

SPD type: gated

SPD Name: Alyonushka

Date: 02.12.2021

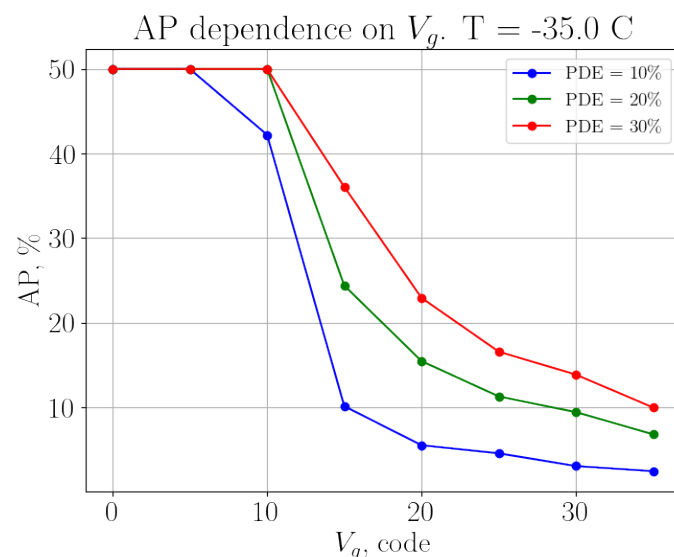
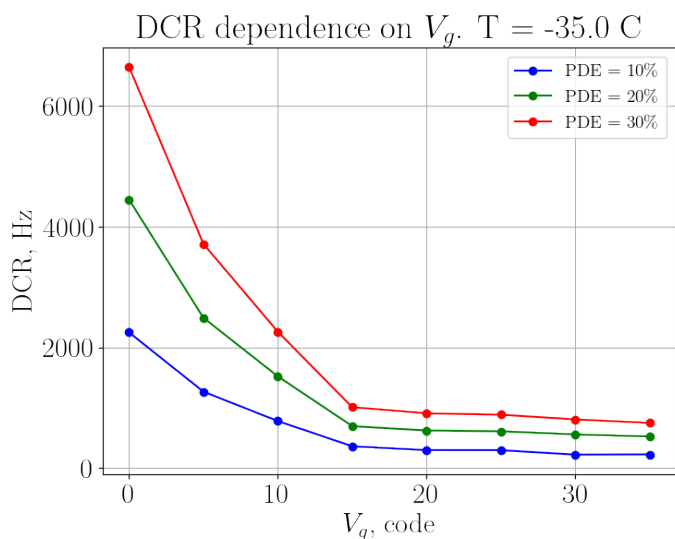
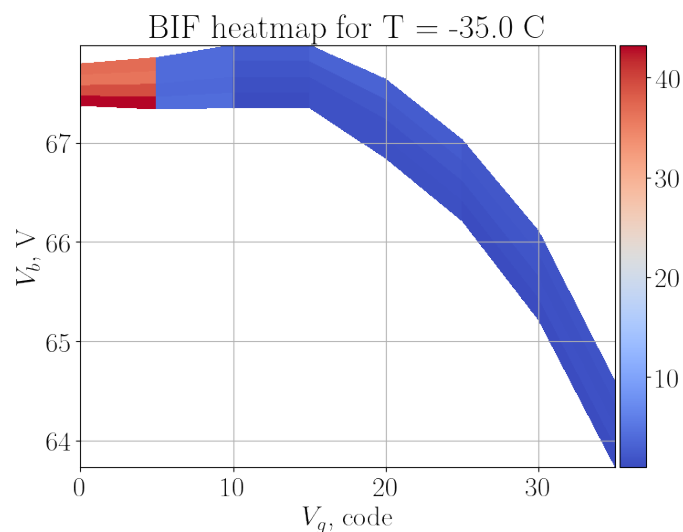
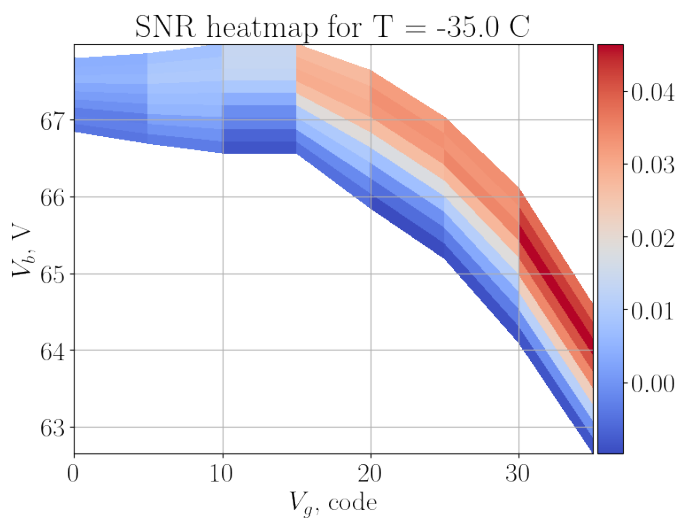
Optimal point

