

SPD type: gated

SPD Name: BRONISLAV

Date: 20.07.2021

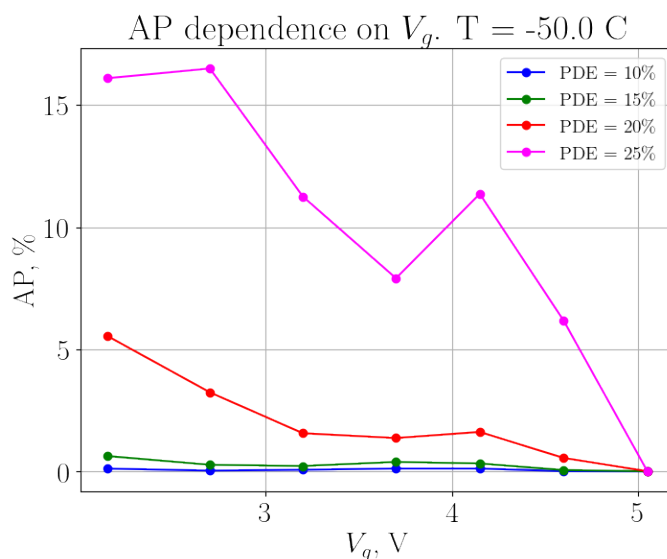
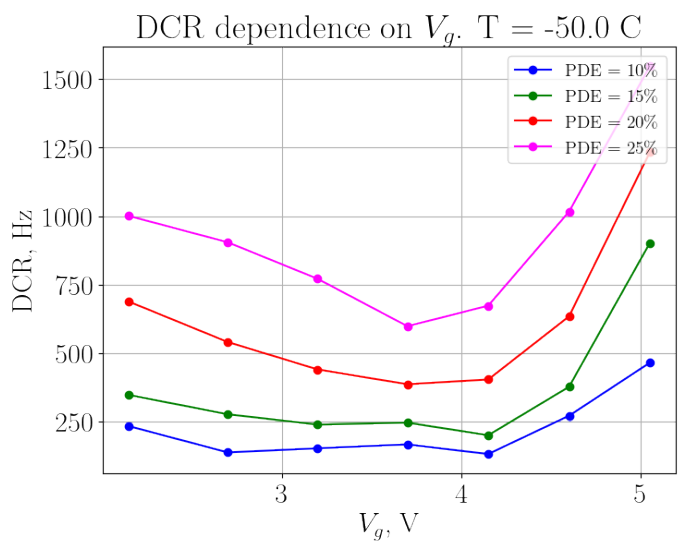
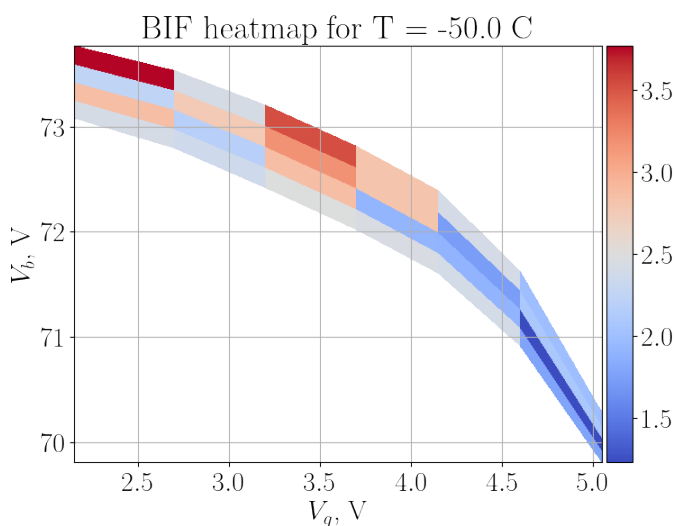
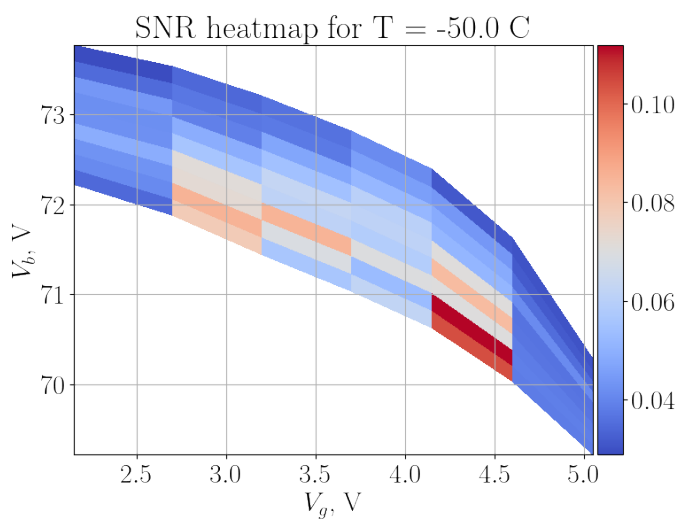
Optimal point

