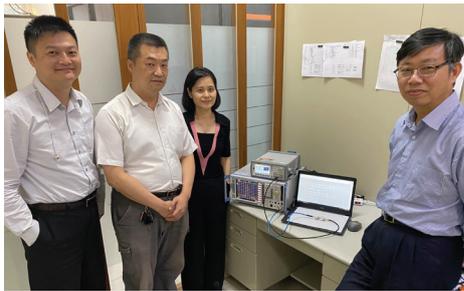


The arrangement of the test bench for demonstrating the performance of MPE's MSK range of miniature ceramic feedthrough filters



The EMtrek project team, from left to right, Smile Lin (Vice-President, Sales and Marketing), Leo Ho (Executive Specialist), Sylvia Huang (Senior Account Sales) and Richard Liu (General Manager of EMtrek and WavePro).

EMtrek tests MPE's ceramic filters in Taiwan

Despite the challenges posed by the Covid-19 pandemic, MPE has been robustly protecting and maintaining its business in the Far East, with a recent focus on Taiwan in particular. Working closely with its exclusive distributor for Taiwan, EMtrek Technologies Corporation of Dashi Town, Taoyuan County, MPE has been busy manufacturing and supplying quantities of its legacy ceramic filter and feedthrough filter ranges.

EMtrek Technologies have a team of 35 specialists – including four experienced field sales engineers – and have been designing and producing integrated EM test systems, from 200 MHz VHF communications frequency now up to 950 GHz, in Taiwan since 1993. They supply high-technology, complementary products, offering cutting-edge solutions from proven and established manufacturers to a well-established client base active in the areas of defence, satellite and 5G New Radio (5G NR) communications, education and industry.

In particular they dominate the market for antenna test systems, having built more than 200 worldwide, and command a market-leading share of over 80% for the supply of antenna test chambers within university and college education.

Calling upon this expertise, in June 2020 EMtrek were contracted to construct a testbed that would demonstrate the performance of MPE's MSK range of miniature ceramic feedthrough filters.

Comprising various signal generators and controlled via LabView software, response was critically analysed across the full frequency spectrum, with these tests being witnessed at first hand by EMtrek's customer. Following the successful conclusion of the testing and having fully satisfied their client, EMtrek went on to assist the customer's quality control department, advising on how to set up a similar EMC test bench for further production volumes.

Paul Currie, Sales and Marketing Director of MPE Ltd, remarks: "Having worked previously with EMtrek on a number of Electromagnetic Pulse (EMP) projects, it has been great to expand business into the ceramic and feedthrough areas. MPE's quality and reliability, coupled with EMtrek's technical capability and established track record, have proved yet again to be a winning combination."

Richard Liu, General Manager of EMtrek, comments: "MPE's advice and assistance ensured that the test set-up and testing process were completed without any major issues, so that our client was fully satisfied. I am confident that this continued collaboration will lead to further increases in business for MPE's products within Taiwan."

For details of EMtrek Technologies Corporation, check out www.emtrek.com.tw or call their enquiry hotline +886-3307-1256.