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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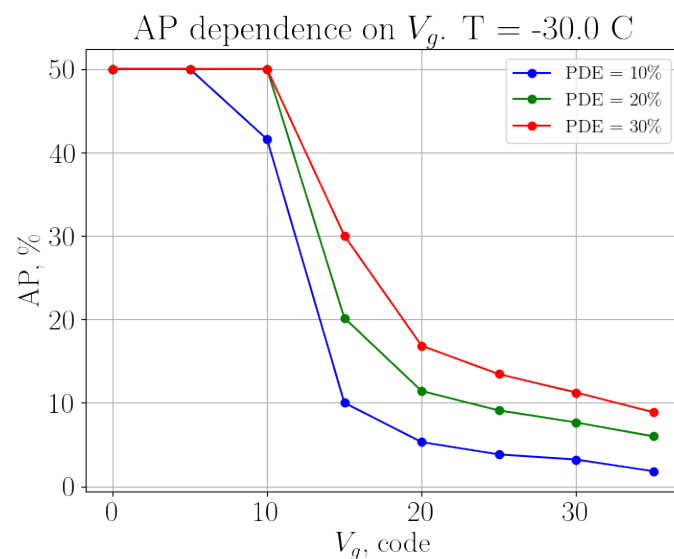
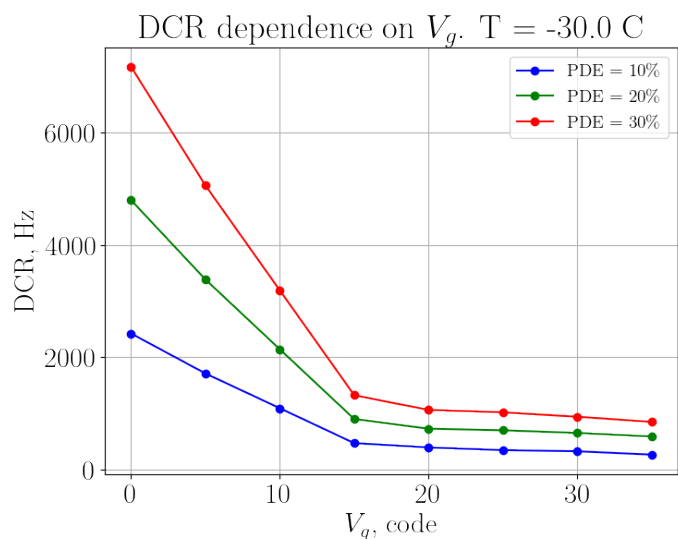
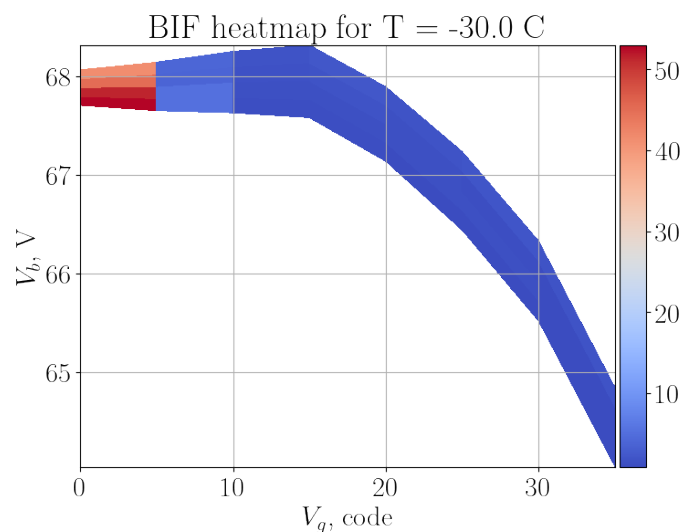
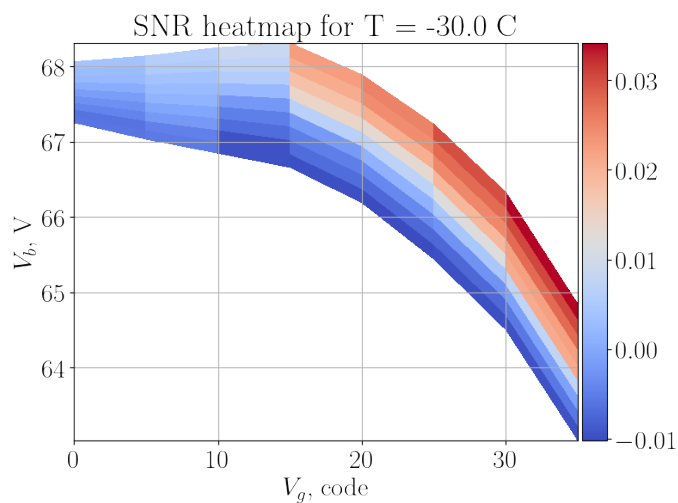
Optimal point

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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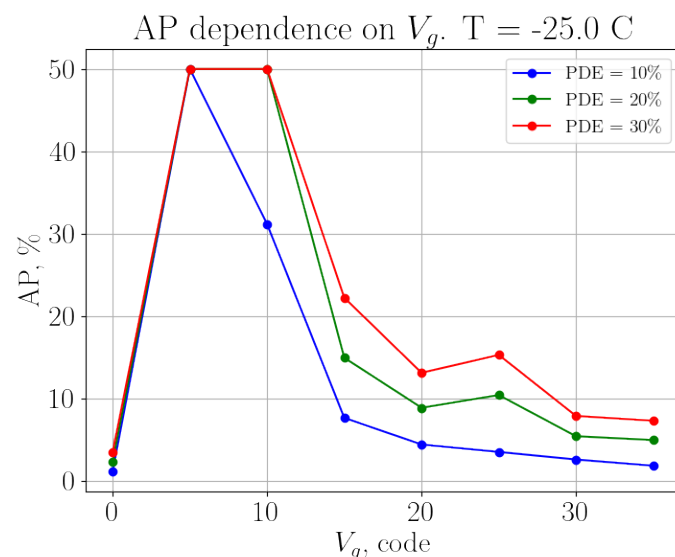
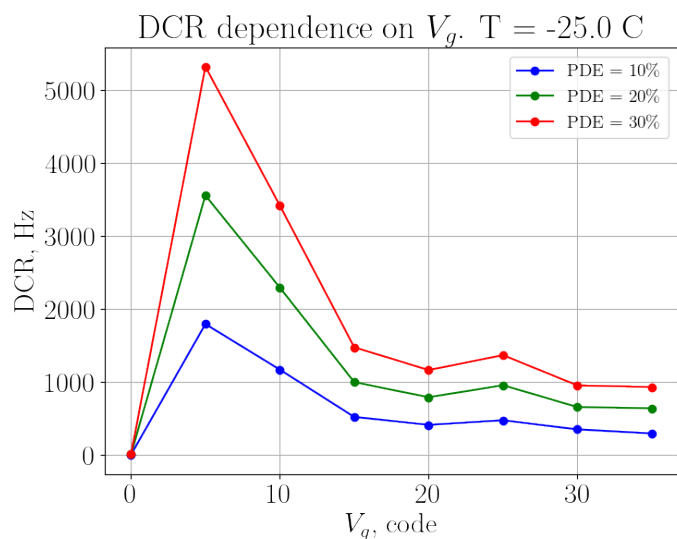
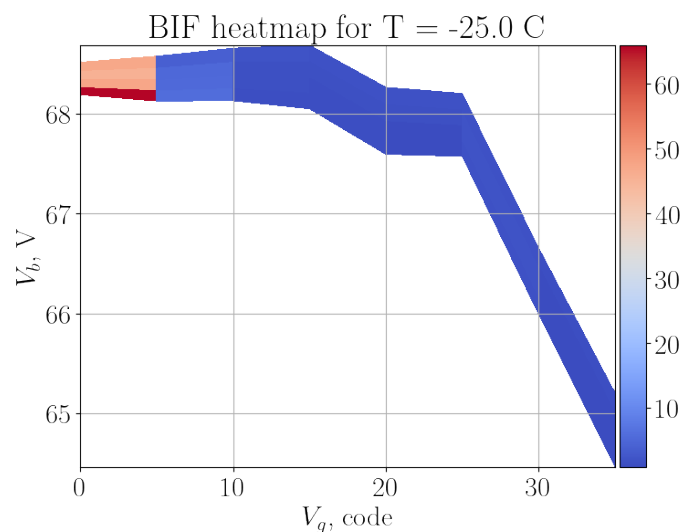
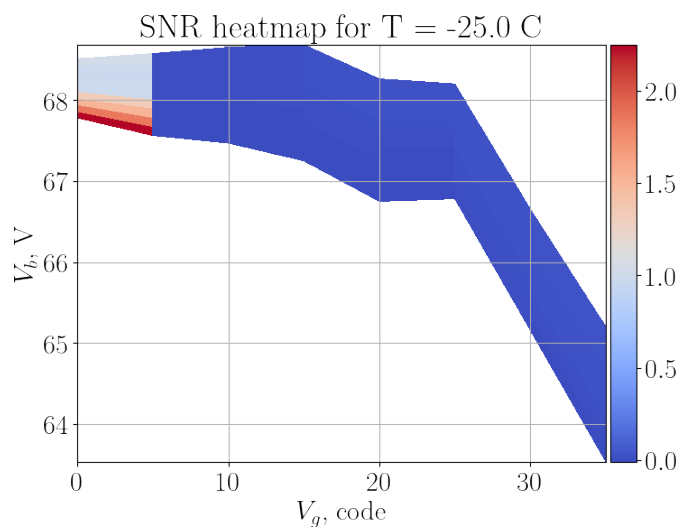
Optimal point

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



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SPD Name: Alyonushka

Date: 02.12.2021

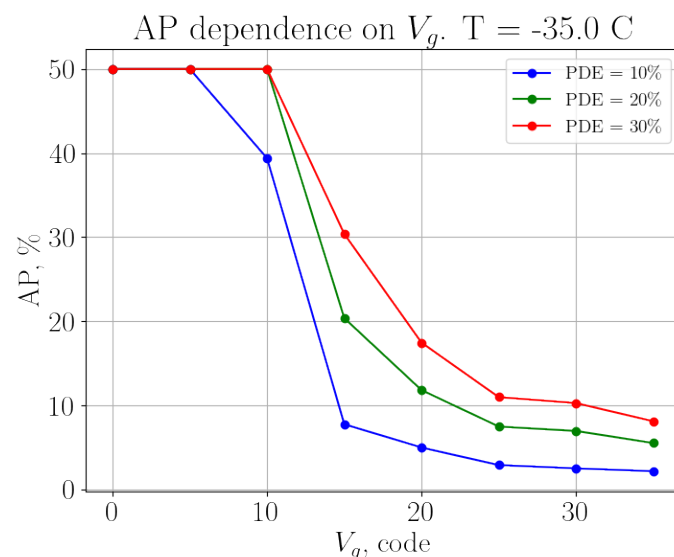
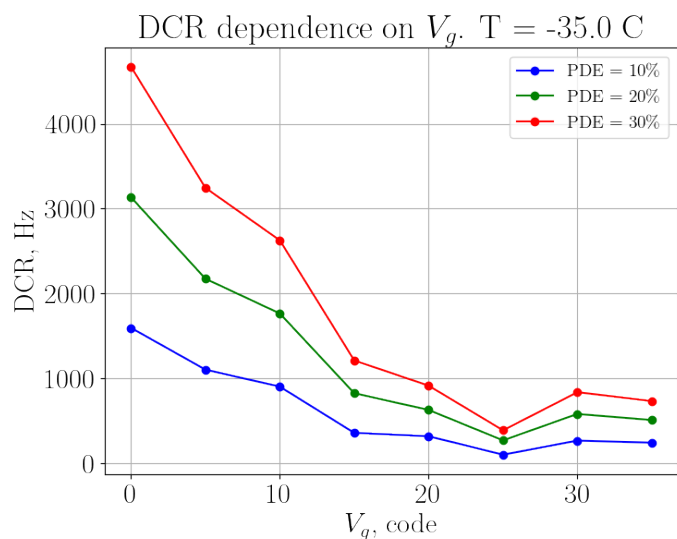
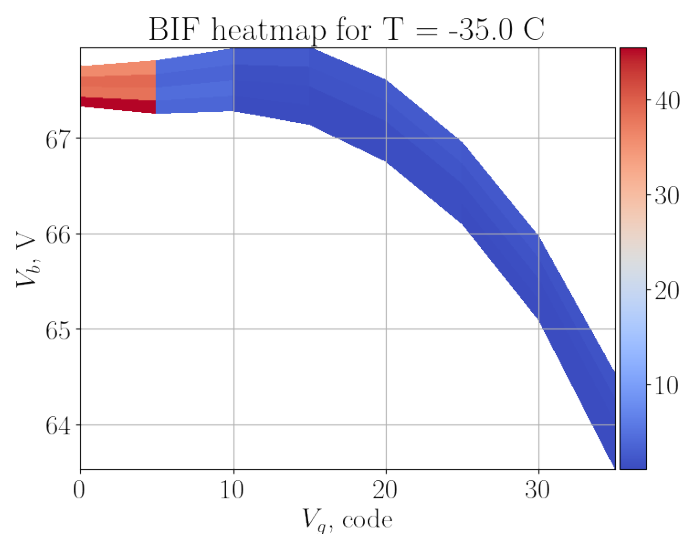
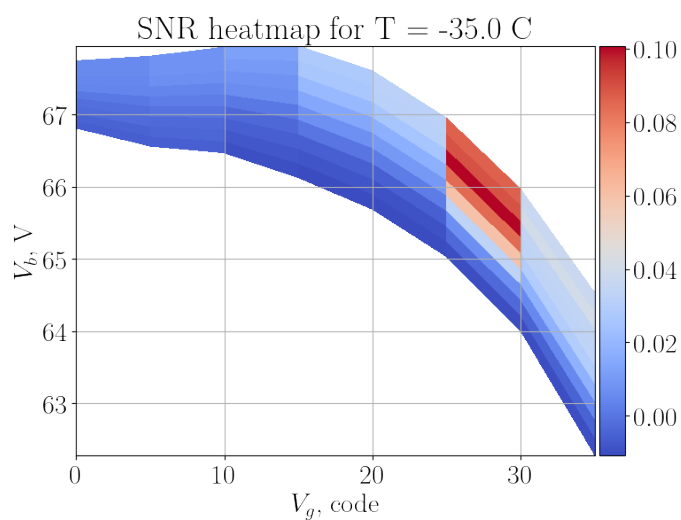
Optimal point

T = -35.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	101	0.0986	2.88	2.62	1660	1.3
QE = 20	20	270	0.074	7.47	2.62	1600	2.1
QE = 30	30	389	0.0772	10.97	2.62	1600	2.1

Criterion	V _g , code	V _b , V	T, C
QE = 10	25	66.34	-35.0
QE = 20	25	67.22	-35.0
QE = 30	25	68.31	-35.0

