

DECLARATION OF CONFORMITY

The declaration of conformity is issued under the sole responsibility of the manufacturer:

PRODUCT TYPE: BICYCLE HEAD UNIT

DEVICE TYPE	MODEL NUMBER	RADIO SPECIFICATIONS		
		Technology	Frequency band	Maximum power (+/- 0.5 dB)
BICYCLE HEAD UNIT	12300	IEEE 802.15.4	2405-2475 MHZ	9.03 dBm e.i.r.p.
		BLUETOOTH	2402-2480 MHZ	9.32 dBm e.i.r.p.
		BLE	2402-2480 MHz	8.86 dBm e.i.r.p.
		ANT+	2457 MHZ	7.30 dBm e.i.r.p.
		2.4GHz WIFI	2412-2472 MHZ	17.75 dBm (802.11b)
				18.86 dBm (802.11g)
				17.67 dBm (802.11n20)
				17.30 dBm (802.11n40)
		5.2GHz/5.3GHz WIFI	5180-5320 MHZ	17.11 dBm (802.11a)
				16.90 dBm (802.11n20)
				16.90 dBm (802.11n40)
				14.95 dBm (802.11ac80)
		5.6GHz WIFI	5500-5690 MHZ	17.71 dBm (802.11a)
				16.65 dBm (802.11n20)
				17.20 dBm (802.11n40)
				17.29 dBm (802.11AC80)
		5.8GHz WIFI	5745-5825 MHZ	13.85 dBm (802.11a)
				13.88 dBm (802.11n20)
				13.86 dBm (802.11n40)
				13.81 dBm (802.11ac80)
		GPS	1559-1610 MHZ	

WORLD HEADQUARTERS
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DECLARATION OF CONFORMITY

SRAM LLC hereby declares that the products listed above are in conformity with the essential requirements and other relevant requirements of the RE Directive (2014/53/EU) and RoHS (2011/65/EU). This Declaration of Conformance is issued in accordance with Annex III, Module B of Directive 2014/53/EU to address RE-Directive Article 3.2, 3.1a and 3.1b.

DIRECTIVE	HARMONIZED STANDARD / DESCRIPTION
HEALTH AND SAFETY (art 3.1.a)	EN 62368-1:2014 / A11:2017 Audio/video, information and communication technology equipment. Safety requirements
	BS EN 62368-1:2014 / A11:2017 Audio/video, information and communication technology equipment, Safety Requirements
	EN 50360:2017 Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear
	BS EN 50360:2017 Product standard to demonstrate the compliance of wireless communication devices, with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 300 MHz to 6 GHz: devices used next to the ear
	EN 50566: 2017 Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body
EMC (art 3.1.b)	BS EN 50566: 2017 Product standard to demonstrate the compliance of wireless communication devices with the basic restrictions and exposure limit values related to human exposure to electromagnetic fields in the frequency range from 30 MHz to 6 GHz: hand-held and body mounted devices in close proximity to the human body
	EN 55032:2015 / A11:2020 Electromagnetic compatibility of multimedia equipment - Emission requirements
	EN 55035:2017 / A11:2020 Electromagnetic compatibility of multimedia equipment - Immunity requirements
	EN 301 489-1 V2.2.3 (2019-11) Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements
	EN 301 489-17 V3.2.4 (2020-09) Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission systems
RADIO SPECTRUM (art 3.2)	EN 301 489-19 V2.1.1 (2019-04) Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 19: Specific conditions for Receive Only Mobile Earth Stations (ROMES) operating in the 1,5 GHz band providing data communications and GNSS receivers operating in the RNSS band (ROGNSS) providing positioning, navigation, and timing data
	EN 301 489-52 V1.1.0 (2016-11) Electromagnetic compatibility and Radio spectrum Matters (ERM); Electro Magnetic Compatibility (EMC) standard for radio equipment and services; Part 52: Specific conditions for Cellular Communication Mobile and portable (UE) radio and ancillary equipment
	EN 300 328 V2.2.2 (2019-07) Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz band; Harmonised Standard for access to radio spectrum
	EN 300 440 V2.2.1 (2018-07) Short Range Devices (SRD); Radio equipment to be used in the 1 GHz to 40 GHz frequency range; Harmonised Standard for access to radio spectrum
	EN 303 413 V1.1.1 (2017-06) Satellite Earth Stations and Systems (SES); Global Navigation Satellite System (GNSS) receivers; Radio equipment operating in the 1 164 MHz to 1 300 MHz and 1 559 MHz to 1 610 MHz frequency bands
EQUIPMENT CLASS	EN 301 893 V2.1.1 (2017-05) 5 GHz RLAN; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU
RoHS	CLASS 1 - radio equipment that can be operated without any restriction in EU, EEA and EFTA in accordance with Article 8(1)b of the RE Directive
	IEC 62321-3-1 Part 3-1: Screening - Lead, mercury, cadmium, total chromium and total bromine using X-ray fluorescence spectrometry

SIGNATORY:



LEO YERMAKOV
Regulatory Compliance Director

SIGNATORY'S ADDRESS

SRAM Headquarters

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DATE: 2024-03-27

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