

SPD type: gated

SPD Name: Evlampiy

Date: 29.07.2021

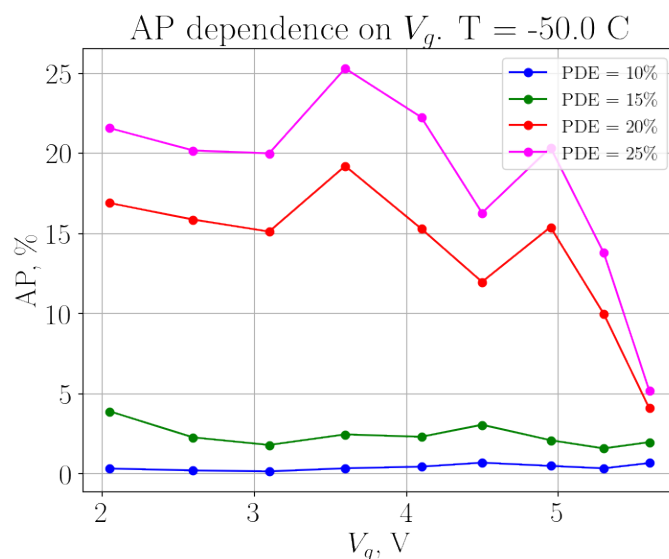
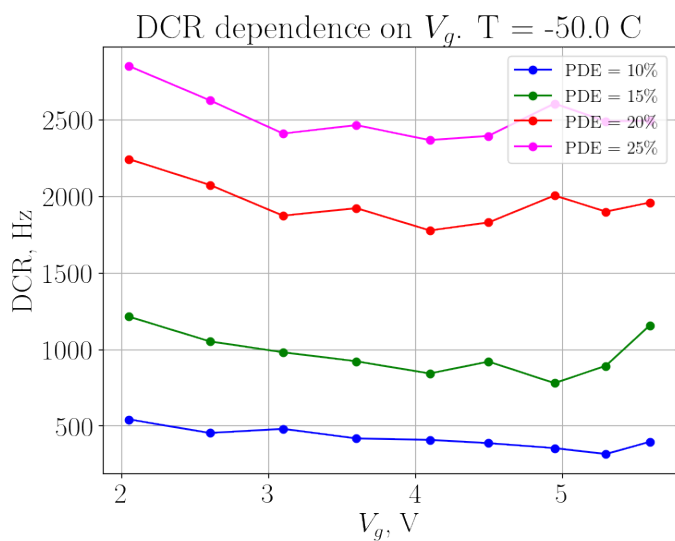
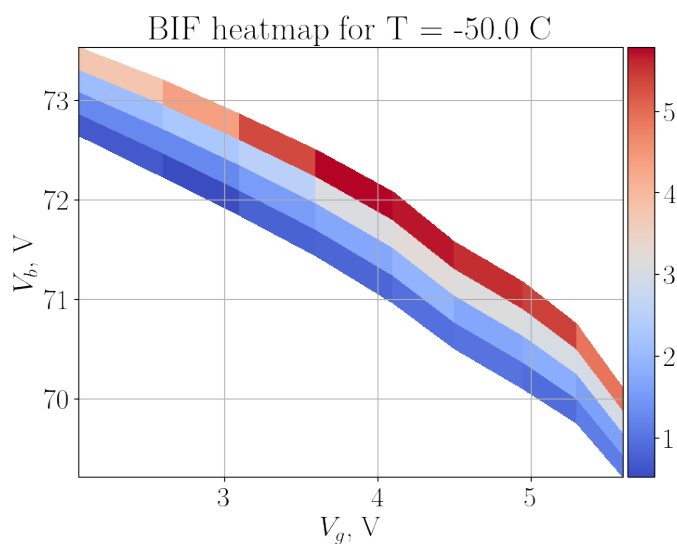
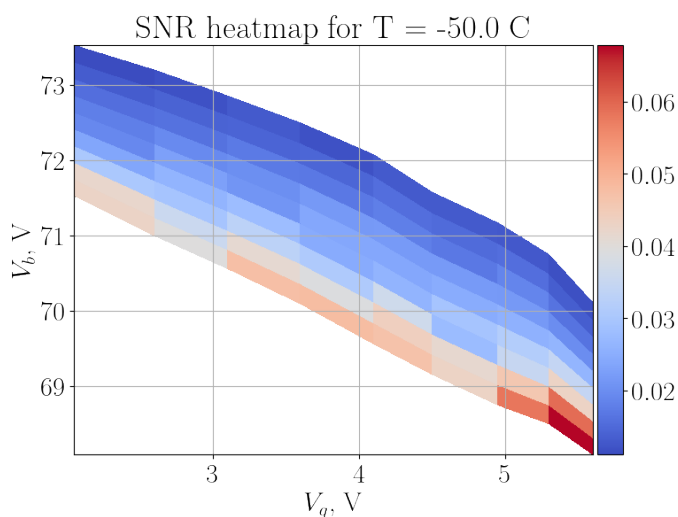
Optimal point

T = -50.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	314	0.0318	0.33	4.92	210	1.1
QE = 20	20	1775	0.0113	15.28	4.81	270	10.8

