



RSGB EMC Committee update to the Spectrum Forum

November 2020

Help Desk

One hundred and seventeen cases were handled by the help desk in the year. The EMC matters forum was closed through lack of use.

Dealings with Ofcom

VDSL: EMCC ran a campaign in the May edition of RadCom to help members report RFI from VDSL to Ofcom to challenge Ofcom's opinion that this is not a common problem. This include the 'Lelantos' analysis and identification tool. Some clubs have set up mobile SDR based receivers to record the RFI from VDSL at members QTH's who don't have the necessary tools. We hope that the current circa 100 reports can be increased by this method.

EMF: RSGB and its members put in 255 responses to the February Ofcom consultation on EMF and proposed change to licence conditions. We have met with Ofcom to discuss further changes to their proposals prior to a second submission against their November detailed consultation. RSGB has joined with ARRL to form a team of seven world experts in RF safety who are modelling the way stations can be set up to comply with ICNIRP recommendations for public exposure.

IARU / Region-1 C7 activities

Martin Sach (IARU EMC Coordinator) leads CISPR activities particularly TR 16-4-4 which describes a mathematical model for how future limits should be set. He presented a paper at the IARU R1 virtual general conference. A Monte Carlo analysis has been used to prove that current probability estimates are used wrongly to relax standard levels. This will soon go to vote and put IARU and a few allies in conflict with most major manufacturers on National Committees.

David Lauder chairs the noise measuring campaign, a long standing IARU project to measure the noise floor. He presented a paper at the IARU R1 virtual general conference. WPT discussions continue in CEPT and ITU. IARU is also continuing to work with a major car manufacturer to run evaluation tests. Don Beattie presented a WPT paper at the IARU R1 virtual general conference.

British Standards

RSGB EMCC members continue to review relevant standards at BSI level and try to influence National Committees prior to voting on selective Key issues.

Investigations

Activities severely curtailed by Covid 19 but hopefully many can be continued next year.

John Rogers RSGB EMCC, November 2020