

4G Measurement Survey Results for July to September 2018

4G Mobile Service Coverage for July to September 2018

In-Building Service Coverage

The indicator measures in-building service coverage for the 4G cellular mobile network. In-building service coverage measures the percentage of data points collected in a building from a 4G cellular mobile network that achieves a minimum signal strength of at least -109dBm. Service coverage is measured at randomly selected buildings and at publicly accessible areas within the tested buildings as a proxy for the coverage in the entire building to avoid disturbing residents. In order to better reflect end users' experience, IMDA uses mobile phones to collect the signal strength data points.

M1	Singtel Mobile	StarHub Mobile
IMDA's Performance Survey Period - Q3 2018 (July to September)		
No. of Buildings with 4G Service Coverage of > 85% at a Signal Strength of -109dBm or better/ No. of Buildings Tested		
53/60	58/60	59/60

Note: The same sixty buildings were tested across the three mobile operators. The performance of each of the mobile operator varies for each of the building tested. End users' individual experience may differ due to different models of handset used, handset settings, number of users in the vicinity, etc.

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