



AT4 wireless, S.A.U.
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RF exposure analysis for the equipment with FCC ID: L2C0069TR

1. Introduction

The device with FCC ID: **L2C0069TR** is designed to be used in **portable** exposure conditions. It contains a 2.4GHz radio which operates in Bluetooth 4.0 (2402-2480 MHz frequency band) and is intended for use within 20 cm of humans.

2. SAR limits

According to § 2.1093 (d) (2) the limits for General Population/Uncontrolled exposure: 0.08 W/kg as averaged over the whole-body and peak spatial-average SAR limit is 1.6 W/kg, averaged over any 1 gram of tissue over the whole body.

3. Compliance criteria:

Individual transmitters are deemed to comply with § 2.1093 requirements if the output power of the transmitter meets the conditions specified in section 4.3.1 (Standalone SAR test exclusion) considerations of the document "KDB 447498 D01 Clause 4.3.1 General RF Exposure Guidance v06".

4. Compliance calculations:

Mode	Sub-mode	Frequency	Peak output power (dBm)	Peak output power (mW)	Evaluation distance per KDB 447498 D01 General RF Exposure Guidance v05r02 - 4.3.1 (mm)	SAR Test Exclusion Thresholds per KDB 447498 D01 General RF Exposure Guidance v05r02 - 4.3.1 - 1) (mW)	SAR Test Exclusion Thresholds per KDB 447498 D01 General RF Exposure Guidance v05r02 - 4.3.1 - 1)
Bluetooth	Transmit - (GFSK)	2402	3,41	2,19	5	10	COMPLIANT
		2441	4,90	3,09	5	10	COMPLIANT
		2480	5,26	3,36	5	10	COMPLIANT
Bluetooth	Transmit - ($\pi/4$ -DQPSK)	2402	1,10	1,29	5	10	COMPLIANT
		2441	2,82	1,91	5	10	COMPLIANT
		2480	3,27	2,12	5	10	COMPLIANT
Bluetooth	Transmit - (8-DPSK)	2402	1,36	1,37	5	10	COMPLIANT
		2441	3,18	2,08	5	10	COMPLIANT
		2480	3,58	2,28	5	10	COMPLIANT

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The computed values meet the requirements in section 4.3.1 (Standalone SAR test exclusion) considerations of the regulation "KDB 447498 D01 Clause 4.3.1 General RF Exposure Guidance v06".

Sincerely,



P.A.

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