



# DTS KDB Update

Steven K. Jones



# Pending Update to KDB 558074

- Will provide for an alternate procedure for measuring the unwanted emission power in Restricted bands (see §15.205) from protocol-limited DTS devices
- The average (RMS) power associated with an unwanted emission from a protocol-limited DTS device can be measured while operating at its maximum transmission duty cycle, instead of while operating in continuous transmission mode, but only under the following conditions (note that this modification effectively adds one additional limitation, maximum averaging time, to those already specified in the KDB):
  - Unwanted emission under measurement is temporally related to the fundamental emission,
  - Unwanted emission falls in to a Restricted band (as defined by §15.205),
  - Maximum duty cycle claimed is “hardwired” such that under no condition can it be changed or modified by the device or an end user,
  - A documented justification is provided, including time domain measurements depicting the worst-case duty cycle,
  - The averaging time used in the measurement is no longer than the actual pulse train period and in no case, longer than 100 milliseconds.
- This procedure can be used while the KDB is undergoing revision.