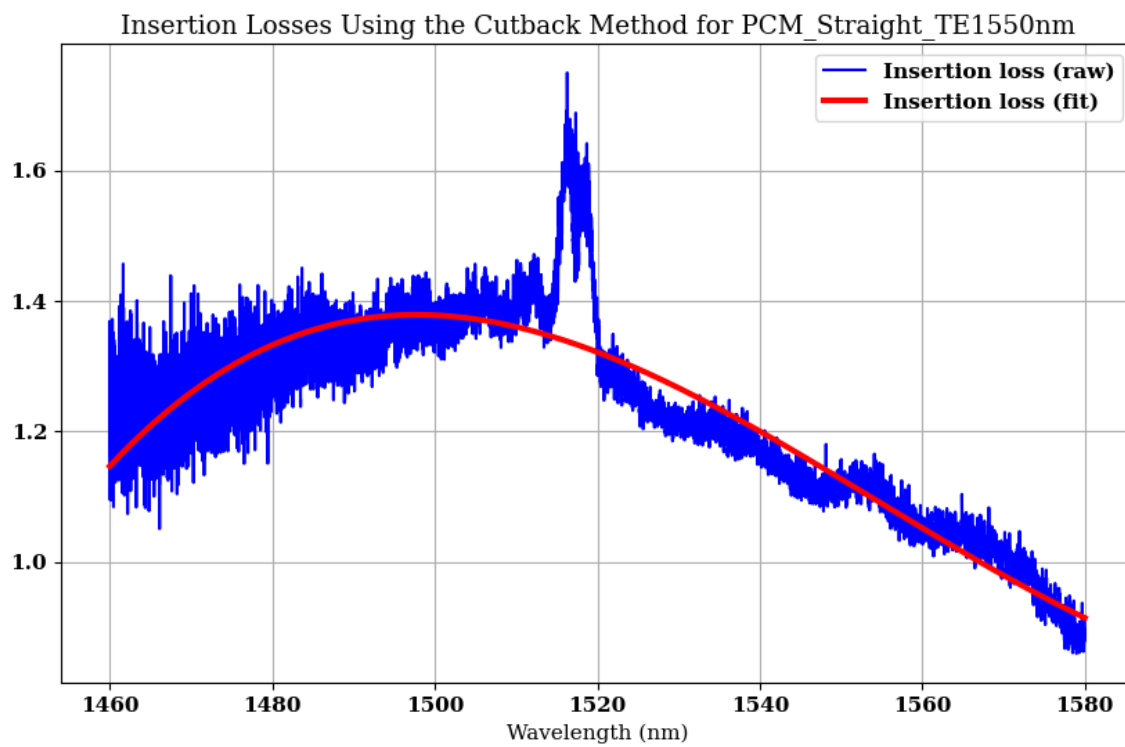
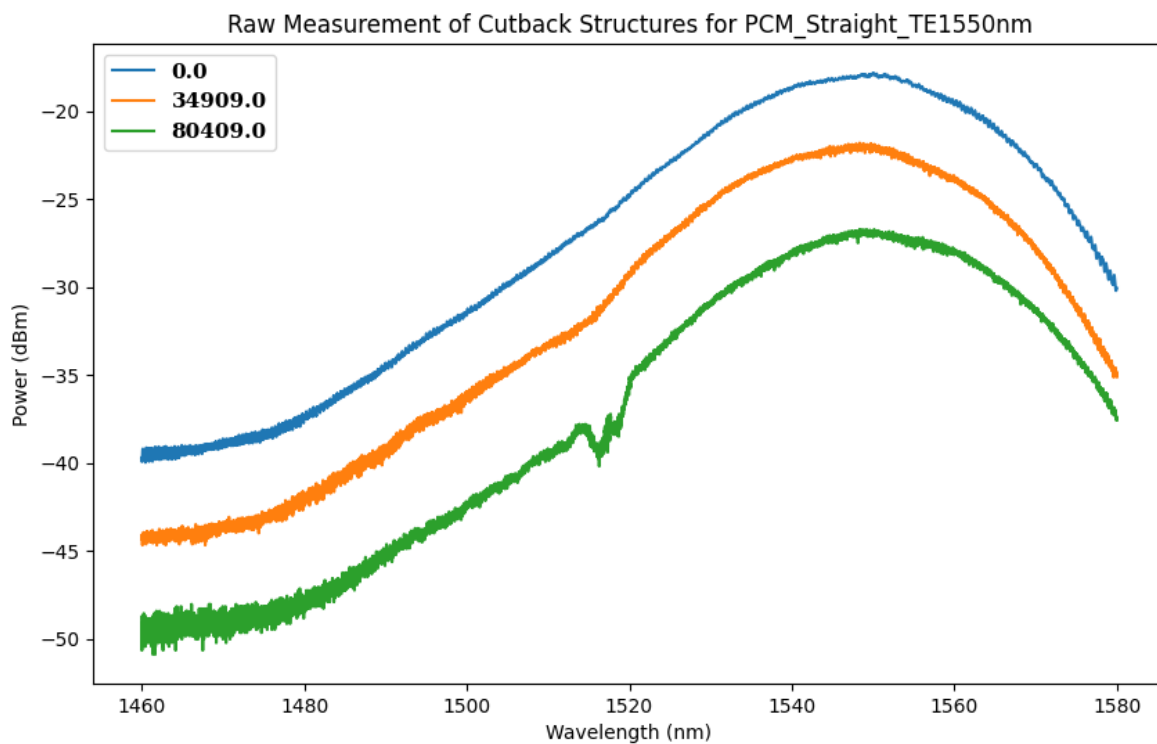


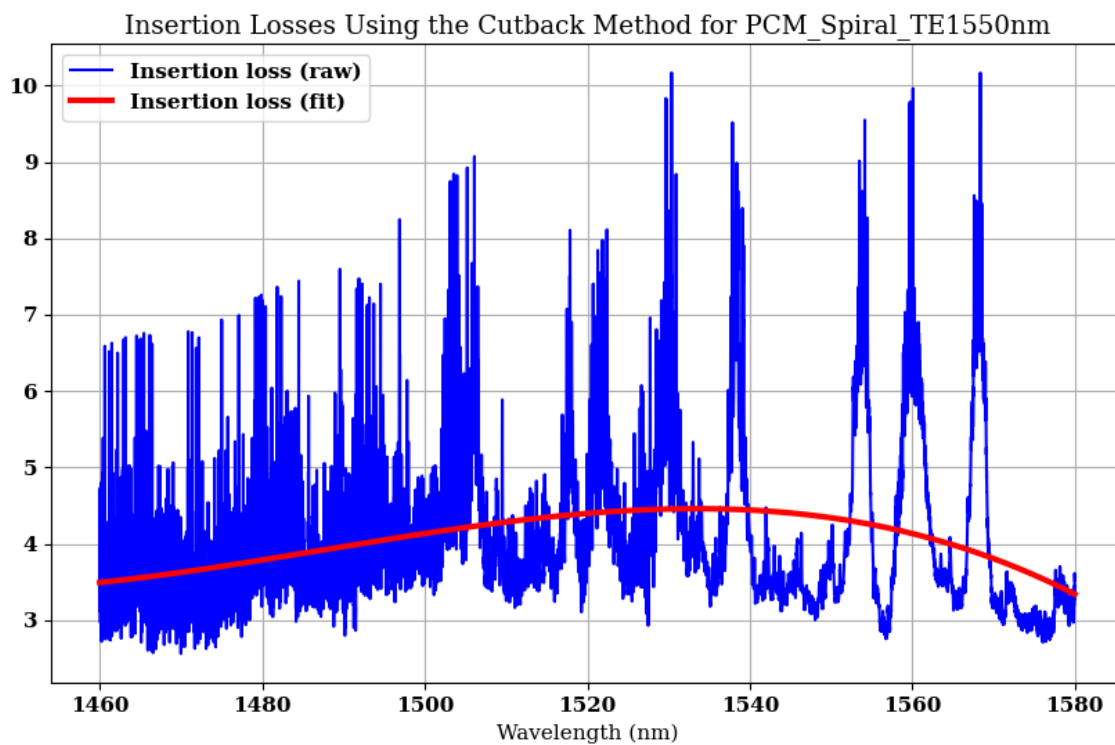
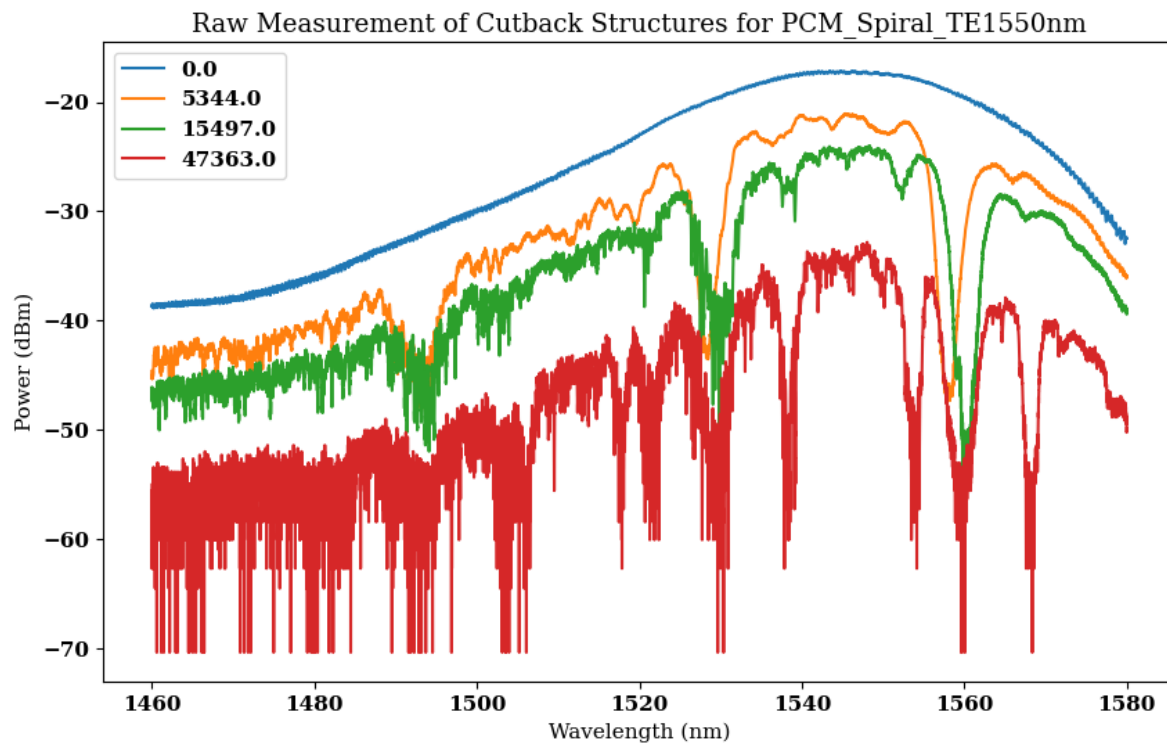
Analysis Report of EdX_May_2023_1550TE chip