T = -50.0 C

| Criterion | PDE, % | DCR, Hz | SNR | AP, % | DT, mus | TR, ps | BIF, % |
|-----------|--------|---------|--------|-------|---------|--------|--------|
| QE = 10 | 10 | 132 | 0.0755 | 0.12 | 9.32 | 1070 | 2.4 |
| QE = 20 | 20 | 387 | 0.0517 | 1.37 | 8.74 | 1140 | 1.9 |

| Criterion | V _g , V | V _b , V | T, C |
|-----------|--------------------|--------------------|-------|
| QE = 10 | 4.15 | 71.08 | -50.0 |
| QE = 20 | 3.7 | 72.22 | -50.0 |

Graphic characteristics representation



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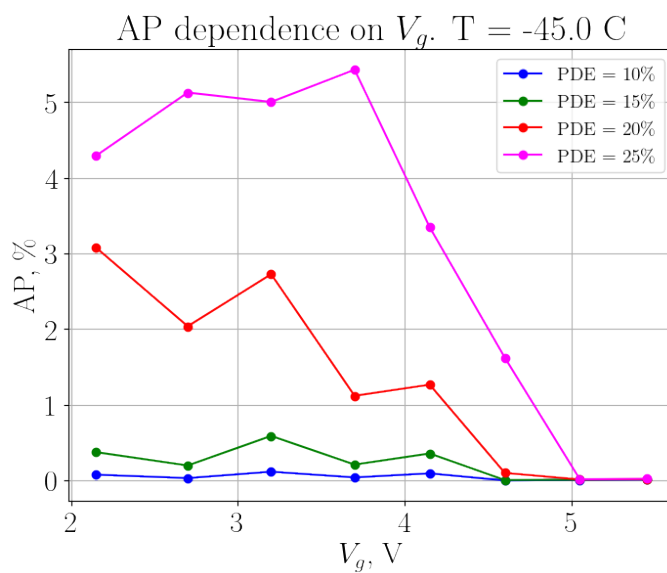
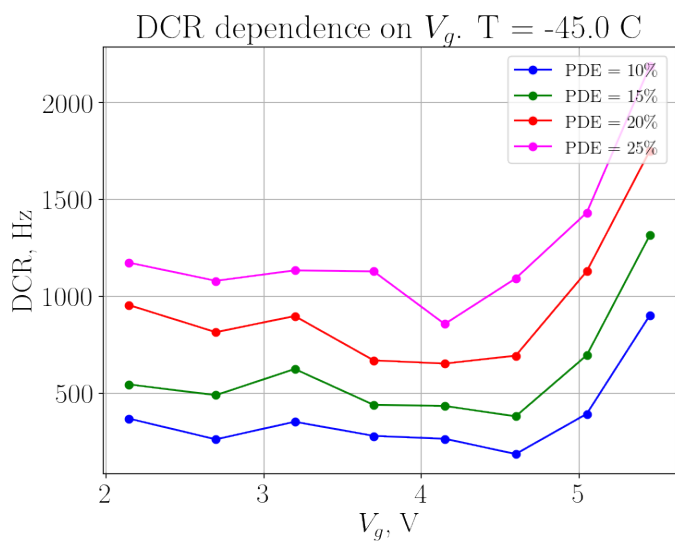
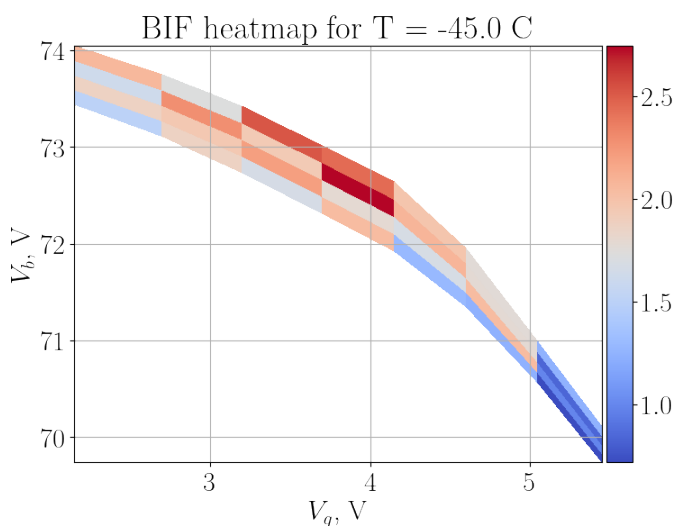
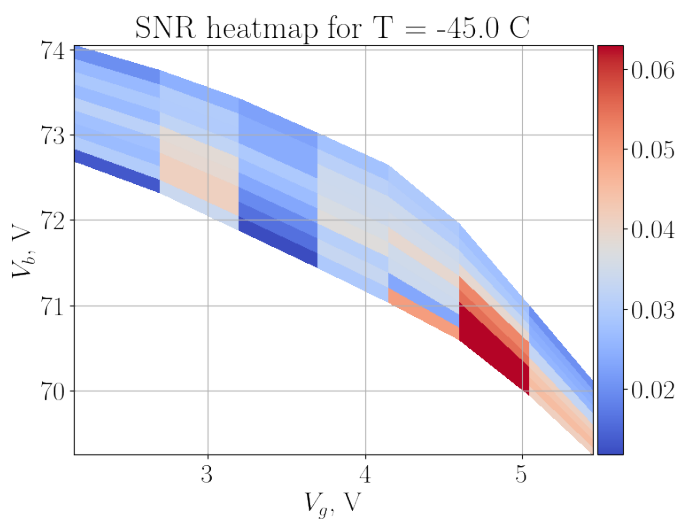
Optimal point

T = -45.0 C

| Criterion | PDE, % | DCR, Hz | SNR | AP, % | DT, mus | TR, ps | BIF, % |
|-----------|--------|---------|--------|-------|---------|--------|--------|
