SPD Datasheet

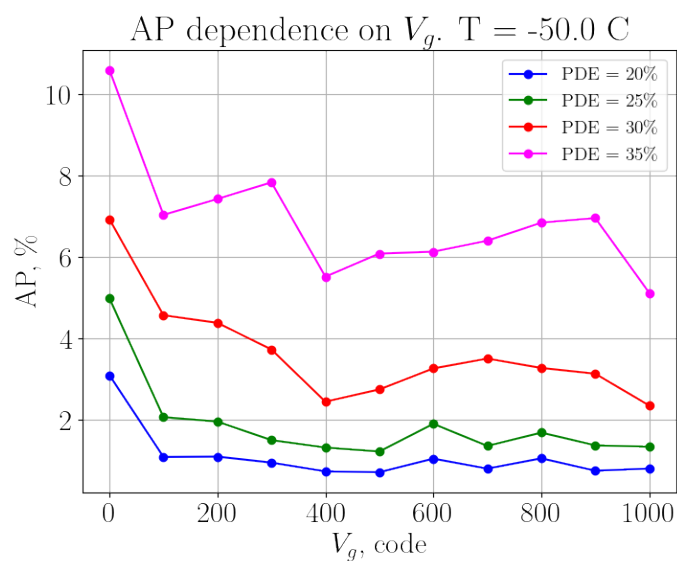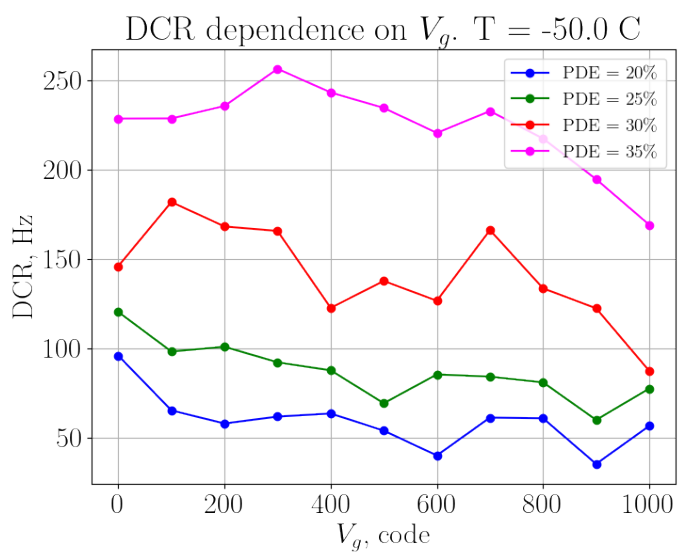SPD type: gated   SPD Name: Hariton   Date: 19.07.2021

Optimal point   T = -50.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
SNR	19.11	31	0.6165	0.66	4.57	280	2.7

Criterion	Vg, code	Vb, V	T, C
SNR	900	61.24	-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
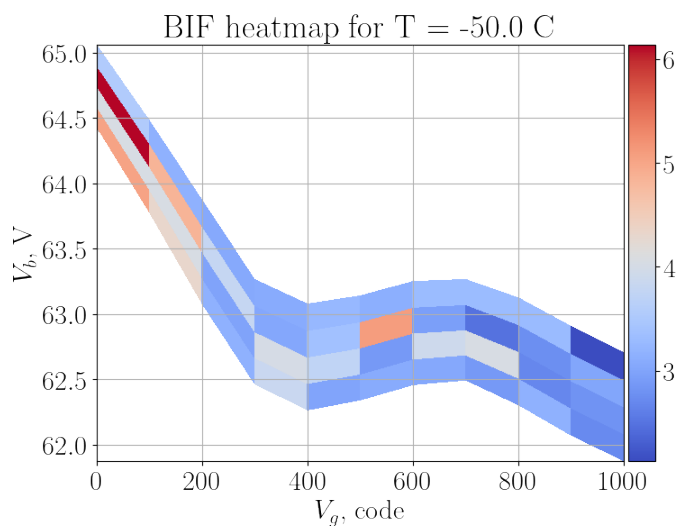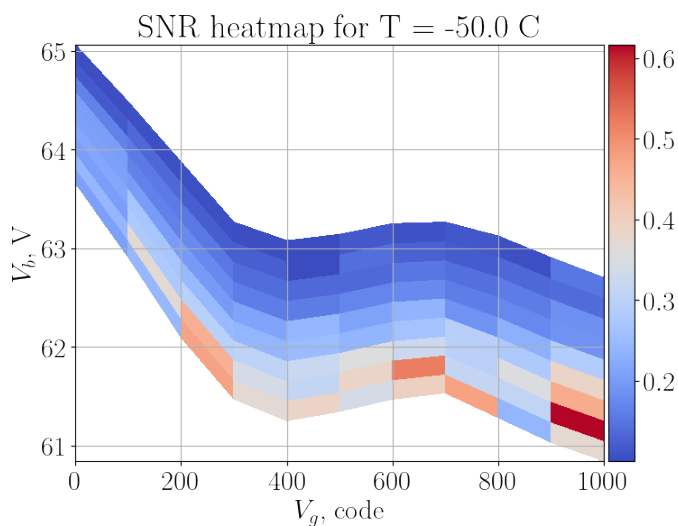
SPD Datasheet

SPD type: gated   SPD Name: Hariton   Date: 19.07.2021

Optimal point   T = -45.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
SNR	15.76	33	0.4777	0.41	4.03	250	2.7

Criterion	Vg, code	Vb, V	T, C
SNR	600	61.97	-45.0

Graphic characteristics representation

SNR heatmap for T = -45.0 C

BIF heatmap for T = -45.0 C

DCR dependence on V_g. T = -45.0 C

AP dependence on V_g. T = -45.0 C