Criterion	V _g , V	V _b , V	T, C
QE = 10	5.3	69.31	-50.0
QE = 20	4.1	71.99	-50.0

Graphic characteristics representation



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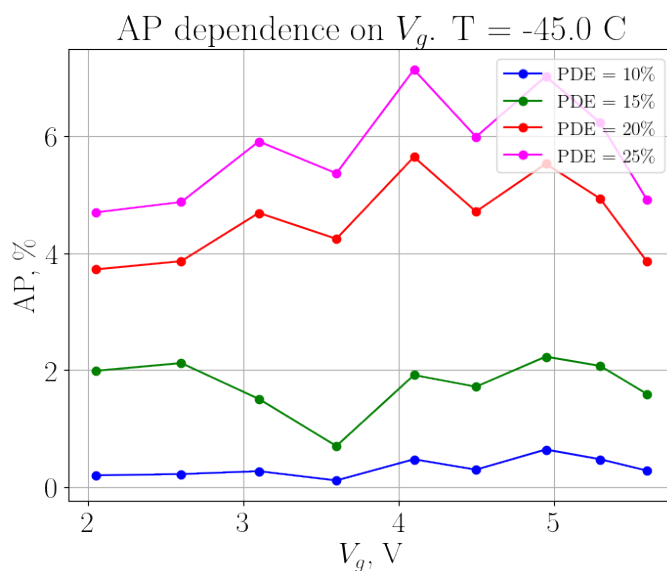
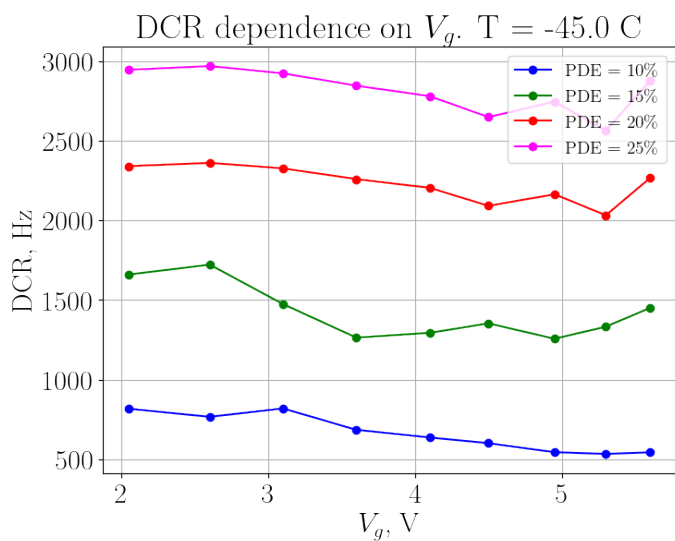
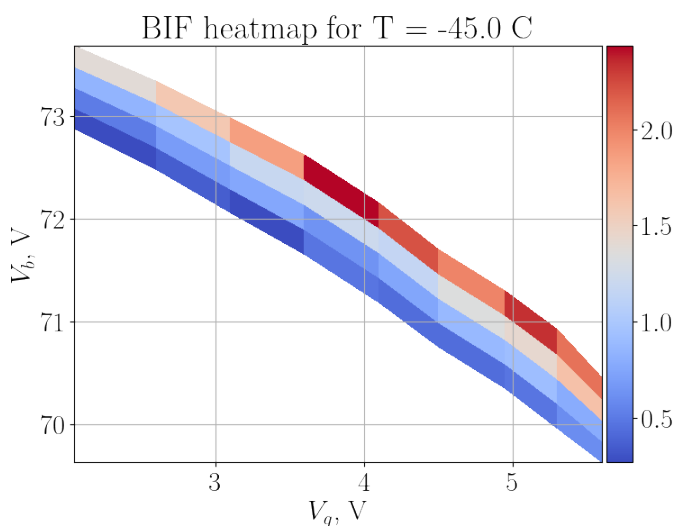
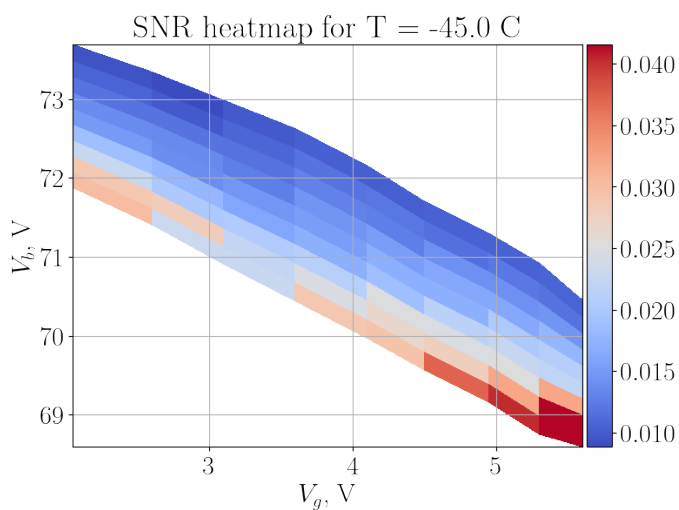
Optimal point

T = -45.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	532	0.0188	0.48	4.88	800	0.6
QE = 20	20	2032	0.0098	4.93	4.88	230	3.5

Criterion	V _g , V	V _b , V	T, C
QE = 10	5.3	69.85	-45.0
QE = 20	5.3	71.07	-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	784	0.0128	0.34	4.93	600	0.4
QE = 20	20	2491	0.008	2.0	4.79	270	1.5

Criterion	V _g , V	V _b , V	T, C
QE = 10	5.6	70.04	-40.0
QE = 20	5.3	71.57	-40.0

Graphic characteristics representation