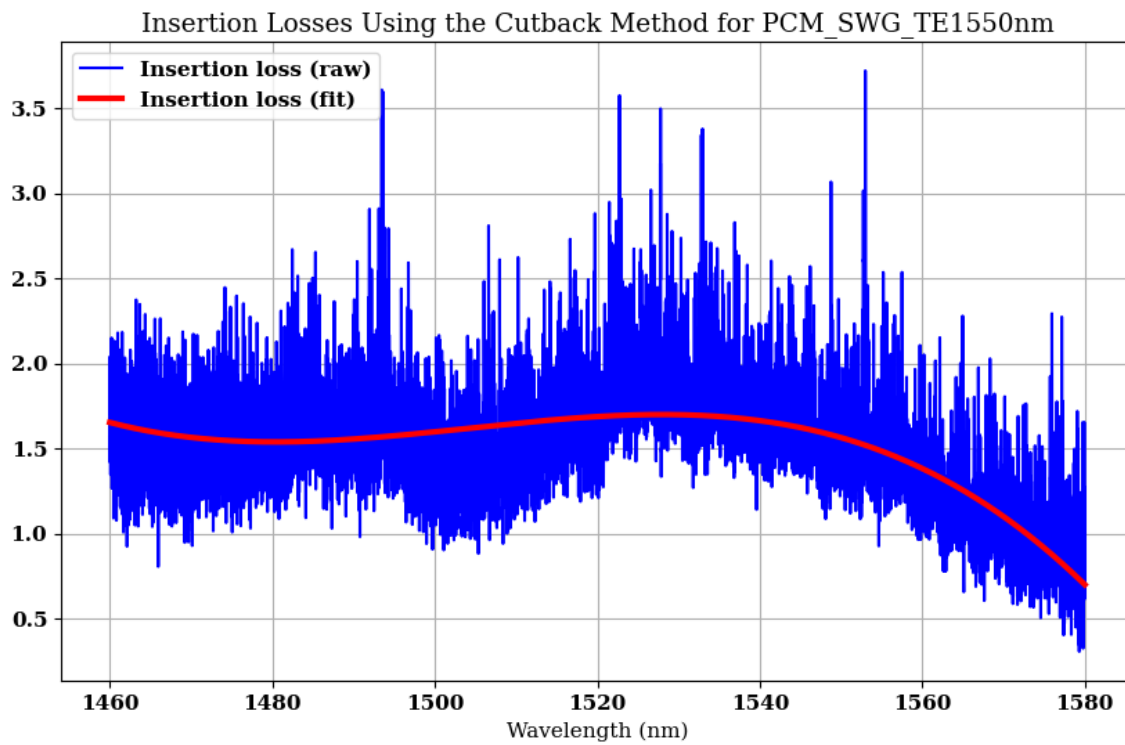
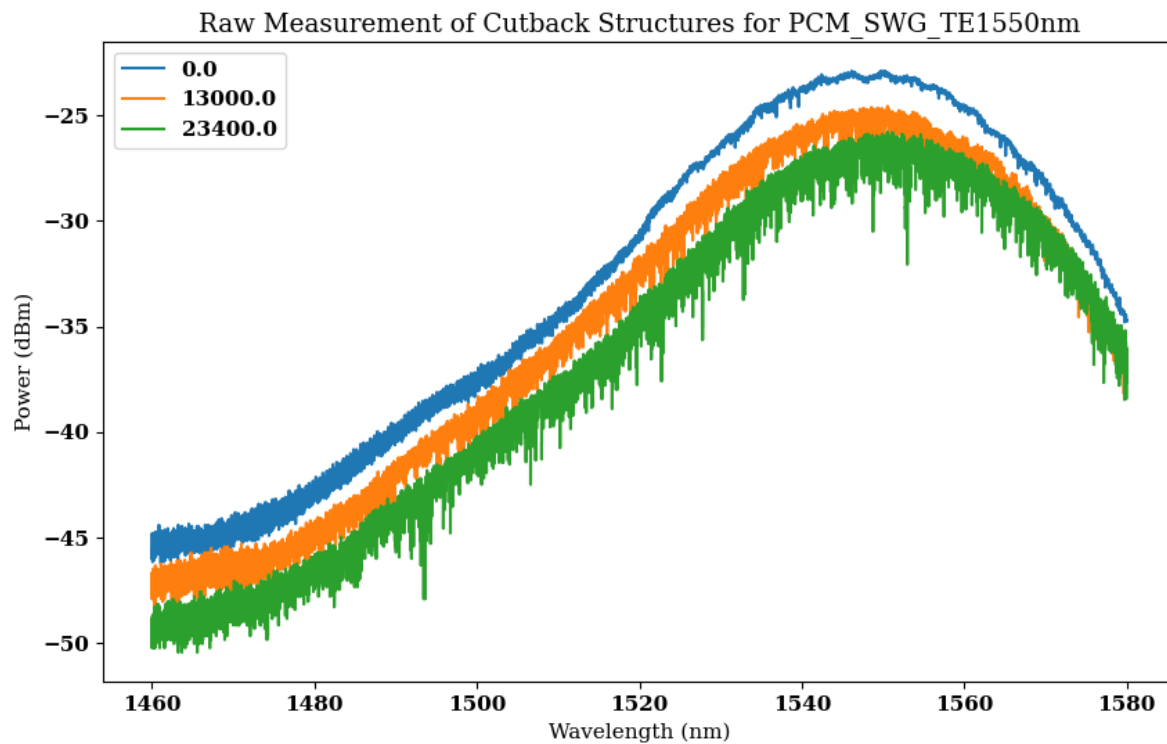
Measurement date: 2023-08-28

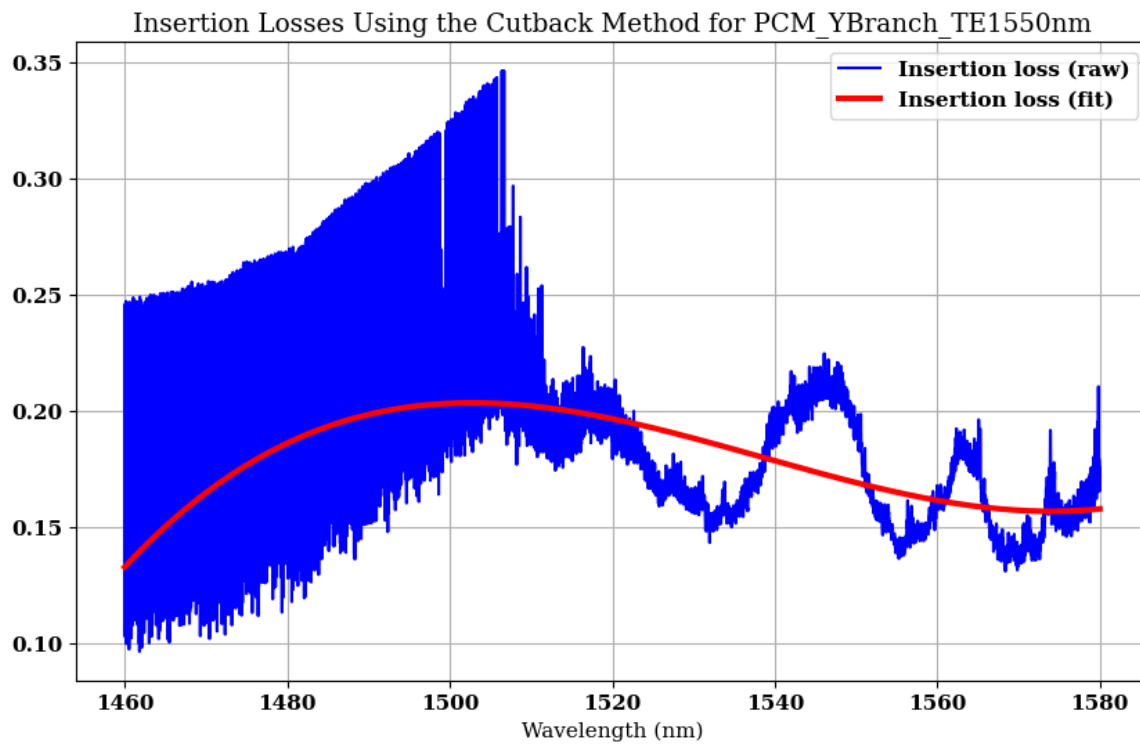
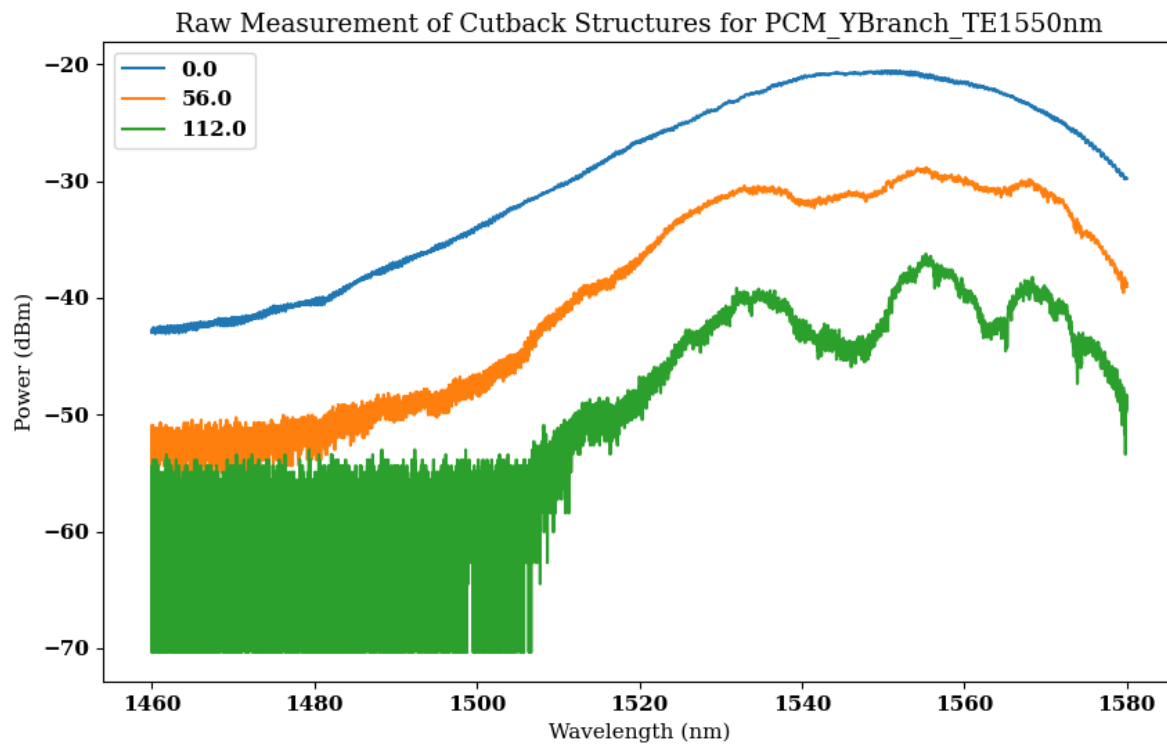
Process: ANT

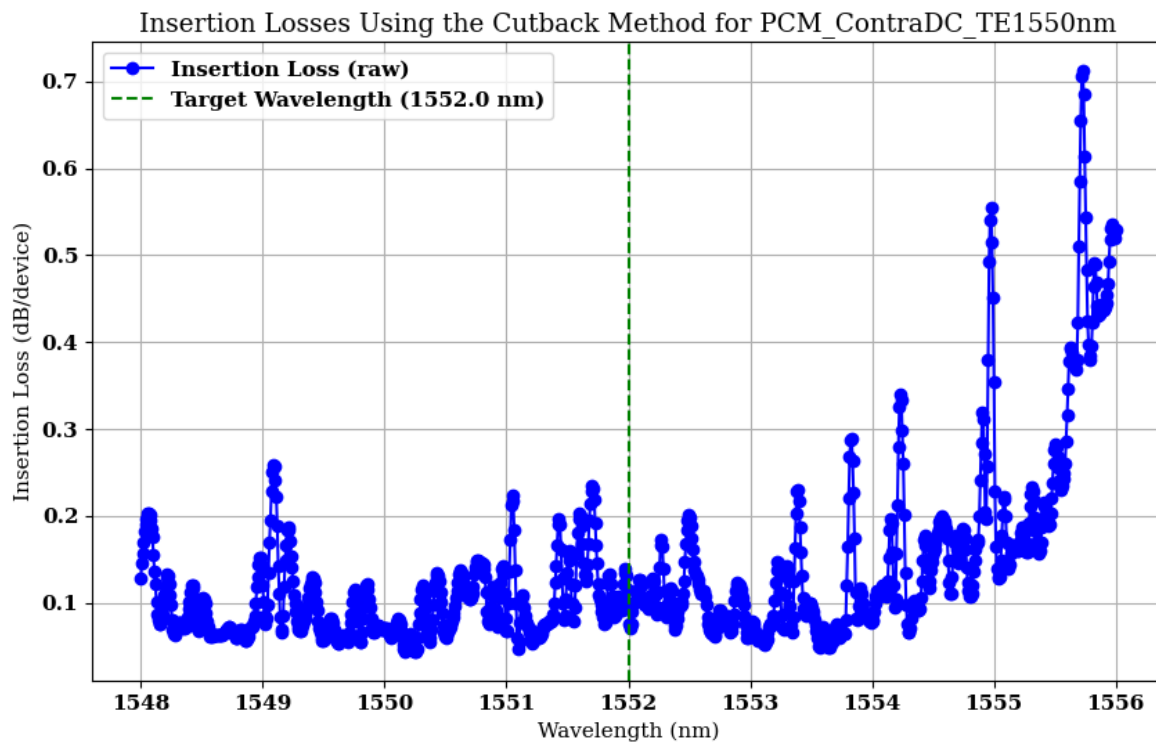
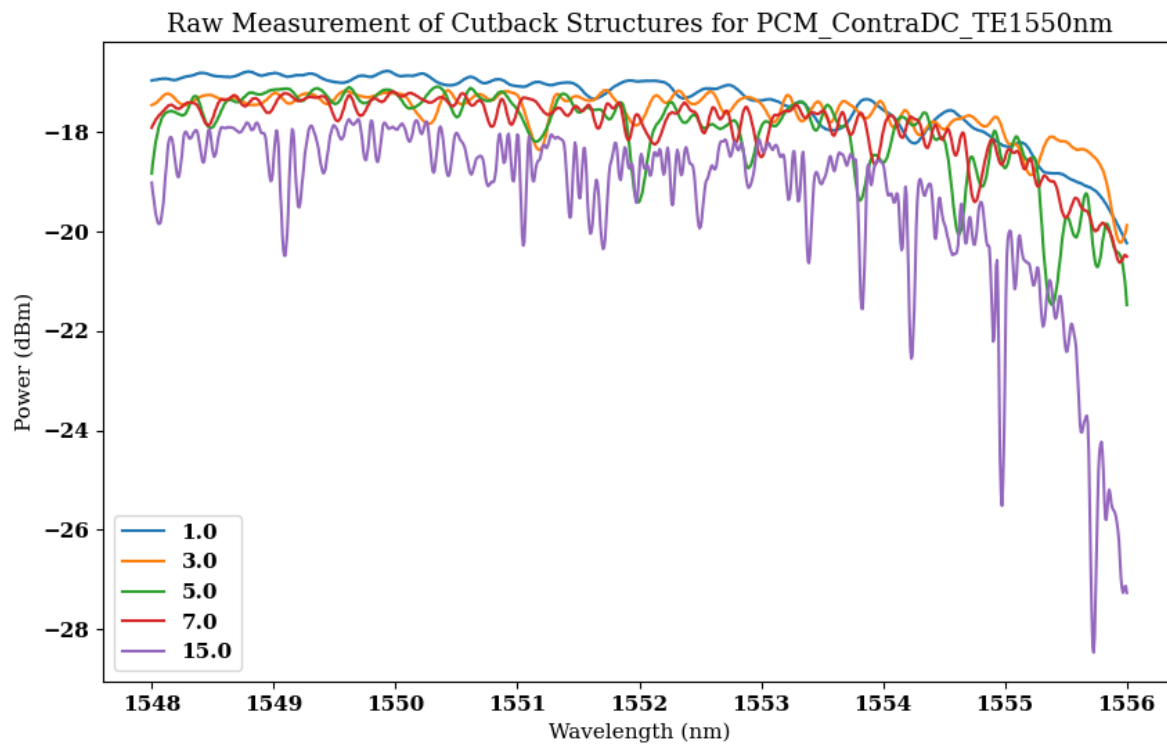
Name	Wavelength	Polarization	Data	Error	Analysis
PCM_Straight	1550nm	TE	1.13	0.0	Insertion Loss (dB/cm)
PCM_Spiral	1550nm	TE	4.34	0.65	Insertion Loss (dB/cm)
PCM_SWG	1550nm	TE	1.56	0.22	Insertion Loss (dB/cm)
PCM_YBranch	1550nm	TE	0.17	0.03	Insertion Loss (dB/device)
PCM_ContraDC	1550nm	TE	0.09	0.03	Insertion Loss (dB/device)
PCM_Bragg_Period	1550nm	TE	-4.72	N/A	Bragg Drift (nm)
PCM_Bragg_dW	1550nm	TE	N/A	N/A	Bragg Drift (nm)
PCM_GIndex	1550nm	TE	4.15	0.09	Group Index



