

Important Information on FCC Narrowbanding Rules and Intuicom Products

Per new FCC rules, as of January 1, 2013 licensees in the private land mobile UHF band may not operate on channel bandwidths of 25 kHz. Beginning January 1, 2013 those channel widths will be reduced, or “narrowed,” by half to 12.5 kHz.

Consequently, *as of January 1, 2013, Intuicom will only ship products into the U.S. market that operate in at least 12.5 kHz efficiency.*

Below are some FAQs which will help clarify any impact to customers.

Can I still use my Intuicom products purchased before the January 1 deadline?

Yes. However, to be in compliance with FCC rules, they may not be operated in the 25 kHz bandwidth:

“After January 1, 2013, licensees not operating at 12.5 KHz efficiency will be in violation of the Commission’s rules and could be subject to FCC enforcement action, which may result in admonishment, monetary fines, or loss of license.” (www.fcc.gov)

How do I reset the channel width to comply?

1. Open up BridgePro™ software to the “UHF Channels” tab.
2. Select “12.5” from the “Width (kHz)” pulldown menu. Be sure to “Apply Config” and save changes if prompted.

Bridge Model Information

Modem Type: EvDO HSPA Radio Type: None 900 UHF GPS Type: None Internal

Profiles 900 Channels UHF Channels Connections

Active Channel: 1

Channel #	Frequency (MHz)	Width (kHz)	Power (mW)	OTA Protocol	FEC Mode (3AS)
1	464.55000	12.5	1000	9600 GMSK	OFF
2	464.55000	12.5	1000	19200 4FSK	OFF
3	464.55000	12.5	1000	Satel 3AS	ON
4	464.55000	12.5	1000	Trintalk	OFF
5	464.55000	12.5	1000	9600 GMSK	OFF
6	464.55000	12.5	1000	9600 GMSK	OFF
7	464.55000	12.5	1000	9600 GMSK	OFF
8	464.55000	12.5	1000	9600 GMSK	OFF

Does it matter what the transmit power is?

The rules are the same regardless of transmit power. There is erroneous information circulating that lower transmit powers are not subject to narrowbanding regulation.

Does Narrowbanding require me to change frequencies or obtain new channels?

No. Narrowbanding does not require moving to another frequency band or different channels. Licensees stay on the same channel center(s), but reduce the bandwidth of the channel(s) currently used, from 25 kHz to 12.5 kHz and change the emission designator on the license. Alternatively, licensees stay on the same 25 kHz channel but implement a 12.5 kHz equivalent technology on that channel.

If I currently have a license for a 25 kHz channel, will I automatically be entitled to license two 12.5 kHz channels?

No. Your 12.5 kHz channel will remain on the same 25 kHz channel center. Your current 25 kHz channel will not be split into two 12.5 kHz channels. You will need to justify and apply for any additional 12.5 kHz channels to the FCC through a certified frequency coordinator.

Will my license still be valid?

Your license will still be valid but you will need to apply and pay for an amendment to your license.

Do we have to convert to digital when we convert to narrowband operation?

There is no digital requirement when you migrate to narrowband.

More narrowband questions? Contact Intuicom at (303) 449-4330 ext. 223 or narrowband@intuicom.com.