

SPD type: freerun

SPD Name: AGAFIA

Date: 08.06.2021

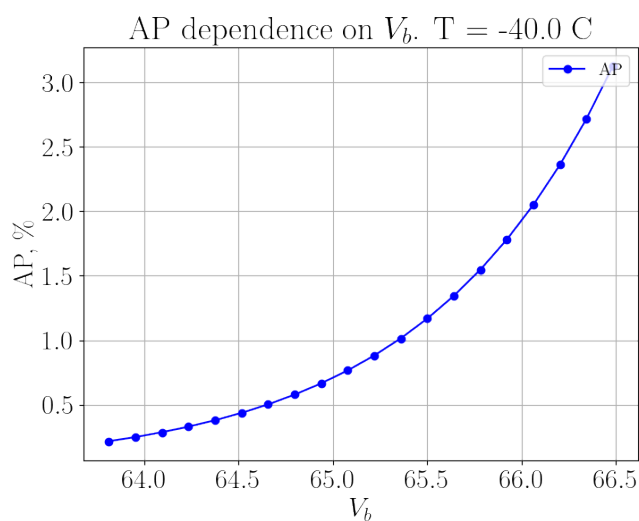
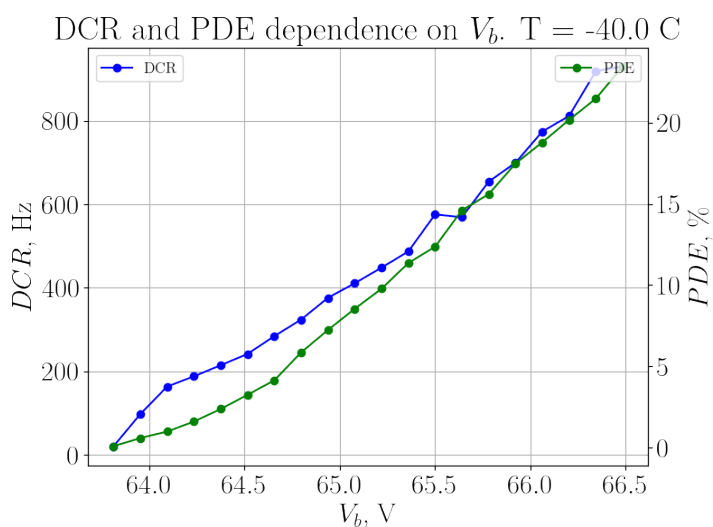
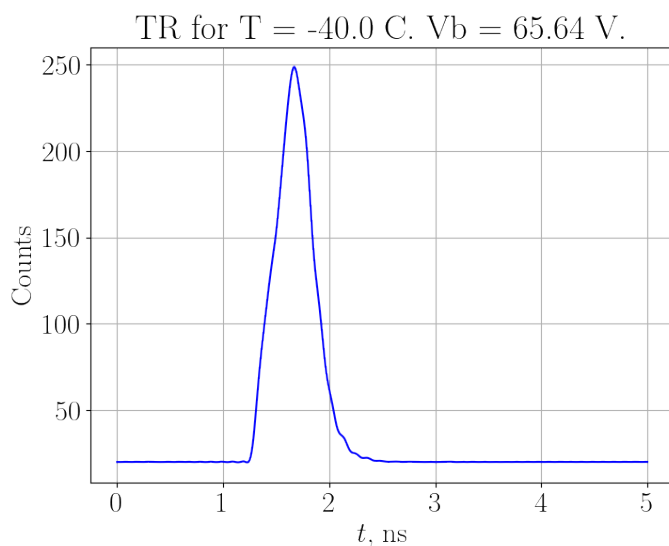
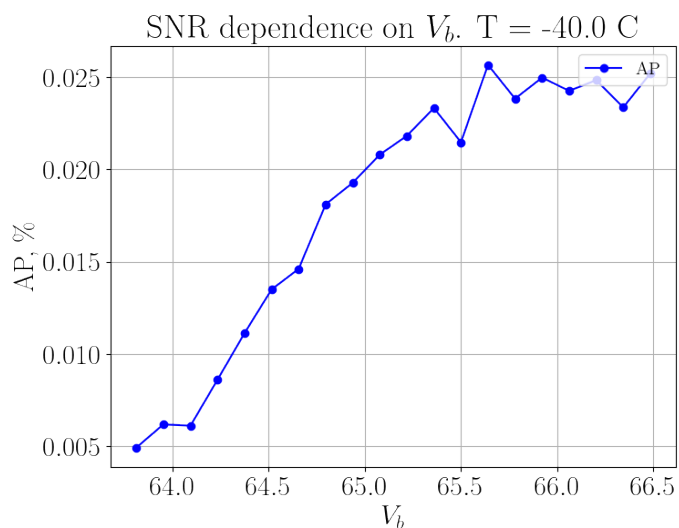
Optimal point

