

SPD type: gated

SPD Name: IVANUSHKA

Date: 10.11.2021

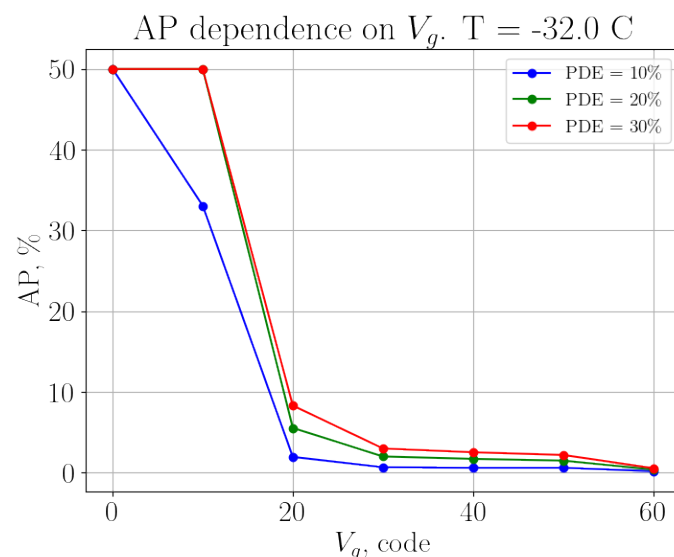
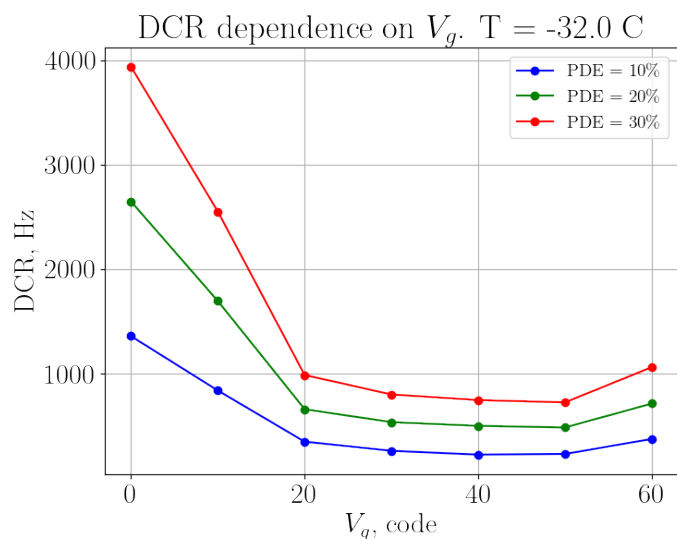
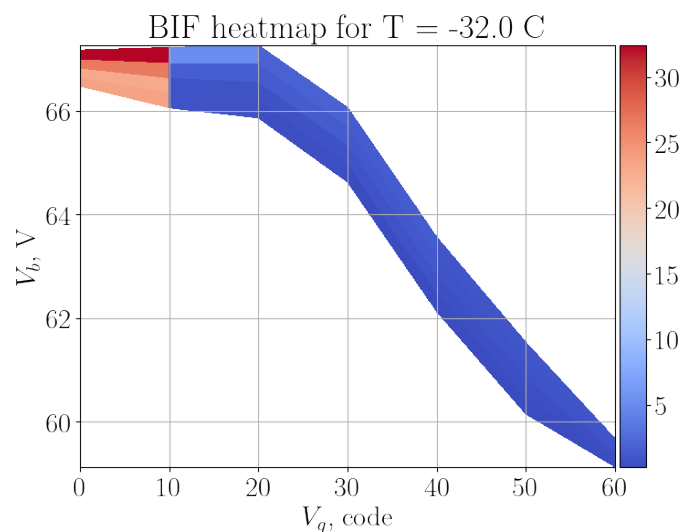
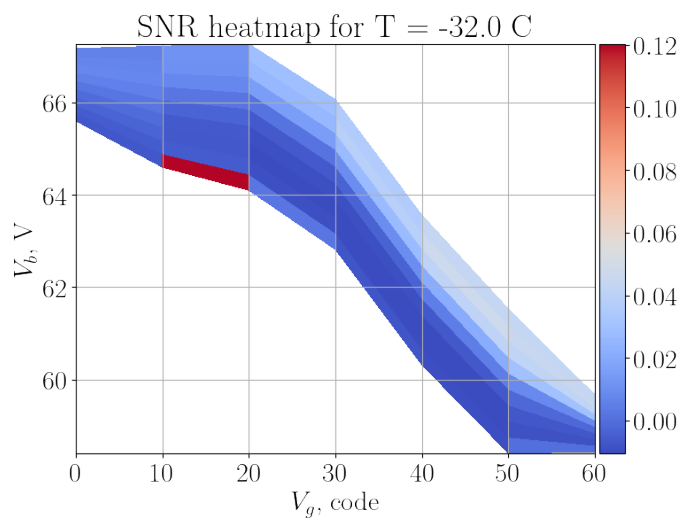
Optimal point

T = -32.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	224	0.0447	0.6	4.79	1740	0.6
QE = 20	20	484	0.0413	1.49	4.81	2060	1.4
QE = 30	30	725	0.0414	2.2	4.81	2060	1.4

Criterion	V <sub>g</sub> , code	V <sub>b</sub> , V	T, C
QE = 10	40	62.66	-32.0
QE = 20	50	61.57	-32.0
QE = 30	50	63.15	-32.0