Graphic characteristics representation



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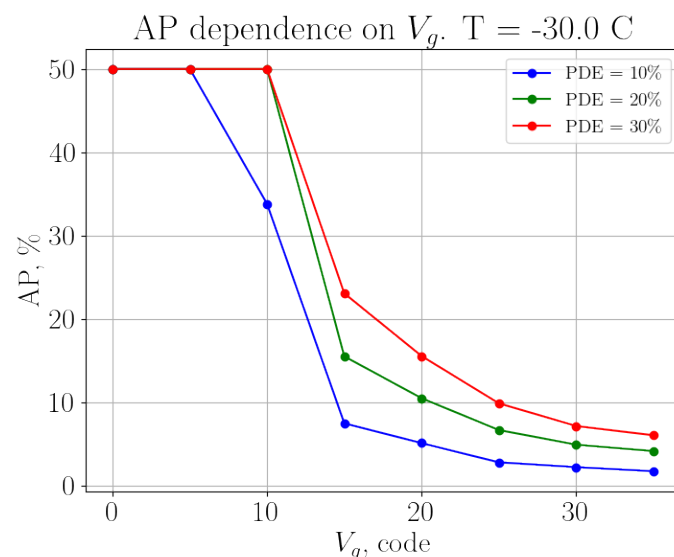
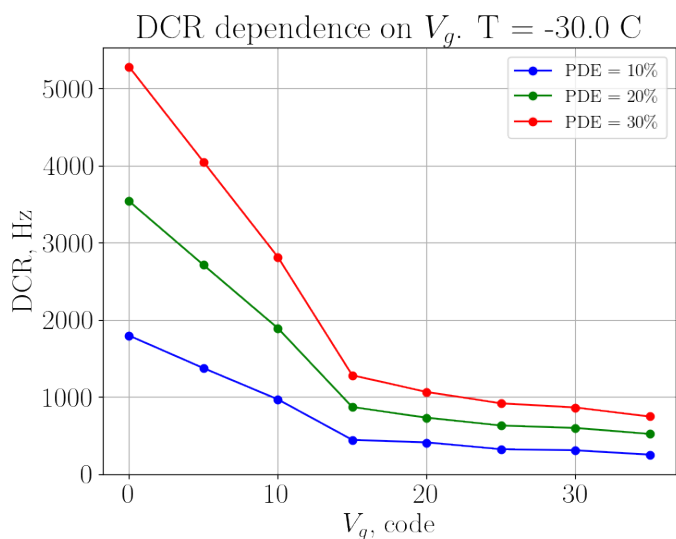
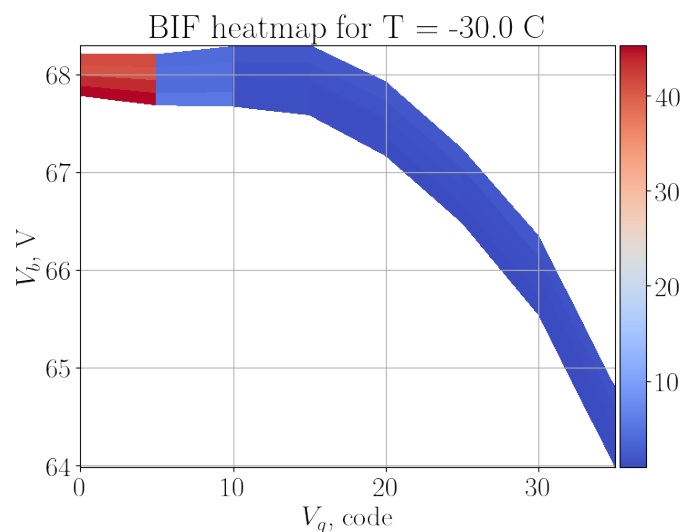
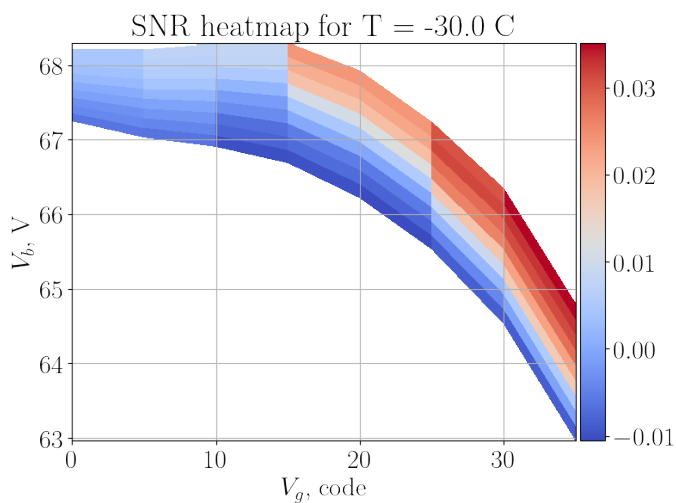
Optimal point

T = -30.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	251	0.0399	1.72	2.51	1750	0.9
QE = 20	20	519	0.0385	4.14	2.51	1630	1.3
QE = 30	30	746	0.0402	6.03	2.51	1630	1.3

Criterion	V _g , code	V _b , V	T, C
QE = 10	35	64.24	-30.0
QE = 20	35	65.22	-30.0
QE = 30	35	66.35	-30.0

