

SPD type: gated

SPD Name: Alyonushka

Date: 02.12.2021

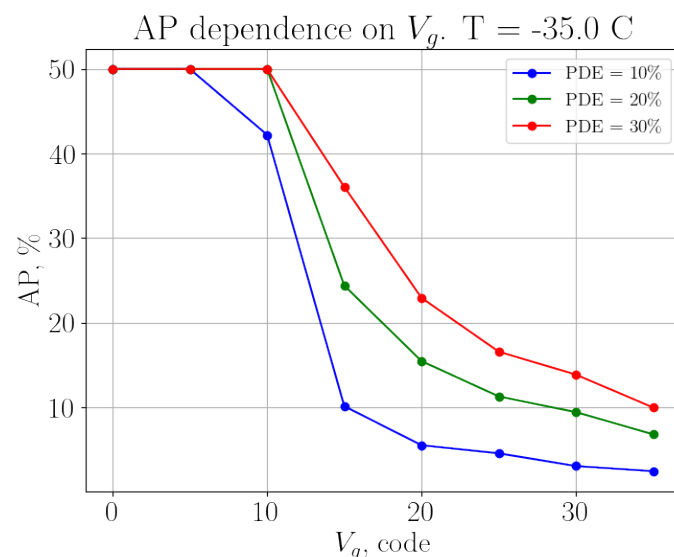
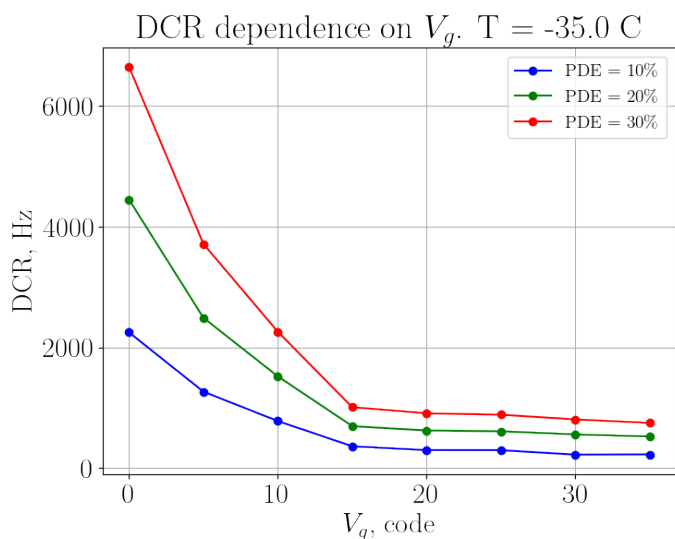
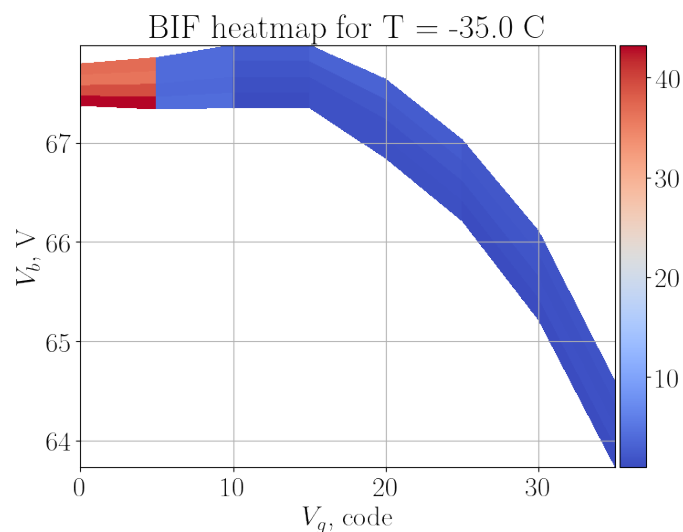
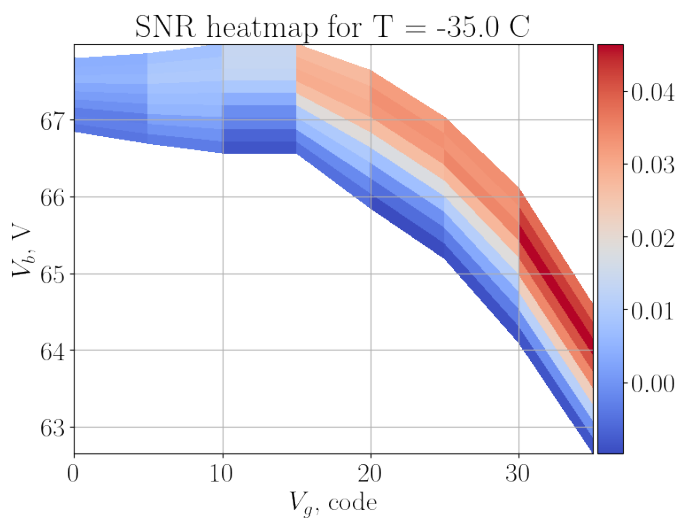
Optimal point

T = -35.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	222	0.045	3.03	1.87	1730	1.5
QE = 20	20	524	0.0381	6.79	1.89	1820	1.2
QE = 30	30	749	0.0401	9.95	1.89	1820	1.2

Criterion	V _g , code	V _b , V	T, C
QE = 10	30	65.37	-35.0
QE = 20	35	64.85	-35.0
QE = 30	35	65.94	-35.0

