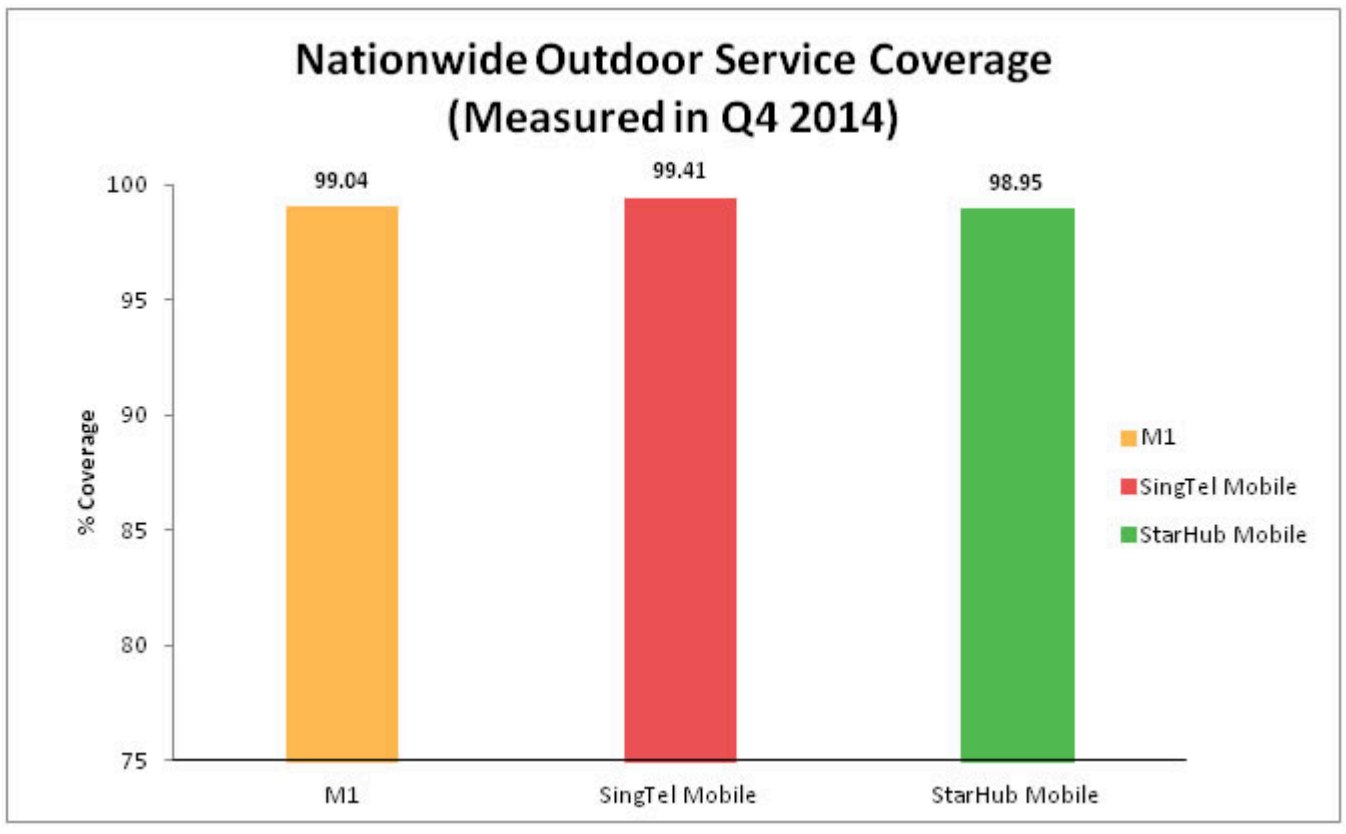
4G Measurement Survey Results for Q4 2014

4G Mobile Service Coverage in Q4 2014

Nationwide Outdoor Service Coverage

This indicator measures Nationwide Outdoor Service Coverage for the 4G cellular network. Outdoor 4G mobile service coverage is the ability of a cellular network to achieve a minimum signal strength of at least - 109dBm. The outdoor areas surveyed by IDA include all main roads, as well as areas such as housing estates/town centres, outdoor recreational areas and above ground MRT tracks. In order to better reflect end users' experience, IDA had used mobile handsets to collect signal strength sample readings for all mobile service coverage indicators.



Note: End users' individual experience may differ due to various reasons such as model of handset used, handset settings, number of users in the vicinity, etc.

Tunnel Service Coverage

This indicator measures service coverage for the 4G cellular network within tunnels.

IDA's Performance Survey Period - Q4 2014	**M1**	**SingTel Mobile**	**StarHub Mobile**
CTE	Rollout in progress	100%	99.73%
KPE		Rollout in progress	97.74%
Fort Canning			100%
Woodsville		100%	100%

IDA's Performance Survey Period - Q4 2014	M1	SingTel Mobile	StarHub Mobile
MCE		Rollout in progress	Rollout in progress
NS MRT			99.75%
EW MRT			98.44%
CCL MRT	99.42%		Rollout in progress
NEL MRT	98.02%	99.06%	98.92%
CAL MRT	Rollout in progress	91.79%	Rollout in progress

Note 1: For road and/or MRT tunnels without a published result, it means that the respective mobile operator has not completed its 4G service deployment at the particular road and/or MRT tunnel.

Note 2: End users' individual experience may differ due to various reasons such as model of handset used, handset settings, number of users in the vicinity, etc. The tunnel service coverage results are based on IDA's coverage performance surveys.

Note 3: Rollout of 4G coverage between "Promenade" and "Marina Bay" MRT stations in Circle Line MRT is in progress for M1.