Graphic characteristics representation



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SPD Name: Alyonushka

Date: 02.12.2021

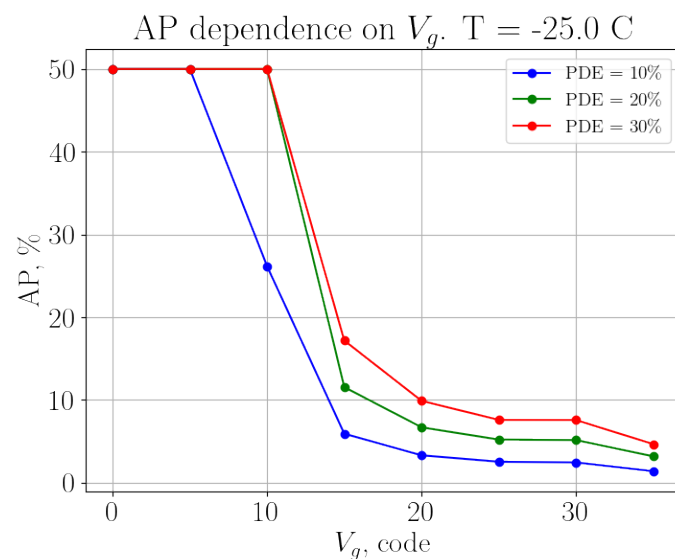
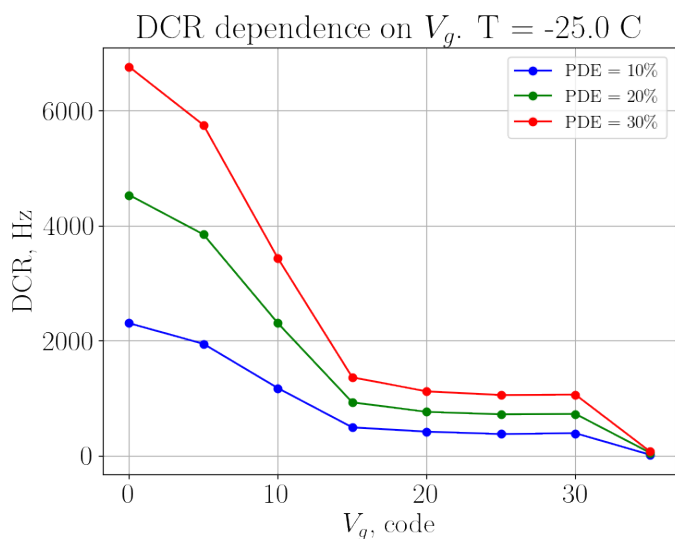
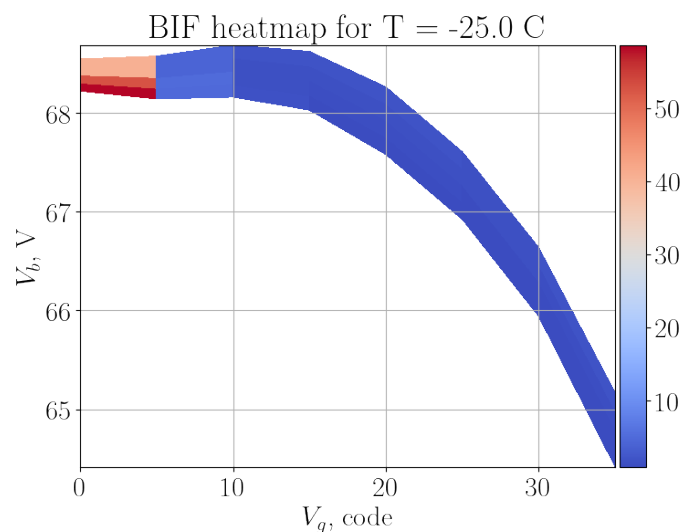
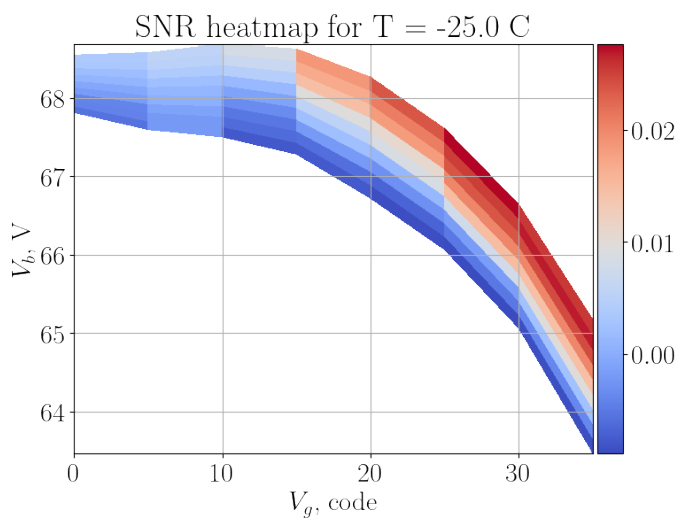
Optimal point

T = -25.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	14	0.7361	1.37	2.67	1650	0.8
QE = 20	20	49	0.4117	3.17	2.67	1610	1.4
QE = 30	30	72	0.4193	4.65	2.67	1610	1.4

Criterion	V _g , code	V _b , V	T, C
QE = 10	35	64.63	-25.0
QE = 20	35	65.26	-25.0
QE = 30	35	66.16	-25.0

Graphic characteristics representation



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Date: 02.12.2021

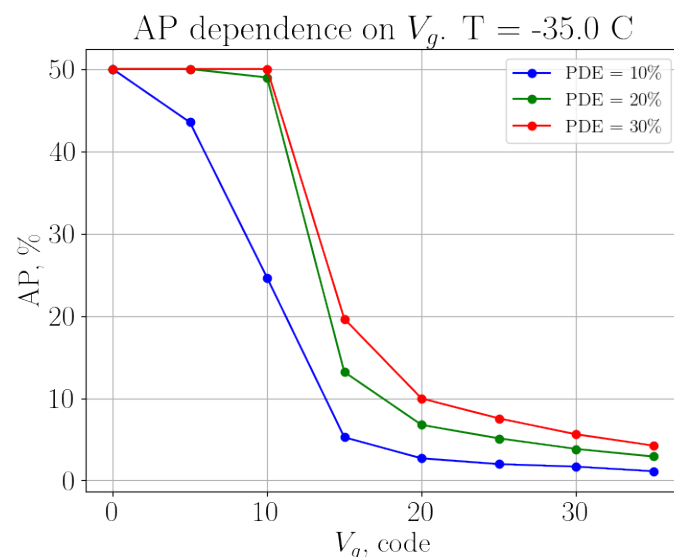
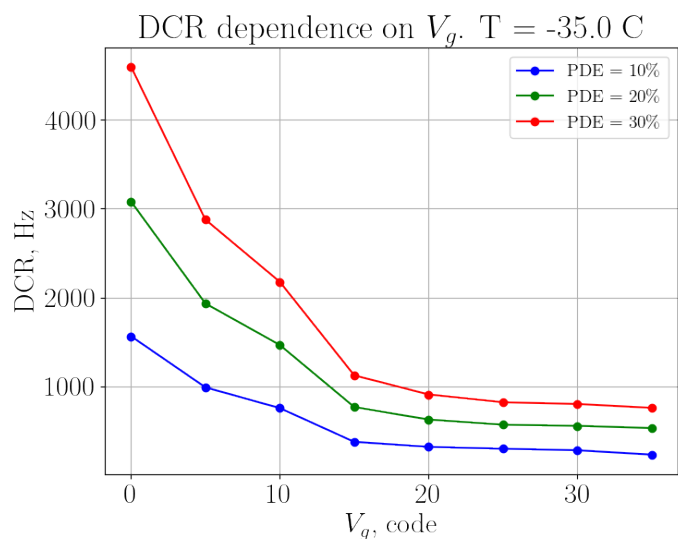
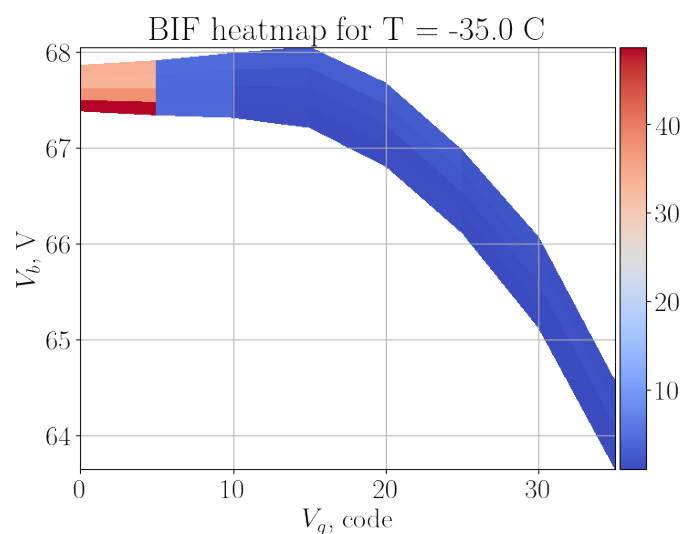
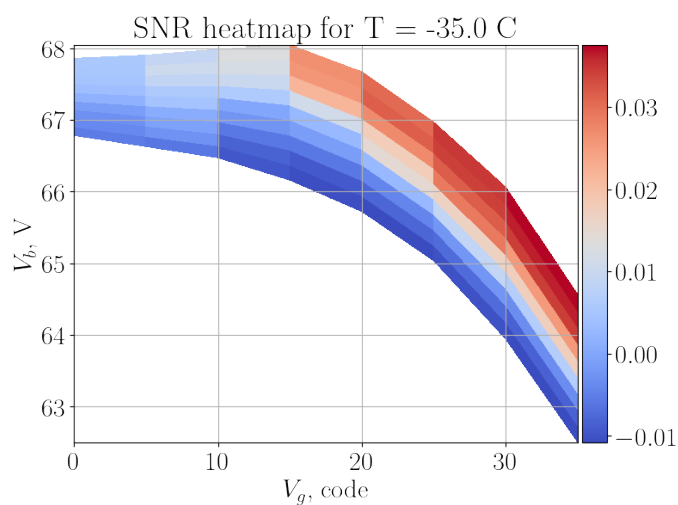
Optimal point

