SPD Datasheet

QRATE
QUANTUM SOLUTIONS

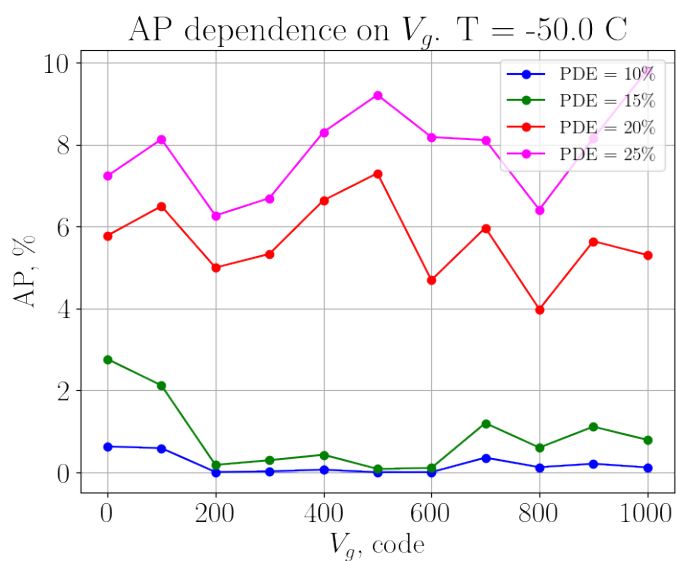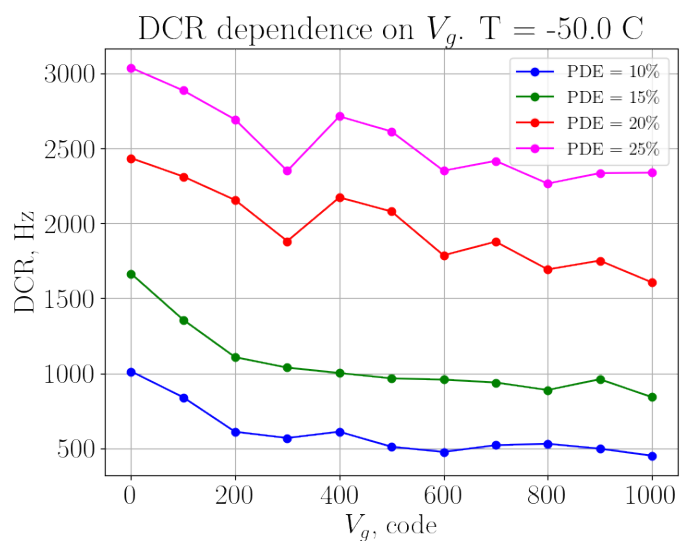SPD type: gated   SPD Name: Gradimir   Date: 10.08.2021

Optimal point   T = -50.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
SNR	1.93	68	0.0283	0.0	5.38	610	2.7

Criterion	Vg, code	Vb, V	T, C
SNR	1000	74.05	-50.0

Graphic characteristics representation

SNR heatmap for T = -50.0 C

BIF heatmap for T = -50.0 C

DCR dependence on V_g. T = -50.0 C

AP dependence on V_g. T = -50.0 C

SPD Datasheet
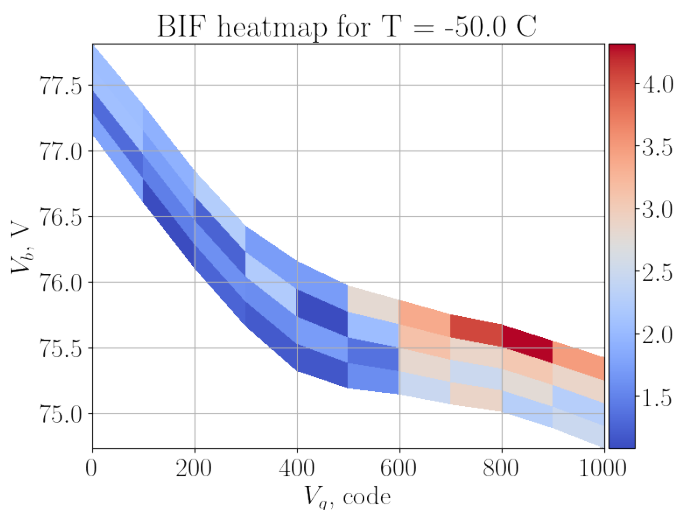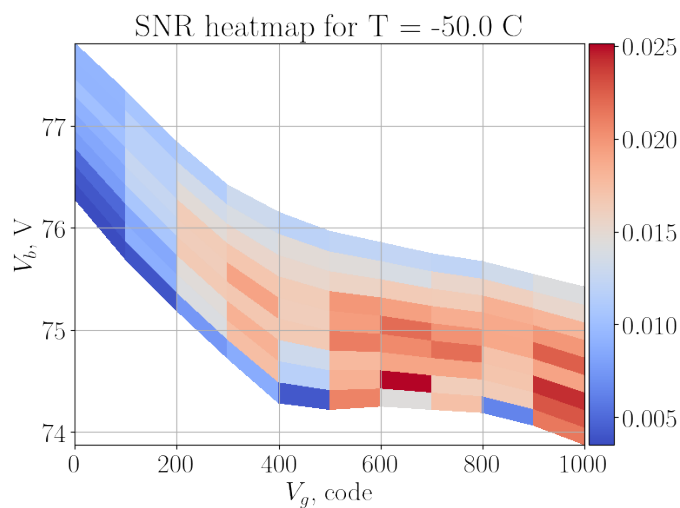
SPD type: gated   SPD Name: Gradimir   Date: 10.08.2021

