

SPD type: gated

SPD Name: BRONISLAV

Date: 20.07.2021

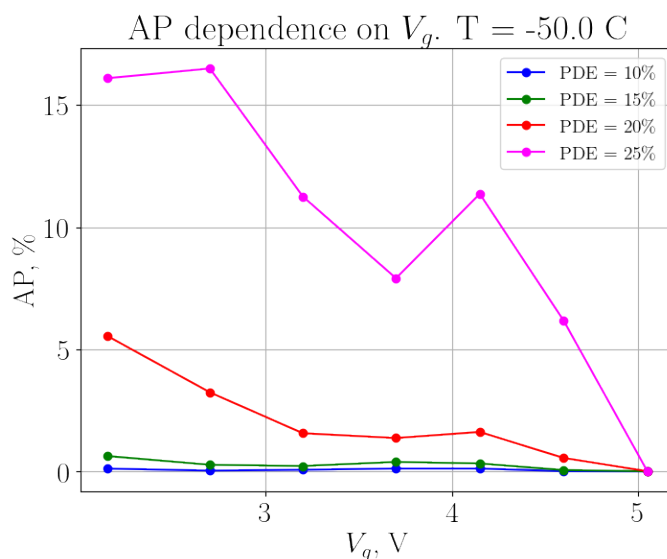
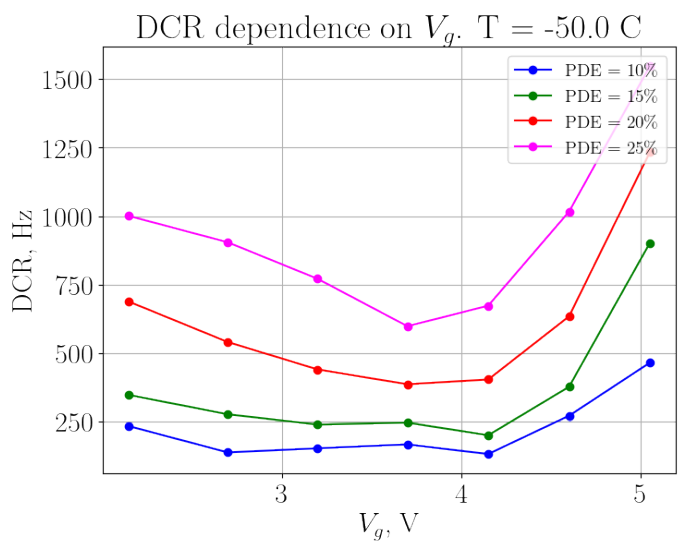
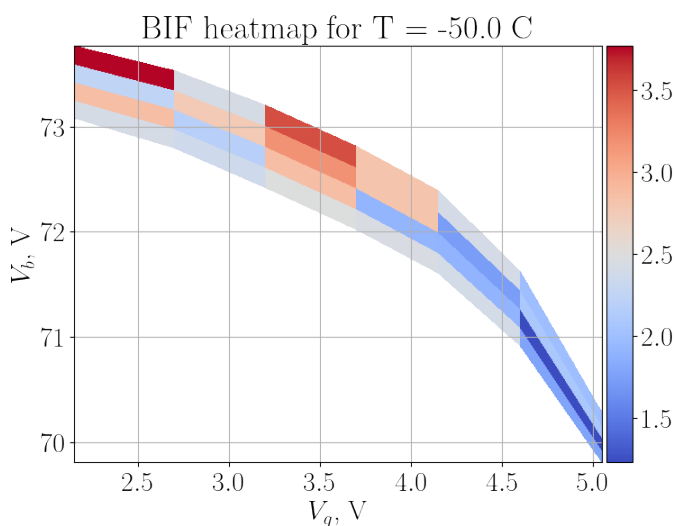
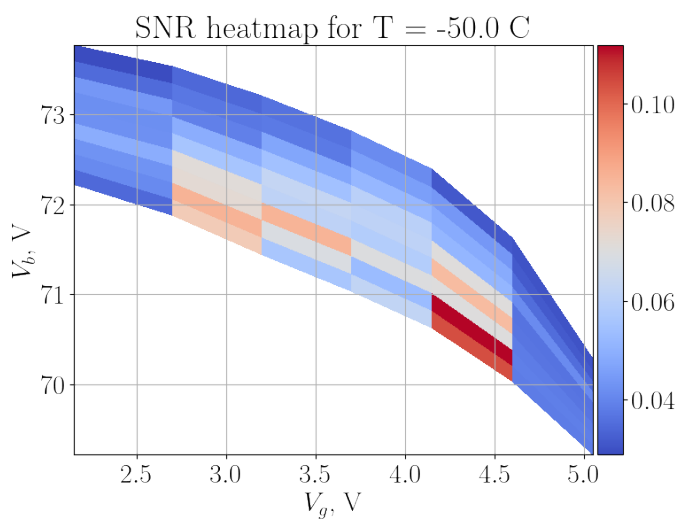
Optimal point

T = -50.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	132	0.0755	0.12	9.32	1070	2.4
QE = 20	20	387	0.0517	1.37	8.74	1140	1.9

Criterion	V <sub>g</sub> , V	V <sub>b</sub> , V	T, C
QE = 10	4.15	71.08	-50.0
QE = 20	3.7	72.22	-50.0