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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SPD Name: Alyonushka

Date: 02.12.2021

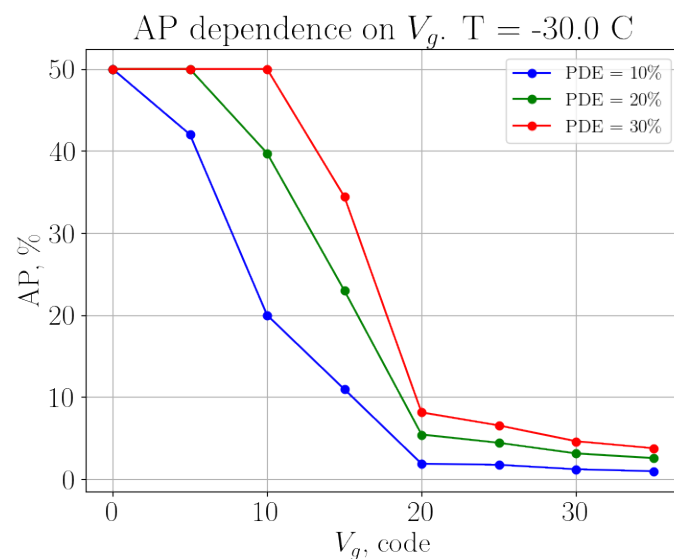
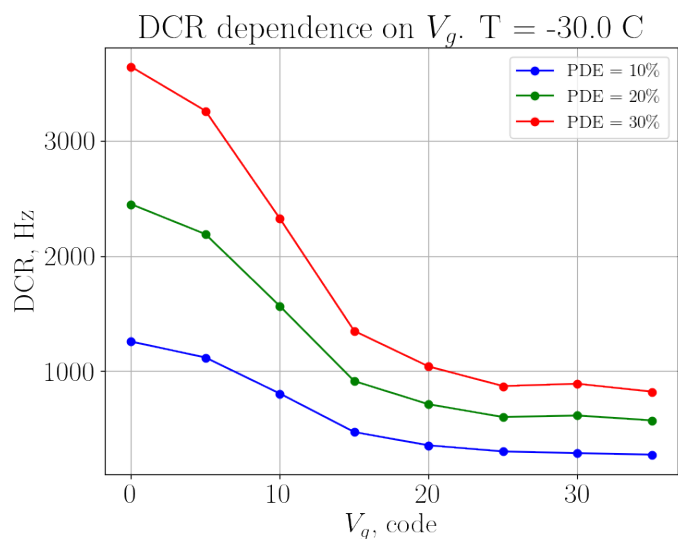
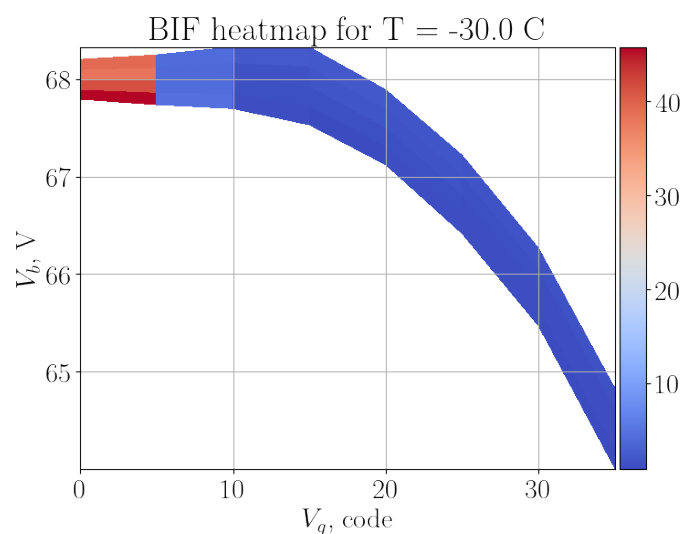
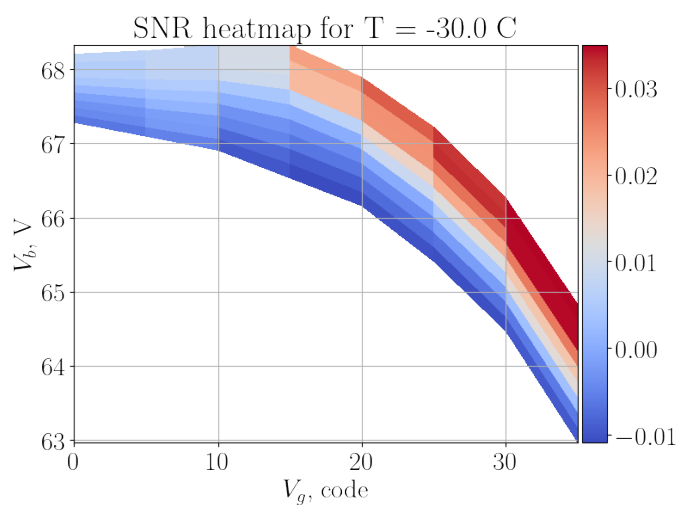
Optimal point

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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Date: 02.12.2021