## Graphic characteristics representation



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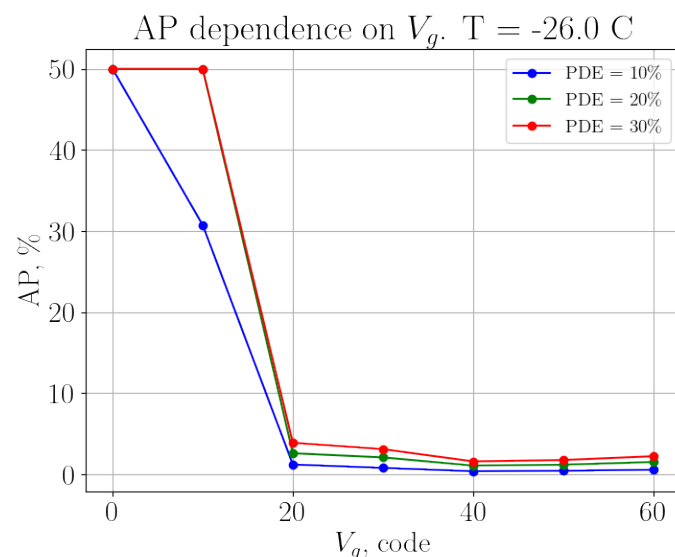
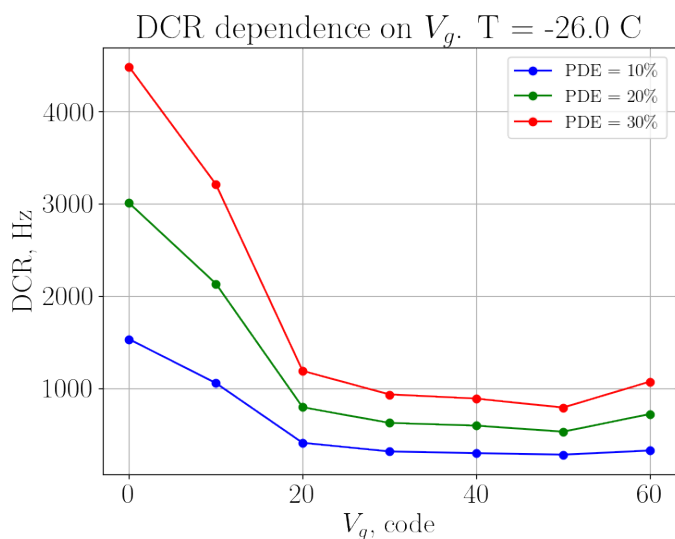
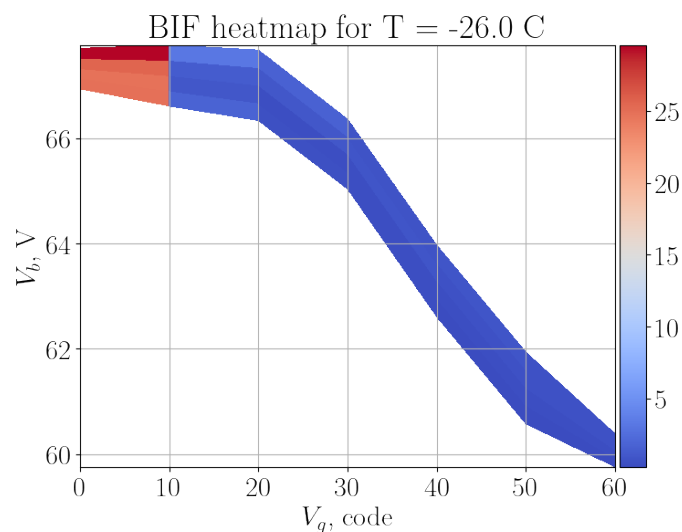
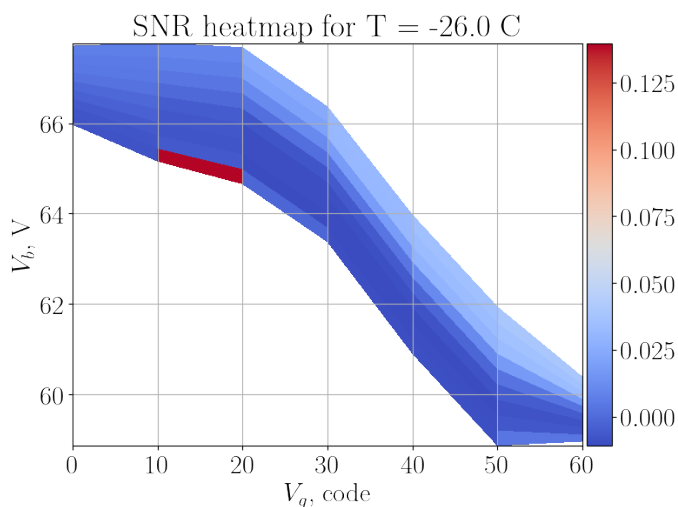
Optimal point

T = -26.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	278	0.036	0.43	4.87	1800	0.6
QE = 20	20	527	0.038	1.17	4.87	1650	0.8
QE = 30	30	789	0.038	1.74	4.87	1650	0.8

Criterion	V <sub>g</sub> , code	V <sub>b</sub> , V	T, C
QE = 10	50	61.23	-26.0
QE = 20	50	62.42	-26.0
QE = 30	50	64.19	-26.0

## Graphic characteristics representation



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Optimal point

T = -20.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 10	10	295	0.0339	0.42	4.84	1800	0.8
QE = 20	20	651	0.0307	0.99	4.74	1990	0.6
QE = 30	30	973	0.0308	1.48	4.74	1990	0.6

Criterion	V <sub>g</sub> , code	V <sub>b</sub> , V	T, C
QE = 10	40	63.97	-20.0
QE = 20	50	63.33	-20.0
QE = 30	50	65.17	-20.0

## Graphic characteristics representation

