

Part 90R Application Review Guide

CASB A 9 K 2

Public Safety Bands: 764-776 MHz and 794-806 MHz

1. Explanation of which Narrowband or Wideband channel segments the device is capable of supporting from those listed in 90.531(b), and 90.531(c).

- For Narrowband segments:

- a) Is the device capable of operating on "General Use" channels listed in 90.531(b)(5) or "State" channels listed in 90.531(b)(6)? *Yes, Transmit Chs 1-760, Receive Chs 961-1920*
- b) Is the device ONLY capable of operating on Low Power "Regional" channels listed in 90.531(b)(3) or Low Power "Itinerant" channels listed in 90.531(b)(4)? *No*
- c) Is the device capable of operating on "Nationwide" Interoperability channels listed in 90.531(b)(1)? *Yes*

- For Wideband segments:

- d) Is the device capable of operating on Interoperability channels listed in 90.531(c)(1)?
No, not designed to operate 50kHz Channel Spacing.

2. Statement regarding the modulation capabilities of the device:

Not applicable, not a mobile or portable.

- Does the device support digital Voice only, Data only, or both [see 90.547]?
- Does the device support analog voice operation [see 90.535(a)]?
*Yes it does support analog voice, but rule prohibits its use
Analog operation is a secondary mode.*

3. Verify the following Interoperability Channel Operation requirements listed in 90.531 and 90.547 for Narrowband mobile, portable, or control devices only, given the information from #1. and #2. above:

a) Designed for Data ONLY Operation on Nationwide, General Use or State channels - Must be capable of operating on the data interoperability channels listed in 90.531(b)(1)(i).

b) Designed for Voice ONLY Operation on Nationwide, General Use or State channels - Must be capable of operating on the nationwide and calling only interoperability channels listed in 90.531(b)(1) and (b)(1)(ii), but do not have to operate on data only channels listed in 90.531(b)(1)(i).

c) Designed for BOTH Voice and Data Operation on Nationwide, General Use or State channels - Must be capable of operating on all nationwide interoperability channels including data only and calling only channels listed in 90.531(b)(1), (b)(1)(i), and (b)(1)(ii).

d) Designed for Low Power ONLY Operation on Regional/Itinerant channels - Must operate ONLY on the data/voice channels listed in 90.531(b)(3) or (b)(4).

*Not Applicable
Base Station
equipment.*