SPD Datasheet

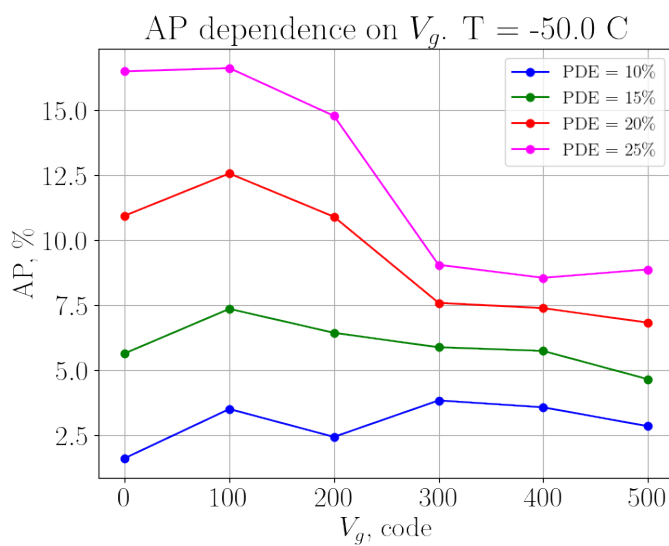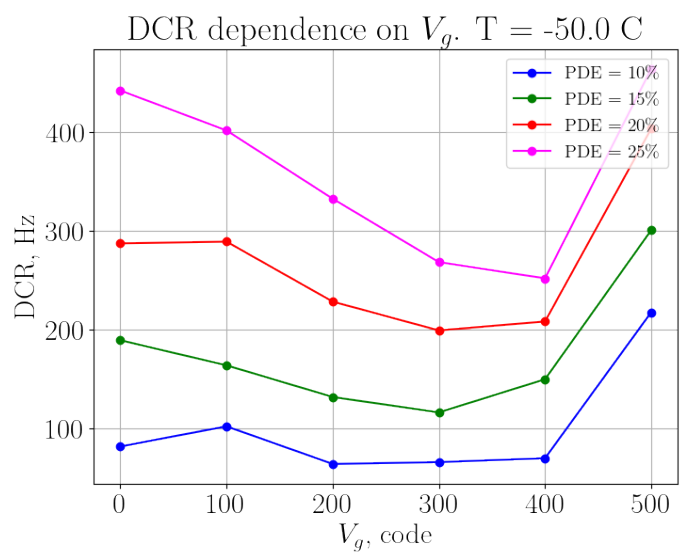SPD type: gated   SPD Name: Nikodim   Date: 22.07.2021

<div align="center">

Optimal point   T = -50.0 C

</div>

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
SNR	6.05	29	0.2085	0.5	5.35	940	6.5

Criterion	Vg, code	Vb, V	T, C
SNR	0	74.73	-50.0

<div align="center">

Graphic characteristics representation

</div>

SNR heatmap for T = -50.0 C

BIF heatmap for T = -50.0 C

DCR dependence on V_g. T = -50.0 C

AP dependence on V_g. T = -50.0 C

SPD Datasheet

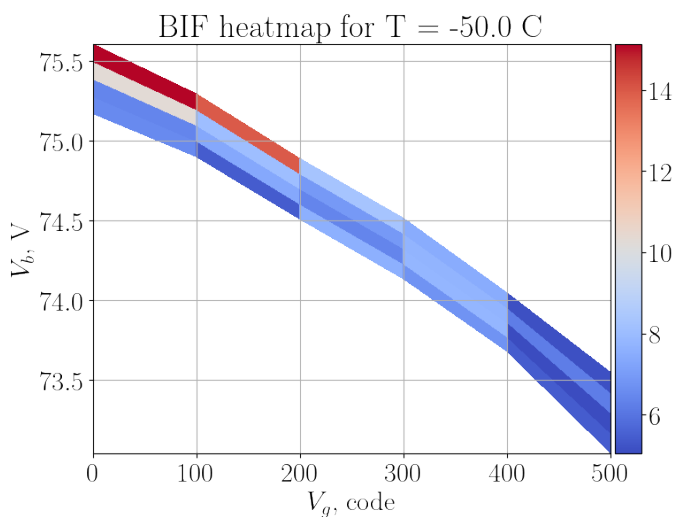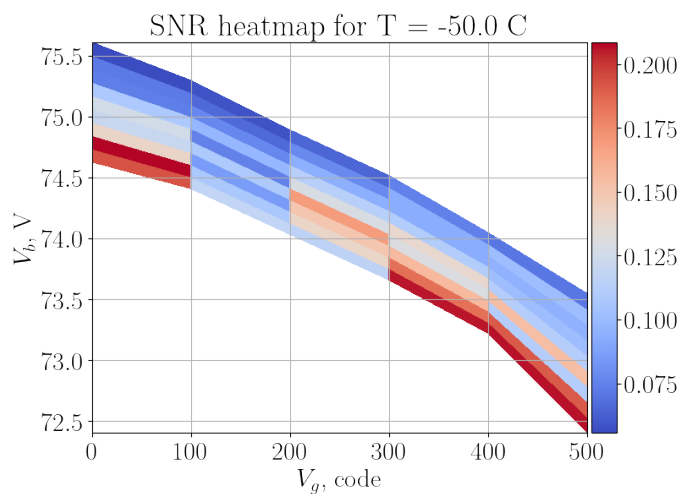SPD type: gated   SPD Name: Nikodim   Date: 22.07.2021

Optimal point   T = -45.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
SNR	5.95	50	0.119	0.93	0.3	790	4.9

