

Ultra-Wideband (UWB) Certification Issues and Guidance

TCB Workshop
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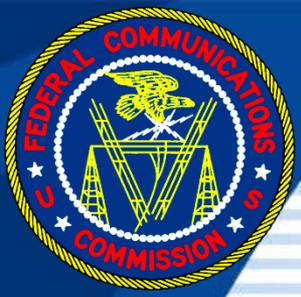
UWB Certification Guidance

- Whenever possible, §15.250 should be considered in lieu of §15.517 and/or §15.519.
 - If fundamental emission will fit between 5925 MHz and 7250 MHz, then certification under 15.250 offers coordination advantages since no Government restricted bands are involved.
 - Several UWB RF tag applications operate within this frequency range.
- Hand-held requirement of 15.519
 - Qualification often determined on a case-by-case basis.
 - When applicability is not obvious, contact FCC laboratory via KDB inquiry for guidance.



UWB Certification Guidance (continued)

- §15.519(a)(1) requires that a handheld UWB transmitter cease transmissions within 10 seconds of failure to receive an acknowledgement from an associated receiver.
 - Application for certification must provide a coherent technical explanation for how this requirement is satisfied and how it is verified.
- §15.521 specifies technical requirements applicable to all valid UWB applications specified in the previous sections (i.e., §15.509 through §15.521)
 - Do not apply for certification of a UWB device solely under §15.521



Questions?