Exhibit 12

SECTION 2.1046

MEASUREMENT OF RADIO FREQUENCY POWER OUTPUT

The test arrangements used to measure the radio frequency power output of the **BCR / AS5CMP-24** is on the following page. Measurements were made respectively at each frequency where Occupied Bandwidth measurements were performed. The use of the BCR requires that the J4 power level be calibrated for each specific channel of use. The test configuration, Figure 12a, allowed the measurement of output power for each channel investigated for Occupied Bandwidth.

The **BCR** has a maximum power output at its terminals of 0.001 Watts (0.0 dBm) +2 / -4 dB for a single Carrier. It also has a minimum power output at its output terminals of –30 dBm (+2 / -4 dB, across the Cellular down-link Band (869.00-894.00 MHz). The output signal parameters for these tests is defined in Table 12.1. The power was reset to 0.001 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, channels and set power level was documented on each "Occupied Bandwidth" data sheet.

The applied signal met the recommended characteristics per IS-97 (and when upconverted to PCS frequencies per ANSI J-STD-008 section 3.1.4) as defined below.

Type	Number of Channels	Fraction of Power (Linear)	Fraction of Power (dB)	Comments
Pilot	1	0.1490	-8.3	Walsh 0
Sync	1	0.015/p	-18.3	Walsh 32, always 1/8 rate
Paging	1	0.054	-12.7	Walsh 1, full rate only
Traffic	6	0.13 each	-8.8 each	Variable Walsh Assignments, full rate only

TABLE 12.1 Base Station Test Model, Nominal

RESULTS:

The **BCR / AS5CMP-24** was configured in the test setup shown in Figure 12A. For each of the Cellular channels tested the **BCR/ AS5CMP-24** delivered a minimum of 0.001 Watts +2/-0 dB when measured at its output connection.

This data is recorded on the Occupied Bandwidth Data Sheets for all of the Cellular Channels tested and these include the “Left edge”, and “Right Edge” channels for each frequency Band.

Exhibit 12

Equipment used in Figure 12 For Measurement of RF Power

Equipment	**Description**
PCS Mini Cell:	Fully Populated PCS Mini Cell
RFTGu :	Reference Frequency Timing Generator RFTGu or RFTGm
BCR:	CDMA Baseband Radio (FCC ID: AS5CMP-24)
Transmit Filter:	Cellular Transmit Filter appropriate for the investigated Band
Directional Coupler:	HP 778D and 772D Dual Directional Coupler
Power Meter:	HP E4419A Power Meter with EPC-E18A Power Head
Test Cables:	W.L. Gore; Low loss test cables custom mfg. for Lucent FCC Laboratory
Plotter:	HP Model 7470A Plotter
Printer:	HP Model 4500DN Printer
Attenuator, Variable	HP 8494B and 8495B DC-18 GHz digital attenuators
Attenuator, Fixed	Weinschel Corp DC-18 GHz, various values
Band Pass Filters:	Trialithic, 0.8-20 GHz, Custom manufactured for Lucent FCC Laboratory
Spectrum Analyzer:	Rohde & Schwarz ESMI EMI Test Receiver
Computer Controller:	EG Technology, Custom Mfg for FCC Laboratory Intel™ Pentium II& III, 450 and 550 MHz controllers with TILE ™ software

Exhibit 12 Figure 12A RF Power Test Configuration