

SPD type: gated

SPD Name: Alyonushka

Date: 02.12.2021

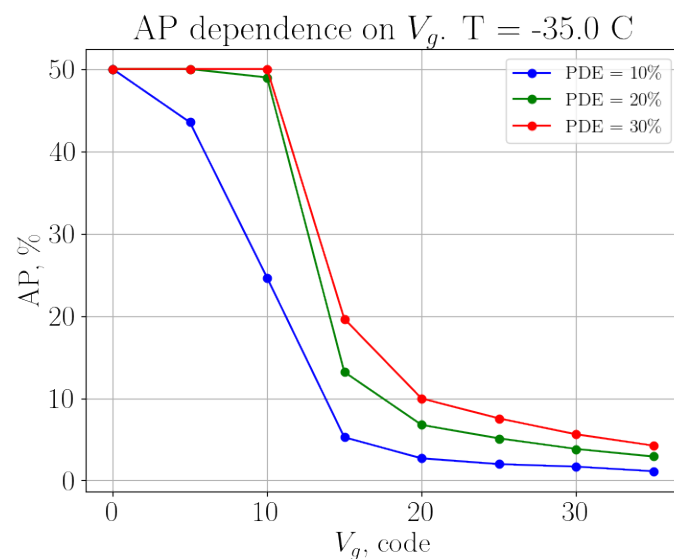
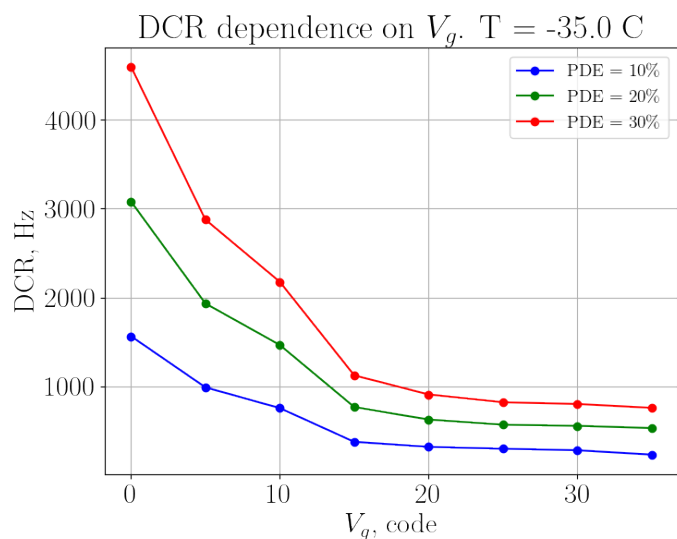
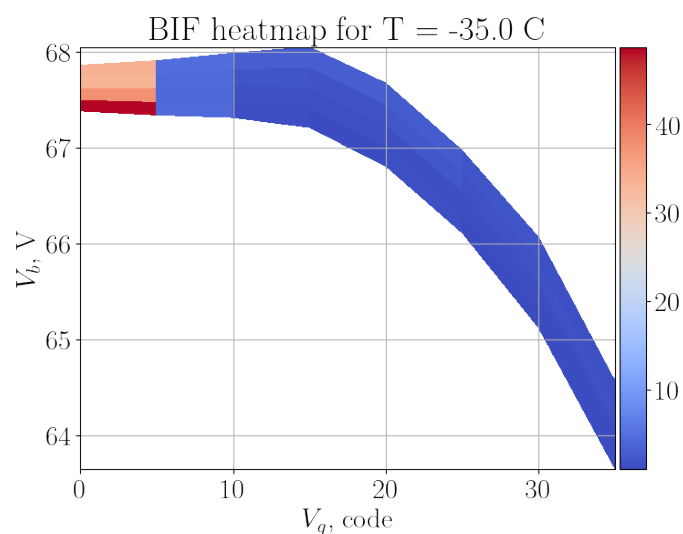
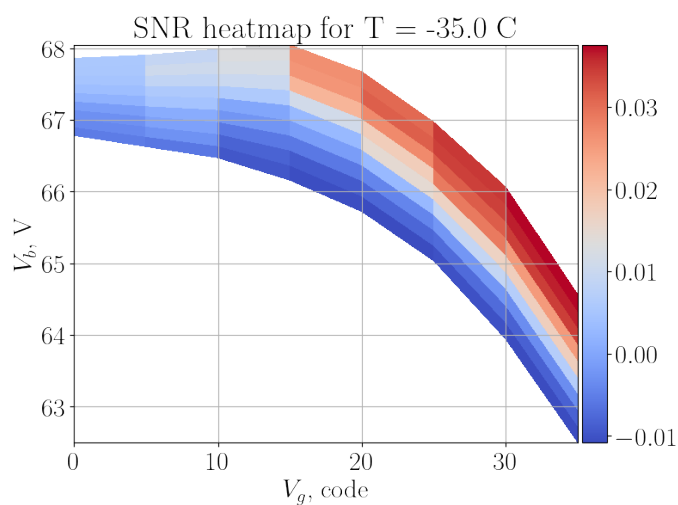
Optimal point

T = -35.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	232	0.0432	1.12	4.99	1740	1.1
QE = 20	20	531	0.0377	2.91	4.99	1620	1.2
QE = 30	30	757	0.0396	4.23	4.99	1620	1.2

Criterion	V _g , code	V _b , V	T, C
QE = 10	35	63.8	-35.0
QE = 20	35	64.8	-35.0
QE = 30	35	65.96	-35.0