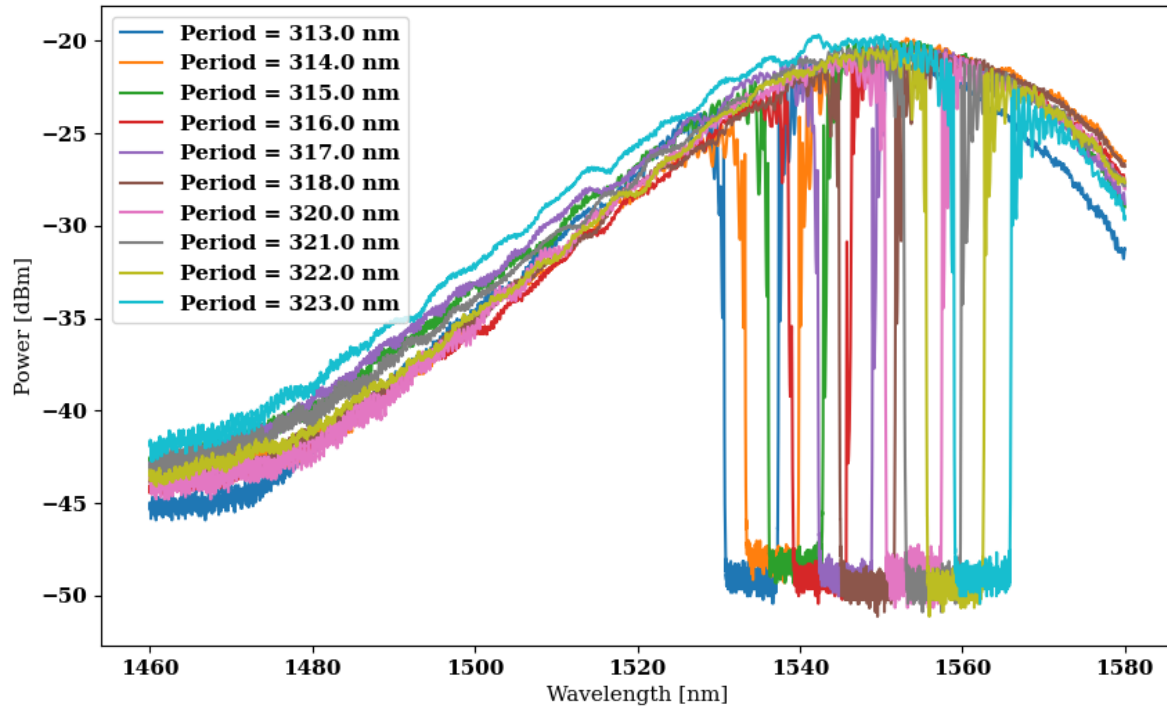




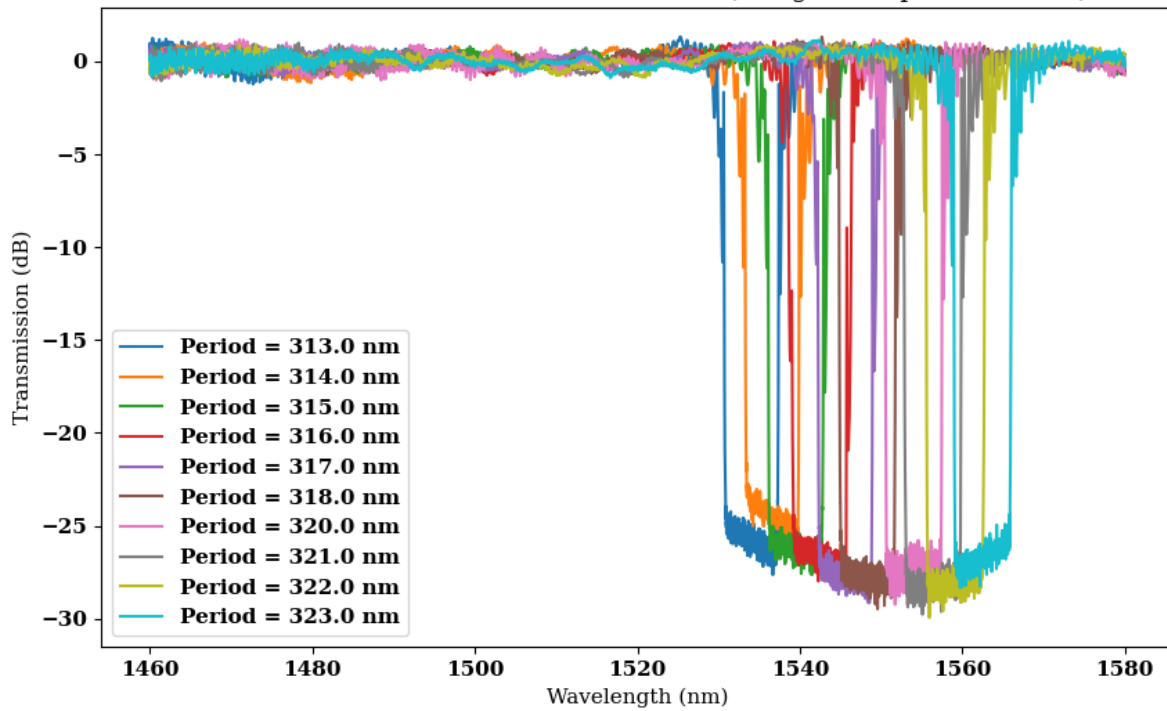


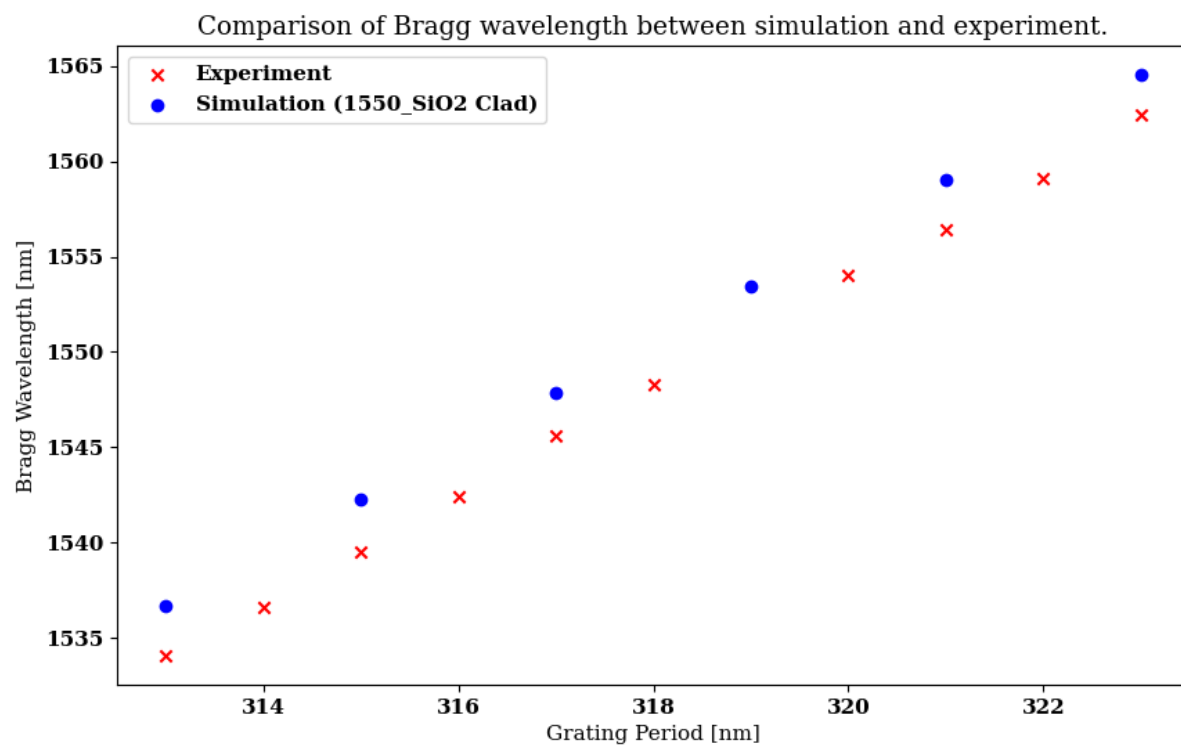
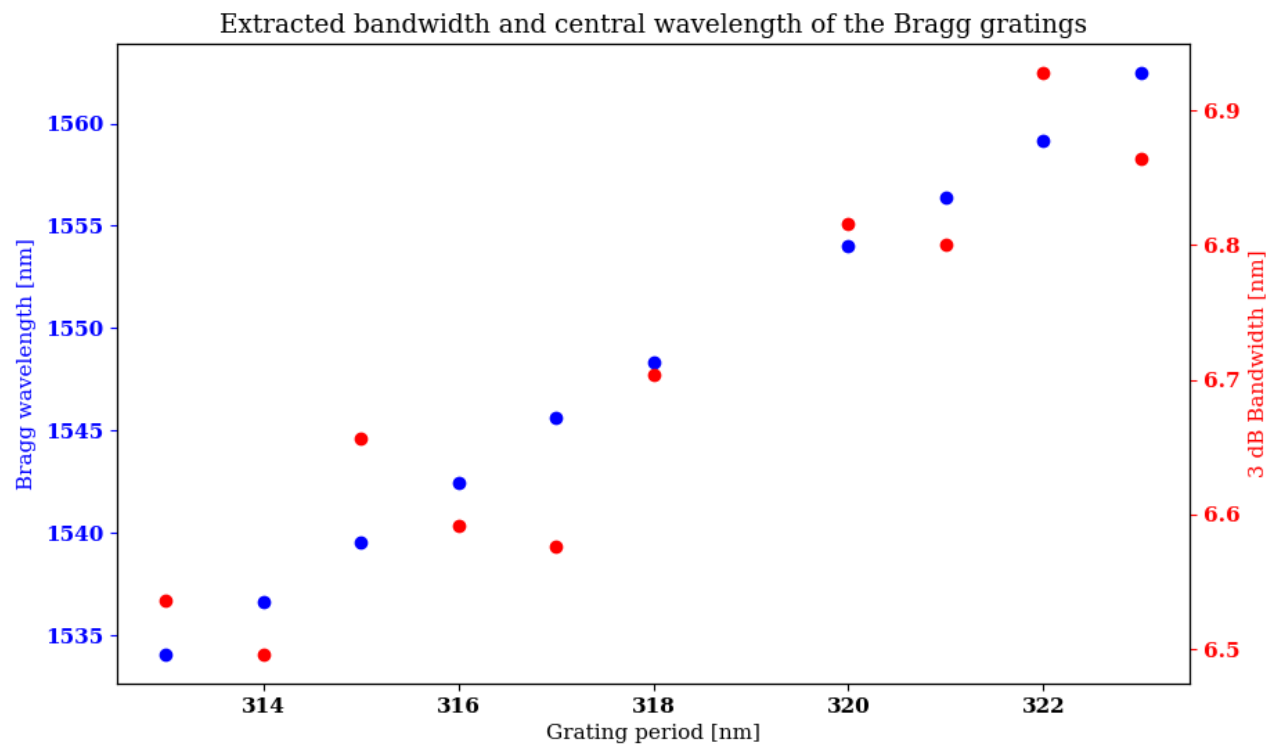


