

RF Exposure

Applicant : Klipsch Group, Inc.
Address : 3502Woodview Trace,Suite 200,Indianapolis,IN
46268,USA
Product Name : Multi-Source Tabletop Speaker
Brand Mark : Klipsch
Model : The One IV
Series model : N/A
Report Number : BLA-EMC-202604-A1504
FCC ID : STI-ONEPLUS2
Date of Receipt : Apr. 03,2026
Date of Test : Apr. 03,2026 to May 25,2026
47 CFR Part 15, Part1.1307
Test Standard : 47 CFR Part 15, Part2.1091
KDB447498D04 General RF Exposure Guidance v01
Test Result : Pass

Compiled by:

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Review by:

Xavier

Approved by:

Blue Zheng

Issued Date:

May 25,2026



BlueAsia Technical Services (Shenzhen) Co., Ltd

Address: No.41, South of Beihuan Road, Shangwu Community, Shiyan
Subdistrict,Bao'an District, Shenzhen, Guangdong, China



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Revise Record

Version No.	Date	Description
01	May 07,2026	Original

1 General information

1.1 General information

Applicant	Klipsch Group, Inc.
Address	3502Woodview Trace,Suite 200,Indianapolis,IN 46268,USA
Manufacturer	Klipsch Group, Inc.
Address	3502Woodview Trace,Suite 200,Indianapolis,IN 46268,USA
Factory	Oxtop(Dongguan) Electronics Co., Ltd.
Address	No.1, Chashan Wei-Xing Road, Chashan Town,Dongguan City, Guangdong Province

1.2 General description of EUT

Product name	Multi-Source Tabletop Speaker
Model no.	The One IV
Series model	N/A
Differences of Series model	N/A
Power supply or adapter information	Input: 100-240V~50/60Hz 60W
Hardware version	N/A
Software version	N/A
Engineer sample no.	BLA-EMC-202604-A15

Note: For a more detailed description, please refer to Specification or User's Manual supplied by the applicant and/or manufacturer.

For BT

Operation Frequency	2402MHz-2480MHz
Modulation Type	GFSK, π /4DQPSK,8DPSK
Channel Spacing	1MHz
Number of Channels	79
Antenna Type	FPC antenna
Antenna Gain	2.69dBi (Provided by the applicant)

For BLE

Operation Frequency	2402MHz-2480MHz
Modulation Type	GFSK
Rate data	1Mbps; 2Mbps
Channel Spacing	2MHz
Number of Channels	40
Antenna Type	FPC antenna
Antenna Gain	2.69dBi (Provided by the applicant)

2 Laboratory and accreditations

The test facility is recognized, certified, or accredited by the following organizations:

Company name:	BlueAsia Technical Services (Shenzhen) Co.,Ltd.
Address:	No.41, South of Beihuan Road, Shangwu Community, Shiyan Subdistrict, Bao'an District, Shenzhen, Guangdong, China
CNAS accredited No.:	L9788
A2LA Cert. No.:	5071.01
FCC Designation No.:	CN1252
Test Firm Registration Number:	923526
ISED CAB identifier No.:	CN0028
Company Number:	24243
Telephone:	+86-755-28682673
FAX:	+86-755-28682673

3 RF Exposure Compliance Requirement

3.1 Standard Requirement

According to 447498 D04 Interim General RF Exposure Guidance v01

Standalone SAR test exclusion considerations

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

3.2 Limits

$$P_{th} \text{ (mW)} = ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases} \quad (\text{B. 1})$$

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}} (d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases} \quad (\text{B. 2})$$

where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right)$$

and f is in GHz, d is the separation distance (cm), and $ERP_{20 \text{ cm}}$ is per Formula (B.1).

Example values shown in Table B.2 are for illustration only.

Table B.2—Example Power Thresholds (mW)

Frequency (MHz)	Distance (mm)									
	5	10	15	20	25	30	35	40	45	50
300	39	65	88	110	129	148	166	184	201	217
450	22	44	67	89	112	135	158	180	203	226
835	9	25	44	66	90	116	145	175	207	240
1900	3	12	26	44	66	92	122	157	195	236
2450	3	10	22	38	59	83	111	143	179	219
3600	2	8	18	32	49	71	96	125	158	195
5800	1	6	14	25	40	58	80	106	136	169

3.3 Result

Calculated Result and Limit (WORSE CASE IS AS BELOW)

Mode	Frequency (MHz)	Max Output power(dBm)	Max Output power(mW)	Ant gain (dBi)	Evaluation ERP(dBm)	Evaluation ERP(mW)	Distance (cm)	Limit of Pth(mW)	Result
3-DH1	2402	-0.827	0.83	2.69	-0.287	0.94	20	3060.00	Pass
BLE 1M	2402	0.775	1.20	2.69	1.315	1.35	20	3060.00	Pass

ERP=Max Output power+Ant gain-2.15

Comply with RF exposure exemption limit.

----END OF REPORT----

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