

SPD type: gated

SPD Name: Alyonushka

Date: 02.12.2021

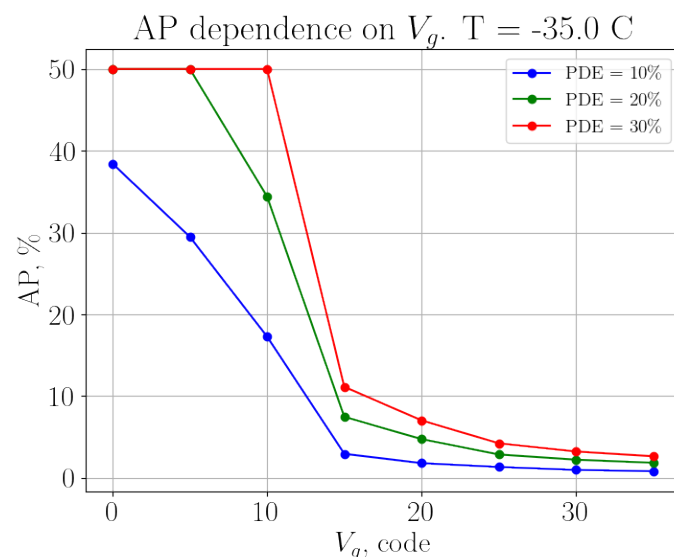
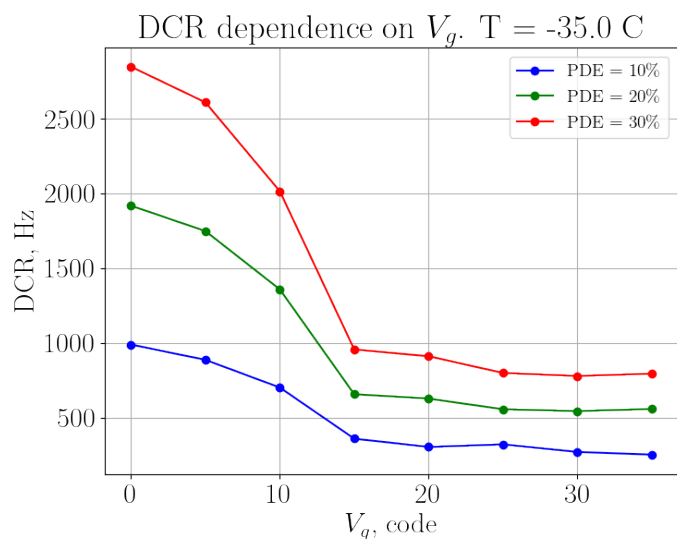
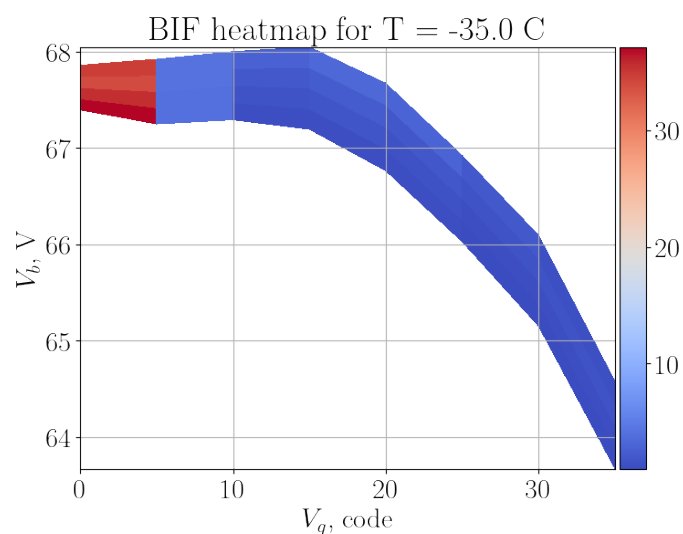
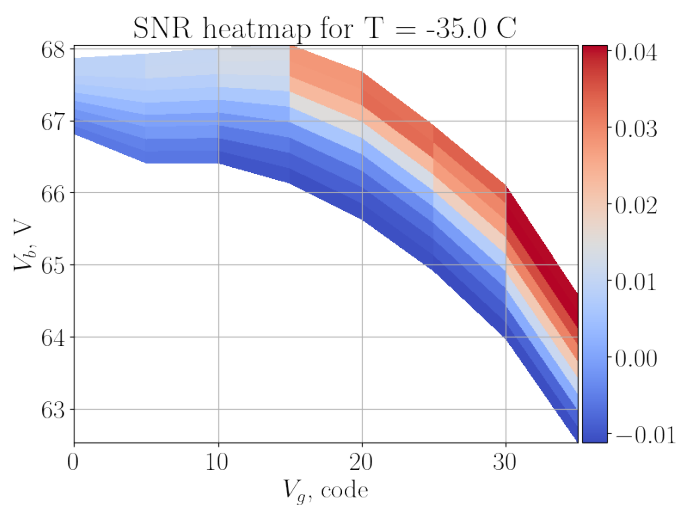
Optimal point

T = -35.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	251	0.0398	0.82	7.07	1760	1.1
QE = 20	20	543	0.0368	2.23	7.08	1620	1.1
QE = 30	30	778	0.0386	3.23	7.08	1620	1.1

Criterion	V _g , code	V _b , V	T, C
QE = 10	35	63.85	-35.0
QE = 20	30	66.36	-35.0
QE = 30	30	67.55	-35.0

