

# Thames Amateur Radio Group

[www.ThamesARG.org.uk](http://www.ThamesARG.org.uk)  
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## GB2MFM

This is the club event over the weekend of 14/15 Sept. Brian, 2E0EUD (left in photo), is organising the event this year.



There is a lot involved in putting these things together and last week he met the park ranger for a site visit and to confirm sufficiency of the Health and Safety paperwork he had prepared. More details at: [ThamesARG.org.uk/Events](http://ThamesARG.org.uk/Events)

## Antenna Day

This was the second year TARG held this educational activity, kindly hosted by Gary M0ICG (right in photo) at this QTH where there are many large antennas on permanent display. A key factor in the popularity of these events is the TARG element of "fun".



## Work in Progress

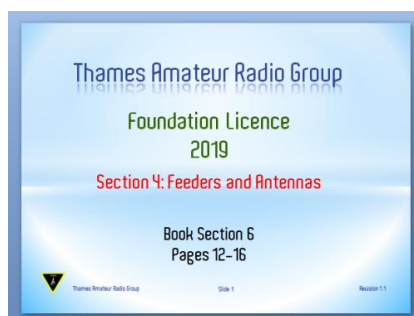
TARGet Nite (the 3rd Fri of each month) is where we get hands on with radio and offer each other practical help. Last month a Clansman (suitably adapted for amateur LSB from the military exclusive USB) was brought along for demonstration.



The next TARGet nite is on 19th July at 8pm but: *Shhhhh!* There will be an Advanced Exam taking place elsewhere in the building so please keep the noise down. Most activities will be on the grass outside with access for facilities via the fire exit (weather permitting).

## Training Update

The TARG lead for Training, Mark M0IEO, facilitated a working party to review the new RSGB syllabus and divvy up the task of producing a fresh set of training aids between 7 volunteers who have taken on a lot of preparation work.



## RF on the Body

It's all about distance. The further away the source of the RF, the better! Dr.Bejoy, M0IKN, proved the point with a tape measure clamped to the table and a SDR at the other end then measured the decrease in received power with a meter. The problem comes when we have no choice or knowledge of dangerous RF levels in public transmitters and phones.



The erudite talk was backed up with research papers and useful links which, as promised, are shown below:

- [www.samsung.com/sar](http://www.samsung.com/sar)
- [www.gov.uk/government/collections/electromagnetic-fields#radio-waves](http://www.gov.uk/government/collections/electromagnetic-fields#radio-waves)
- [www.emfs.info/sources/levels/thresholds/](http://www.emfs.info/sources/levels/thresholds/)
- [www.emfs.info/limits/limits-organisations/eu-2013/](http://www.emfs.info/limits/limits-organisations/eu-2013/)
- <https://bit.ly/2LH3GGw>

Mark mentioned a chart that shows Field Strength v. Distance:

- [https://amphenolprocom.com/images/PDF/Technical\\_Tools\\_-\\_Conversions.pdf](https://amphenolprocom.com/images/PDF/Technical_Tools_-_Conversions.pdf)

## Next Month's Talk

2nd Aug 8pm: "EMC, RFI, Noise" by John M0LFX. A presentation with lots of practical exhibits and based on years of experience.