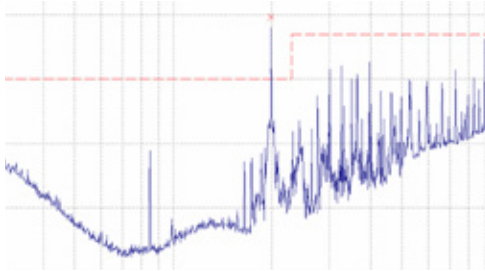




Microteam

ELECTRONICS • AUTOMATION • ROBOTICS • AUTOMOTIVE



EMC PROBLEMS? SOLVED!

Every electronics product has to undergo certain testing to assess its electromagnetic compatibility, or EMC for short. Typically this testing is done by a test laboratory that gives a pass or a fail result together with a set of graphs like the one shown above. But what to do if, and when, the result is a fail?

EMC IS NOT ABOUT TESTING!

Microteam has a 35 year experience in product development for the most challenging fields of electronics engineering: military, automotive and heavy industrial sectors. This has taught us how to engineer devices that are immune to heavy disturbances and that radiate low emissions. Now this expertise is available to you, too.

Our in-house laboratory is operated by seasoned design engineers, not by lab technicians. They are able to pinpoint the source of the failure and often immediately provide a solution. At Microteam, the result is not a pass-or-fail judgement: the result is a working product that will pass the test. Better yet, letting our experts to review your design files can save you a whole prototype round.

EMC IS A RELIABILITY METRIC

Instead of resorting to "copper tape magic", we will find the root cause by analysing the device itself. Rather often the suggested improvements not only make the product pass the EMC test, but they also improve its reliability in the field. More often than not, a high RF emission level is an alert sign for an underlying reliability issue.




FACILITIES

Microteam is not a test lab. We are a company providing electronics engineering services, including EMC consultancy. The level of expertise is maybe best demonstrated by the fact that also our test lab is designed by ourselves. The GTEM type cell is exceptionally well suited for design-time or pre-compliance measurements due to its inherently wide bandwidth: unlike in an OATS chamber, also the low-frequency phenomena can be measured reliably in a GTEM.

WHAT'S YOUR APPLICATION?

Microteam has wide experience in real-time signal processing as well as in development of embedded systems since 1981. For more information about references and prices please contact sales@microteam.fi



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