SPD Datasheet

SPD type: gated   SPD Name: Timofei   Date: 16.07.2021

Optimal point   T = -45.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps	BIF, %
QE = 20	20	82	0.244	1.86	4.72	480	1.3
QE = 30	30	251	0.1196	9.34	4.62	390	1.3

Criterion	Vg, code	Vb, V	T, C
QE = 20	800	64.55	-45.0
QE = 30	950	65.19	-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