

Report No.: TBR-C-202206-0362-31

Page: 1 of 3

RF Exposure Evaluation

FCC ID: 2A7ZM-G2MICROPHONE

1. Client Information

Applicant	:	JBU GLOBAL LLC
Address	1	19416 NE 26th Ave, 114B, Miami, Florida 33180
Manufacturer	:	NINGBO SUNNUO INTERNATIONAL TRADE CO., LTD
Address	T.	No. 23, Jinshan Road, Taoyuan Street NINGBO Zhejiang Province 315600, China.

2. General Description of EUT

:	Presto G2 Microphone					
:	Presto G2 Microphone, Spinto G3 Microphone, Soprano X1 Microphone					
	All these models are identical in the same PCB, layout and electricuit, the only difference is appearance.					
	Operation Frequency:	490.5MHz				
	Number of Channel:	1 Channels 0.5dBi PCB Antenna				
).	Antenna Gain:					
	Modulation Type:	FM				
	USB Input: DC 5V, 1A DC 3.7V 1200mAh by Li-ion Battery					
:	ZH2074C-V1.7					
:	310TX-V5.0					
	Please refer to the User's Manual					
		: Presto G2 Microphone, Microphone : All these models are ide circuit, the only difference Operation Frequency: Number of Channel: : Antenna Gain: Modulation Type: : USB Input: DC 5V, 1A DC 3.7V 1200mAh by LC ZH2074C-V1.7 : 310TX-V5.0				

Remark: The antenna gain provided by the applicant, the adapter and verified for the RF conduction test and adapter provided by TOBY test lab.

Note: More test information about the EUT please refer the RF Test Report.

TB-RF-074-1. 0



Page: 2 of 3

The RF Exposure Evaluation for FCC:

SAR Test Exclusion Calculations

FCC: According to 447498 D04 Interim General RF Exposure Guidance v01.

The SAR-based exemption formula of § 1.1307(b)(3)(i)(B), repeated here as Formula (B.2), applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power or effective radiated power (ERP), whichever is greater, of less than or equal to the threshold Pth (mW).

This method shall only be used at separation distances from 0.5 cm to 40 cm and at frequencies from 0.3 GHz to 6 GHz (inclusive). Pth is given by Formula (B.2).

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

where

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

and f is in GHz, d is the separation distance (cm), and ERP $_{20cm}$ is per Formula (B.1). The example values shown in Table B.2 are for illustration only.

Table B.2—Example Power Thresholds (mW)

	SA TOP	ı uı	OIC D.Z	LAU	pic	. 57761	THICS	ioias į	,	10.7-10	1.18
	Distance (mm)										
		5	10	15	20	25	30	35	40	45	50
(z)	300	39	65	88	110	129	148	166	184	201	217
(MHz)	450	22	44	67	89	112	135	158	180	203	226
	835	9	25	44	66	90	116	145	175	207	240
enc	1900	3	12	26	44	66	92	122	157	195	236
Frequency	2450	3	10	_ 22	38	59	83	111	143	179	219
Fr	3600	2	8	18	32	49	71	96	125	158	195
	5800	1	6	14	25	40	58	80	106	136	169



Report No.: TBR-C-202206-0362-31

Page: 3 of 3

1. Calculation:

Max power of tune up tolerance	Max power of tune up	Limit
(dBm)	tolerance (mW)	P _{th} (mW)
-33.0	0.000001	3
9	(dBm) -33.0	(dBm) (mW)

The measurement results comply with the FCC Limit per 47 CFR 2.1093 for the uncontrolled RF Exposure and SAR Exclusion Threshold per KDB 447498 D04, No SAR is required.

Conclusion:

The measurement results comply with the FCC Limit per 47 CFR 2.1093 for the uncontrolled RF Exposure and SAR Exclusion Threshold per KDB 447498 v06.

----END OF REPORT----