Raw measurement of all structures

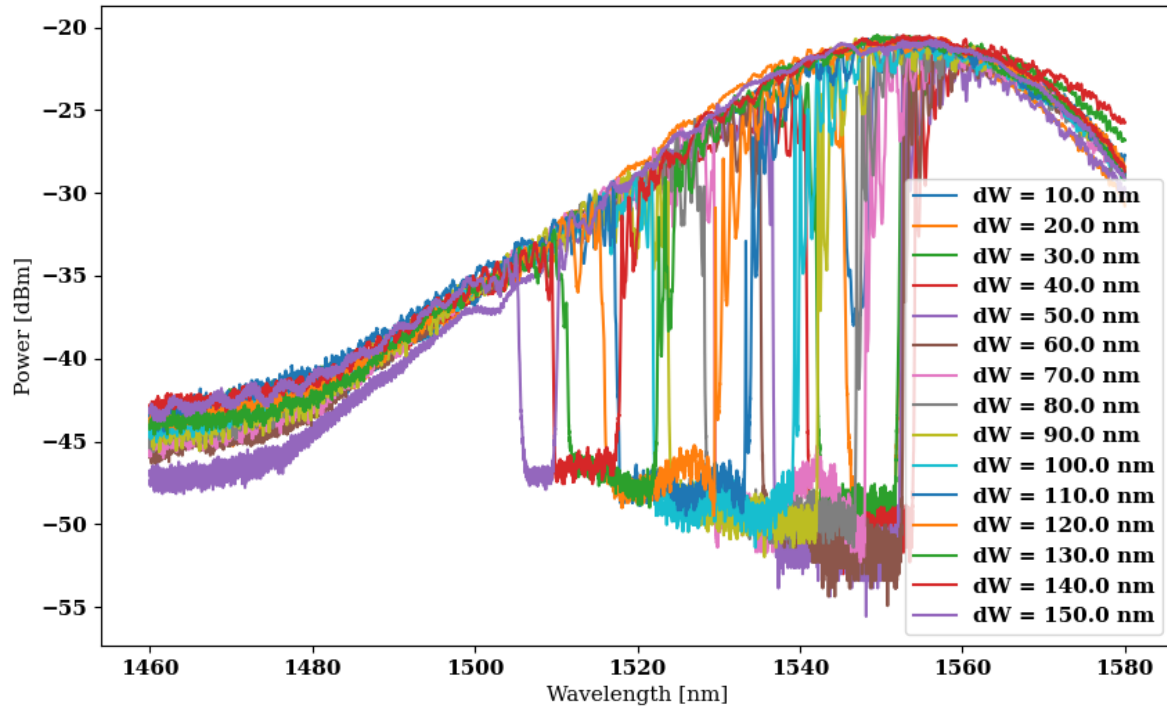


Calibrated measurement of all structures (using envelope calibration)

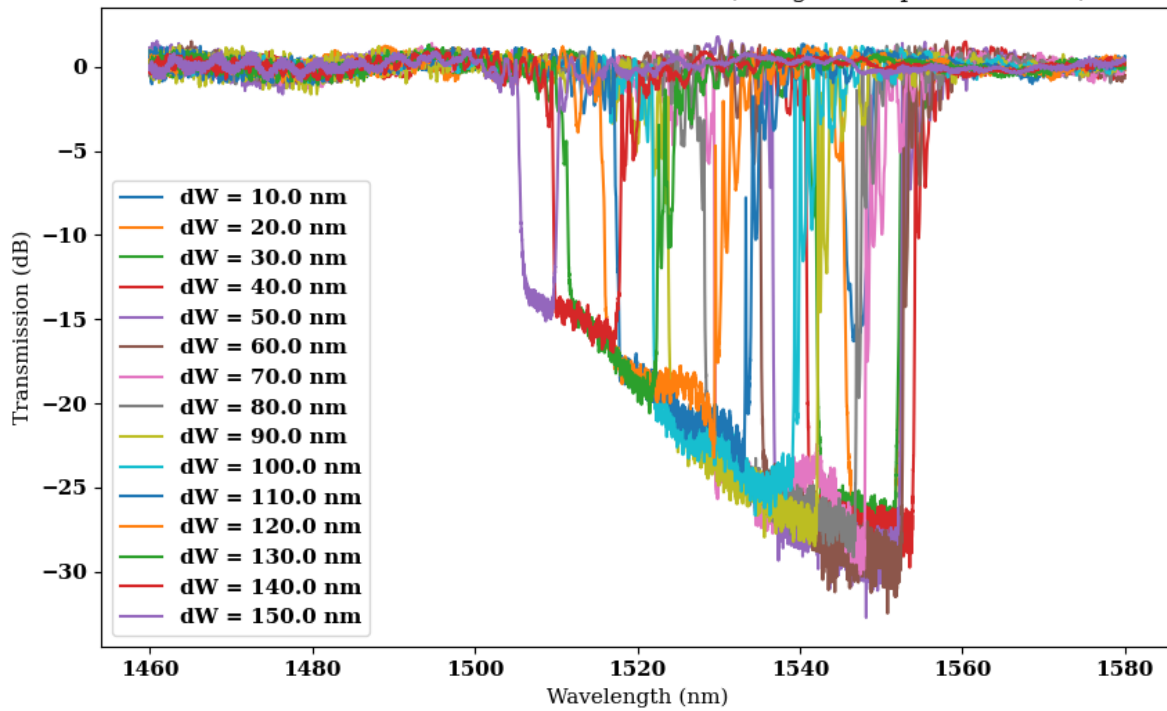


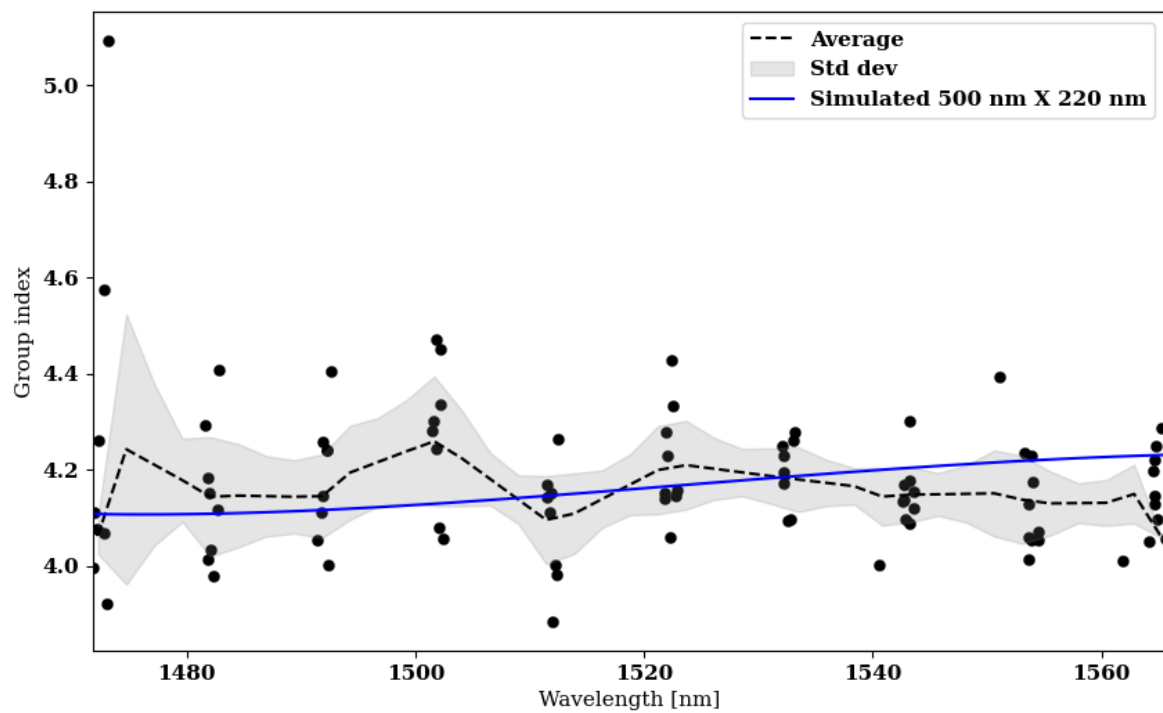
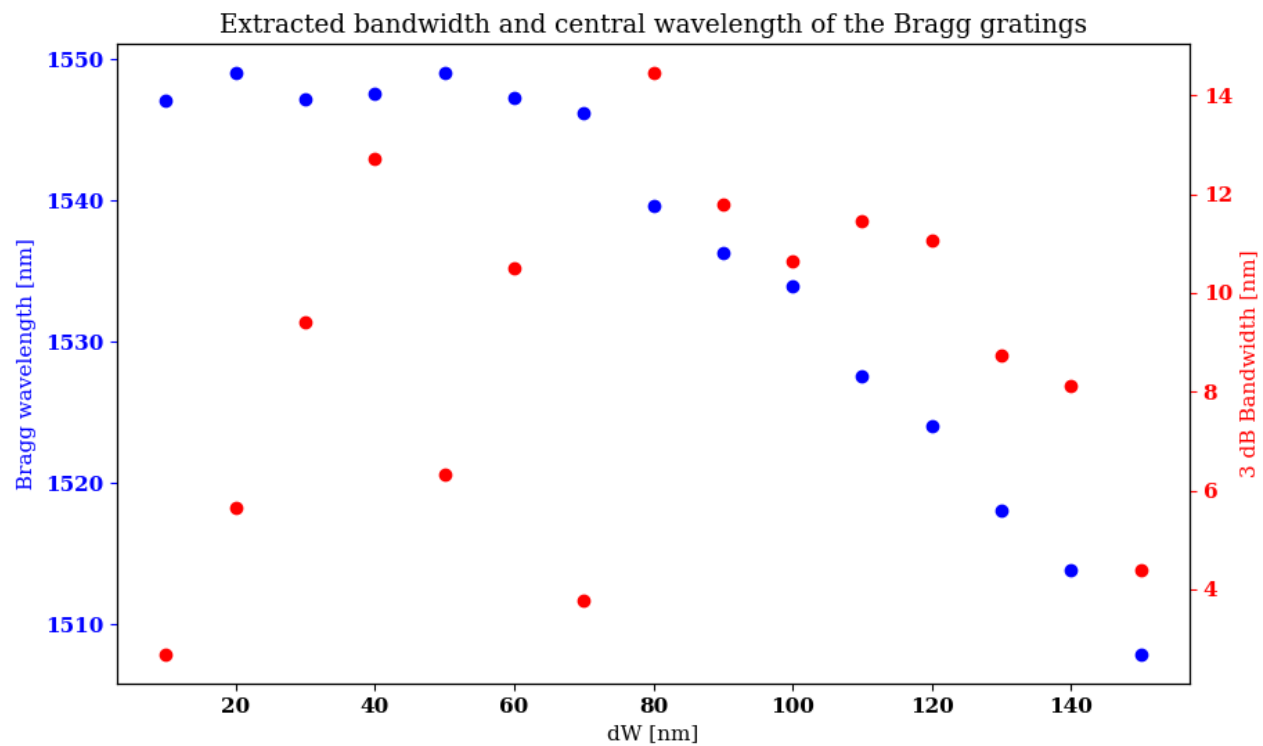


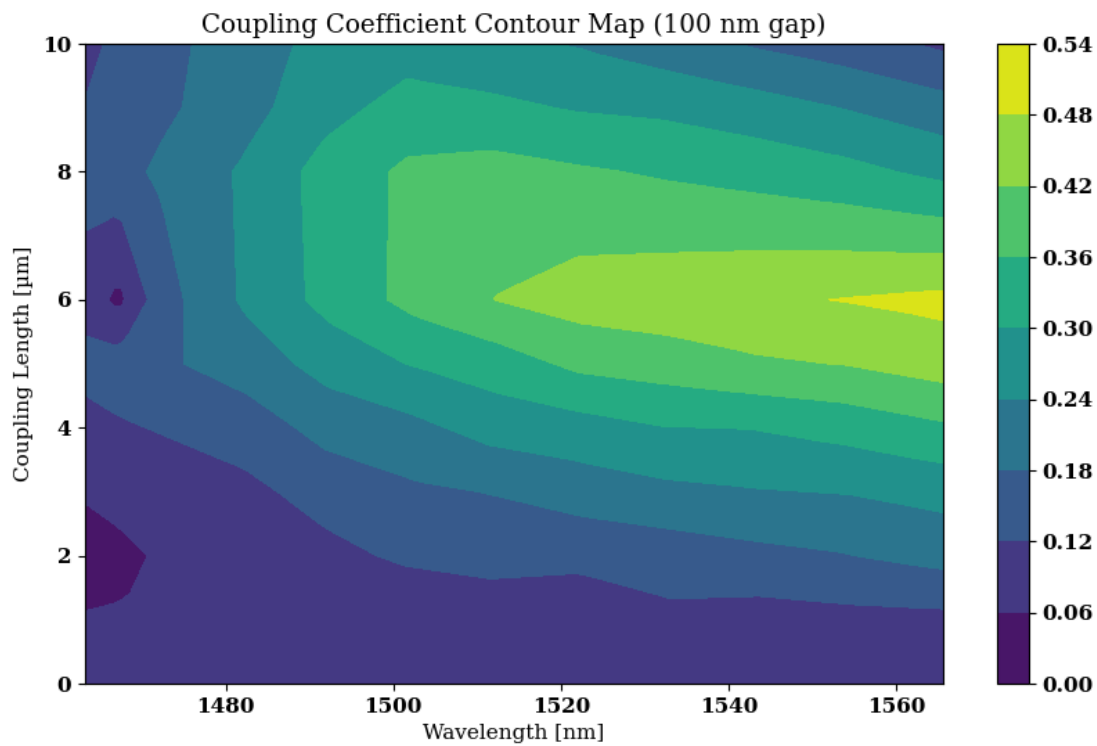
Raw measurement of all structures



Calibrated measurement of all structures (using envelope calibration)





