

SPD type: gated

SPD Name: Timofei

Date: 14.07.2021

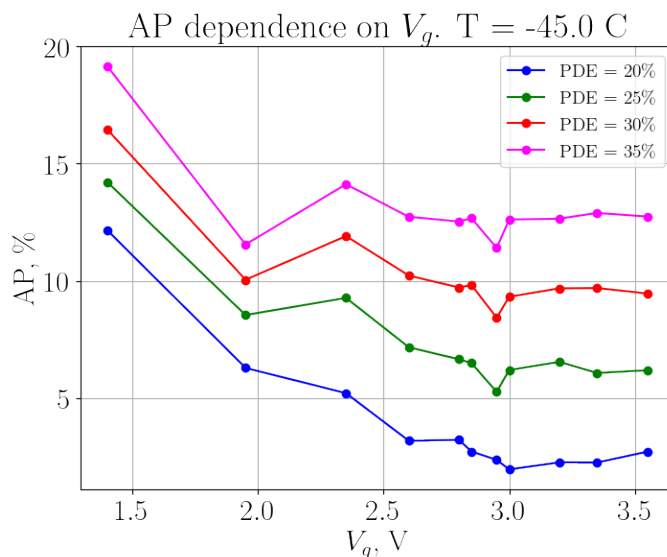
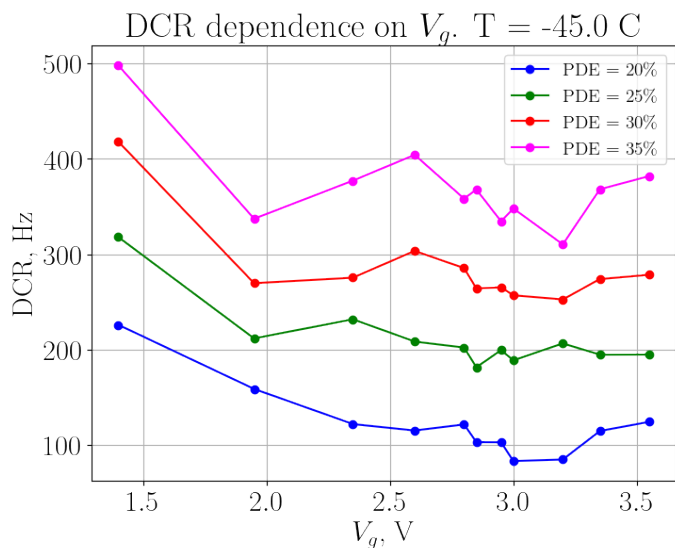
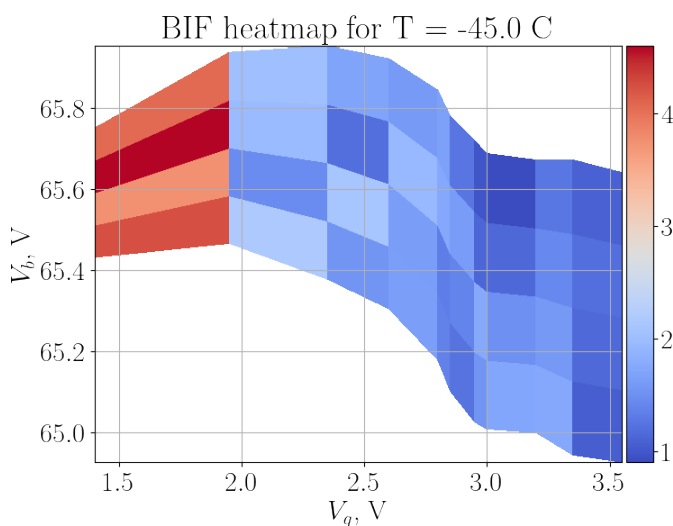
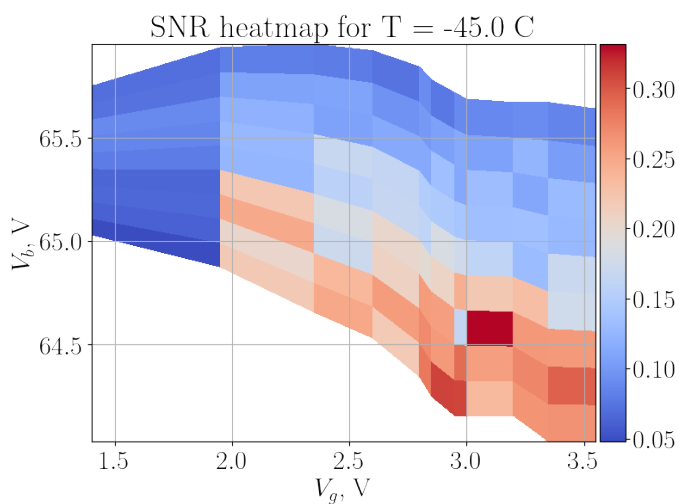
Optimal point

T = -45.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 20	20	83	0.2409	1.95	4.68	400	1.7
QE = 30	30	252	0.1188	9.67	4.64	320	1.4

Criterion	V <sub>g</sub> , V	V <sub>b</sub> , V	T, C
QE = 20	3.0	64.62	-45.0
QE = 30	3.2	65.26	-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 = 20	20	120	0.1661	2.25	4.71	520	1.4
QE = 30	30	274	0.1096	8.15	4.81	540	1.6

Criterion	V <sub>g</sub> , V	V <sub>b</sub> , V	T, C
QE = 20	2.6	65.55	-40.0
QE = 30	1.95	66.14	-40.0

## Graphic characteristics representation

