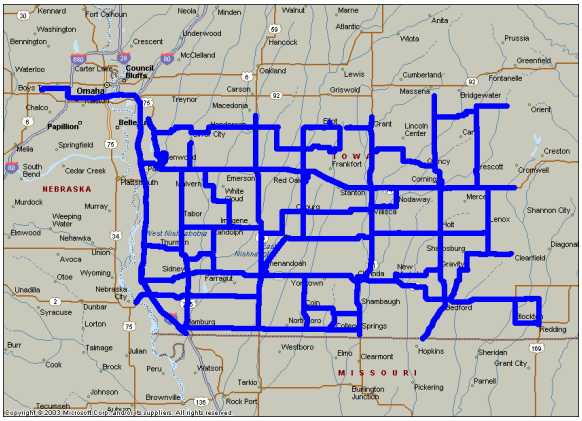
Test Profile

Test Parameter	Value
Networks surveyed	Cellular29 - CDMA US Cellular – CDMA
Hardware used	Agilent E6474A (Version 6.0) Agilent E6473B (manifold)
Handsets used	Cellular29 – Kyocera 2235 US Cellular - Kyocera 2235
Software used	Agilent Nitro 6.0 WSE DataQuick Microsoft MapPoint Microsoft Excel Microsoft Word
Miles surveyed	Approximately 750
Data collection window	6:00 a.m. – 8:00 p.m. daily
Call type	Mobile originated
Call duration	120 seconds
Idle time between calls	10 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	Internal – All handsets
Dates of survey	November 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	•			
SQE				
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

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