

EMI Pre-Compliance Checklist — Setup

- LISN verified and bonded; ground reference diagrammed; cable length and routing fixed across runs.

- Bench supply/load settings recorded (V/I/dynamic modes); device operating modes listed

- Conducted pre-scan: 150 kHz–30 MHz, peak/avg detectors logged; mains impedance sta

- Radiated: near-field probe sweep around SW node, inductor, cables; current clamp on

EMI Pre-Compliance Checklist — Log & Compare

- Record top-N peaks (freq, dBuV, detector, bandwidth); label suspected path (DM/CM).
 - A/B changes one at a time: snubber, damping, choke, shield termination, spread spectrum depth.
 - Keep identical measurement conditions; attach 'before/after' overlays for each change.
- icnavigator.com — Pre-compliance checklist (page 2/2)
- Note side effects: ripple, thermal rise, audible tones, control-loop stability.