



Jabra Engage 75 and 65 claim verification

1) Summary

FORCE Technology verified the following claim made by Jabra for their newly launched wireless headsets; the Jabra Engage 75 and 65.

The claim was verified through independent measurement.

Product	Claim
Jabra Engage 65 and 75	“Engineered to be the worlds most powerful professional wireless Headset”

The claim is considered to be accurate as of the 4th of April 2018. Details of associated disclaimers are given in section 4.

2) Method

Jabra Engage 75 and 65 were tested against the 3 main competitor products, on 6 different parameters, selected by GN Audio A/S to be valid in terms of verifying the claim stated in section 1.

FORCE Technology performed each of the 6 different measurements, and calculated an overall score, based on an equal weighting of each measurement parameter.

Measurement specifications were provided by GN Audio A/S

Measures, used as base for this claim are:

Measure	Weighting
Maximum battery life on one charge	16,667%
Battery life, after 30minutes recharge from complete discharge	16,667%
Maximum wireless range, in line of sight, free field conditions	16,667%
Wireless density Wideband	16,667%
Wireless density Narrowband	16,667%
Maximum simultaneously connected devices	16,667%

The overall highest scoring product was Jabra Engage 75, second highest was Engage 65. This is considered verification of the accuracy of the claim stated in section 1.

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3) Definitions

Maximum battery life in one charge – the headset is fully charged, following specifications in the user manual. Following this, a call is established to the headset, and kept open+active until the headset shuts off. The total time to discharge is the measurement result. The measurement is performed in narrowband

Battery life, after 30 minute recharge from complete discharge – the headset is completely discharged, then charged for 30 minutes (i.e. as in a lunch break). Following that, the headset is tested as in the “*maximum battery life in one charge*” measurement. The measurement is performed in narrowband

Maximum wireless range, in line of sight, free field conditions – The headset and base are placed in free field conditions (outside, on large flat area) and a call is established. A test-person, wearing the headset, walks away from the base, stopping to count from 1-10, with 1 number spoken pr. second, at regular intervals, until one number drops out of the call. This distance is the measurement result. The measurement is performed in narrowband.

Wireless density Wideband / Narrowband – The headset and base, are set up in a shielded RF measurement room and a call is established. A measurement antenna is connected to a spectrum analyzer, suitable for 1,8GHz use, and a zero span test is performed on either the uplink or downlink slot. This time is the measurement result. The measurement is performed in narrowband and in wideband.

Maximum simultaneously connected devices – The maximum number of possible external device connections is counted. Count includes amount of simultaneous Bluetooth connections.

4) Disclaimers:

*At the time of the product launch (April 3rd 2018) Jabra Engage 65 and 75 were the most powerful professional wireless headsets. Measured externally and against enterprise Dect wireless headsets from three leading competitors. Correct as of 4th of April 2018.

5) Document Authorization

FORCE Technology confirms that on the 4th of April 2018 the claim within this document for Jabra Engage 75 and 65 is correct.

Authorized by FORCE Technology

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