TPE case: `tpe_resonant`

Drives
— qd_tpe

QD populations
— $|G\rangle$
--•-- $|X_1\rangle$
····• $|X_2\rangle$
— $|XX\rangle$

Output expectations
—•— X ↔ G, (H)
--- X ↔ G, (V)
—•— XX ↔ X_1, (H)
--- XX ↔ X_1, (V)