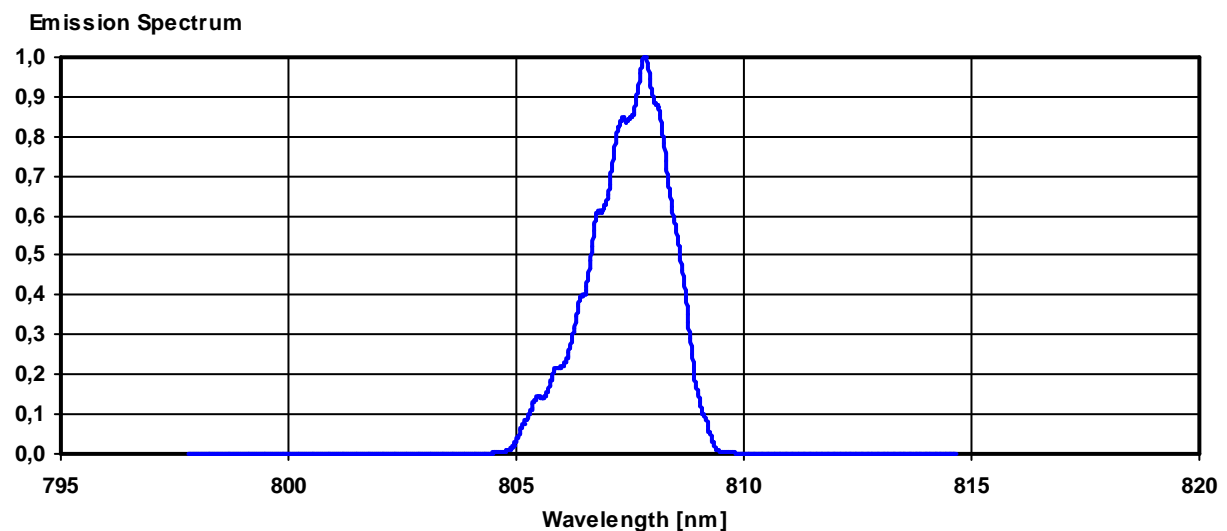
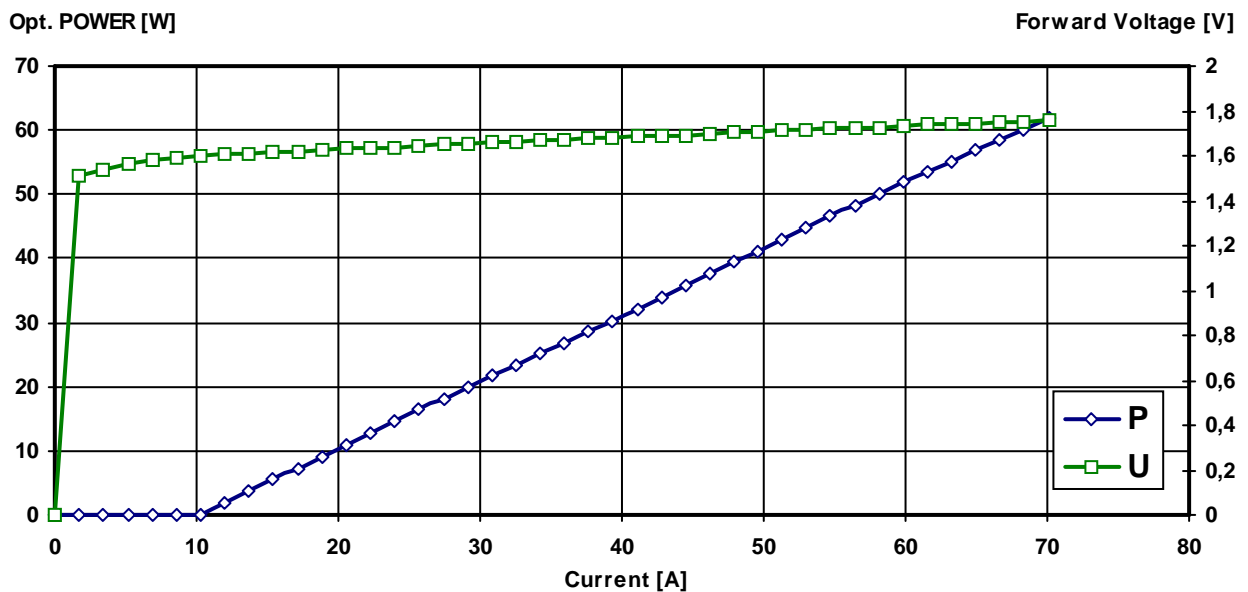
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**M1F4S22-808.3-50C-SS2.1**

P ( 65 A)	56,9 W	Wavelength (FWHM)	807,6 nm
I ( 50,0 W)	58,3 A	Line width	2,0 nm
Threshold	10,3 A	Temperature	24,9 °C
Slope	1,06 W/A	Current	58,2 A
Overall efficiency	49,6 %	Fasertemperatur	34,1 °C
UF	1,73 V		
UE	1,61 V		
Rs	2,1 mOhm		



