

E8285A Diagnostics Procedure

Test Equipments

N to N Male Cable 1 EA / BNC to BNC Male 1 m & 10 cm 2 EA / BNC Tee 1 EA / 50 ohm Load

Power ON to 30 min Warm-up

Test -> ROM -> Service7 -> "Run Test" key Select

Functional Diagnostics

- RF Module (RF IN/OUT ↔ DUPLEX OUT Connect -> Resume)
(DUPLEX OUT ↔ ANTENNA Connect -> Resume)
- Analog Modulations (DUPLEX OUT ↔ ANTENNA Connect -> Resume)
- CDMA Loopback
- Self Test
- Power Supply

AF Diagnostics

- All (Audio Output ↔ Audio Input High ↔ Rear Panel Modulation Input Connect -> Resume)

Tee Connector Use

RF Diagnostics *

- All (Duplex IN ↔ ANT IN or RF IN/OUT 50 ohm Termination -> Resume)

CDMA Diagnostics

- All (Duplex IN ↔ ANT IN or RF IN/OUT -> Resume)

Edit Diagnostic Limits * **Test Skip**

Periodic Calibration * **Test Skip**

IQ Calibration

Rebooting

IQ Demo Path Calibration

Rebooting

PCB_CAL

Test -> ROM -> PCB_CAL --> Run Test

Pass Messages

[PCB CAL SUCCESSFL

CYCLE INSTRUMENT POWER TO RESTORE TEST TO NOMAL OPERATING CONDITIONS]