

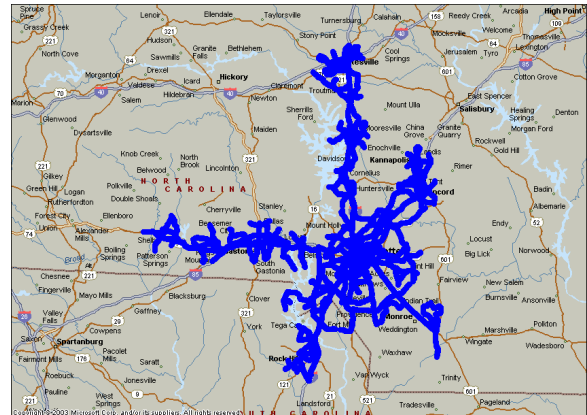
Test Profile

Test Parameter	Value
Networks surveyed	Nextel - iDEN Cricket Voice - CDMA Cricket Data UL Cricket Data DL Sprint - CDMA T-Mobile - GSM Verizon Voice - CDMA Verizon Data - CDMA Cingular - GSM Alltel - CDMA
Hardware used	Agilent E6474A (Version 8.1) Agilent E6473B (manifold) Agilent E645B PN Scanner
Handsets used	Nextel - Motorola i1000 Plus Cricket - Kyocera Phantom Cricket Data - Kyocera KX2 Sprint - Samsung A500 T-Mobile - Nokia 6230 Verizon - Kyocera KX 2 Verizon Data - Kyocera KX2 Cingular - Nokia 6230 Alltel - Kyocera 2255
Software used	Agilent Nitro 8.1 WSE DataQuick Microsoft MapPoint Microsoft Excel Microsoft Word
Miles surveyed	Approximately 1000
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 Internal - All other handsets
Dates of survey	June 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



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