



SPECIAL LTE INTERFERENCE

APWPT SPECIAL LTE INTERFERENCE

See also the update as of 17th May 2012:

[Unlicensed Operation in the TV Broadcast Band](#) [107 KB]

This document addresses five petitions for reconsideration of the Commission's decisions in the Second Memorandum Opinion and Order ("Second MO&O") in this proceeding and modifies the Commission's rules in certain respects. In particular, the Commission is increasing the maximum height above average terrain (HAAT) for sites where fixed devices may operate; modifying the adjacent channel emission limits to specify fixed rather than relative levels; and slightly increasing the maximum permissible power spectral density (PSD) for each category of TV bands device. These changes will result in decreased operating costs for fixed TVBDs and allow them to provide greater coverage, thus increasing the availability of wireless broadband services in rural and underserved areas without increasing the risk of interference to incumbent services. The Commission is also revising and amending several of its rules to better effectuate the Commission's earlier decisions in this docket and to remove ambiguities.

LTE STÖRUNGSPOTENTIAL / LTE INTERFERENCE POTENTIAL

Wie können LTE Endgeräte Nachbarfrequenzen stören?

How can affect LTE user equipment adjacent frequencies?

JRC text report November 2013

Presentation: [PMSE - LTE Coexistence](#) [1.798 KB]

Study: [PMSE Operation in the 800 MHz Duplex Gap](#) [2.063 KB]

IRT test report October 2013

[LTE interference on analogue and digital PMSE devices](#) [1.673 KB] (English)

APWPT/DKE test report July 2012:

Spezial: [LTE Störungspotential auf Mikrofone](#) [1.671 KB] (German)

Special: [LTE Interference potential to Mics](#) [1.676 KB] (Englisch)

Video recorded September 2012:

Video: [LTE UE at 837 MHz](#) [28.983 KB]

Video: [LTE UE at 847 MHz](#) [47.941 KB]

Video recorded November 2013:

Video: [IRT LTE Spectrum Record](#) [63.955 KB]

Hören Sie den LTE-Effekt in einer Mikrofonstrecke in 3m Entfernung

Listen the LTE effect to a microphone link in a distance of 3m

Audio recorded April 2013:

Audio: [MicSignal864MHz_Minus69dBm_LTE857MHz](#) [10.692 KB]

Auf vielfachen Wunsch - Hören Sie den LTE-Effekt in einer Mikrofonstrecke in 7m Entfernung

By popular request - listen the LTE UE effect to a microphone link in a distance of 7m

Audio recorded November 2013:

Audio: [LTE UE effect on adjacent analogue PMSE](#) [946 KB]

Audio: [LTE UE effect on adjacent digital PMSE](#) [948 KB]