| QE = 10 | 10 | 183 | 0.0546 | 0.0 | 10.19 | 1130 | 1.2 |
| QE = 20 | 20 | 650 | 0.0307 | 1.27 | 9.13 | 1130 | 2.1 |

| Criterion | V _g , V | V _b , V | T, C |
|-----------|--------------------|--------------------|-------|
| QE = 10 | 4.6 | 71.07 | -45.0 |
| QE = 20 | 4.15 | 72.27 | -45.0 |

Graphic characteristics representation



SPD type: gated

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Date: 20.07.2021

Optimal point

T = -40.0 C

| Criterion | PDE, % | DCR, Hz | SNR | AP, % | DT, mus | TR, ps | BIF, % |
|-----------|--------|---------|--------|-------|---------|--------|--------|
| QE = 10 | 10 | 241 | 0.0415 | 0.0 | 10.13 | 1110 | 1.1 |
| QE = 20 | 20 | 776 | 0.0258 | 0.36 | 10.13 | 1020 | 1.5 |

| Criterion | V _g , V | V _b , V | T, C |
|-----------|--------------------|--------------------|-------|
| QE = 10 | 4.15 | 71.97 | -40.0 |
| QE = 20 | 4.15 | 72.64 | -40.0 |

Graphic characteristics representation

