

Title: Radio Amplification Systems Policy

Index: 104-D

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Owner: Technical Working Group (TWG)

1. Purpose

This policy is to establish expectations for the management of signal boosters on the PCWIN 800 MHz radio system.

2. Background

- a. Signal Boosters are used to enhance in building and outdoor radio signal coverage
- b. The FCC requires signal boosters to be used on a non-interference basis.

3. Policy Statement

- a. It is PCWIN policy to review and approve the design and implementation of any and all signal boosters, also referred to as bi-directional amplifiers (BDA), used to retransmit Pima County or City of Tucson licensed frequencies that are part of the PCWIN system.
- b. As an FCC licensee, PCWIN is subject to Federal regulations. Specifically, and for purposes of this policy, PCWIN and its members are responsible to comply with regulation 47CFR90.219 "Use of Signal Boosters."
- c. According to FCC regulation 47CFR90.219, anyone operating a signal booster to retransmit PCWIN licensed frequencies must have the consent of the PCWIN Network Managing Member.
- d. Part 90 Class B signal boosters (non-channelized BDAs) must be registered through the FCC Signal Booster Registration & Discovery website: www.fcc.gov/signal-boosters/registration.
- e. If a signal booster is suspected of causing harmful interference, the operator must turn off or adjust the settings of the device at the request of the PCWIN Network Managing Member, the FCC, or any impacted licensee to eliminate the harmful interference. Any signal booster operator who does not comply with such as request, may be subjected to FCC fines as determined by FCC investigation

4. Applies to

- a. All PCWIN users

5. Supporting Rules

- a. 204-L Managing Radio Amplification Systems

6. Conditions for Exemption or Waiver

- a. None