



# **Low Power Indoor Devices (KDB Publication) 987594 & Misc.**

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## Summary

- KDB publication 987594 has been published since mid December 2020 (draft version since August 2020). Revision published February 2021.
- Several devices including modules have been certified to-date.
- Proliferation of these modules are expected in host devices.
- PAG guidance updated to allow these host products quicker to market.



# Things to keep in mind

- ❖ Under PAG
- ❖ If you have a composite device with a 6 GHz equipment class it is limited to indoor use even if other equipment classes allow outdoor use. For example, a triband AP supporting 6 GHz is restricted to indoor use even though other bands allow outdoor use. If the manufacturer wants to use 2.4 GHz & 5 GHz outdoors they need to provide details of how the AP knows it is outdoors and prohibits 6 GHz operation. You cannot leave it to the user.
- ❖ Surveillance cameras fixed outdoors are prohibited from using 6 GHz.
- ❖ Requires integrated antennas. Supersedes 15.203
- ❖ If a device can be used with multiple antennas the highest and lowest antennas need to be listed on the grant.
- ❖ If a host integrator wants to use a lower gain antenna of the same type additional CBP testing needs to be performed while the module is installed in the host.



## Miscellaneous

- 1. LPR devices can be certified under 15.256. As an alternate they can be certified under general provisions, i.e., 15.205 & 15.209 per 15.31(q).



Questions?

THANK YOU