

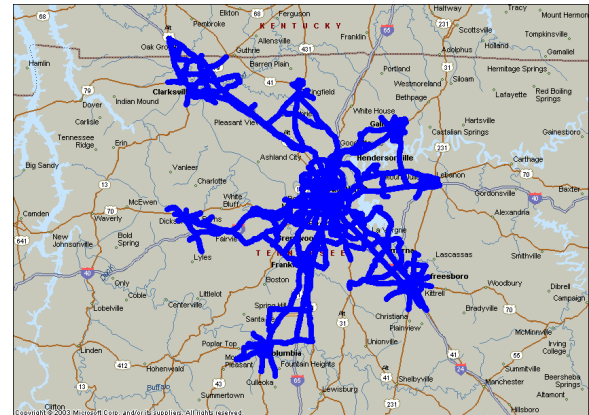
## Test Profile

| Test Parameter                   | Value   |
|----------------------------------|---|
| Networks surveyed                | Nextel - iDEN<br>Cricket Voice - CDMA<br>Cricket Data UL<br>Cricket Data DL<br>Sprint - CDMA<br>T-Mobile - GSM<br>Verizon Voice - CDMA<br>Verizon Data - CDMA<br>Cingular - GSM                                     |
| Hardware used                    | Agilent E6474A (Version 8.1)<br>Agilent E6473B (manifold)<br>Agilent E645B PN Scanner   |
| Handsets used                    | Nextel - Motorola i205<br>Cricket - Kyocera Slider<br>Cricket Data - Kyocera KX2<br>Sprint - Samsung A500<br>T-Mobile - Nokia 6230<br>Verizon - Kyocera KX 2<br>Verizon Data - Kyocera KX2<br>Cingular - Nokia 6230 |
| Software used                    | Agilent Nitro 8.1<br>WSE DataQuick<br>Microsoft MapPoint<br>Microsoft Excel<br>Microsoft Word   |
| Miles surveyed                   | Approximately 1500  |
| Data collection window           | 6:00 a.m. - 8:00 p.m. daily   |
| Call type                        | Mobile originated   |
| Call duration                    | 90 seconds  |
| Idle time between calls          | 30 seconds  |
| Location of Voice Quality Server | EnVision office in Melbourne, FL  |
| Drive test vehicle               | Standard mini-van   |
| Handset separation               | Minimum of 18 inches  |
| Handset location                 | Cradles near headrests  |
| Antenna location                 | External - PN Scanner and GPS<br>Internal - All other handsets  |
| Dates of survey                  | August 2005   |

## Parameters Measured

| Parameter                  | CDMA | iDEN | GSM | IS-136 |
|----------------------------|------|------|-----|--------|
| Forward Link Voice Quality |      |      |     |        |
| Reverse Link Voice Quality |      |      |     |        |
| Blocked Calls              | •    | •    | •   | •      |
| Dropped Calls              | •    | •    | •   | •      |
| No-Service Calls           | •    | •    | •   | •      |
| Completed Calls            | •    | •    | •   | •      |
| Call Setup Time            | •    | •    | •   | •      |
| Mobile RX Power            | •    | •    | •   | •      |
| Mobile TX Power            | •    | •    | •   | •      |
| RX Qual                    |      |      | •   |        |
| FER                        | •    |      | •   |        |
| SOE                        |      | •    |     |        |
| BER                        |      |      |     | •      |
| Aggregate Ec/Io            | •    |      |     |        |
| Strongest Ec/Io            |      |      |     |        |
| Analog Mode Calls          | •    |      | •   | •      |

## Drive Route



## Report Contents

- ▶ Executive summary
- ▶ Test methodology description
- ▶ Statistical graphs
- ▶ Geographic plots
- ▶ Raw data in ASCII format