T = -40.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps
SNR	14.6	569	0.0257	1.34	39.3	770

Criteria	Vg, code	Vb, V	T, C
SNR	0	65.64	-40.0

Graphic characteristics representation



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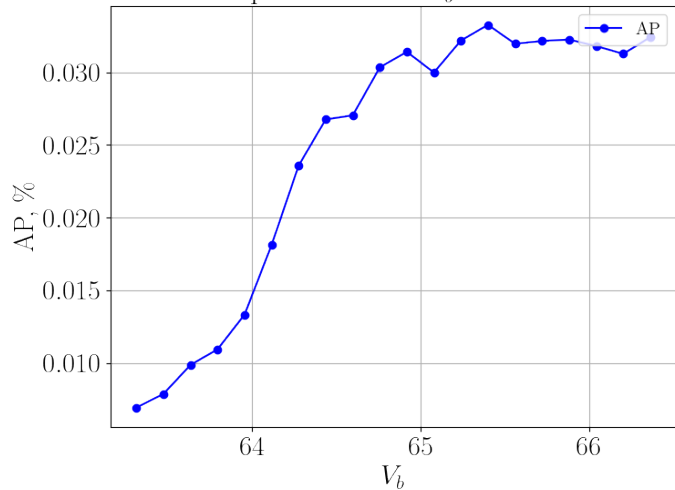
T = -45.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps
SNR	18.24	548	0.0333	0.85	45.85	600

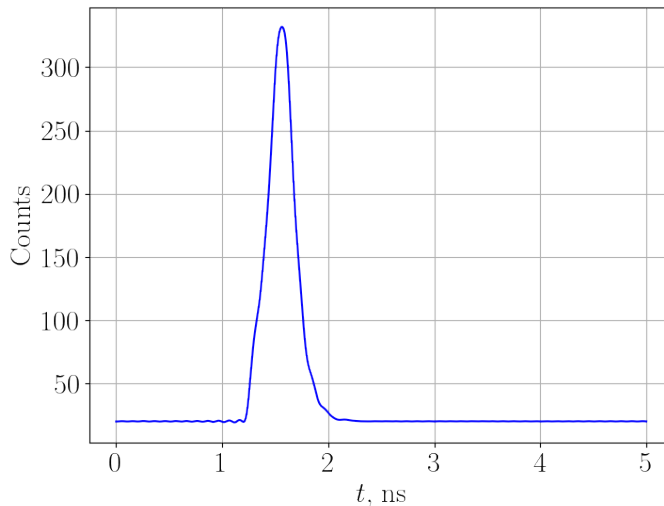
Criteria	Vg, code	Vb, V	T, C
SNR	0	65.4	-45.0

Graphic characteristics representation

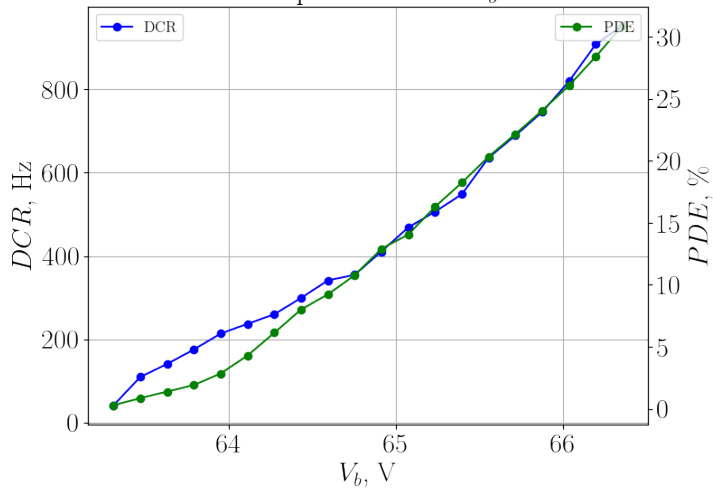
SNR dependence on V_b . T = -45.0 C



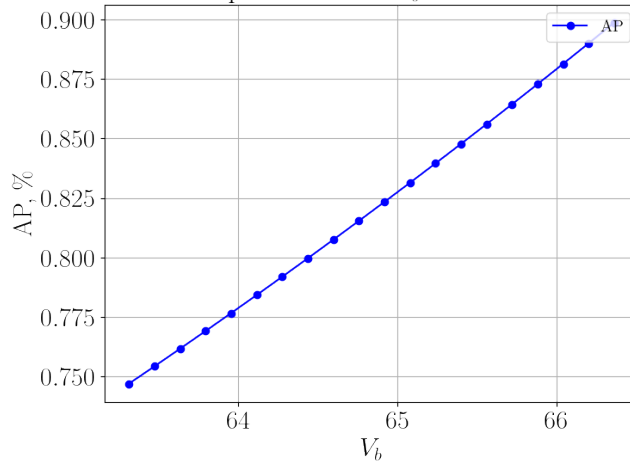
TR for T = -45.0 C. $V_b = 65.4$ V.



