

SPD type: gated

SPD Name: Gradimir

Date: 10.08.2021

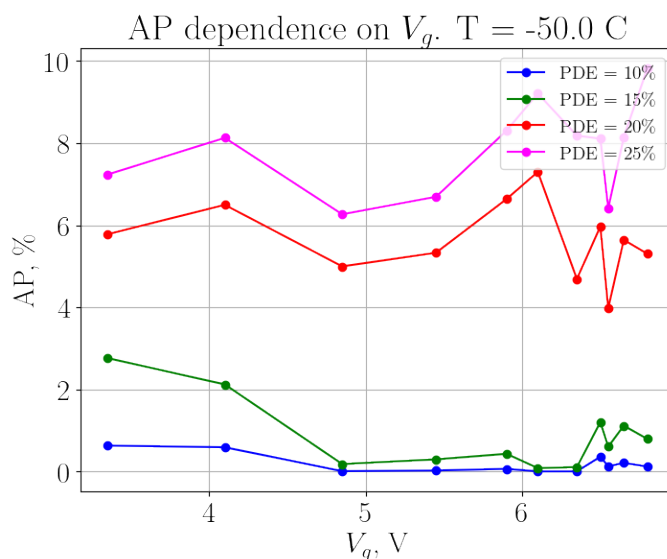
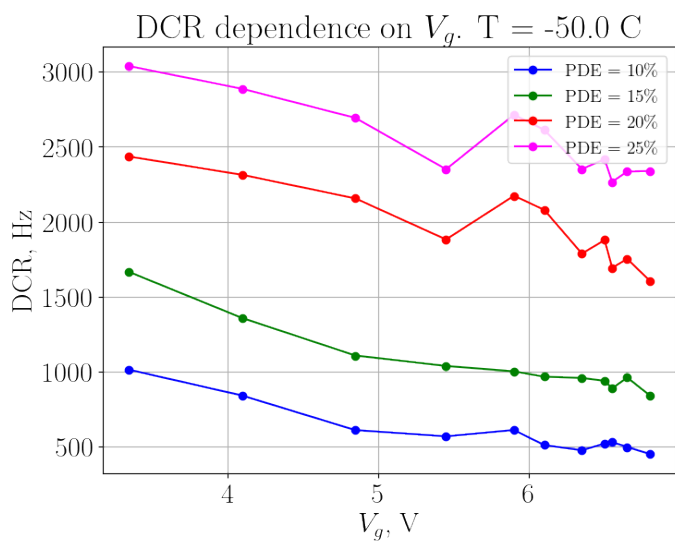
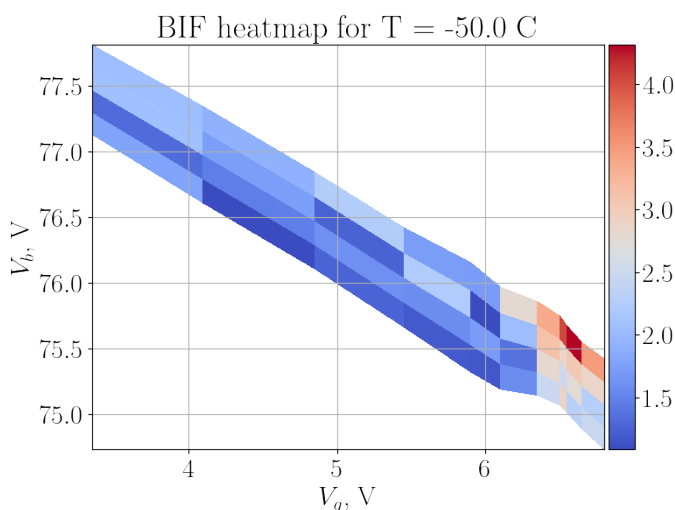
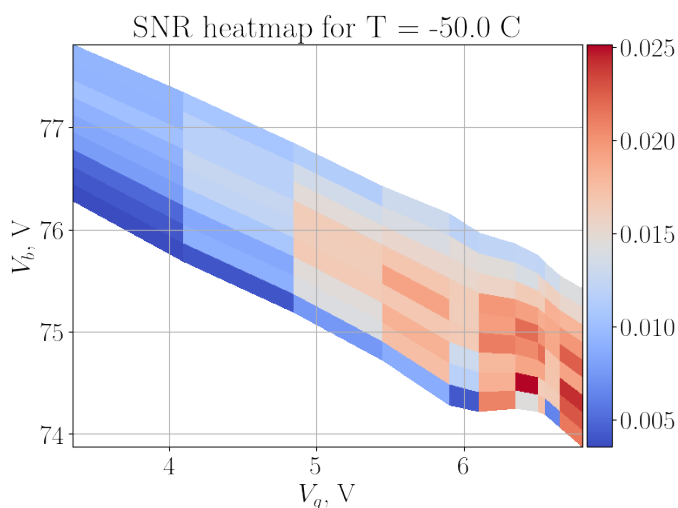
Optimal point

T = -50.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	451	0.0222	0.12	5.38	610	2.7
QE = 20	20	1606	0.0125	5.3	5.38	660	3.3

Criterion	V <sub>g</sub> , V	V <sub>b</sub> , V	T, C
QE = 10	6.8	74.69	-50.0
QE = 20	6.8	75.33	-50.0