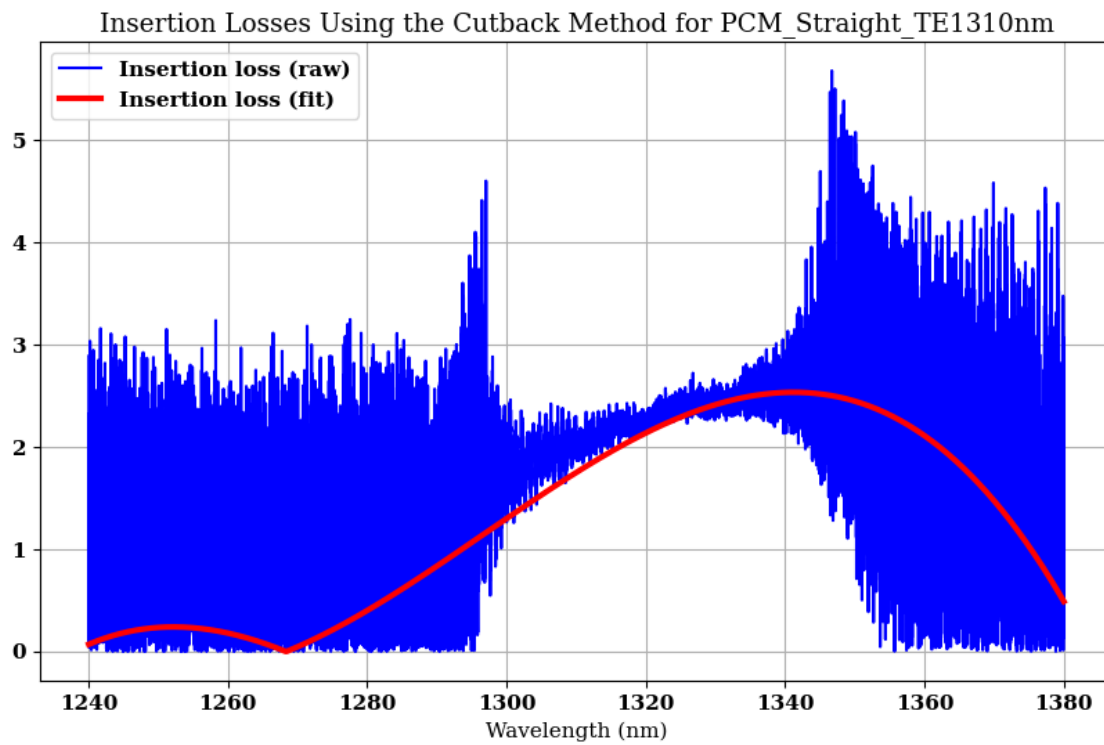
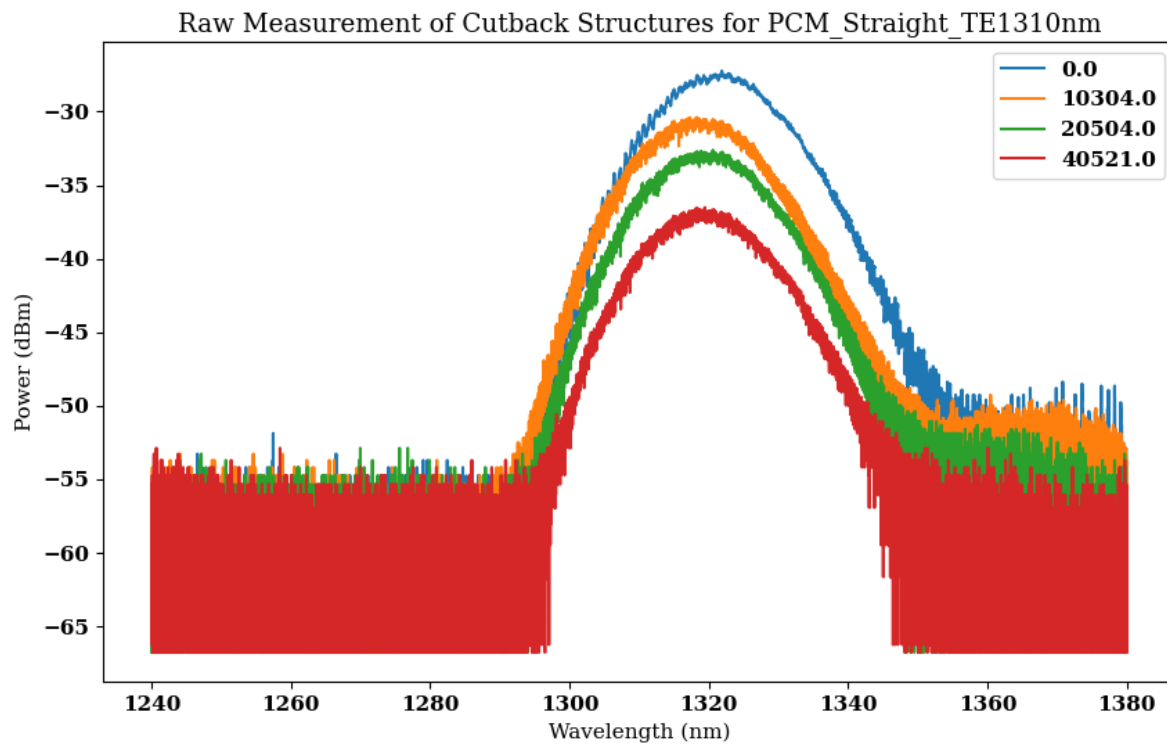


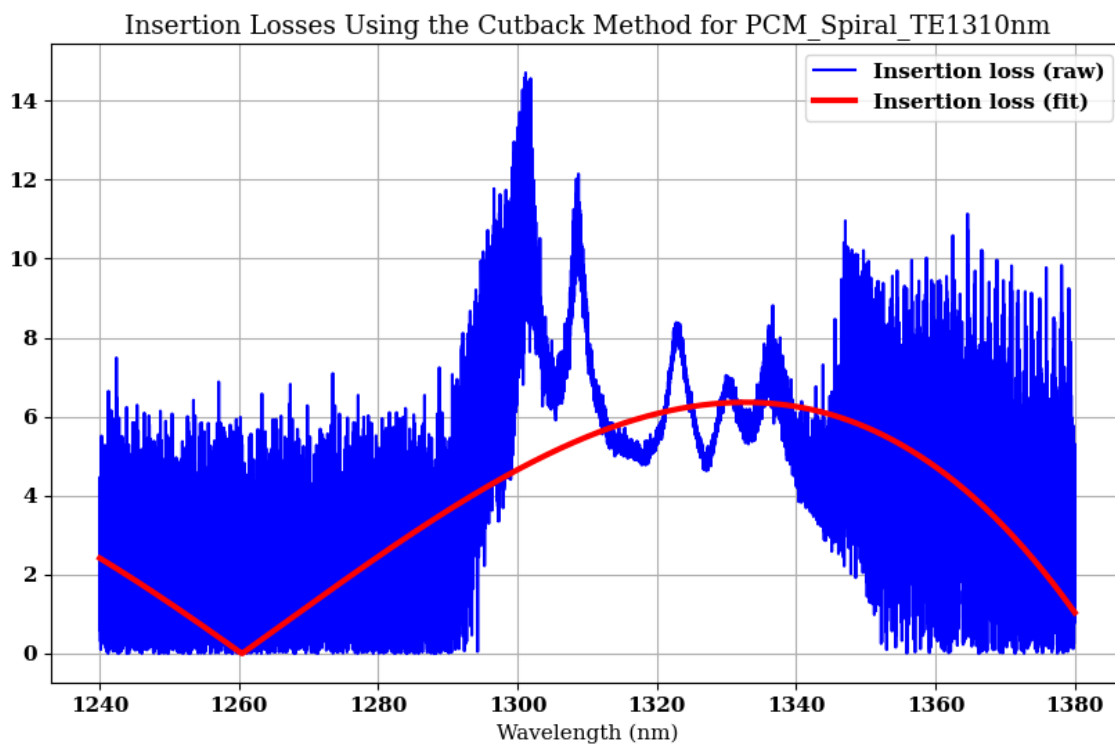
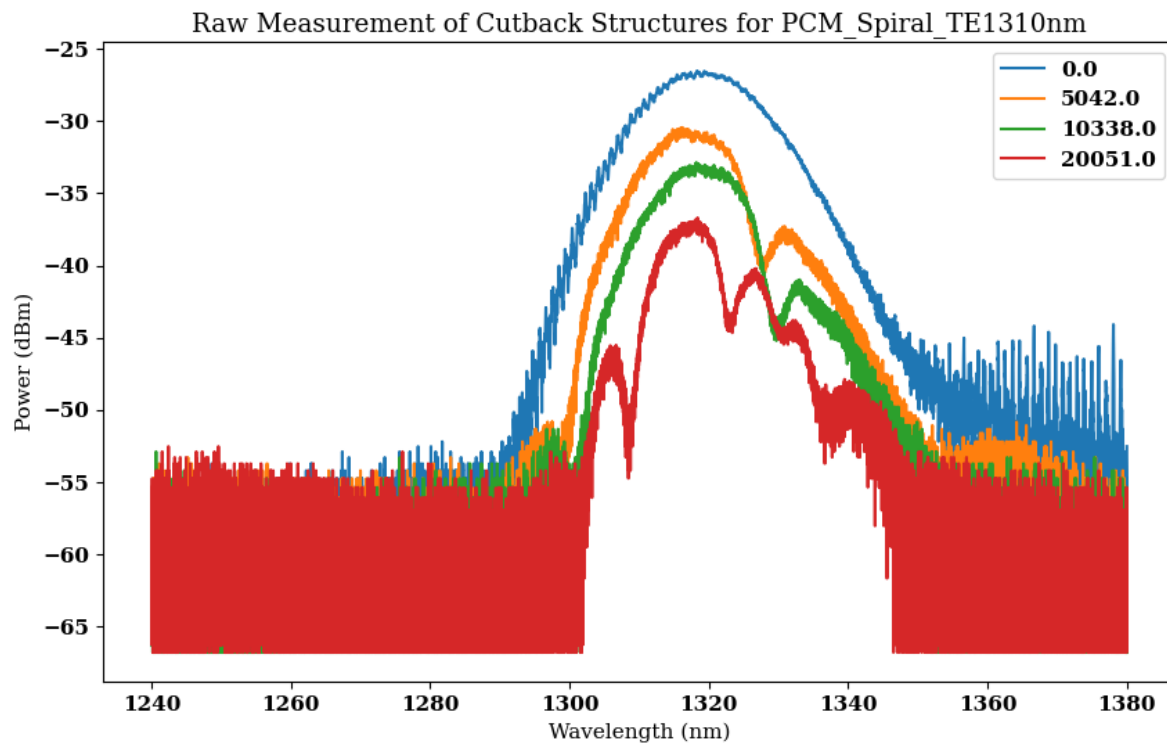
Analysis Report of EdX_May_2023_1310TE chip

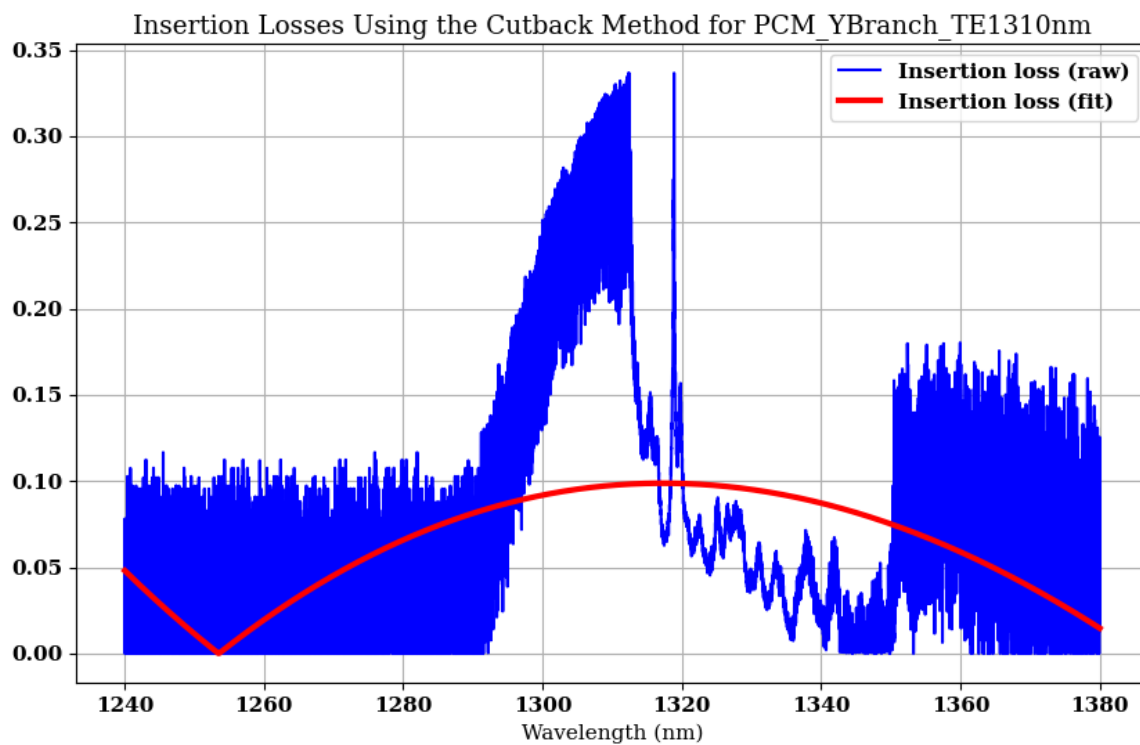
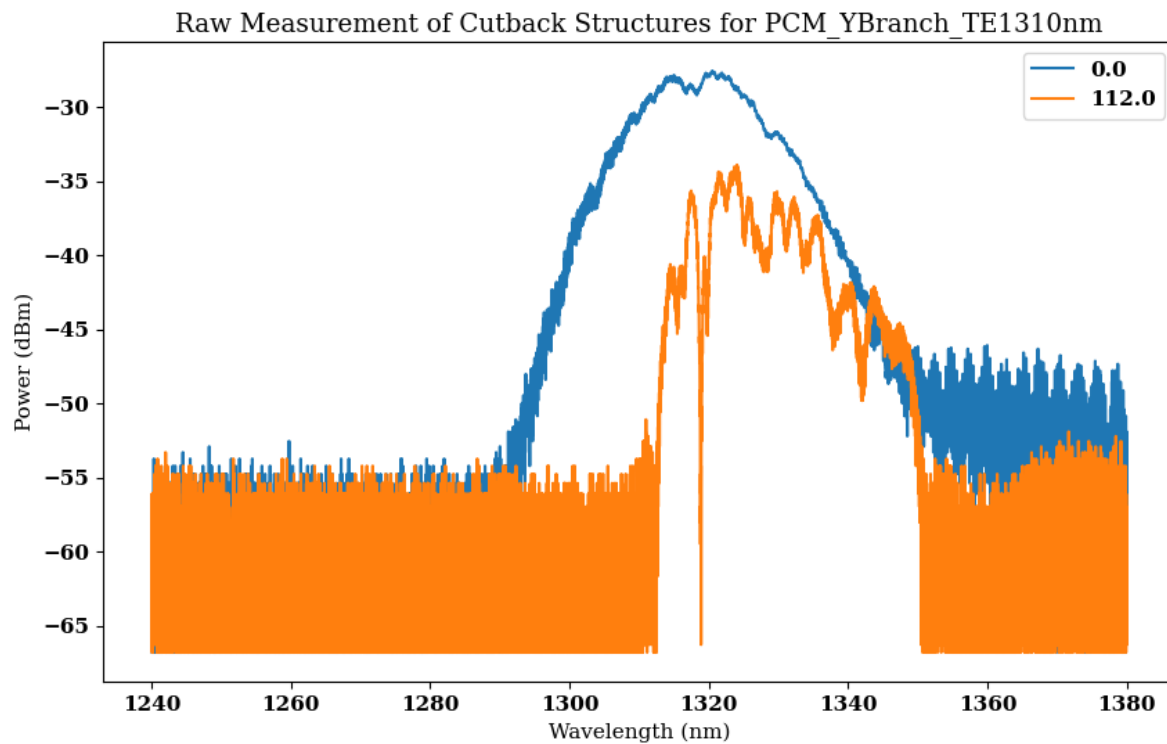
Measurement date: 2023-08-28

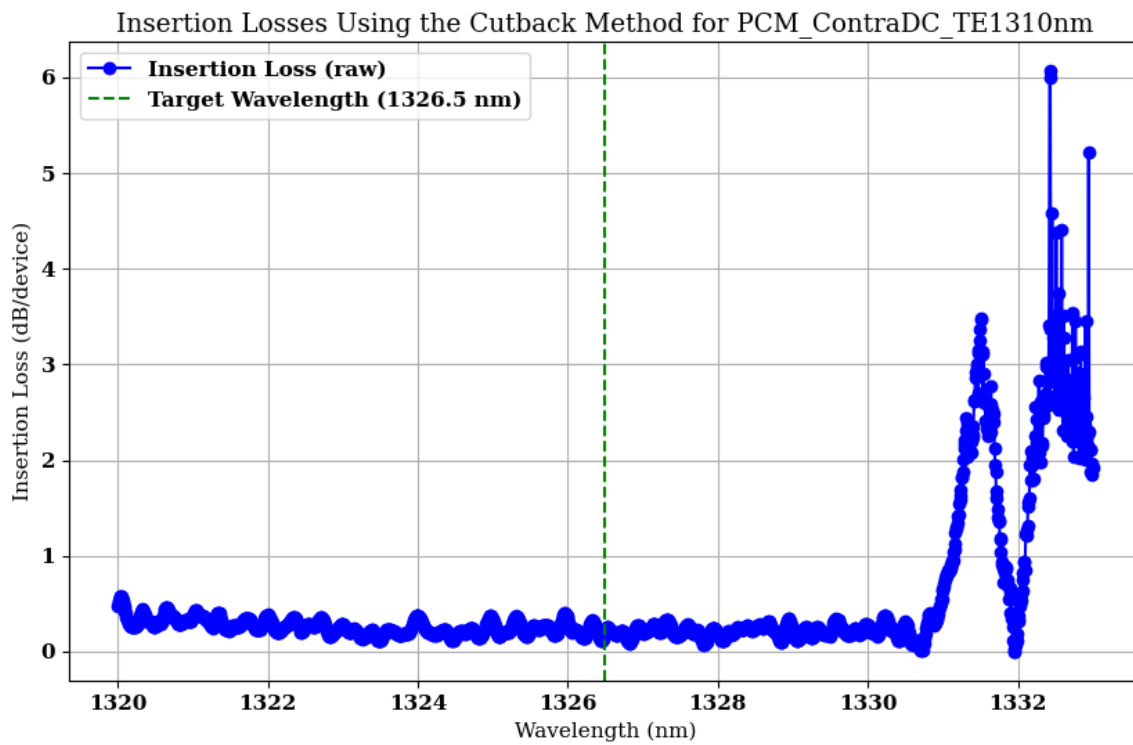
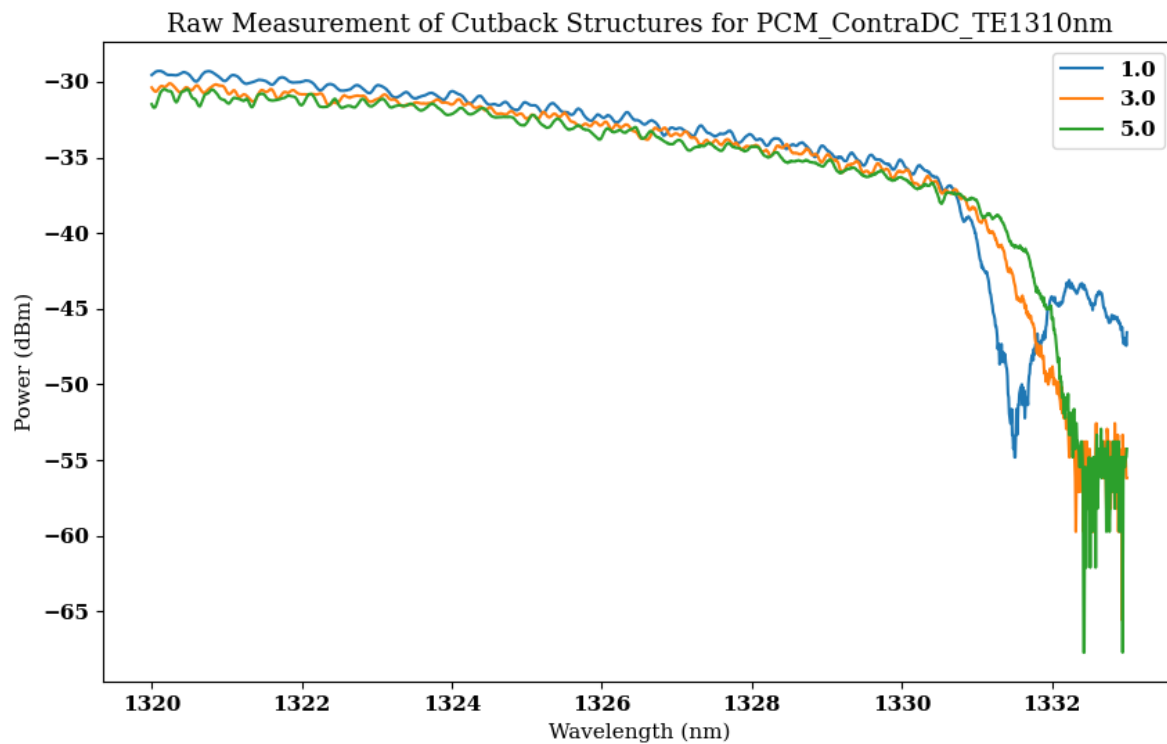
Process: ANT

Name	Wavelength	Polarization	Data	Error	Analysis
PCM_Straight	1310nm	TE	1.75	0.24	Insertion Loss (dB/cm)
PCM_Spiral	1310nm	TE	5.49	2.67	Insertion Loss (dB/cm)
PCM_YBranch	1310nm	TE	0.1	0.11	Insertion Loss (dB/device)
PCM_ContraDC	1310nm	TE	0.21	0.02	Insertion Loss (dB/device)
PCM_Bragg_Period	1310nm	TE	-0.71	N/A	Bragg Drift (nm)
PCM_GIndex	1310nm	TE	4.12	0.8	Group Index

