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News

EMC measurement UFM120

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Over the recent years, electromagnetic compatibility (EMC) has become a hot topic within the railway industry.

Early 2019 EURAILSCOUT's measurement vehicle UFM120 has been equipped with various new systems dedicated to overhead line measurements. Due to the nature of these systems, the EMC performance of the vehicle was to be re-verified. This has been done according to both EN 50121 and ERA/ERTMS/033281 using new future-proof equipment that is capable of registering emissions across the complete range of bandwidths simultaneously, for both magnetic and electric fields. We are proud to report that UFM120 still performs well within all set limits.

EURAILSCOUT would like to thank HHC/DRS for their excellent services and the Dutch Ministry of Defence for generously facilitating testing grounds.

