Stage 11 — Well Components & Impact Scores

This table summarizes the role of each well component in the Stage 11 parser, describes its effect on the energy landscape, and scores its leverage (out of 10) for reducing hallucinations, especially flip_v.

| Component | What It Does | Effect on Wells Imp | act on Hallucinations (0- |
|----------------------------------|---|--|---------------------------|
| Residual (Qa)pvtu_rpesrprariar | ce unique to each channel afted exemp | ænso.omepilke.froerst tructured residual bu | mps. 8 |
| Raw Signal w_raw | Direct correlation with raw trates | ors wells to visible signal; noisy bas | eline. 6 |
| Common-Mode w_cm Per | alizes bumps shared across chand | Mallower wells if a feature is global | . 5 |
| Lateral Inhibition (strength, 6) | reads penalty around chosen peak | €.lattens nearby/overlapping wells. | 7 |
| Annealing Schedule Co | ontrols stochastic vs. greedy de soq | ին ration at high T, exploitation at lo | w T. 3 |
| Prototype Shape F | alf-sine template matched to trace | fines mold for wells; strong mimic ri | sk. 9 |
| Calibration (Permutations) | Sets z-score scale for significance. | Adjusts depth vs. null expectation. | 6 |