

## KDB 388624 - Limited Modular (MODLIM) rule part specific Pre-Approval Guide (PAG) document.

This Limited Modular and new antenna type Class II Permissive Change request for this radio is based on the following information:

- FCC ID: AU792U13A16858
- Addition of a new antenna type.
- New antenna type limited to the host device application.
- Grant notes for C2PC Limited Module to contain wording limiting this to the Water Meter application host device as tested.

The new antenna type is for an underlid mount application of an Omnidirectional folded dipole antenna for use with water meter valve host application. This antenna is designed and owned by the host device manufacturer.

Reference KDB guidance: KDB 178919 D01 Section II, A, 3, (New antenna type) and FCC Part 15.203.

Reference KDB guidance: KDB 178919 D01 section III paragraph B: Limited the installation to a specific host or hosts, and KDB 996369 III, B.

Reference KDB guidance for testing: KDB 996369 D04 Module Integration Guide, and KDB 447498 RF exposure compliance.

- New antenna and module combination is tested in the host device/application and is limited to this host device.
- Test results for this application are based on the new antenna and module combination and tested in the host device.
- This limited module continues to comply with the antenna requirements of Section 15.203 and 15.204(c), as seen in the original single module approval. No changes are made to the antenna connector.
- No changes to the approved single module hardware or software have been made, and that single module approval remains valid. (FCC ID: AU792U13A16858)
- The original single module grant limitations remain.

Reference:

Testing for this C2PC for new antenna type and limited to the host test device:

FCC Part 15B (15.109) and Part 15C (15.247) with host device and new antenna

FCC Part 1.1310 Maximum Permissible Exposure