

SPD type: gated

SPD Name: RODION

Date: 21.07.2021

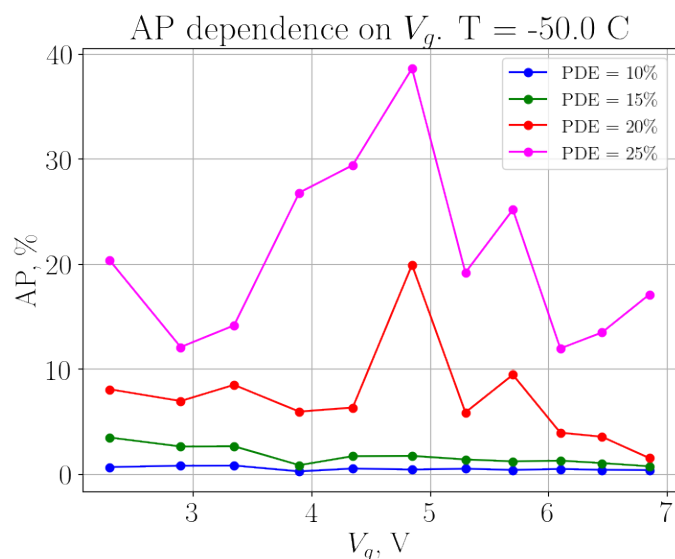
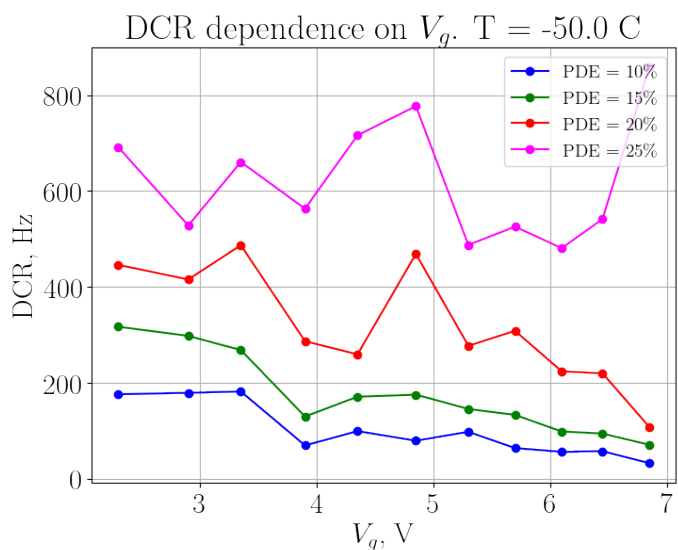
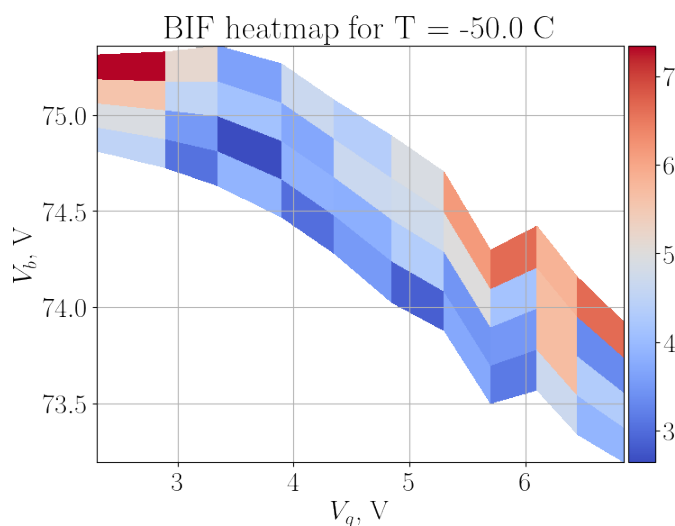
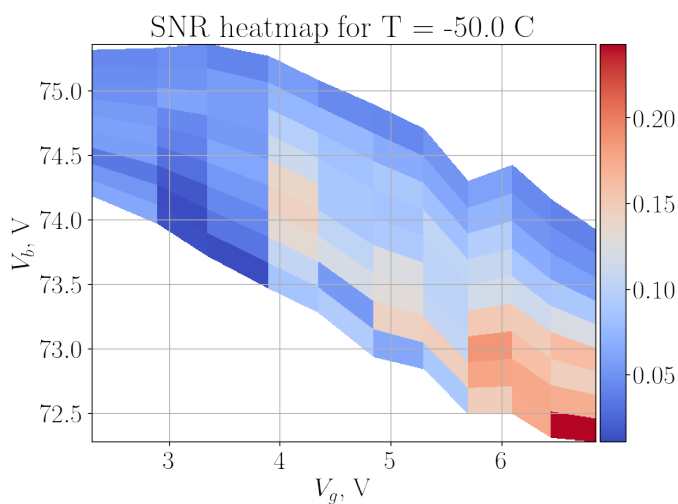
Optimal point

T = -50.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	34	0.2979	0.36	5.73	1400	4.1
QE = 20	20	109	0.1834	1.51	5.73	1400	4.1

Criterion	V _g , V	V _b , V	T, C
QE = 10	6.85	72.14	-50.0
QE = 20	6.85	72.78	-50.0

