

Provided with CDMA Channel Power (IS-95) Measurement Function



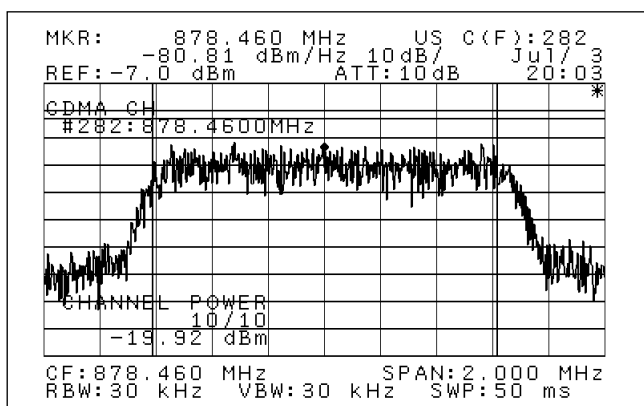
Spectrum Analyzer U3641

Overview

With the addition of the CDMA option, the U3641 Spectrum Analyzer can measure CDMA channel power according to IS-95 and J-STD-008 with the push of a button. This option supports the channels of US cellular/PCS, Korea cellular/PCS, China cellular, and Japan cellular enabling channel No. input for center frequency setting.

One key Channel Power Measurement Function

- Parameters are automatically set by the **CHANNEL POWER** key. No need for additional configuration.

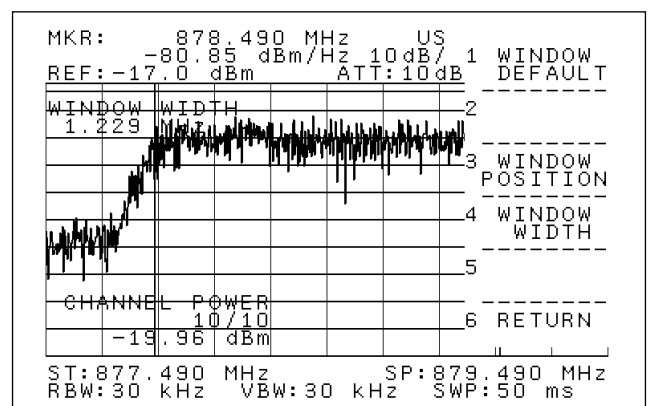


High-accuracy, High-stability CDMA Channel Power Measurement

- Absolute accuracy: $\leq \pm 2.0$ dB (15 to 35 °C), $\leq \pm 2.5$ dB (0 to 50 °C)
- Relative accuracy: $\leq \pm 0.5$ dB (15 to 35 °C), $\leq \pm 0.8$ dB (0 to 50 °C)
 (After calibration, automatic setting, pre-amplifier OFF)
 (Within the input range from -50 dBm/1.23 MHz to +20 dBm/1.23 MHz, and the range of on-screen display of 80 dB)
- Stability: $\leq \pm 0.2$ dB/24H (same setting, 15 to 35 °C)
- Factor table provided enabling power value correction

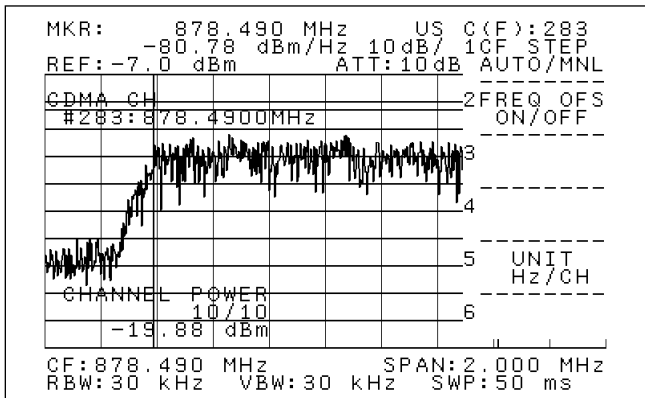
1.23 MHz Window Settings by Default

- Window position and width can be manually set.



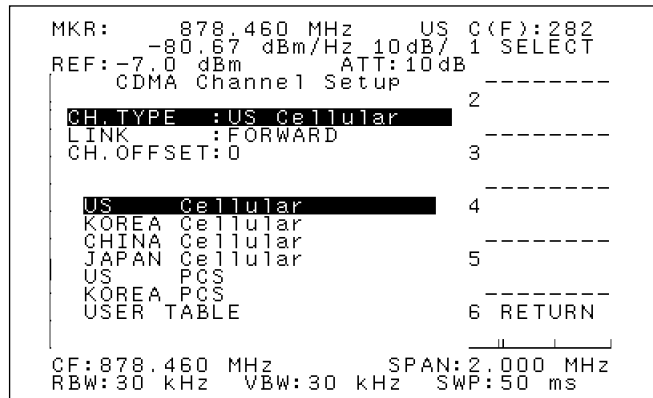
Center Frequency Setting by Channel No.

- IF signal can be measured with the direct frequency setting.



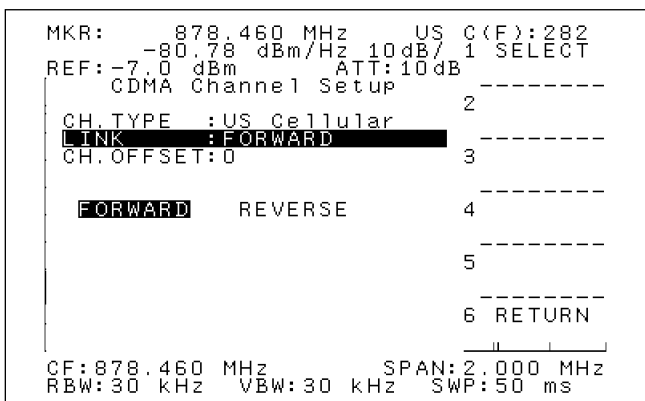
Built-in Channel Table for Each CDMA System

- Channel number can be offset.



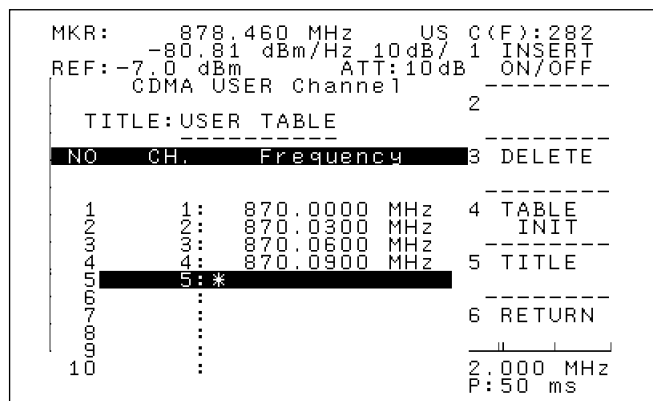
FORWARD/REVERSE Channels Supported

- Rx channel can be set by single-key operation.



Manually Generated Channel Table

- User Table is provided to input up to 99 other channels.



ADVANTEST®

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