

## **Summary at SNR = 15 dB**

| Scene ID   | Description          | BER (Net) | BER (LMMSE) | $\chi$ |
|------------|----------------------|-----------|-------------|--------|
| S1_full_hw | Full HW (PA+PN+1bit) | N/A       | 0.0604      | 0.069  |
| S2_pa_only | PA Only              | N/A       | 0.0000      | 0.051  |
| S3_pn_only | PN + 1bit            | N/A       | 0.0604      | 0.069  |
| S4_ideal   | Ideal (No HW)        | N/A       | 0.0000      | 0.051  |