



RSGB EMCC update to the Spectrum Forum - November 2021

Help Desk

115 cases were handled by the help desk in the year. Topics included TVI, SMPSU's and battery chargers, pacemakers and their safety, solar PV installations including what to expect.

VDSL complaints to Ofcom

We continue to support members who are investigating whether the raised noise floors that they are experiencing are due to VDSL interference. Additionally, where necessary, we have assisted members in submitting complaints to Ofcom about VDSL interference. We have submitted 2 FOI requests to Ofcom seeking information about how they handled the VDSL interference complaints submitted to them over the last 18 months and why most were rejected without any further investigation. Unfortunately, the FOIs failed to solicit any significant information. We continue to pursue this matter. Escalation strategies are proposed including parliamentary lobbying.

Ofcom changes to license conditions for EMF

RSGB has joined with ARRL to form a team of experts in RF safety who are modelling the way stations can be set up to comply with new licence requirements. The EMF web page now contains the first pre-Assessed Equipment Configurations for HF dipoles and for VHF and up beam antennas. Another on microwave dishes will be published soon. Four articles have been published in RadCom this year. Seven videos have been made to help guide people with the Compliance Checks, these have been viewed more than 21,000 times. The calculator is being used by thousands to check and record their compliance.

IARU Region 1 EMC Committee activities

Martin Sach (IARU EMC Coordinator) leads CISPR activities focussed on Wireless Power Transfer WPT(EV). David Lauder chairs the IARU Region 1 EMC Committee Noise Measurement Campaign (NMC) Sub-Group. The main work of this sub-group has been done by the DARC Electrical Noise Area Monitoring System (ENAMS) team led by Klaus DL6SES. A total of 52 on-line HF noise monitoring stations have been installed in Germany and further ENAMS units are being produced for societies in Austria, Switzerland, France, Belgium, New Zealand and the UK.

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. The protection of radio services up to 6 GHz is an emerging area of interest.

Investigations

No on-site measurements have been performed due to Covid 19 restrictions; various items of equipment sent in by members have been investigated including some 'smart' car battery chargers that have no RF interference filtering. This work was reported through EMC RadCom column. A second spectrum analyser has been procured to allow investigation activities to grow..

John Rogers RSGB EMCCC