



Signal Booster KDB Guidance Update

**Federal Communications Commission
Office of Engineering and Technology
Laboratory Division**



Signal Booster/Amplifier/Repeater Compliance Measurement Procedures

- Efforts are continuing to finalize standard measurement procedures applicable to consumer and non-consumer signal boosters, amplifiers and repeaters.
- Compliance measurement guidance initially published in KDB 935210 D03 and D04.
 - 935210 D03 provides compliance measurement guidance for wideband consumer signal boosters
 - 935210 D04 provides measurement guidance for provider-specific consumer signal boosters
- Equivalent compliance measurement guidance included in draft ANSI C63.26 standard.



Updated Measurement Guidance

- Introduced new component to KDB 935210, designated as D05.
 - 935210 D05 provides compliance measurement guidance for industrial and non-consumer signal boosters, amplifiers and repeaters.
 - Applies to devices intended for use in the Commercial Mobile Radio Service (CMRS), Land Mobile Radio Service (LMRS) and Public Safety Radio Service (PSRS).
 - No significant changes in technical requirements for these devices.
 - Instead, the new KDB guidance provides standard procedures for obtaining the data necessary to demonstrate compliance to those requirements that were previously specified via a check list.
 - Equivalent guidance also provided in draft ANSI C63.26 standard.
 - This new component has now been published as a draft for comment, with an associated 30-day comment period.
- KDB 935210 D03 has been modified to include an alternative anti-oscillation test procedure.
 - Revised D03 also published as a draft for comment with a 30-day comment period.