

## Telecom (FCC Part 68 / IC CS-03) Test Configuration Requirements

### For Analog (modems, Security system, etc.) Device

1. Transmit all types of signal (data, fax, pre-recorded voice, busy, ringback, etc.).
2. Go ON-Hook.
3. Go Off-Hook Quiet state (No any signal output).
4. Answer incoming call in response to ring.
5. Do not answer incoming call in response to ring.
6. Dial DTMF for all digits or bunch of 3333333333333333 (without Dial tone Present).
7. Supply necessary drivers, software and instructions.
8. Supply DAA (Telephone Line Interface Circuit).
9. Supply special hardware, if required.

### For Digital (T1/ISDN/ADSL/SDLS, etc.) Device

1. Generate all "ones" signal pattern (for all options in Item 4).
2. Generate "zero" and "ones" 1000100010001 signal pattern (for all options in Item 4).
3. Quite state (no any signal or carrier output present).
4. Set for 0-dB loss (Option A), 7.5-dB loss (Option B), 15-dB loss (Option C).
5. Supply two systems configure for back to back connection for the performance checking and measurement.
6. Transmit Encoded analog signal (other than live voice) and/or Digital signal, which are subject to being decoded to voiceband analog signals in the network. (If applicable).
7. **For ADSL/SDLS:** (i) Configure to Transmit maximum Pulse Signal Density (PSD) without using ATU-C or should continue to transmit PSD after removing the ATU-C. Please provide the ATU-C, if your EUT will require to start the sending PSD. (ii) Quiet state (no any signal or carrier output present).