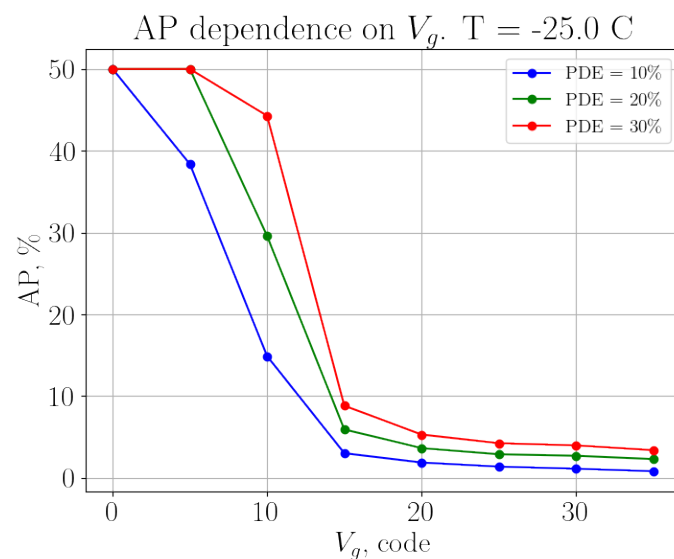
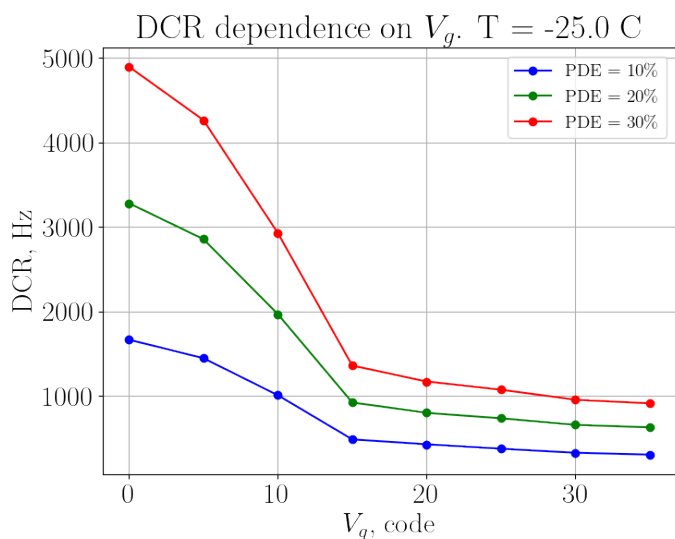
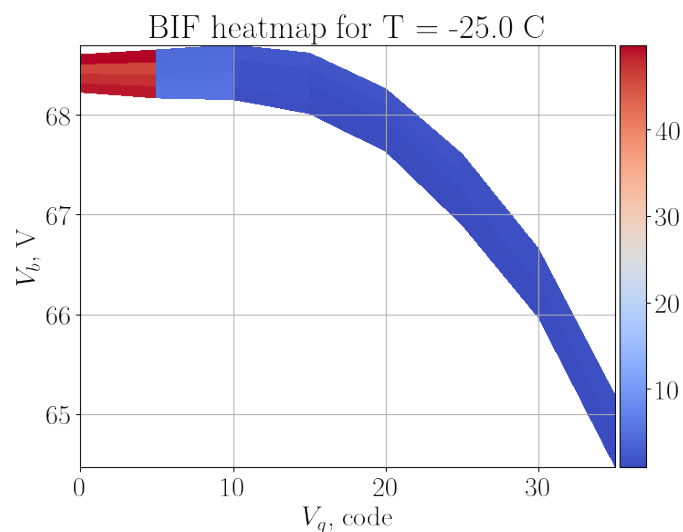
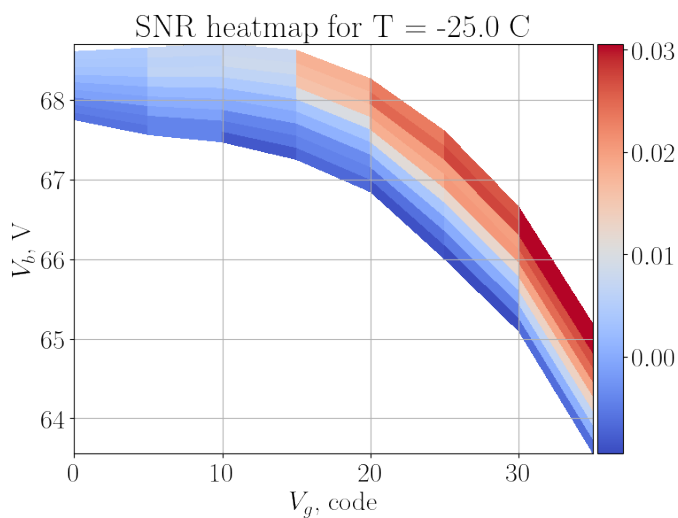
Optimal point

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



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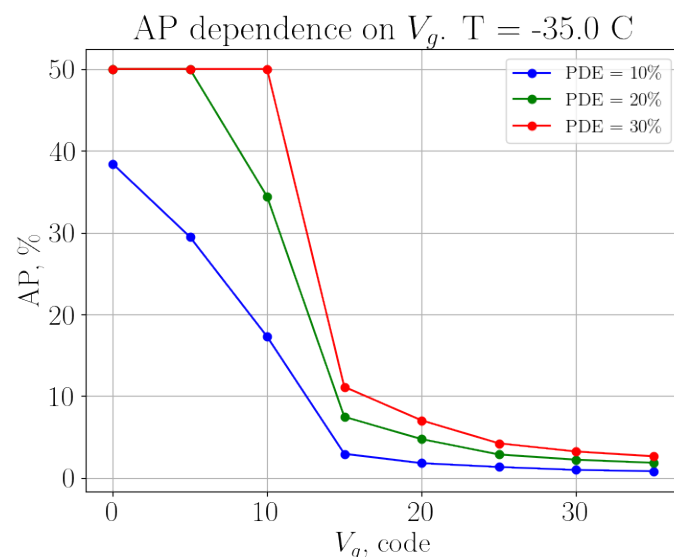
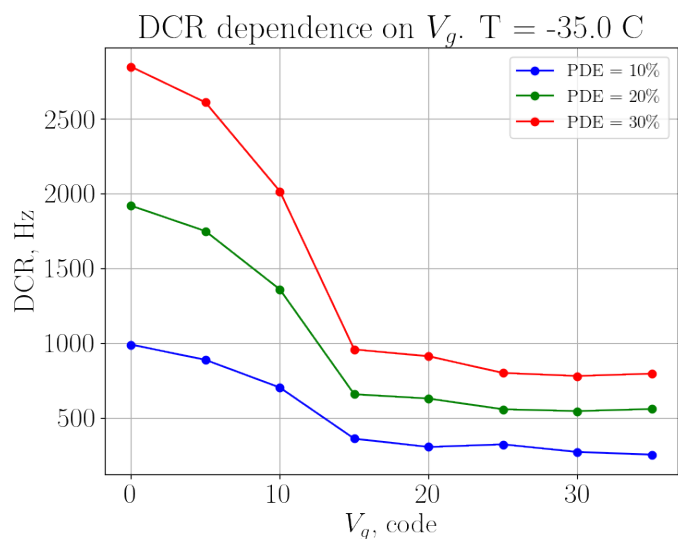
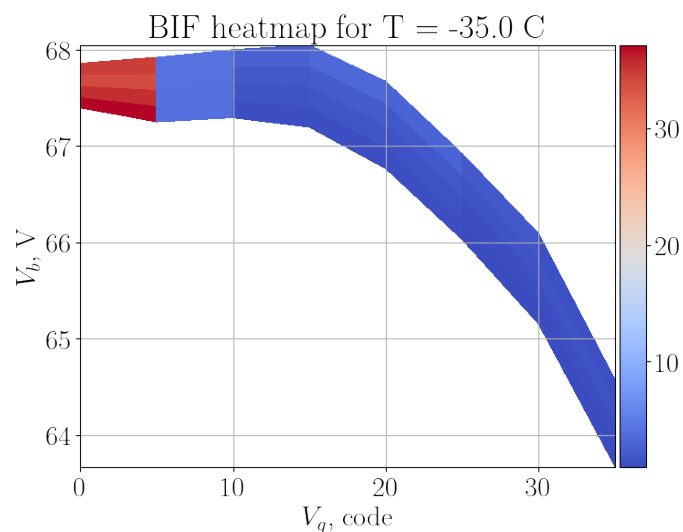
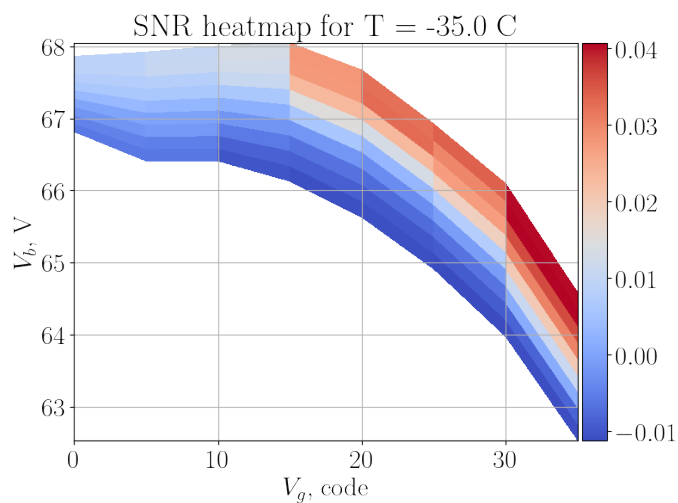
Optimal point

