DRIVE TEST ENGINEER

Professional Summary

Â Professional Drive Test Engineer with almost 2 years of experience in the Wireless Communications Industry, experience includes drive testing, post processing, in building walk testing, editing reports, data analysis, experience with throughput testing, (DL/UL), pre and post SSD testing, shakedowns on all three sectors, CCW,CW, stationary testing, E911 testing, CTTP testing, IVHHO, IFHO,SSV,CSFB and SSV testing. Has experience with XCAL, MS Streets & Trips, MATLAB, MathCAD, iOS, Android, IBWAVE, Xilinix, NEMO, QXDM, LLDM, QPST, Street Atlas, Windows, Linux/Unix, Tems, Auto CAD, JDSU/Agilent and Map Info.

Skills

Work History

Drive Test Engineer 01/2013 to 06/2014

Veyo â€“ Cross Plains , WI

- Performed 3G & 4G LT drive testing utilizing XCAL.
- Performed Full 800/1900 ATP with mobile hotspot contrivance and LG viper phone.
- Performed CW and CCW testing handover within the site.Performed E911 call testing with 2 different phones on all three sectors.
- Collected and analyzed RSSI, Ec/Io, DL, UL & ping values for both 3G and 4G testing.Performed pre and post migration Cluster/Sanity drives.
- Highly proficient in XCAL.Performed data analysis, post processing, and inditing reports Obtained highly proficiency with utilizing command prompt to run manual IPERF commands TCP UL/DL and UDP UL/DL Performed cluster fields, utilizing Delorme Street Atlas and MS Streets and Trips to navigate given routes Was able to run multiple tests simultaneously and get tasks consummated within troubleshooting window Obtained highly proficiency in XCAL software utilization, and was able to train incipient RF test engineers.

LTE Drive Test Engineer 06/2013 to 11/2013

Hasati LLC â€“ City , STATE

- Performed drive testing utilizing JDSU/Agilent E6474A wireless network optimization software.Performed individual sector tests, single site verification (SSV), cluster baseline, inter-radio access technology (IRAT) exit routes, inter-frequency hand off (IFHO) exit routes, and cluster re-drives.Analyze and Measure the LTE Parameters like RSRP, RSSI, RSRQ, SINR and CQI Measurement.Collect both scanner and UE data (SC, RSCP and Ec/No, RSSI) for all the detected cells.Performed Stationary test at the cell sites to check/verify the throughput (DL/UL) Perform CSFB testing to verify LTE call prosperity rate and call drop rate, speed test and E911.Experienced in utilizing QXDM (Qualcomm) Professional to test LTE handsets.Experienced in utilizing Street Atlas and Microsoft streets and trips implements for the navigation of drives routes.

LTE Drive Test Engineer 11/2013 to 04/2014

Avion Systems â€“ City , STATE

- site verification (SSV), cluster baseline, inter-radio access technology (IRAT) exit routes, inter-frequency hand off (IFHO) exit routes, and cluster re-fields Analyzed and quantified the LTE Parameters like RSRP, RSSI, RSRQ, SINR and CQI Measurement Collect both scanner and UE data (SC, RSCP and Ec/No, RSSI) for all the detected cells Performed Stationary test at the cell sites to check/verify the throughput (DL/UL) Performed CSFB testing to verify LTE call prosperity rate and call drop rate, speed test and E911 Obtained experience in utilizing QXDM (Qualcomm Professional implement) to test LTE handsets Obtained experience in utilizing Street Atlas and Microsoft streets and trips implements for the navigation of fields routes.

RF Drive Test Engineer 06/2014

Atec Wireless â€“ City , STATE

- Performed field testing utilizing TEMS Investigation software.Performed in Building walk testing utilizing JDSU/Agilent software.Worked on Alcatel-Lucent Metro Cell site survey project to ameliorate AT&T coverage and capacity.

Education

Bachelor of Science : Electrical and Computer Engineering 2012 University Of Minnesota - City , State

Skills

3G, ATP, AutoCAD, SC, data analysis, Hardware & Design, Linux, Mac OS, MapInfo, Maple, MathCAD, MATLAB, access, Microsoft Office, Windows, window, migration, navigation, Network, OS, optimization, Oracle, Oscilloscope, radio, scanner, Signal Generators, phones, phone, troubleshooting, Unix, VHDL, View