DCR and PDE dependence on V_b . T = -45.0 C



AP dependence on V_b . T = -45.0 C



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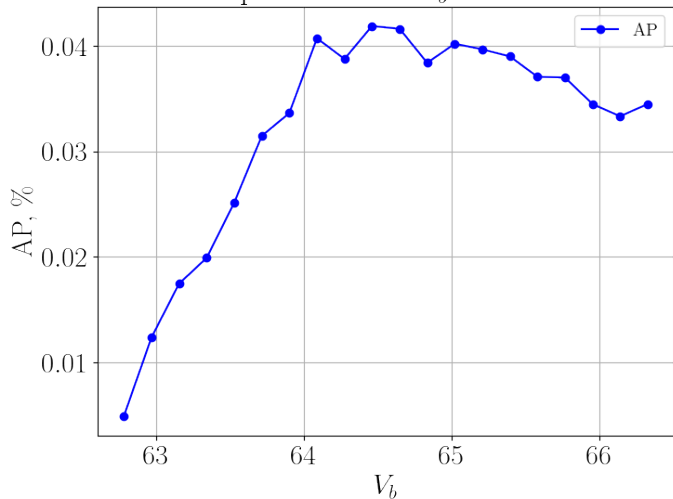
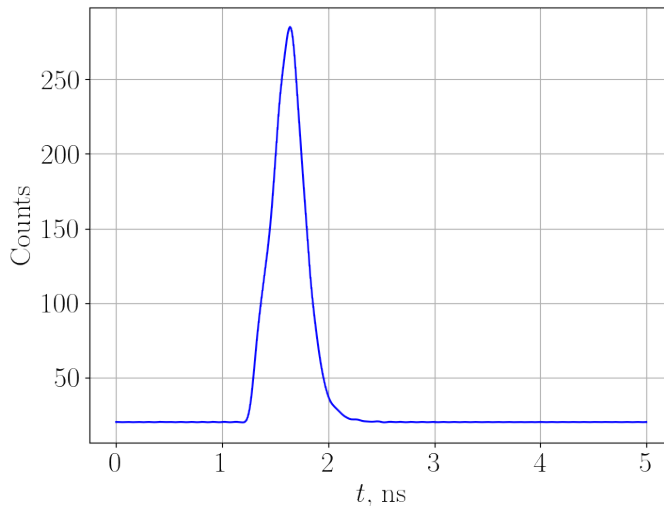
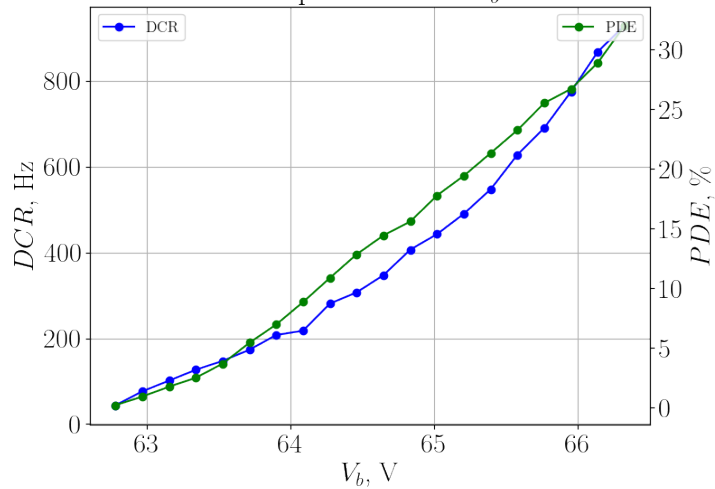
Optimal point

T = -50.0 C

Criterion	PDE, %	DCR, Hz	SNR	AP, %	DT, mus	TR, ps
SNR	12.85	307	0.0419	3.06	37.4	680

Criteria	Vg, code	Vb, V	T, C
SNR	0	64.46	-50.0

Graphic characteristics representation

SNR dependence on V_b . T = -50.0 CTR for T = -50.0 C. $V_b = 64.65$ V.DCR and PDE dependence on V_b . T = -50.0 CAP dependence on V_b . T = -50.0 C