Optimal point   T = -45.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
SNR	0.57	26	0.0218	0.0	5.49	640	2.2

Criterion	Vg, code	Vb, V	T, C
SNR	1000	74.31	-45.0

Graphic characteristics representation

SPD Datasheet
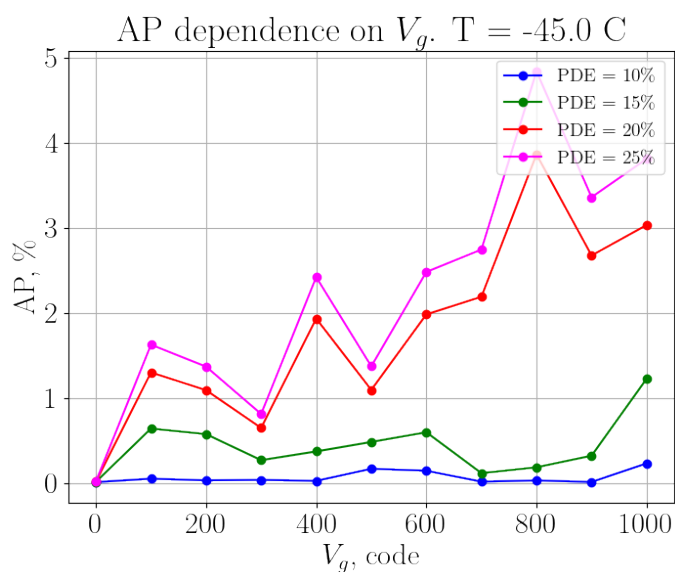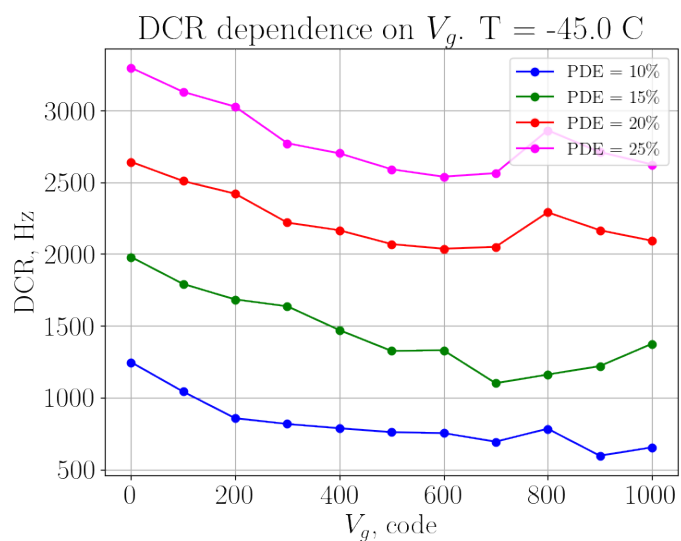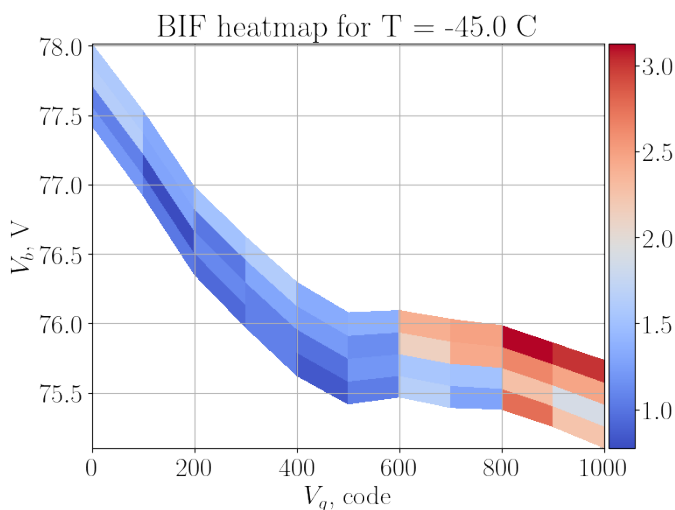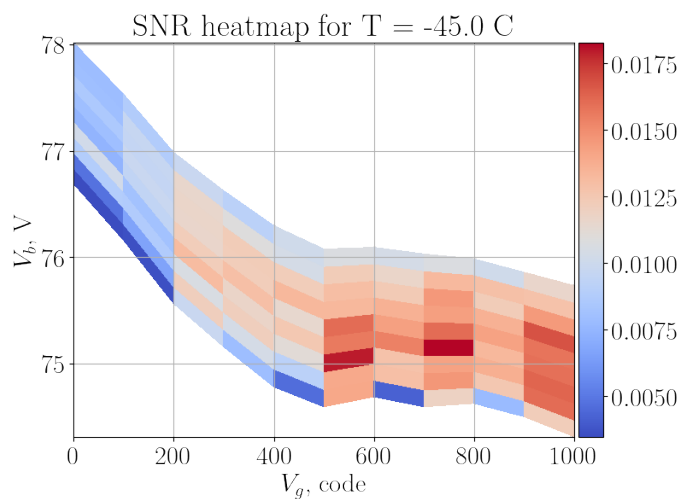
SPD type: gated   SPD Name: Gradimir   Date: 10.08.2021

Optimal point   T = -40.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
SNR	2.23	161	0.0139	0.0	5.99	630	2.1

Criterion	Vg, code	Vb, V	T, C
SNR	1000	75.07	-40.0

Graphic characteristics representation

SNR heatmap for T = -40.0 C

BIF heatmap for T = -40.0 C

DCR dependence on V_g. T = -40.0 C

AP dependence on V_g. T = -40.0 C