

December 19, 2012

Equipment Authorisation Division  
Federal Communications Commission  
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Columbia, MD 21046  
USA

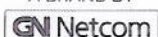
## Questions and answers regarding:

### Jabra Handset 450

FCC ID: BCE-WHB004HS & BCE-WHB004BS

1. The RF exposure exhibit states that the device transmits maximum one slot per 10 ms DECT frame. However, the cover letter (file size 28367) states that a maximum of 2 slots would be used. Please clarify.  
**Response: Our maximum use is one extended full slot (also called long-slot). This is the case if the system is set for wideband speech.**
2. User's manual on Page 6 describes 2-line operation. Please explain the number of uplink (handset to base) slots used in 2 line operations and whether the two lines can conduct call conferencing. If 2 uplink slots are used, the TX duty cycle is twice than that for a single slot case.  
**Response: These are unfortunately a consequence of a poor draft version of the manual. An updated version of user manual was attached and the FCC filing were updated.**
3. Long slot is mentioned in the RF exposure document as well as in the test report. Please clarify whether long slot is achieved through raw (air interface) data rate reduction or slot aggregation or configurable depending on the objective? If through aggregation, what is the maximum number of long slots that can be allocated to a handset?  
**Response: Our maximum use is one extended full slot (also called long-slot). This is the case if the system is set for wideband speech.**  
**Normal/Full slots transmit 480 bits in 417  $\mu$ s windows, while Long slots transmit 776 bits in 674  $\mu$ s windows.**  
**The DECT frame length is 10 ms (11520 bits); this makes the Normal/Full slot duty cycle 1/24 while the Long slot duty cycle is approx. 1/15.**
4. Bluetooth operation is mentioned on Page 11 of the user's manual. However, this filing does not contain a Bluetooth transmitter. Please clarify.  
**Response: This system does not contain any Bluetooth transmitters. These are unfortunately a consequence of a poor draft version of the manual. An updated version of user manual was attached and the FCC filing was updated.**
5. Please explain how compliance with 15.311 (labeling requirements) is achieved:  
**Response: The relocation requirement has been formally removed from 15D. See attached FCC regulation.**

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6. Block diagram shows only one antenna. However, schematics, test report and operational description all indicate 2 antennas and both may be used in transmit diversity. What kind of TX diversity is implemented? If both antennas can be active at the same time, is the total conducted TX power doubled compared to a single antenna case?

**Response: The antenna is selected by a diversity switch. We only use one antenna at a time. The choice is made by the DECT chip based on RX measurements. This is why there is only one antenna in the block diagram overview.**

7. Can multiple registered handsets receive paging signal from the base at the same time? If so, this may be considered a multi-handset system and some of the 15.323 rules apply, even though only one handset can answer the incoming call (or make an outgoing call). Please clarify.

**Response: only one handset can be registered with the base at a time.**

**Ballerup, Denmark**

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(Place)

**2012-12-19**

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(Date)

**Steen Kaiser**

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(Name - print)



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**GN Netcom**