

SPD type: gated

SPD Name: Nikodim

Date: 22.07.2021

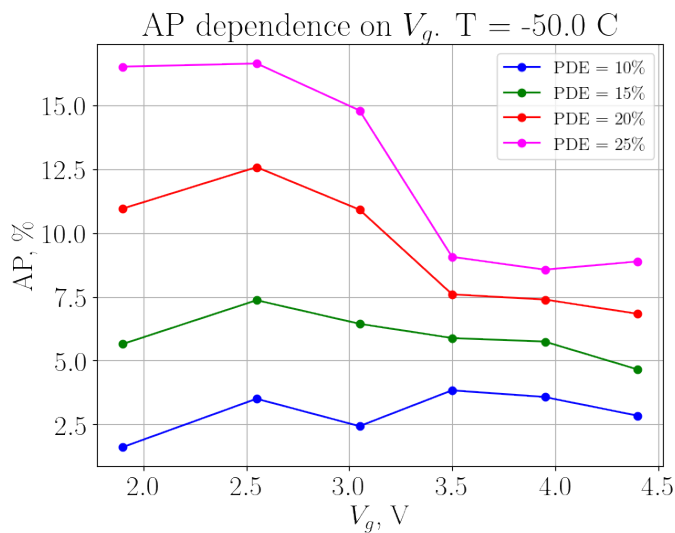
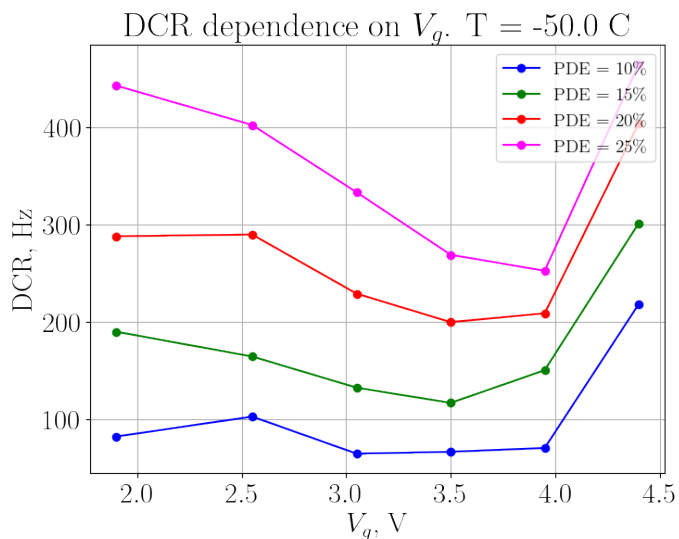
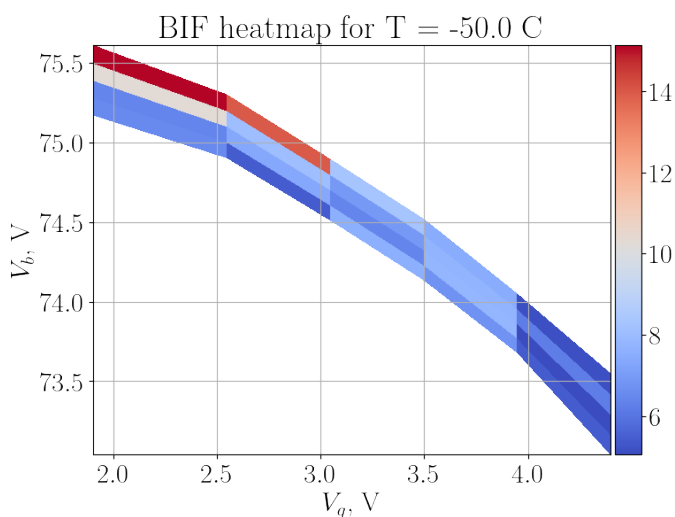
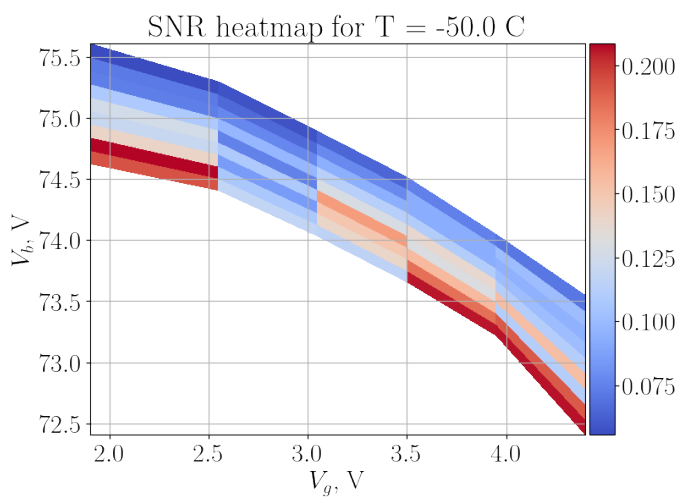
Optimal point

T = -50.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	64	0.1556	2.44	5.1	840	7.6
QE = 20	20	199	0.1003	7.59	2.76	800	7.8

Criterion	V _g , V	V _b , V	T, C
QE = 10	3.05	74.25	-50.0
QE = 20	3.5	74.18	-50.0

