



Guillemot

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

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 50mm.
(Manufacturer specified the separation distance is: 20mm)

Step a)

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

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

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

FHSS:

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

BLE:

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

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

Reviewed by:

GUILLEMET CORPORATION S.A.

(Authorized signature and Company chop)
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Date: 2017-09-09

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Date: 2017-09-09