Exhibit 12

SECTION 2.985

MEASUREMENT OF RADIO FREQUENCY POWER OUTPUT

The test arrangements used to measure the radio frequency power output of the **ICLA/ AS5CMP-27** Individual Channel Linear Amplifier is on the following page. Measurements were made respectively at each frequency where Occupied Bandwidth measurements were performed. The use of the ICLA is for a single CDMA carrier. This requires that the J4 power level be calibrated for the specific channel of use. The test configuration, Figure 12a, allowed the measurement of output power for each channel investigated for Occupied Bandwidth. These included the upper and lower Block edges and at the center channel for each Block.

The ICLA system has a maximum power output at the antenna terminals of 12.0 Watts (40.8 dBm) +2 / -4 dB, it also has a minimum power output at the antenna terminals of 0.012 Watts (10.8 dBm +2 / -4 dB, across the PCS downlink Band (1930.00-1990.00 MHz). The signal applied to the ICLA is defined in Table 12.1. The power was reset to a minimum of 12.0 Watts at each measurement frequency to verify the spectral performance at that power level at each specific frequency of interest. The attenuation range was also verified. The specific Frequencies and channels and set power level was documented on each "Occupied Bandwidth" sheet.

Type	Number of Channels	Fraction of Power (Linear)	Fraction of Power (dB)	Comments
Pilot	1	0.2000	-7.0	Walsh 0
Sync	1	0.0471	-13.3	Walsh 32, always 1/8 rate
Paging	1	0.1882	-7.3	Walsh 1, full rate only
Traffic	6	0.09412 each	-10.3 each	Variable Walsh Assignments, full rate only

TABLE 12.1 Base Station Test Model, Nominal

Exhibit 12 RF Power Test Configuration

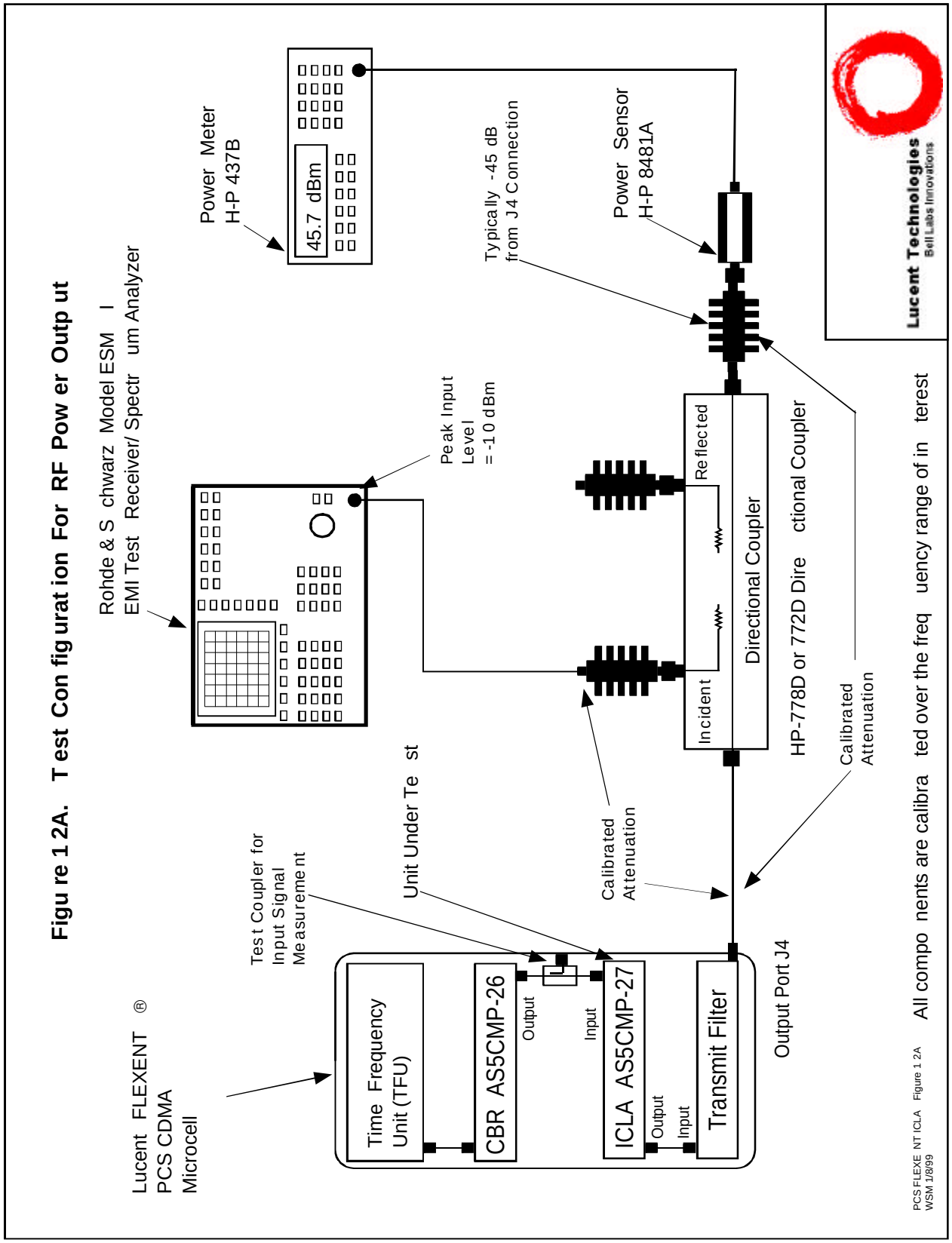

Exhibit 12

Measurement Equipment used in Figure 12 For Measurement of RF Power

OM :	Oscillator Module, 15 MHz
CBR:	CDMA Baseband Radio (**FCC ID: AS5CMP-26**)
ICLA:	Individual Channel Linear Amplifier (**FCC ID: AS5CMP-27**)
Transmit Filter:	PCS Band Transmit Filter appropriate for the investigated Block
Directional Coupler:	HP 778D Dual Directional Coupler
Power Meter:	HP 437B with HP 8481A Power Head
Plotter:	HP Model 7470A Plotter
Spectrum Analyzer:	Rohde & Schwarz ESMI EMI Test Receiver

Exhibit 12

RESULTS:

The **ICLA/ AS5CMP-27** was configured in the test setup shown in Figure 12A. For each of the PCS channels tested the **ICLA/ AS5CMP-27** delivered a minimum of 12.0 Watts +2/-0 dB when measured at the J4 output connection.
This data is recorded on the Occupied Bandwidth Data Sheets for "Left edge", "Center", and "Right Edge" of each frequency Block. Data is presented for Blocks "C", "D" and "F" which are the remaining unauthorized Blocks.

Note: The **ICLA/ AS5CMP-27** is a single CDMA channel amplifier and its maximum power level is verified at each cell site during setup of the MicroCell and installation of the **CBR, FCC ID: AS5CMP-26**.