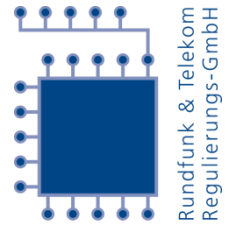


Wir stehen für **Wettbewerb** und **Medienvielfalt**.



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Mobilregulierungsdialog

Update on Radio Spectrum

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2016-02-12



Content

- 700 MHz – Proposal by European Commission
- Future availability of 2G (GSM) for M2M?



700 MHz – Proposal by the European Commission

- Feb 2nd, 2016: Proposal by the European Commission for a decision of the European Parliament and of the council on the use of the 470-790 MHz frequency band in the Union accompanied by an impact assessment

- Ressources:
 - Draft Decision: <http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:52016PC0043>
 - Impact Assessment: http://ec.europa.eu/newsroom/dae/document.cfm?doc_id=13717



700 MHz – Key elements of the proposal

- Allow mobile broadband usage of 700 MHz band by June 30th, 2020
- Cross-border coordination by December 31st, 2017
- Coverage obligation of 30 Mbit/s indoor & outdoor
- 470-694 MHz might be used for downlink-only
- “National roadmap” until December 31st, 2017
- Assessment of future use for 470-694 MHz by January 1st, 2025



Draft implementing decision on 700 MHz

- Draft Commission Implementing Decision on the harmonisation of the 694-791 MHz frequency band for systems capable of providing electronic communications services and for flexible national use in the Union
- Currently discussed in the Radio Spectrum Committee
- Key element: Technical parameters for mobile broadband usage:
 - *“(..) designate and make available the 703-733 MHz and 758-788 MHz frequency bands, on a non-exclusive basis, for terrestrial systems capable of providing [WBB] electronic communications services in compliance with the parameters set out in the Annex(..);”*



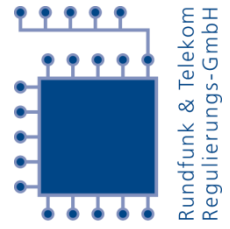
Future availability of 2G (GSM) for M2M?

- M2M users (e.g. suppliers for heating systems) question future availability
- 2G (GSM) technology is outdated
- No regulatory obligation to operate 2G (GSM)

- What should M2M users do?
 - Stick to 2G (GSM)?
 - Switch to 3G (UMTS)?
 - Switch to 4G (LTE)?



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