TECHNICAL SUPPORT NOTE # 29
Changing Agilent 8960 TDSO Supplemental Channel Information

SCOPE

Executing TASKIT C2K tests, several C2K-ATS users have observed mobile failures in IS-98E test 4.4.9.2.2, Code Channel Output Power for the Reverse Traffic Channel. These failures were only observed on test cases using RC3 + SCH with Turbo and Convolutional coding. The same failed test results could not be reproduced on Agilent 8960 stand-alone systems.

The reason for the failed test result not being reproducible on a stand-alone 8960 is incorrect configuration of the TDSO Supplemental channel. This document provides guidance for proper verification and modification of the 8960 Supplemental channel settings.

CHANGING TDSO SUPPLEMENTAL CHANNEL SETTINGS

Follow the steps shown below for proper configuration of the 8960 TDSO Supplemental Channel

A. Select the TDSO Service Option.

1. Press the CALL SETUP key.
2. Press the Radio Config ( F11 ) key and select the radio configuration (Fwd3, Rvs3) or (Fwd4, Rvs3).
3. Press the FCH Service Option Setup ( F12 ) key and set the service option for the selected radio configuration (Fwd3, Rvs3) or (Fwd4, Rvs3) to SO32 (+ F-SCH) or SO32 (+ SCH).

B. Set the TDSO Supplemental Channel Information.

1. Press the More key on the left side of the display.
2. Press the TDSO SCH Info ( F4 ) key.
The TDSO supplemental channel parameters are accessible regardless service option currently selected, but the parameter settings are stored for use when the service option is set to SO32 (+ F-SCH) or SO32 (+ SCH).

3. Set the forward supplemental channel parameters.

- Press the F-SCH Parameters (F2) key.
- Change the parameters as needed using the knob and/or keypad.
- Press the Close Menu (F6) key.

4. Set the reverse supplemental channel parameters.
Press the R-SCH Parameters (F4) key.
Change the parameters as needed using the knob and/or keypad.
Press the Close Menu (F6) key.

5. Press the Return (F6) key.

REFERENCE: