



28 January, 2011

To whom it may concern,

CSL has long cooperating relations with SIRADEL in Map Data since 2004. We are a local player in Hong Kong market, Hong Kong is known as one of the most challenging and complex urban environments in the world, we pay a lot of attention to maintain our network competitiveness. After the first acquisition of Map Data from SIRADEL in 2004, we have several updates every year or every 2 years as we are convinced that the accuracy of Map Data is the very important element of the radio network planning.

Different from what we have used before, SIRADEL's 3D high resolution data are extremely precise. Not only have they included more clutter types, like vegetation is indispensable, but also there are very detailed descriptions on building height. As radio network planning and optimization is their real expertise, they know exactly the best map for our network.

When changing equipment supplier two years ago, SIRADEL played a fundamental role, alongside the new provider ZTE. SIRADEL has provided a turnkey solution including CW measurement data collection in Hong Kong aiming at calibrating their in-house advanced RF propagation model Volcano, leading to very accurate RF predictions with high KPI levels on one side and wide application range on the other side. This solution has been successfully used by the vendor for a smooth and time-effective RF network re-design.

We are quite impressed by SIRADEL professionalism in the domain. And quick and responsible technical support is part of their excellent jobs. We are now using ourselves Volcano within our own platform whereas the vendor is still using it for the newest LTE network design.

Therefore, it is quite a pleasure for me to make this recommendation. SIRADEL's know-how in map data for wireless industry and in RF propagation modeling, especially for network planning/optimization is very solid. I am writing this letter to strongly recommend SIRADEL to be taken serious consideration.



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