

## Exhibit 7- Circuitry For Determining Frequency, Limiting Modulation and Power

### SECTION 2.1033(c) (10)

A schematic diagram and a description of all circuitry and devices provided for determining and stabilizing frequency, for suppression of spurious radiation, for limiting modulation, and for limiting power.

#### Section 2.1033 (c)(10) A description of all circuitry and devices for determining and stabilizing frequency.

**Response:** Alcatel-Lucent' **Flexent® PCS UMTS-CDMA EDPD Transceiver System**, which is incorporated into the **FLEXENT® OneBTS® PCS CDMA Modular Cell 4.0** wireless base station, is designed to operate in the Broadband PCS frequency band. Frequency stability of the carrier frequency is achieved with an accuracy better than the rated  $\pm 0.05$  ppm by the 15 MHz reference frequency generated by a highly stable Rubidium oscillator module (OMR) plus proprietary phase locked loop circuitry (PLL).  
(This data has not changed from the original filing.)

The frequency stabilization and accuracy of the **PCS UMTS-CDMA EDPD Transceivers** CDMA signal amplified by the **P2PAM** and measured at the **PCS Modular Cell 4.0** J4 connector is solely a function of the input signal from the **MCR-1900 (FCC ID: AS5ONEBTS-09)**. The Common Timing Unit (**CTU**) provides the time and frequency reference used by the **MCR-1900 (FCC ID: AS5ONEBTS-09)**. The **CTU** is a highly accurate time and frequency unit which relies upon a signal lock of GPS satellite signals to provide the primary discipline of system timing. In the event of loss of GPS lock the Rubidium Reference Oscillator (**OMU-RB**) or the Crystal Oscillator Module (**OMU-XO**) can provides up to eight hours of flywheel operation. The system provides for automatic timing synchronization upon reacquisition of GPS lock. The system is powered by an AC-DC power converter with battery backup to provide immunity to power fluctuations and failures. A complete description of the system is fully documented in the supplied manual, **Flexent® CDMA Modular Cell 4.0 Operations, Administration and Maintenance Release 25.0**. This manual has been requested for confidentiality.  
(This data has not changed from the original filing.)

#### Section 2.1033 (c)(10)

##### A description of all circuitry and devices for limiting modulation and power.

**Response:** The frequency determination, stabilization, modulation limiting and power control of the transmit signal is provided by the UMTS-CDMA Multi Carrier Radio (**MCR-1900**), Model BNJ64, which was previously authorized by the Federal Communications Commission under FCC ID: **AS5ONEBTS-09**, granted 22 February 2005 for all PCS Blocks. The **MCR-1900/ AS5ONEBTS-09** supplies the modulated signals to be amplified and all power control functions. The **PCS UMTS-CDMA-LTE EDPD Transceiver/ AS5ONEBTS-10** frequency conversion, stabilization and power control circuitry is fully described in the **MCR-1900/AS5ONEBTS-09** filing and in Exhibit 6 which details the basic frequency reference and has not changed.

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