

Certificate of Conformity regarding the electromagnetic field exposure restrictions

BLE Beacons - ELA Innovation

Family: BLUE PUCK FAMILY, BLUE COIN FAMILY, BLUE LITE FAMILY, BLUE SLIM FAMILY, BLUE ANCRE FAMILY

I undersigned Pierre Bonzom, CEO of ELA Innovation society, certifies that the above products are compliant with the European directive 1999/05/CE and the recommendation 1999/519/CE, resumed in the French decree N° 2002-775 of May 3, 2002 and in the French decree N° 2019-1186 of November 15, 2019, which impose electromagnetic field exposure limits emitted by telecommunication network and radioelectric equipment.

July 19, 2023

Pierre Bonzom, CEO



About Electromagnetic field exposure limits (SAR)

Regarding the aforementioned decrees, it is specified that the SAR is required only for a product having an emitted power above 20mW and reasonably predictable to be used at a distance not exceeding 20cm from the head or any other parts of the human body.

The BLE beacons mentioned above have a maximum emitted power of 2.5mW which is 8 times under the specified threshold of 20mW.

	<i>Emitted power</i>	<i>SAR - Head</i>	<i>Authorized SAR Head by the standard</i>
Mobile phone	0.5W to 2W	0.2 to 1.5W/kg	2W/kg
DECT (Cordless phone)	32mW	0.1W/kg	
ELA Innovation Beacons	2.5mW	Not required	