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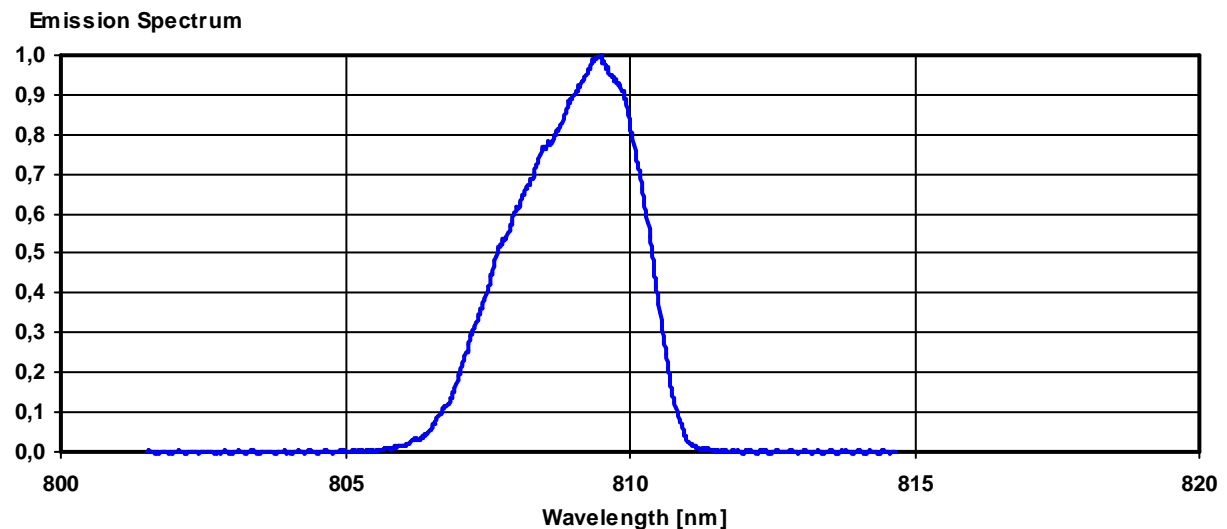
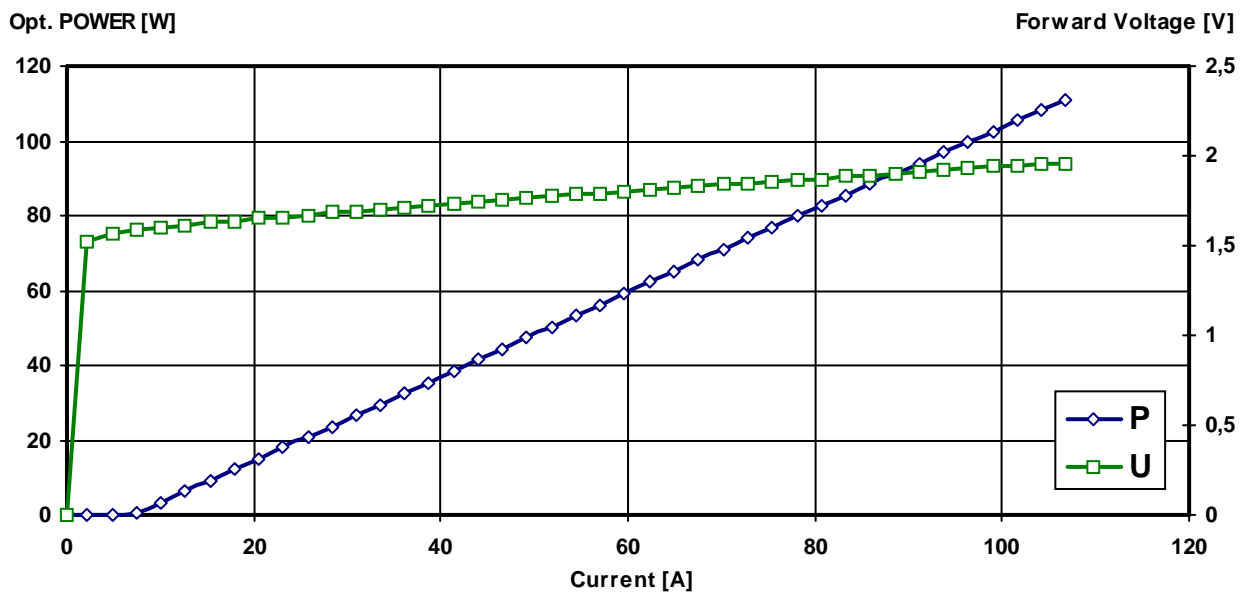
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# M1F4S22-808.5-100Q-SS2.1

P ( 105 A)	109,1 W	Wavelength (FWHM)	809,0 nm
I ( 100,0 W)	96,6 A	Line width	2,7 nm
Threshold	7,6 A	Temperature	25,0 °C
Slope	1,16 W/A	Current	96,4 A
Overall efficiency	53,7 %	DutyCycle	7,500 %
UF	1,93 V	Frequency	150,0 Hz
UE	1,61 V	Fasertemperatur	38 °C
Rs	3,3 mOhm		



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