Graphic characteristics representation



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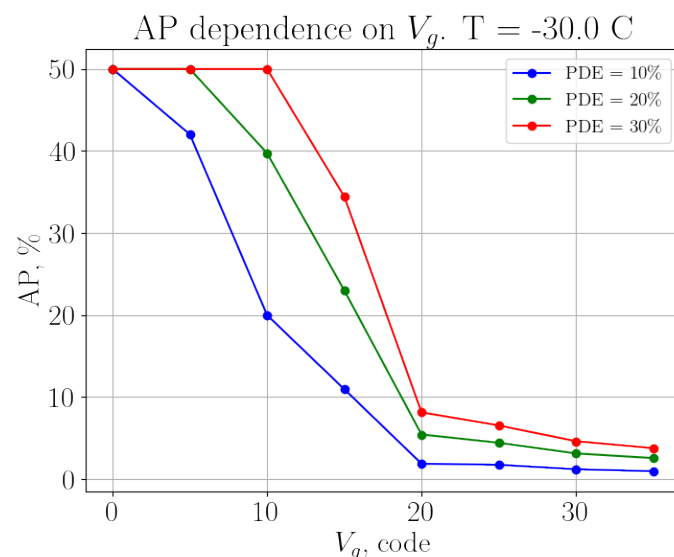
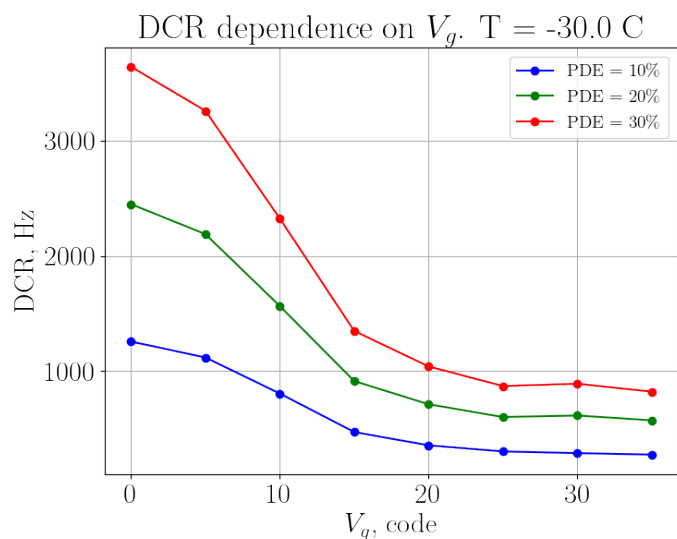
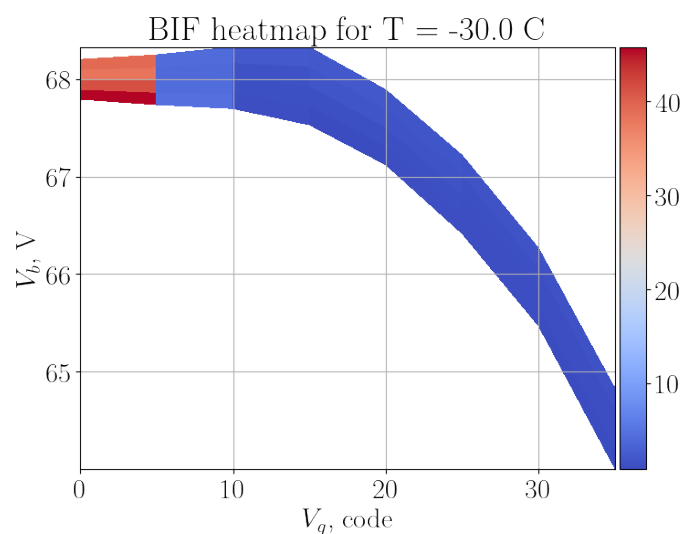
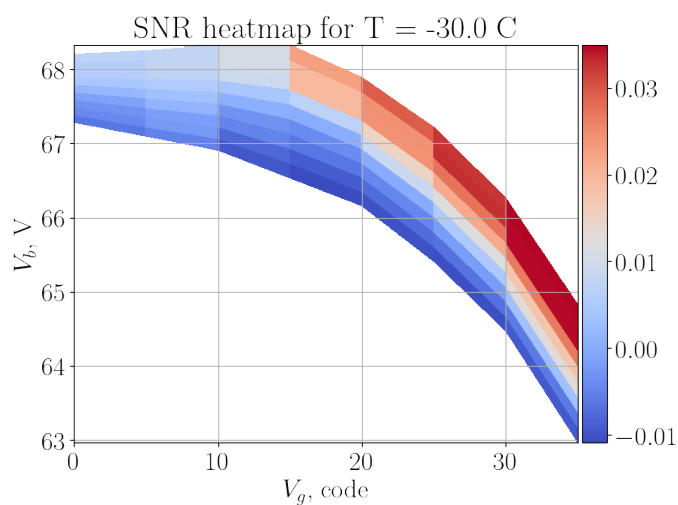
Optimal point

T = -30.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	275	0.0364	0.96	4.99	1710	0.7
QE = 20	20	572	0.035	2.55	4.99	1880	1.1
QE = 30	30	822	0.0365	3.76	4.99	1880	1.1

Criterion	V _g , code	V _b , V	T, C
QE = 10	35	64.3	-30.0
QE = 20	35	65.29	-30.0
QE = 30	35	66.44	-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	305	0.0328	0.81	5.01	1730	1.1
QE = 20	20	629	0.0318	2.28	5.01	1610	1.3
QE = 30	30	913	0.0329	3.38	5.01	1610	1.3

Criterion	V _g , code	V _b , V	T, C
QE = 10	35	64.78	-25.0
QE = 20	35	65.77	-25.0
QE = 30	35	66.87	-25.0

Graphic characteristics representation

