



German Association of wireless SRD Users and Manufactures

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Information regards to ERC/REC Annex 8 Model Control

Presents the frequency bands and their status with respect to the EC Decision on SRDs and current work on CEPT_Report_5th_update_of_the_EC_SRD_decision

Dear Mr. Weber,

As discussed during the ETSI ERM/TG28 meeting and the SE24 meeting ISAD will give a short status about the current situation of the use of frequency bands, which are allocated to Model Control Applications, see Annex 8 of ERC/REC 70-03.

(Annex 8) Band a:

27 MHz it is still in use for cars and boats. The numbers are not clear. For model planes it is not used anymore, probably some older Equipment are existing.
There are huge numbers in use for toys, 1-2 millions.

(Annex 8) Band b:


35 MHz for Model planes are still strongly in use, numbers > 1 000000 devices, Tendency is going down. For some special models with reasonable numbers there is still a strong need to use this band in the future.

(Annex 8) Band c:

40 MHz devices are extensively used and shared for planes, Cars and Boats. Numbers of users are higher than in Band b.
The band is also used for Toys. Number of active Systems > 1 000000.

- Duty Cycle limitations are not acceptable for model control equipments because of 'permanent' transmission, even LBT will not be an alternative.
- The current migration to 2.4GHz devices does not mean a transfer of all active system at all. There are many different applications where there is a need for the use of the Low-VHF-Bands. An example is flying and driving using live-video picture or submarines. In general 35 MHz and 40 MHz should be regulated as it is because of the current and future demand.
- The estimation of the current numbers of active systems come from stakeholders active in the R/C-area and based on data from Year 2011

(Inputs from Deutscher Aero Club e.V., Deutscher Modellfliegerverband e.V. EMIG-RC and ISAD e. V.)


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