Applicant's self-declaration concerning DECT wideband system

Federal Communications Commission

Re: application for **FCC ID**: BCE-9400HS   and BCE-9400BS

With reference to KDB publication number 377704, GN Netcom hereby declare that the product

> Jabra PRO 9400 series DECT base station & headset

meet the criteria as set out in the FCC answer of the publication 377704:

Question:
Can a DECT CAT-iq system that defines five frequency bands divided into 12 time slots for each band, for a total of 60 duplex time/frequency windows, apply the provisions of Section 15.323 (c) (5) if a connection uses an access channel with one or two time windows? For the case when two time/frequency windows are used the system would still monitor 60 time/frequency windows.

Answer:
A DECT CAT-iq system that has 60 duplex time and spectrum windows and complies with the provisions of Section 15.323 (c) (5) may allow an access channel to use one or two time and spectrum windows under the following conditions:

FCC ANSWER:		SELF DECLARATION:
The system must be capable of defining a minimum of 40 duplex access channels.	Complies	Jabra PRO 9400 defines 56 access channels but monitors 60
Multiple time windows on the same frequency (with or without gaps between them) are permitted for a connection only if the monitored equivalent power levels of the multiple time windows determined for the emission bandwidth are the lowest power levels below a monitoring threshold of 50 dB above the thermal noise power.	Complies	Jabra PRO 9400 monitors the windows and select first windows below a monitoring threshold of 30dB above thermal noise power. If no windows are available below the 30dB threshold the 50dB threshold is used
Time/frequency windows that are dedicated to a connection that always uses multiple time/frequency windows are counted as one channel.* For example, a device that uses 40 duplex time/frequency windows and can define 40 duplex channels meets the 40 channel requirement. It is permissible to use multiple time windows on the same frequency with or without gaps between them, for a connection; However, if 12 of the 40 time/frequency	Complies	Jabra PRO 9400 uses 1 or 2 duplex channels. Each channel can be 1 or 2 time windows.The defined channel number is consequently 56 (5 frequencies with each 12 time windows minus 2 channels with each 2 windows)

windows are dedicated to two time/frequency windows per connection, then the 12 time/frequency windows can only define 6 channels and the device is considered to only monitor 34 channels.		
A DECT CAT-iq long-slot may be regarded as two time windows on the same frequency bonded together without any gap. In addition, the device must have monitored all access channels defined for its system within the last 10 seconds and must verify, within the 20 milliseconds (40 milliseconds for devices designed to use a 20 milliseconds frame period) immediately preceding actual channel, access that the detected power of the selected time and spectrum windows is no higher than the previously detected value.	Complies	Jabra PRO 9400 supports a 10ms frame period and monitors the spectrum as defined above
The power measurement resolution for this comparison must be accurate to within 6 dB.	Complies	The chipsets used in Jabra PRO 9400 meets this accuracy
No device or group of cooperating devices located within one meter of each other shall during any frame period occupy more than 6 MHz of aggregate bandwidth; or alternatively, more than one third of the time and spectrum windows defined by the system.	Complies	Jabra PRO 9400 uses maximum 4/60 of the spectrum

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