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TUNE-UP PROCEDURE

Test configuration of Equipment under test

The EUT was tested under all applicable modulation which were PCS CDMA
All tests were performed at Low, Middle and High channel . During the test, the RF output of the EUT was connected to the Power meter or Spectrum Analyzer. The Input of the EUT was connected to the Signal Generator (E4438C). All tests were performed just before at the shutdown point The Radiated emission was estimated from 30MHz ~ 20GHz.

Test Setup:

1) Getting start

- The EUT's input was directly connected to the Signal Generator by MHU
- The EUT's output was connected to the Spectrum Analyzer through the attenuator.
- EUT Power on.
- Wait the EUT to check the isolation.
- Set the modulation of the Signal Generator.
- Signal Generator power on and adjust the output level.
- Set the RBW and VBW and other setting of the Spectrum Analyzer.

2) Modulation type by each test item

- PCS CDMA: RF Output power, Occupied bandwidth, Spurious Emissions ant

Antenna Terminals, Band-edge test

- CW : Radiated spurious emission test

3) Spectrum RBW and VBW setting by each modulation

- CDMA set RBW and VBW with 30KHz.

4) EUT Gain and Signal Generator output level

- During the all test, The EUT gain was 60dBm and Signal Generator's output level was approximately from –20dBm to –10dBm.