Criterion	Vg, code	Vb, V	T, C
SNR	400	73.89	-45.0

Graphic characteristics representation

SNR heatmap for T = -45.0 C

BIF heatmap for T = -45.0 C

DCR dependence on V_g. T = -45.0 C

AP dependence on V_g. T = -45.0 C

SPD Datasheet
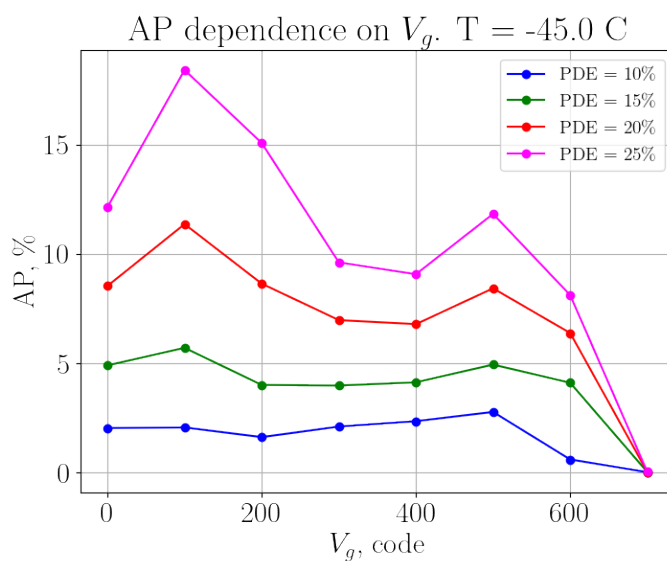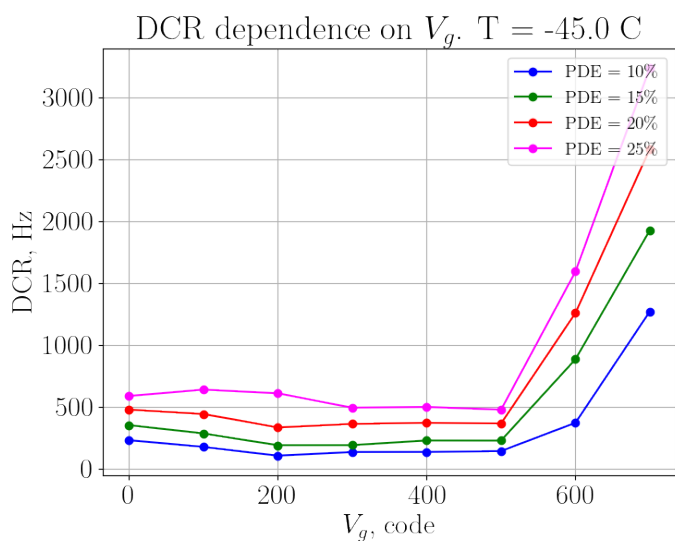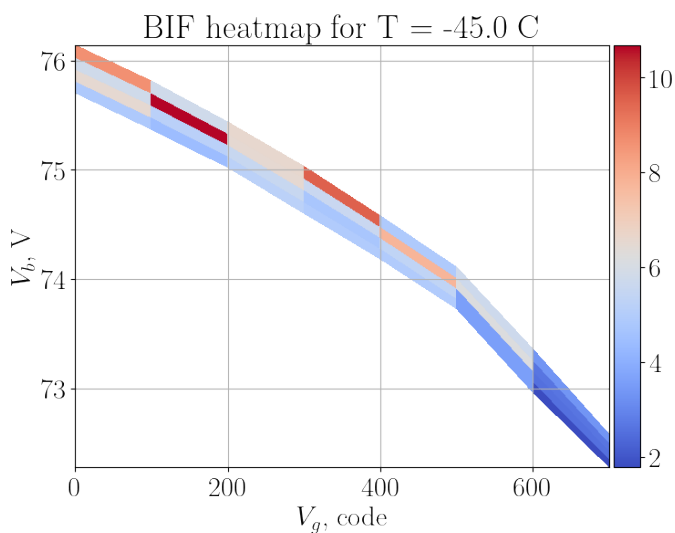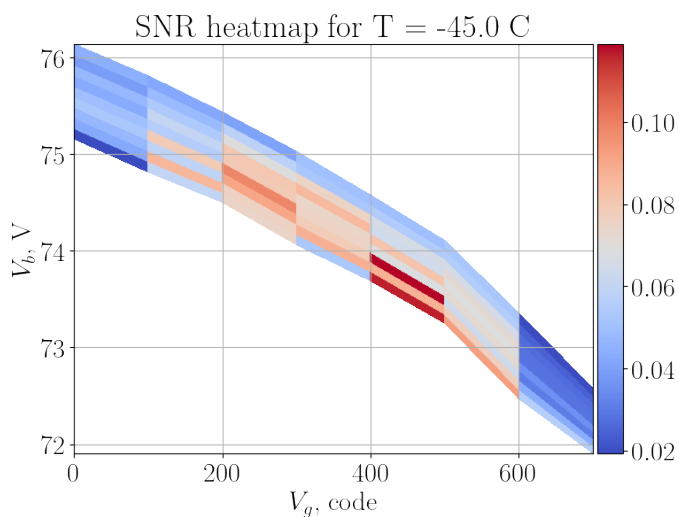
SPD type: gated   SPD Name: Nikodim   Date: 22.07.2021

Optimal point   T = -40.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
SNR	4.82	35	0.1377	0.24	0.42	750	3.1

Criterion	Vg, code	Vb, V	T, C
SNR	500	73.75	-40.0

Graphic characteristics representation

SNR heatmap for T = -40.0 C

BIF heatmap for T = -40.0 C

DCR dependence on V_g. T = -40.0 C

AP dependence on V_g. T = -40.0 C