Graphic characteristics representation



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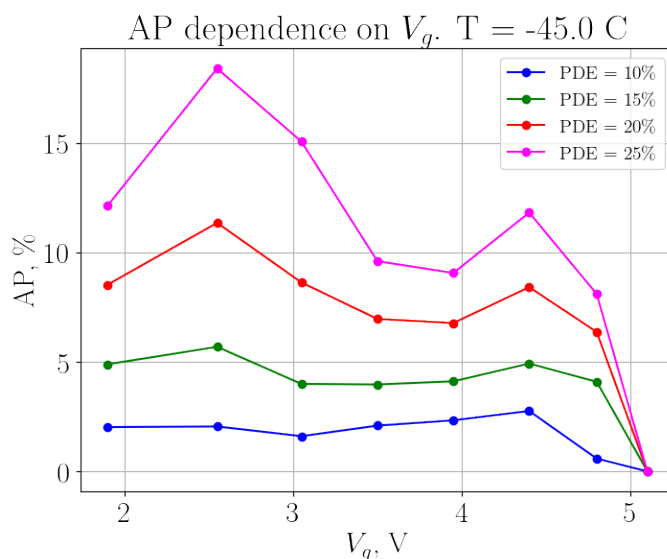
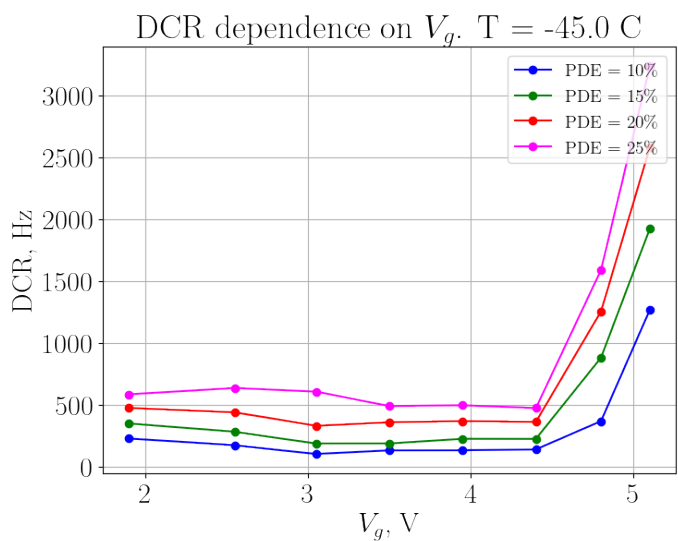
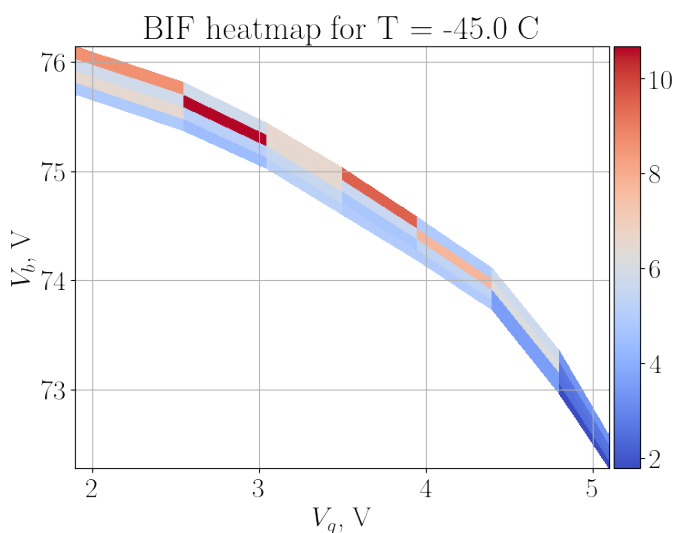
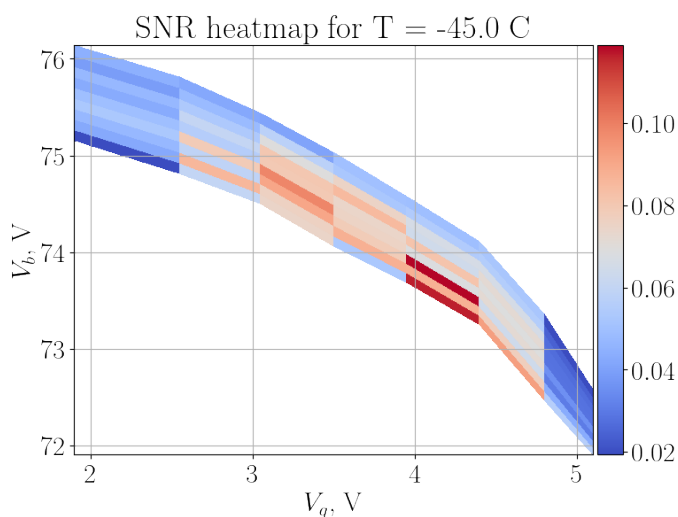
Optimal point

T = -45.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	104	0.0959	1.62	5.32	810	5.2
QE = 20	20	332	0.0602	8.63	5.32	400	6.5

Criterion	V _g , V	V _b , V	T, C
QE = 10	3.05	74.82	-45.0
QE = 20	3.05	75.2	-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	119	0.084	1.16	0.42	750	3.1
QE = 20	20	468	0.0428	6.6	0.42	360	4.0

Criterion	V _g , V	V _b , V	T, C
QE = 10	4.4	74.09	-40.0
QE = 20	4.4	74.47	-40.0

Graphic characteristics representation