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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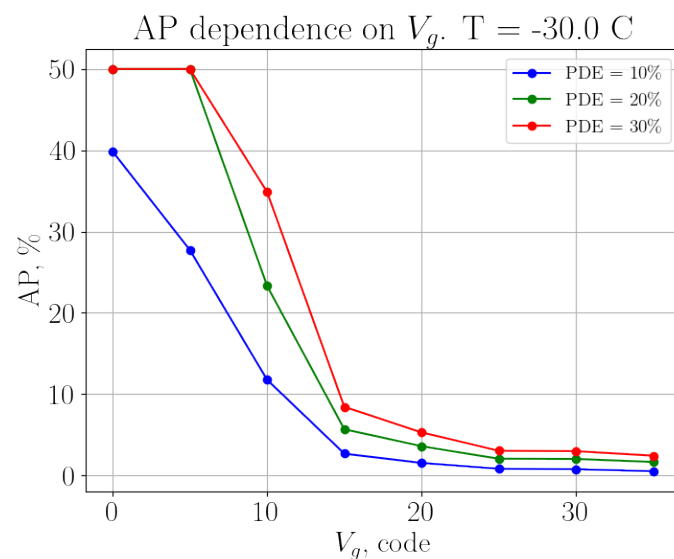
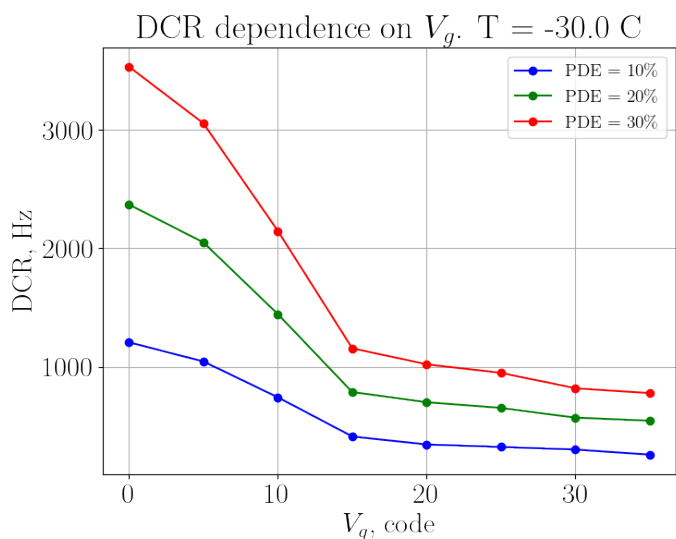
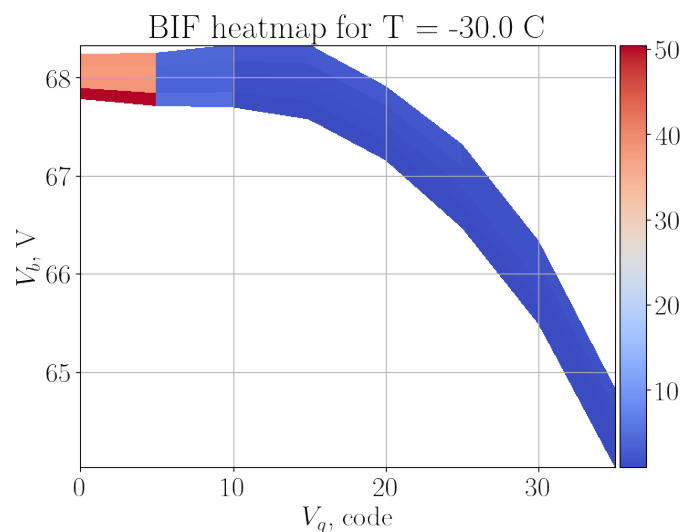
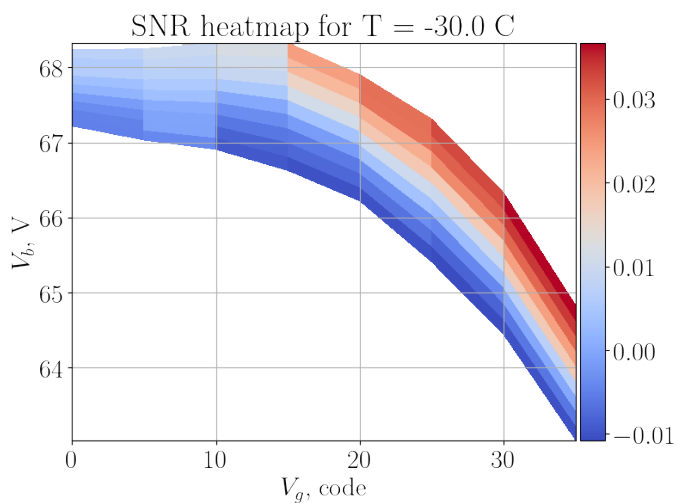
Optimal point

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



SPD type: gated

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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

