



## CTC Laboratories, Inc.

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### RF Exposure Evaluation

FCC ID: 2A3QHA11SPRO

According to KDB447498 D01 General RF Exposure Guidance v06, Clause 4.3.1(a)

#### EUT Specification

EUT	Bluetooth headset
Model/Type reference:	A11S Pro
Listed Model(s):	A7S, A7S Pro, A9S, A9S Pro, A9S ProMax, A11S, A11S Pro, A11S ProMax, A12S, A12S Pro, A12S ProMax, A13S, A13S Pro, A13S ProMax, A15S, A15S Pro, A15S ProMax, A16S, A16S Pro, A16S ProMax, A17S, A17S Pro, A17S ProMax, A18S, A18S Pro, A18S ProMax, A19S, A19S Pro, A19S ProMax, A20S, A20S Pro, A20S ProMax, A21S, A21S Pro, A21S ProMax, A22S, A22S Pro, A22S ProMax, A23S, A23S Pro, A23S ProMax, A25S, A25S Pro, A25S ProMax
Frequency band (Operating)	<input checked="" type="checkbox"/> BT: 2.402GHz ~ 2.480GHz <input checked="" type="checkbox"/> BLE: 2.402GHz ~ 2.480GHz <input type="checkbox"/> WLAN: 2.412GHz ~ 2.462GHz <input type="checkbox"/> Others
Device category	<input checked="" type="checkbox"/> Portable (<5mm separation) <input type="checkbox"/> Mobile (>20cm separation) <input type="checkbox"/> fixed (>20cm separation) <input type="checkbox"/> Others
Antenna diversity	<input checked="" type="checkbox"/> Single antenna <input type="checkbox"/> Multiple antennas <input type="checkbox"/> Tx diversity <input type="checkbox"/> Rx diversity <input type="checkbox"/> Tx/Rx diversity
Antenna gain (Max)	0dBi

#### Limit

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

Where

- $f_{\text{(GHz)}}$  is the RF channel transmit frequency in GHz

-Power and distance are rounded to the nearest mW and mm before calculation

-The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm, and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm according to 4.1 f) is applied to determine SAR test exclusion.

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For anti-fake verification, please visit the official website of Certification and Accreditation Administration of the People's Republic of China : <http://yz.cnca.cn>

**Measurement Result**

Mode	Channel Frequency (MHz)	Max. Measured Power (dBm)	Max. Tune up Power (dBm)	Result	Limit
GFSK (BLE)	2440	-1.66	-1.00	0.2482	3.0
$\pi/4$ -DQPSK (EDR)	2441	0.72	1.00	0.3934	3.0

Note:

1. Calculate by Worst-case mode.
2. Max. Tune Up Power by Manufacturer's Declaration, and Max. Tune Up Power is used to calculate.
3. For a more detailed features description, please refer to the RF Test Report.

\*\*\*\*\*THE END\*\*\*\*\*