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Subject	Noise level measuring network		
Society	OEVSV	Country:	Austria
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Background:

An increasing number of devices and networks are entering the market and act as unintentional radiators in HF spectrum. All efforts to stop the deployment of such appliances have failed so far.

Situation:

Given the high number of radiating networks, a significant increase of the ambient noise level on HF bands is predicted by some studies. (BBC)

In order to prove the trend in relative and absolute numbers and to document the harmfulness of this relaxed EMC regulation, amateurs are called to setup some medium and long term automatic QRM probes (similar to a beacon network, but passive) using modern SDR technology. Several locations in Europe and Africa should be used and collected data should be revisited and published.

Recommendation:

OeVSV therefore recommends that IARU R1 stimulate a measurement program to generate facts on the noise situation on HF bands. Sufficient funding should be assigned to this project, which could be driven by either IARU-R1 EMC group or IARU-R1 beacon coordinator.