



# Guillemot

Applicant:	<b>Guillemot Corp S.A.</b>
Address:	<b>Place du Granier, B.P 97143, Chantepie, France</b>
Product name :	<b>Bluetooth Speaker</b>
FCC-ID	<b>NAM5063275</b>
Model No.:	<b>Wae Outdoor 04Plus FM</b>
RF report #	<b>60.790.16.111.02</b>

## Radiofrequency radiation exposure evaluation

According to KDB 447498 D01v06 section 4.3.1, For frequencies between 100 MHz to 6GHz and test separation distances  $\leq 50$  mm, the Numeric threshold is determined as:

Step a)

$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR

>> The fundamental frequency of the EUT is 2402-2480MHz,  
the test separation distance is  $\leq 50$ mm.  
(Manufacturer specified the separation distance is: 20mm)

Step a)

>> Numeric threshold (2402MHz),  $\text{mW} / 20\text{mm} \cdot \sqrt{2.402\text{GHz}} \leq 3.0$   
Numeric threshold (2402MHz)  $\leq 38.713\text{mW}$

>> Numeric threshold (2440MHz),  $\text{mW} / 20\text{mm} \cdot \sqrt{2.440\text{GHz}} \leq 3.0$   
Numeric threshold (2440MHz)  $\leq 38.411\text{mW}$

>> Numeric threshold (2480MHz),  $\text{mW} / 20\text{mm} \cdot \sqrt{2.480\text{GHz}} \leq 3.0$   
Numeric threshold (2480MHz)  $\leq 38.100\text{mW}$

FHSS:

>> The power of EUT measured (2402MHz) is:  $-4.16\text{dBm} = 0.383\text{mW}$   
The power of EUT measured (2441MHz) is:  $-1.73\text{dBm} = 0.671\text{mW}$   
The power of EUT measured (2480MHz) is:  $0.92\text{dBm} = 1.236\text{mW}$

BLE:

>> The power of EUT measured (2402MHz) is:  $-3.50\text{dBm} = 0.447\text{mW}$   
The power of EUT measured (2440MHz) is:  $-1.26\text{dBm} = 0.748\text{mW}$   
The power of EUT measured (2480MHz) is:  $1.34\text{dBm} = 1.361\text{mW}$   
Which is smaller than the Numeric threshold.

Therefore, the device is exempt from stand-alone SAR test requirements.

Reviewed by:

**GUILLEMOT CORPORATION S.A.**

(Authorized signature and Company chop)  
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