## Graphic characteristics representation



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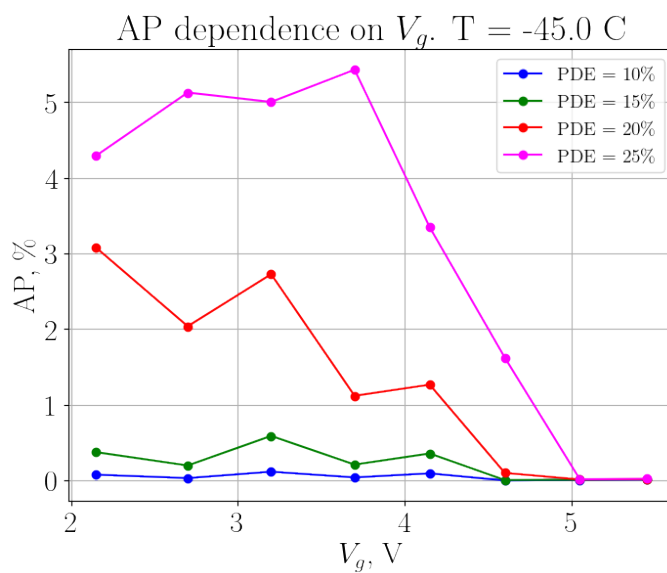
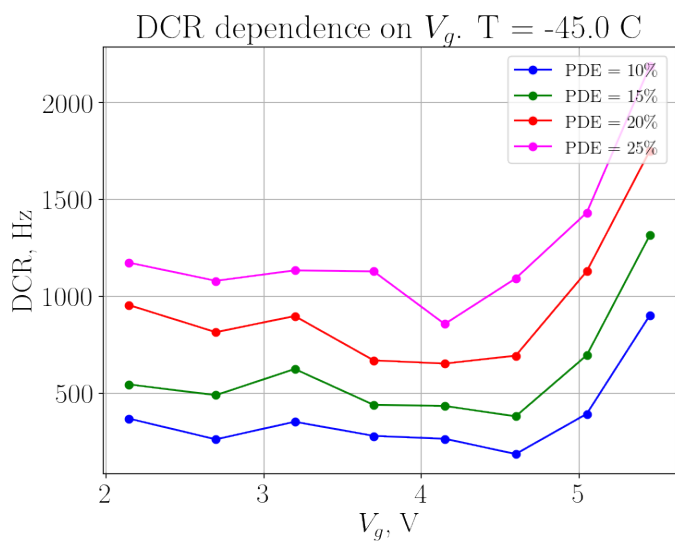
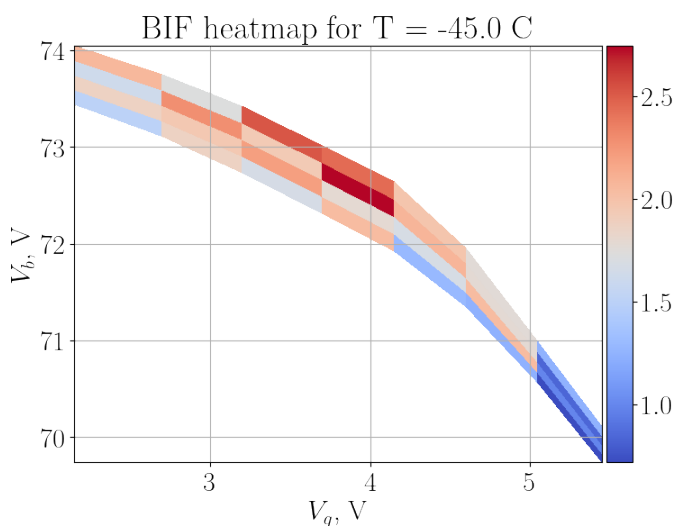
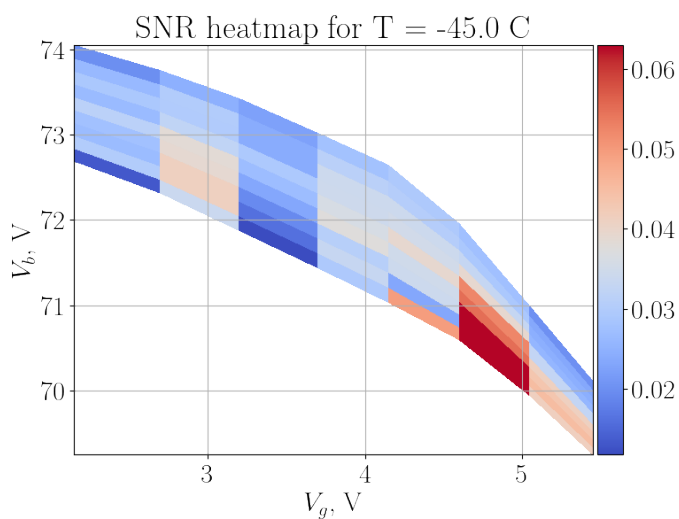
Optimal point

T = -45.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	183	0.0546	0.0	10.19	1130	1.2
QE = 20	20	650	0.0307	1.27	9.13	1130	2.1

Criterion	V <sub>g</sub> , V	V <sub>b</sub> , V	T, C
QE = 10	4.6	71.07	-45.0
QE = 20	4.15	72.27	-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	241	0.0415	0.0	10.13	1110	1.1
QE = 20	20	776	0.0258	0.36	10.13	1020	1.5

Criterion	V <sub>g</sub> , V	V <sub>b</sub> , V	T, C
QE = 10	4.15	71.97	-40.0
QE = 20	4.15	72.64	-40.0

## Graphic characteristics representation