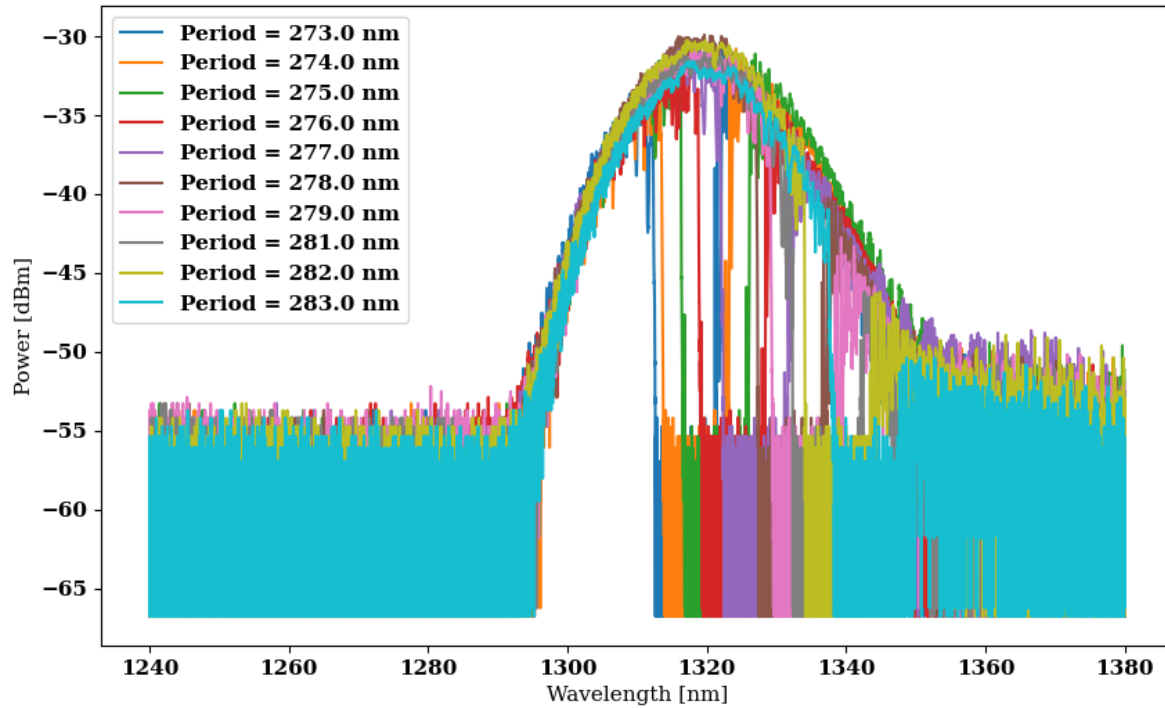




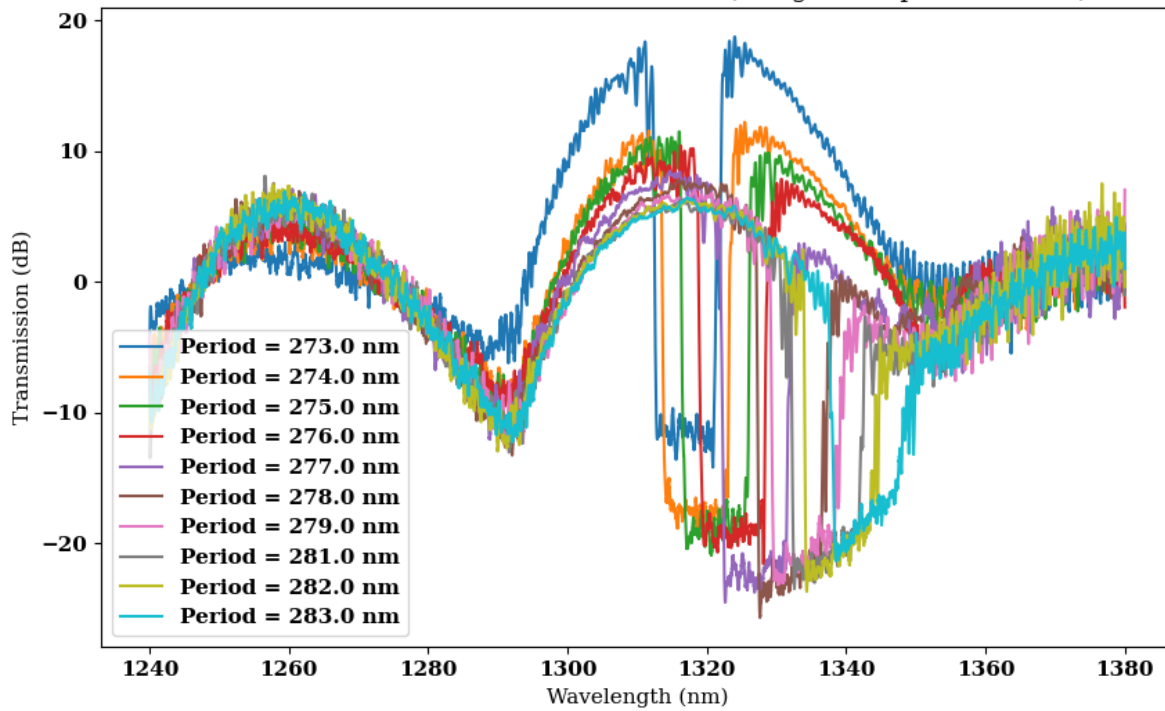


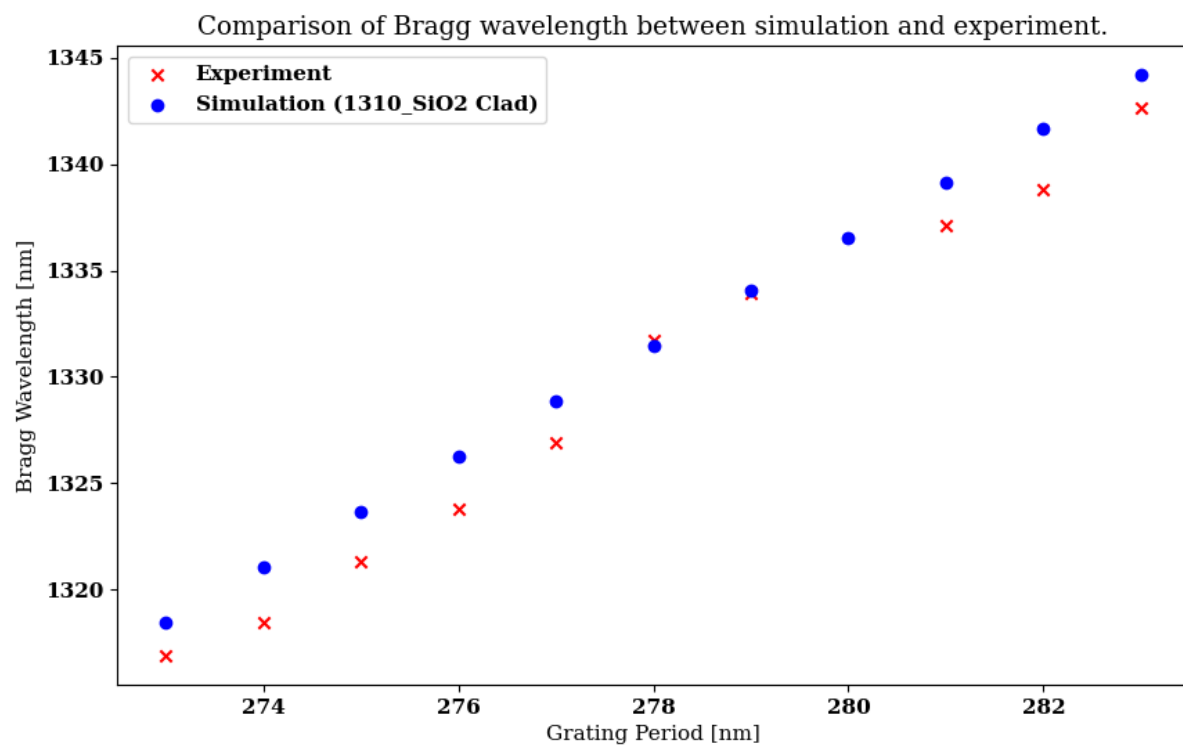
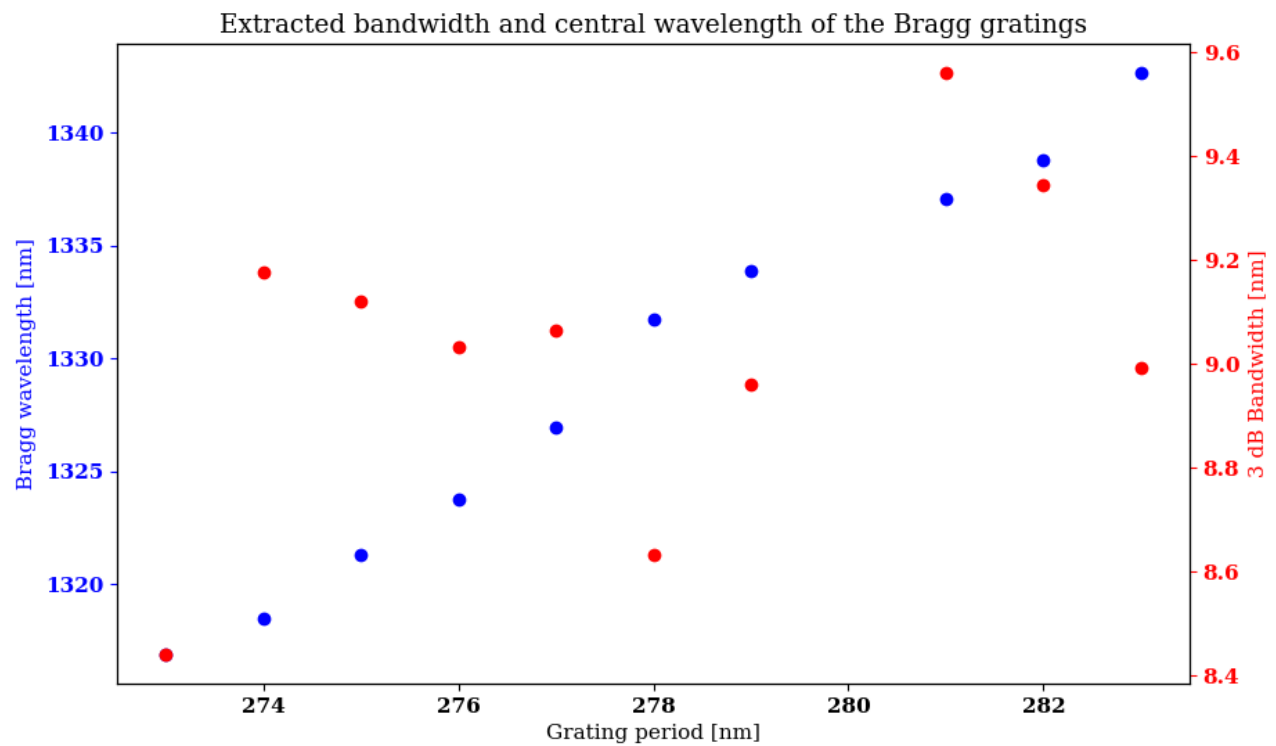


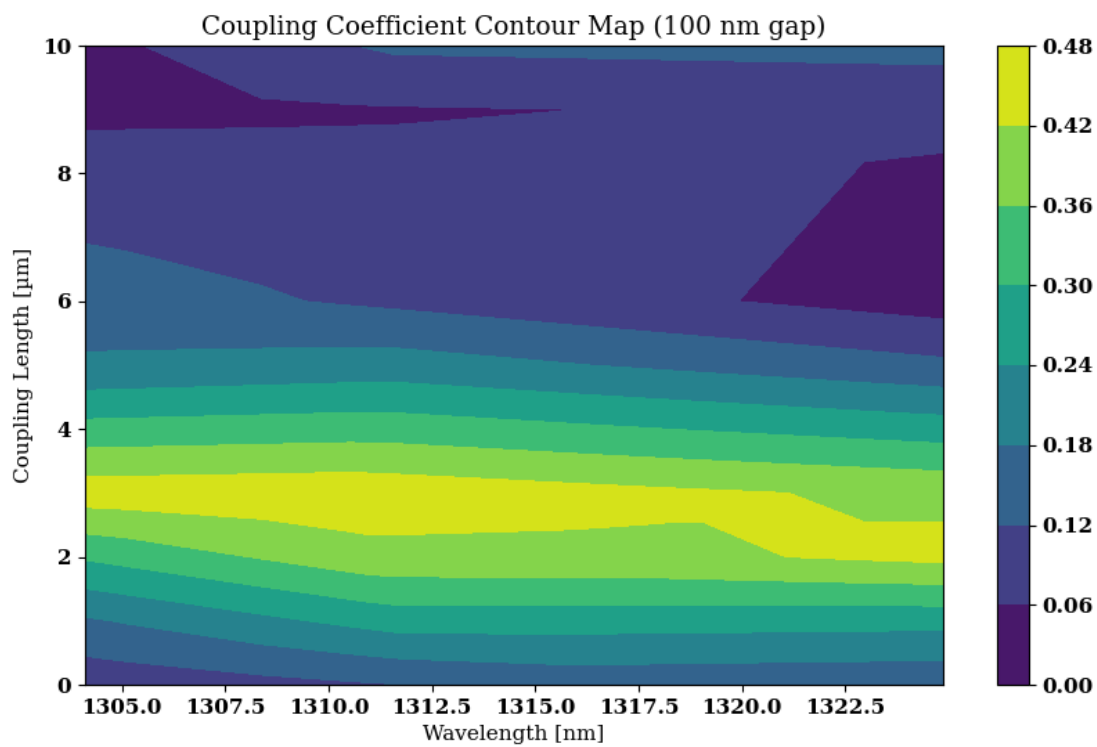
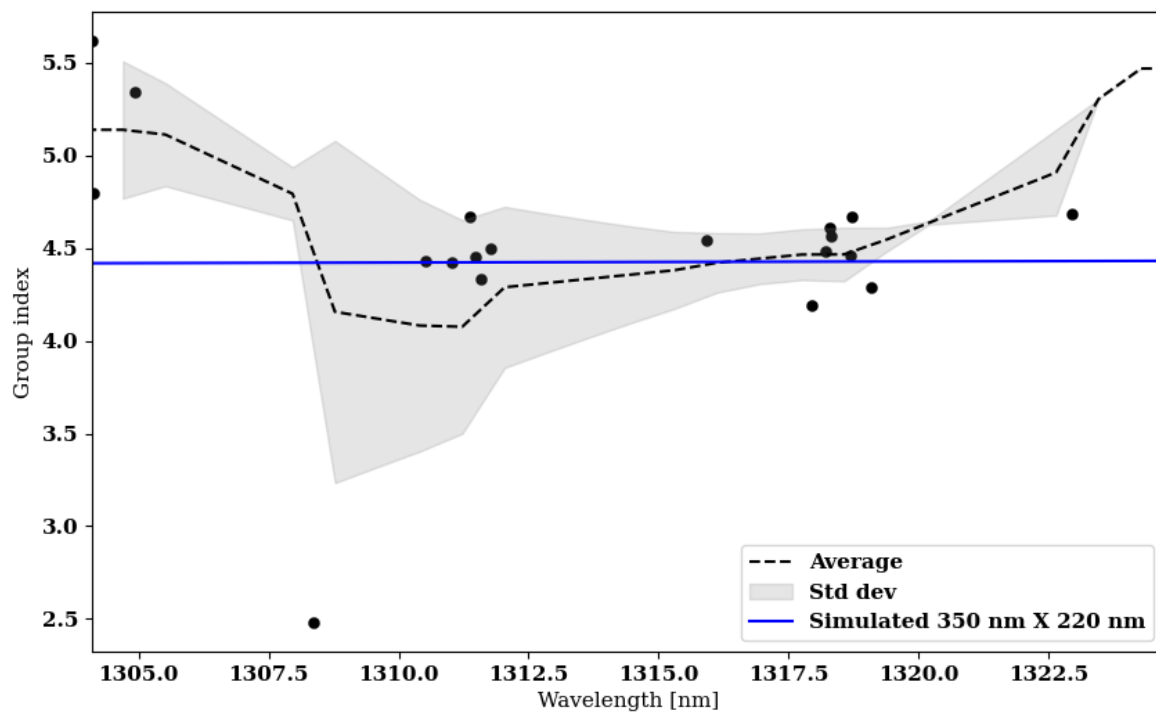
Raw measurement of all structures