Graphic characteristics representation



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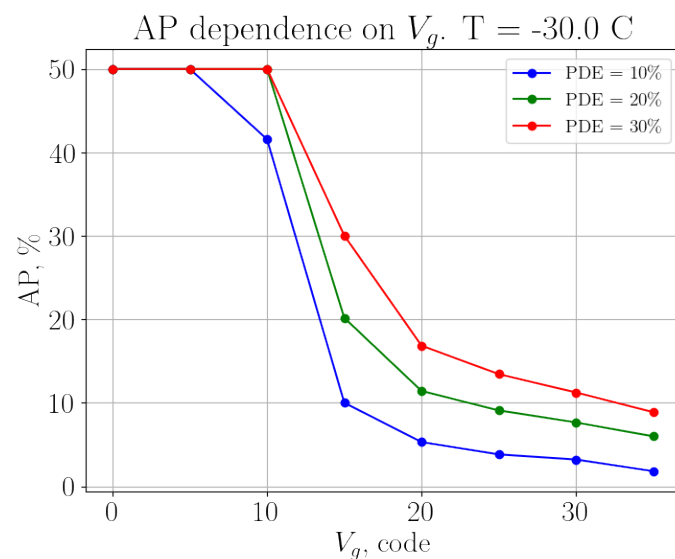
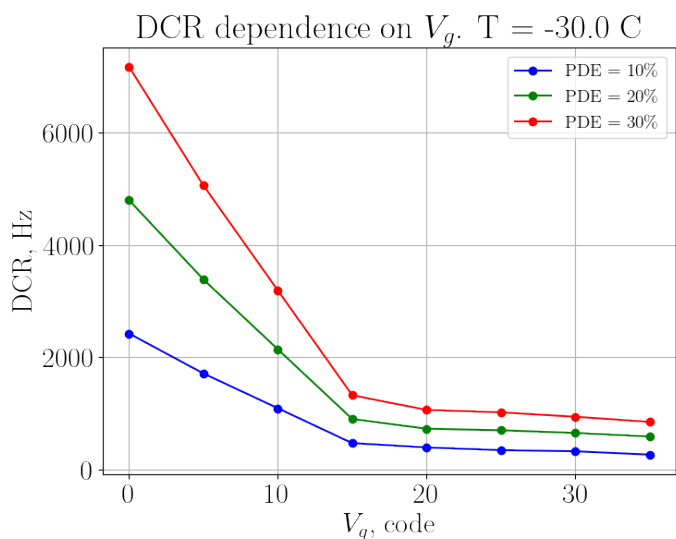
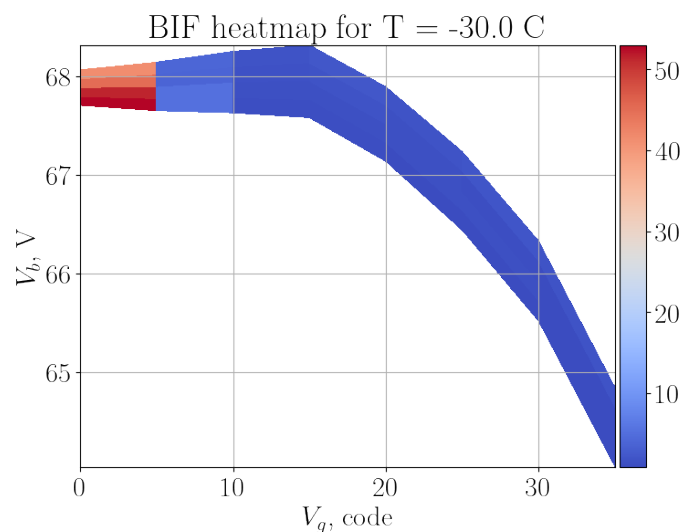
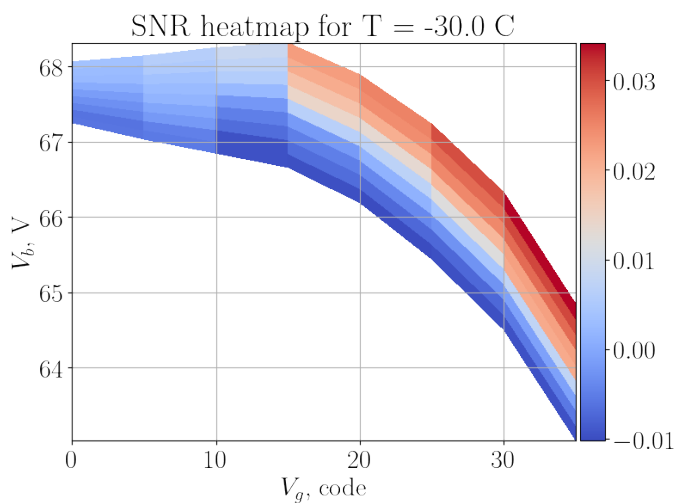
Optimal point

T = -30.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	265	0.0377	1.82	1.95	1770	1.0
QE = 20	20	590	0.0339	6.0	1.95	1600	1.3
QE = 30	30	848	0.0354	8.9	1.95	1600	1.3

Criterion	V _g , code	V _b , V	T, C
QE = 10	35	64.28	-30.0
QE = 20	35	65.33	-30.0
QE = 30	35	66.48	-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	4	2.2488	1.16	1.5	890	66.0
QE = 20	20	9	2.2488	2.32	1.5	890	66.0
QE = 30	30	13	2.2488	3.47	1.5	890	66.0

Criterion	V _g , code	V _b , V	T, C
QE = 10	0	66.4	-25.0
QE = 20	0	66.52	-25.0
QE = 30	0	66.64	-25.0

Graphic characteristics representation