Graphic characteristics representation



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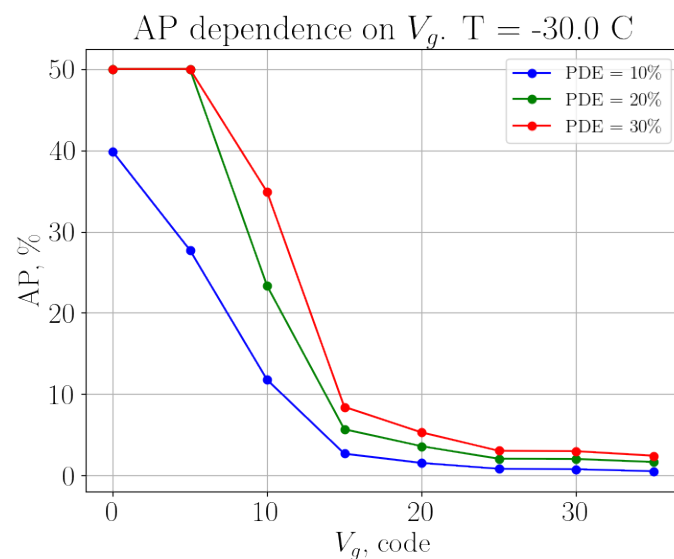
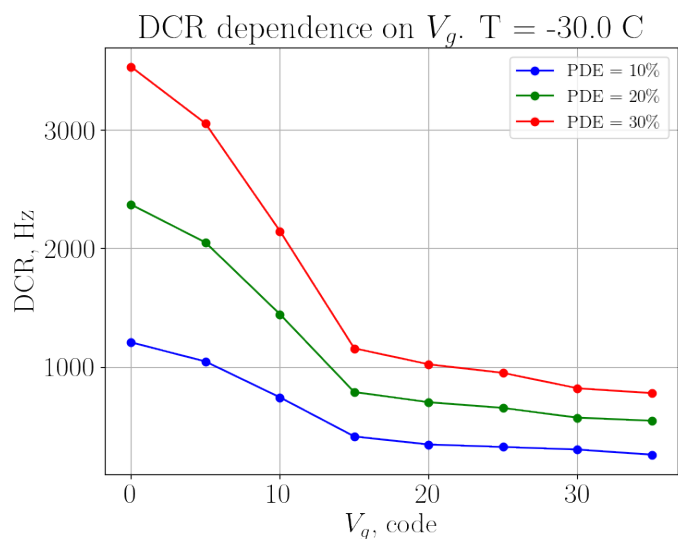
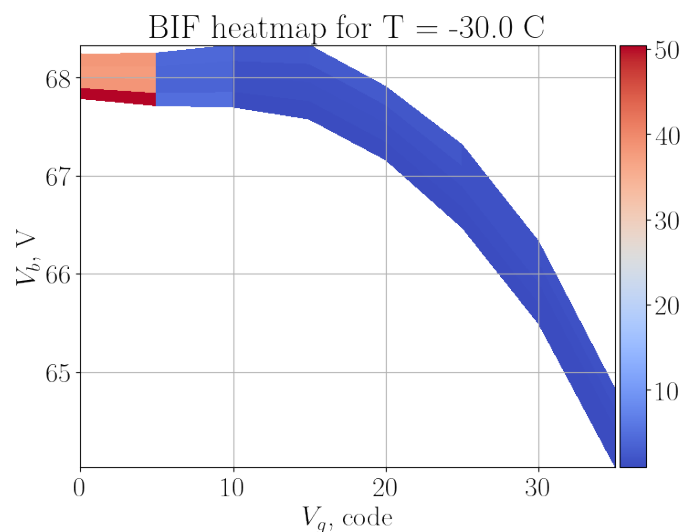
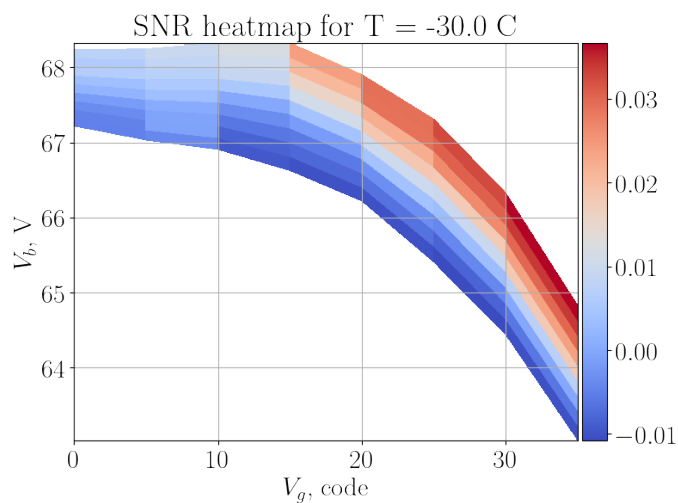
Optimal point

T = -30.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	258	0.0387	0.5	7.09	1770	1.0
QE = 20	20	544	0.0368	1.63	7.09	1700	0.9
QE = 30	30	778	0.0386	2.41	7.09	1700	0.9

Criterion	V _g , code	V _b , V	T, C
QE = 10	35	64.24	-30.0
QE = 20	35	65.19	-30.0
QE = 30	35	66.27	-30.0

Graphic characteristics representation



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Optimal point

T = -25.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	319	0.0313	0.59	7.08	1760	1.1
QE = 20	20	608	0.0329	1.1	7.08	1810	1.0
QE = 30	30	883	0.034	1.57	7.08	1810	1.0

Criterion	V _g , code	V _b , V	T, C
QE = 10	35	64.78	-25.0
QE = 20	35	65.72	-25.0
QE = 30	35	66.84	-25.0

Graphic characteristics representation

