

GWS Tests Carrier Networks Ahead of Super Mobility

Global Wireless Solutions Inc. (GWS) is back and at it again, testing the halls of CTIA Super Mobility 2016. As the largest, most experienced independent provider of network benchmark data, GWS is performing rigorous testing to show a user's experience during the show.

GWS is testing all the major wireless carriers here at Super Mobility: AT&T, Sprint, T-Mobile, and Verizon. GWS technicians will cover every inch of the show floor to capture both VoLTE and HD data in order to get the most reliable results possible. On Tuesday the team tested a largely unloaded network ahead of the influx of attendees. Today, the

test specialists will be returning to the convention center to test the facility, common spaces and meeting rooms again as the strain on each network inevitably increases.

During the pre-show testing, all voice calls were successful on all major providers. All providers delivered HD-level voice results while GWS tested their VoLTE and HD networks. GWS performed audio MOS testing using wideband codec reference files (to test HD voice). T-Mobile delivered the best voice quality, with AT&T and Verizon just one step behind. Sprint delivered fewer HD quality voice samples

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From the Show Floor



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than the others, particularly on the uplink. Data tests showed that Verizon's LTE network delivered the fastest download throughput of 35 Mbps, coupled with an average upload throughput of 15 Mbps. AT&T pushed data to the test devices at a download speed of 21 Mbps with 10 Mbps upload speeds. Both T-Mobile and Sprint delivered download speeds between 9 to 14 Mbps. Both AT&T and Verizon improved their throughputs since last year, but T-Mobile and Sprint lagged last year's pre-show results. Verizon, T-Mobile, and AT&T all provided average latencies of around 62 msec.

Pre-Show



Stay tuned for an inside look into what the mobile performance is like throughout the course of this week at Super Mobility. ●