Graphic characteristics representation



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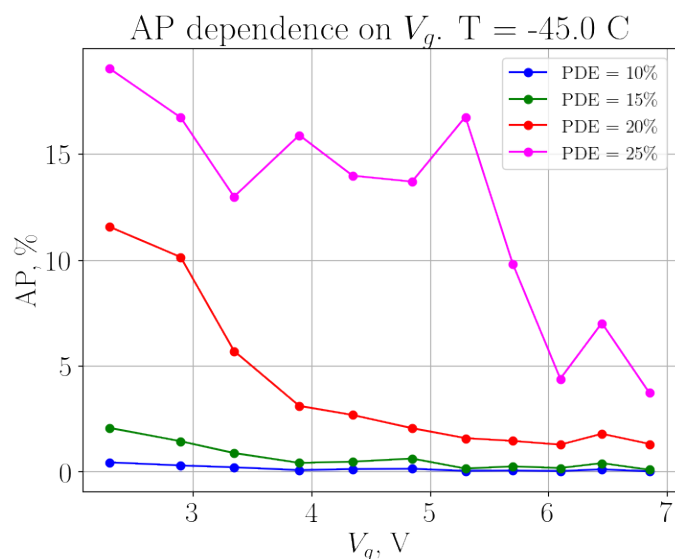
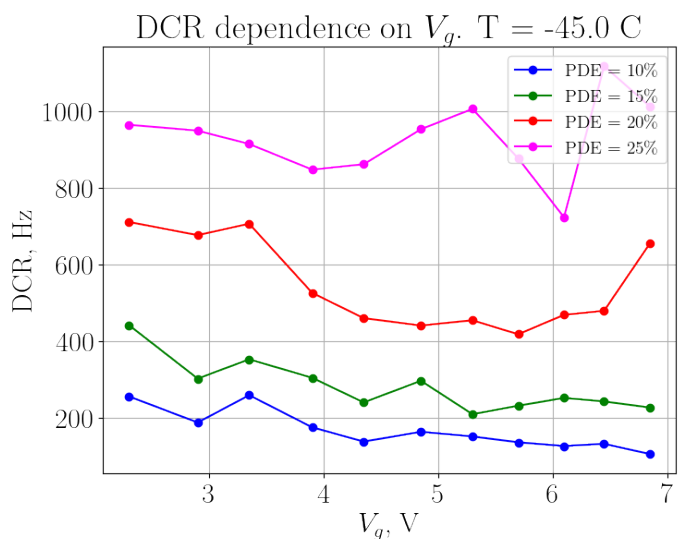
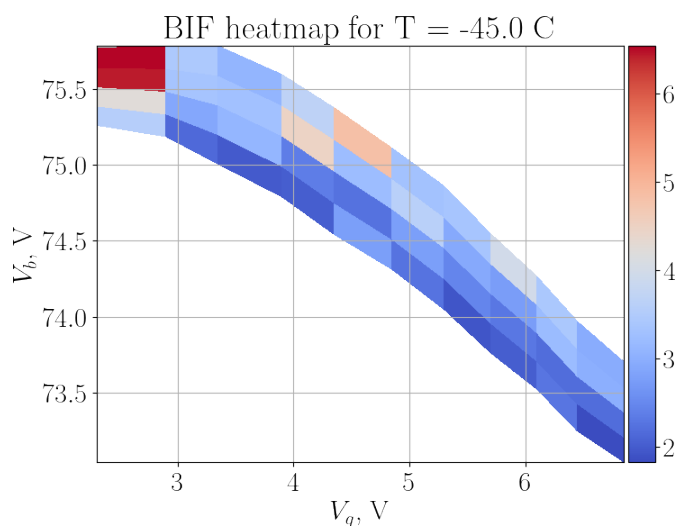
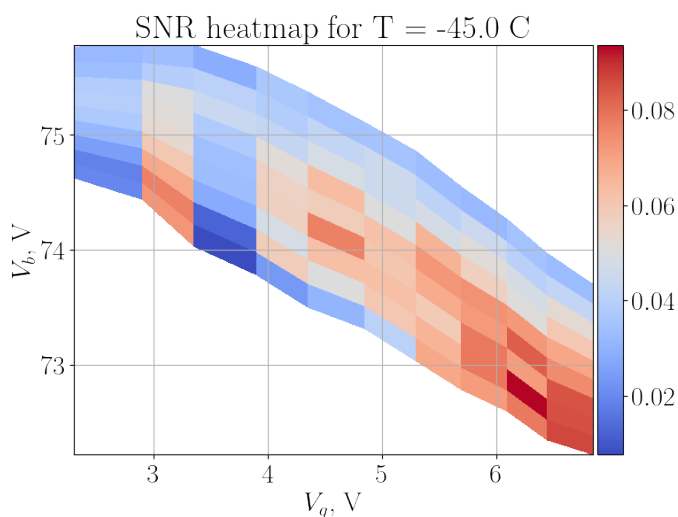
Optimal point

T = -45.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	106	0.0944	0.01	6.54	1380	1.4
QE = 20	20	418	0.0478	1.45	5.96	1400	2.8

Criterion	V _g , V	V _b , V	T, C
QE = 10	6.85	72.64	-45.0
QE = 20	5.7	74.06	-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	176	0.0567	0.04	3.92	1340	1.2
QE = 20	20	554	0.0361	1.13	3.86	1420	2.2

Criterion	V _g , V	V _b , V	T, C
QE = 10	6.85	73.23	-40.0
QE = 20	5.3	74.79	-40.0

Graphic characteristics representation

