

SPD type: gated

SPD Name: Hariton

Date: 19.07.2021

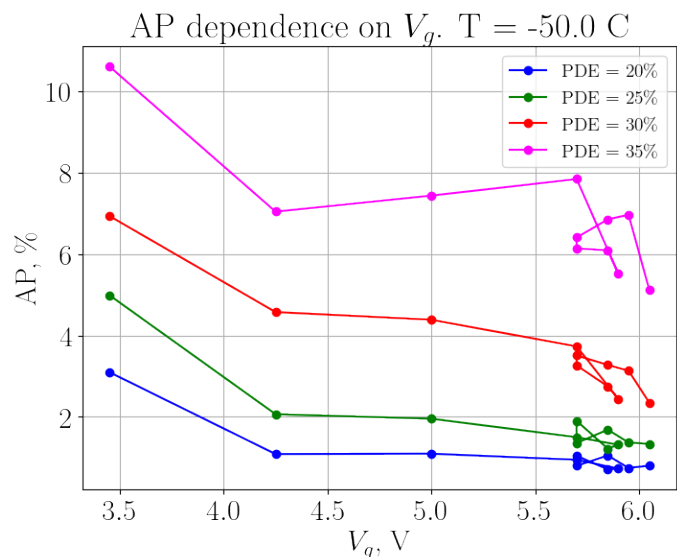
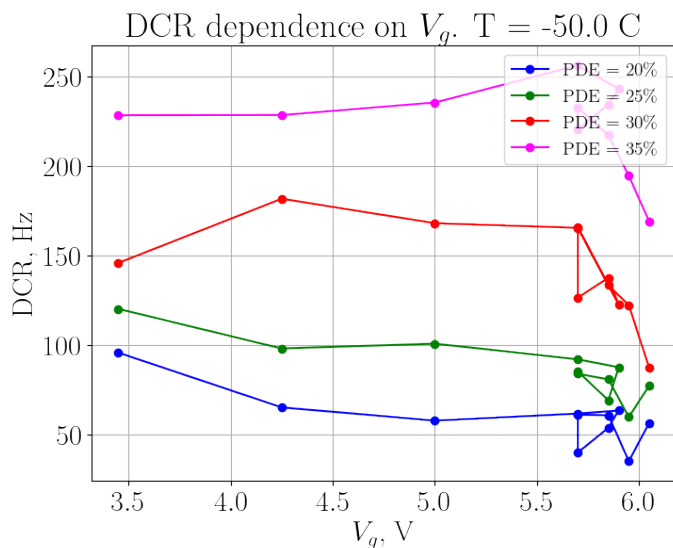
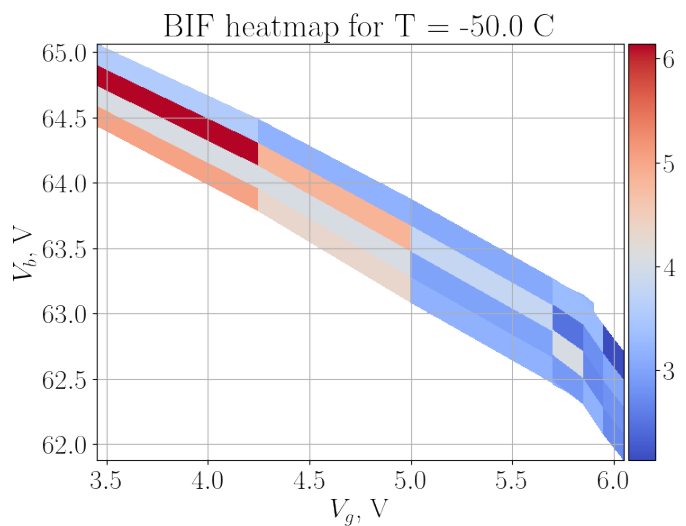
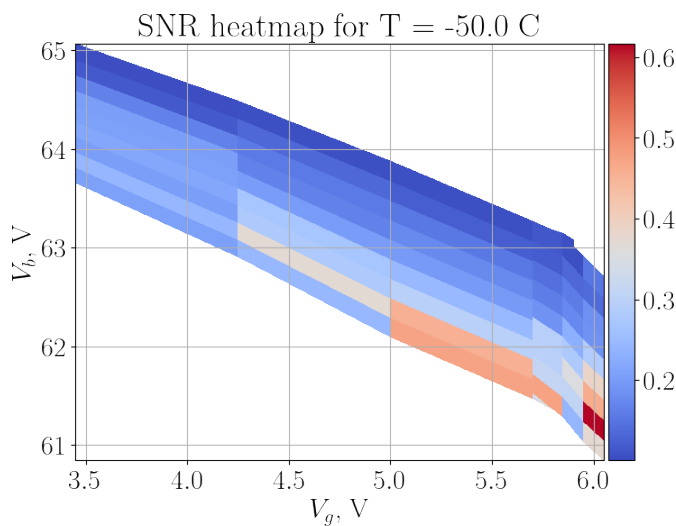
Optimal point

T = -50.0 C

| Criterion | PDE, % | DCR, Hz | SNR | AP, % | DT, mus | TR, ps | BIF, % |
|-----------|--------|---------|--------|-------|---------|--------|--------|
| QE = 20 | 20 | 35 | 0.5673 | 0.75 | 4.57 | 280 | 2.7 |
| QE = 30 | 30 | 87 | 0.3436 | 2.35 | 4.59 | 370 | 2.5 |

| Criterion | V _g , V | V _b , V | T, C |
|-----------|--------------------|--------------------|-------|
| QE = 20 | 5.95 | 61.29 | -50.0 |
| QE = 30 | 6.05 | 61.65 | -50.0 |

Graphic characteristics representation



SPD type: gated

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Optimal point

T = -45.0 C

| Criterion | PDE, % | DCR, Hz | SNR | AP, % | DT, mus | TR, ps | BIF, % |
|-----------|--------|---------|--------|-------|---------|--------|--------|
| QE = 20 | 20 | 76 | 0.2625 | 0.41 | 4.72 | 710 | 2.8 |
| QE = 30 | 30 | 158 | 0.1895 | 1.73 | 4.67 | 390 | 2.1 |

| Criterion | V _g , V | V _b , V | T, C |
|-----------|--------------------|--------------------|-------|
| QE = 20 | 5.9 | 62.07 | -45.0 |
| QE = 30 | 5.85 | 62.6 | -45.0 |

Graphic characteristics representation