## Graphic characteristics representation



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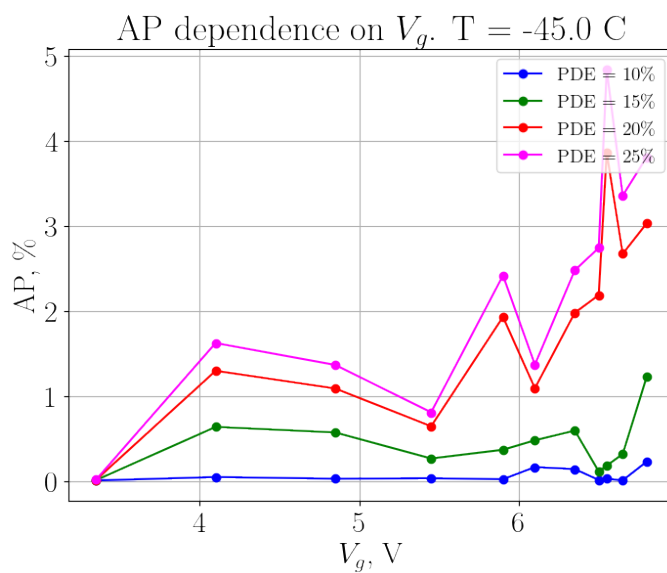
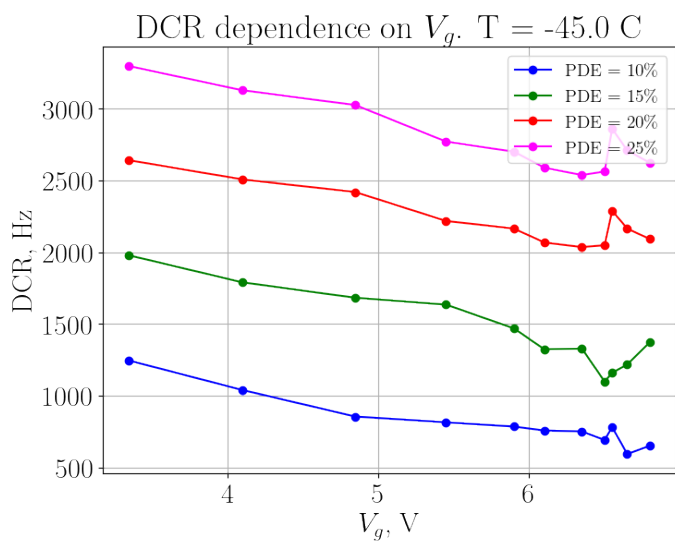
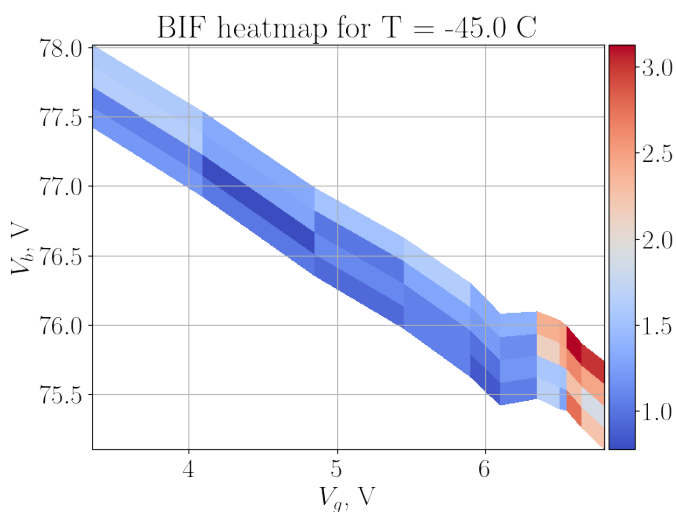
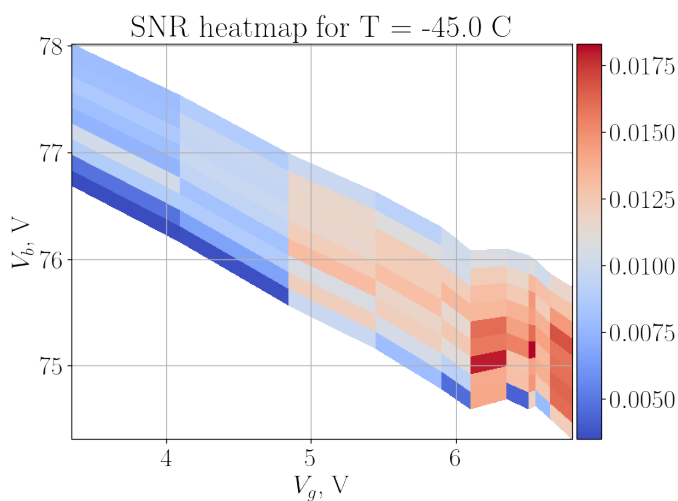
Optimal point

T = -45.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	595	0.0168	0.01	4.86	700	2.2
QE = 20	20	2036	0.0098	1.98	5.71	1100	3.1

Criterion	V <sub>g</sub> , V	V <sub>b</sub> , V	T, C
QE = 10	6.65	75.25	-45.0
QE = 20	6.35	76.14	-45.0

## Graphic characteristics representation



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Optimal point

T = -40.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	826	0.0121	0.01	5.99	690	2.1
QE = 20	20	2311	0.0087	0.34	3.85	1470	3.0

Criterion	V <sub>g</sub> , V	V <sub>b</sub> , V	T, C
QE = 10	6.8	75.61	-40.0
QE = 20	6.55	76.47	-40.0

## Graphic characteristics representation