Calibrated measurement of all structures (using envelope calibration)





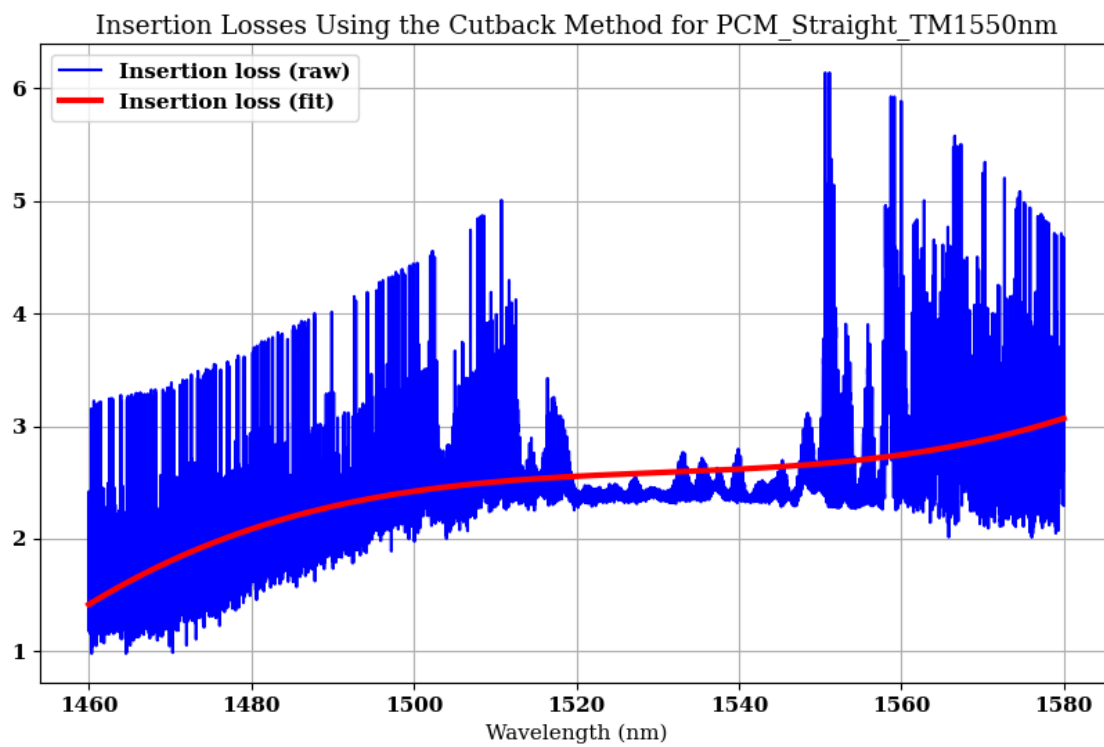
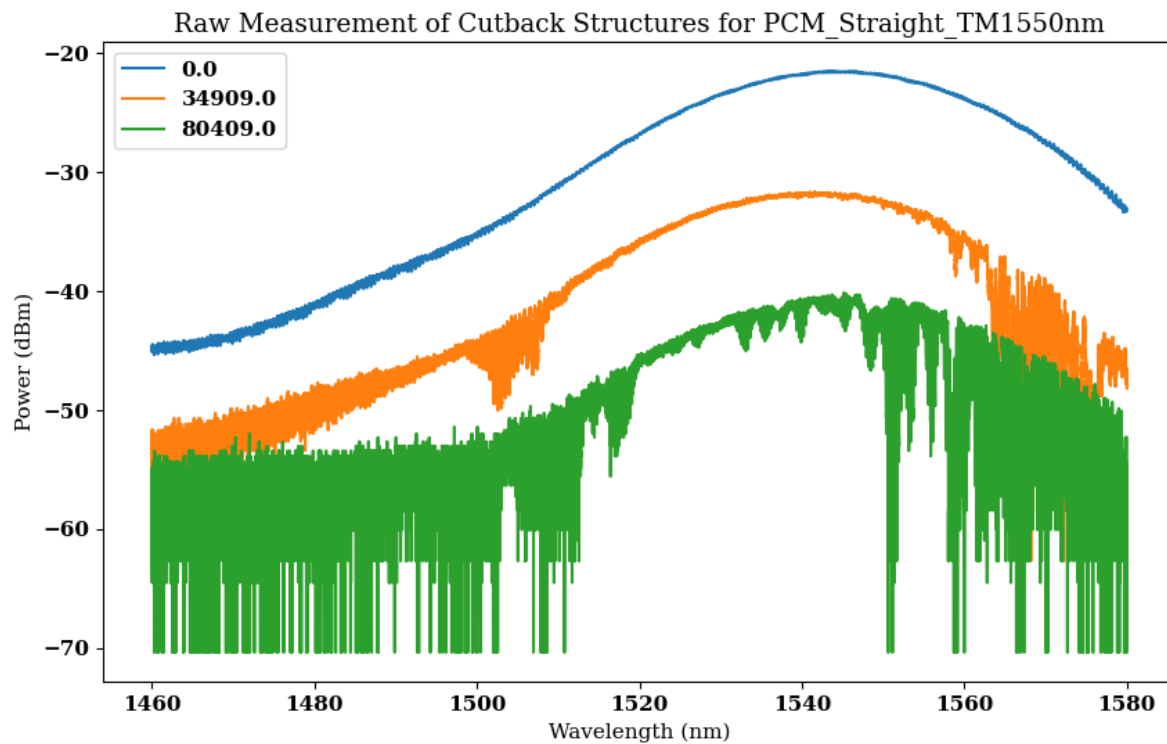


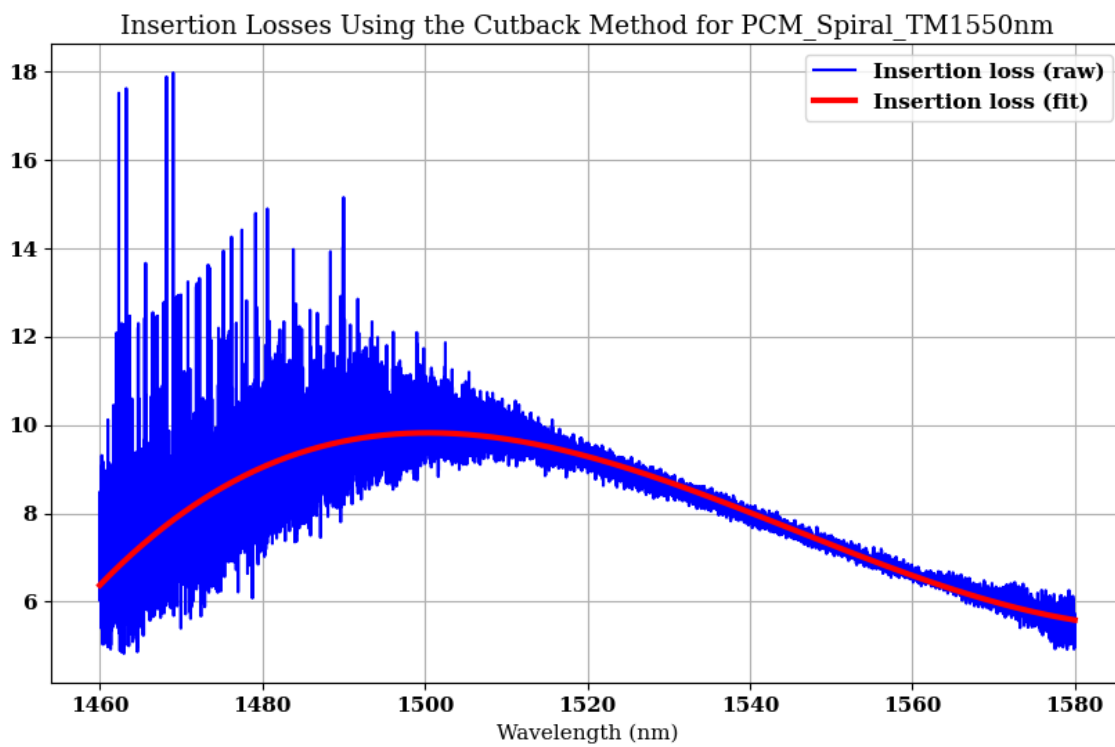
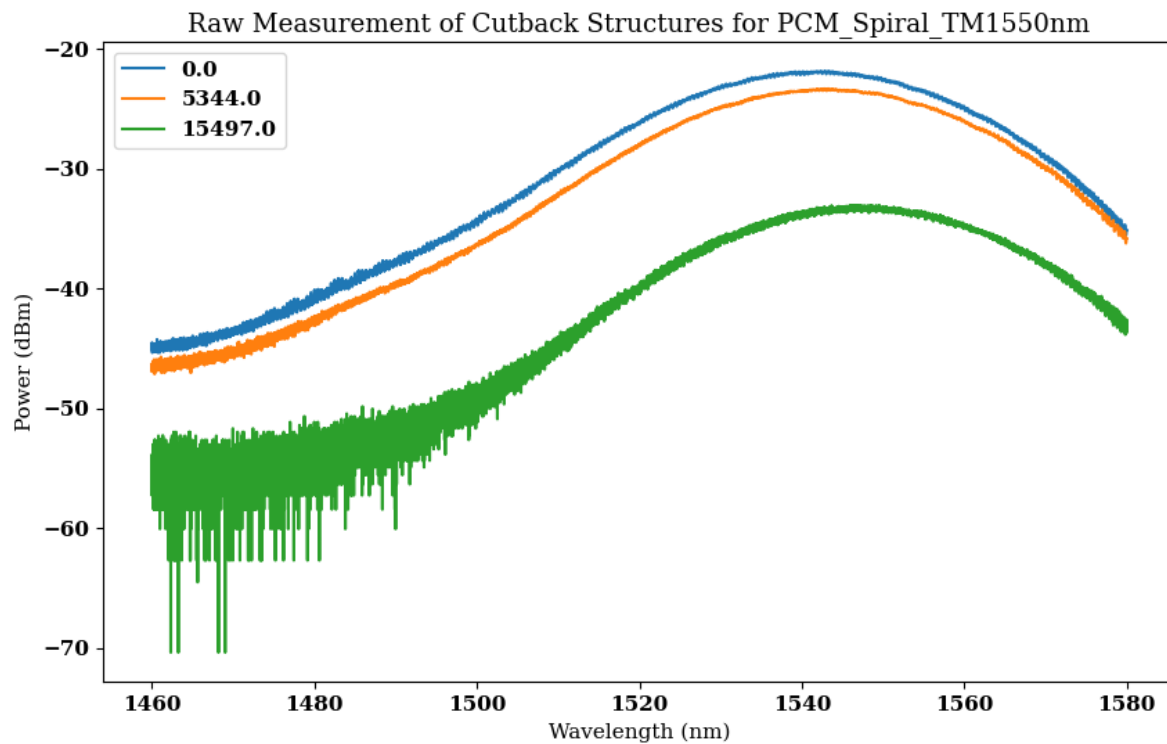
Analysis Report of EdX_May_2023_1550TM chip

Measurement date: 2023-08-28

Process: ANT

Name	Wavelength	Polarization	Data	Error	Analysis
PCM_Straight	1550nm	TM	2.67	0.21	Insertion Loss (dB/cm)
PCM_Spiral	1550nm	TM	7.29	0.15	Insertion Loss (dB/cm)





Analysis Report of EdX_May_2023_1310TM chip

Measurement date: 2023-08-28

Process: ANT

Name	Wavelength	Polarization	Data	Error	Analysis
PCM_Straight	1310nm	TM	3.35	0.16	Insertion Loss (dB/cm)
PCM_Spiral	1310nm	TM	14.82	1.34	Insertion Loss (dB/cm)

