



FCC ID: 2ACK6STRMBAR

**Statement of compliance to
Maximum Permissible Exposure (MPE)
No. 160500368SHA-002**

Applicant : CABASSE SA

210, RUE RENE DESCARTES-BP 10, 29280,
PLOUZANE, France

Manufacturer : Hansong(Nanjing) Technology Ltd

8th Kangping Road, Jiangning Economy&Technology
Development Zone, Nanjing, 211106, China

Product Name : Network active audio speaker

Type/Model : STREAM BAR

According to §2.1091, §2.1093 and §1.1307(b), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

Date of issue: August 16, 2016

Prepared by:

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Reviewed by:

Daniel Zhao (*Reviewer*)

Power density (S) is calculated according to the formula:

$$S = PG / (4\pi R^2)$$

Where S = power density in mW/cm²

P = transmit power in mW

G = numeric gain of transmit antenna (numeric gain=Log-1(dB antenna gain/10))

R = distance (cm)

The calculations in the table below use the highest gain of antenna for client EUT. These calculations represent worst case in terms of the exposure levels.

Frequency band	Power		Antenna Gain		R	S	Limits
(MHz)	dBm	mW	dBi	(Numeric)	(cm)	(mW/cm2)	(mW/cm2)
2402 – 2480 (BT)	8.78	7.55	2.9	1.95	20	0.003	1
2412 – 2462 (WIFI)	25.23	333.43	2.9	1.95	20	0.129	1
2412 ~ 2464 (Wireless Module)	19.49	88.92	2.9	1.95	20	0.035	1
5180 ~ 5240 (Wireless Module)	7.44	5.55	2.7	1.86	20	0.002	1
5736 ~ 5814 (Wireless Module)	16.84	48.31	2.7	1.86	20	0.018	1

Note: 1 mW/cm² from 1.310 Table 1.

The WIFI information please refer the FCC ID: PPQ-AWOXMII2, Wireless Module FCC ID: XCO-HSDWAM83.

For the device consider simultaneous transmission of WIFI, BT and Wireless module,

The worst MPE = 0.003 + 0.129 + 0.035 = 0.167 mW/cm² < 1 mW/cm².



Appendix I

Definition below must be outlined in the User Manual:

To satisfy FCC RF exposure requirements, a separation distance of **20** cm or more should be maintained between the antenna of this device and persons during device operation.
To ensure compliance, operations at closer than this distance is not recommended.