FCC RF EXPOSURE REPORT

Report No.: DEFJ2111017

Applicant Pablo Inc.

888 Marin Street, San Francisco, California, United Address

States, 94124

Equipment Bluetooth Speaker

Model No. UMA

: Pablo Trade Name

FCC ID. 2AGV2UMAV2

I HEREBY CERTIFY THAT:

The sample was received on Jan. 11, 2022 and the testing was completed on Jan. 21, 2022 at Cerpass Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of Cerpass Technology Corp., the test report shall not be reproduced except in full.

Approved by:

Cerpass Technology Corp. Issued date : Jan. 24, 2022

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Device category	Portable (<20cm separation)					
Device category						
Exposure classification	☐ Occupational/Controlled exposure (S = 5mW/cm²)					
	General Population/Uncontrolled exposure					
	(S=1mW/cm ²)					
Antenna diversity	Single antenna					
	☐ Multiple antennas					
	☐ Tx diversity					
	Rx diversity					
	☐ Tx/Rx diversity					
Evaluation applied	☐ SAR Evaluation					
	□ N/A					

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TEST RESULTS

No non-compliance noted.

Calculation

Given

$$E = \frac{\sqrt{30 \times P \times G}}{d} \quad \& \quad S = \frac{E^2}{3770}$$

Where E = Field strength in Volts / meter

P = Power in Watts

G = *Numeric* antenna gain

d = Distance in meters

S = Power density in milliwatts / square centimeter

Combining equations and re-arranging the terms to express the distance as a function of the remaining variables yields:

$$S = \frac{30 \times P \times G}{3770d^2}$$

Changing to units of mW and cm, using:

$$P(mW) = P(W) / 1000$$
 and $d(cm) = d(m) / 100$

Yields

$$S = \frac{30 \times (P/1000) \times G}{3770 \times (d/100)^2} = 0.0796 \times \frac{P \times G}{d^2}$$
 Equation 1

Where d = Distance in cm

P = Power in mW

G = Numeric antenna gain

 $S = Power density in mW / cm^2$

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Maximum Permissible Exposure

Test Mode	Frequency band (MHz)	Measured power(dBm)	Max.TuneupP ower(dBm)	Peak output power(mW)	Antenna gain (Numeric)	Distance (cm)	Power density (mW/cm2)	Limit (mW/cm2)
Bluetooth EDR	2402-2480	5.82	6.82	4.808	1.00	20	0.00095687	1
BLE	2402-2480	3.51	4.51	2.825	1.00	20	0.000562151	1

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Conclusion

The measurement results comply with the FCC Limit per 47 CFR 2.1091 for the uncontrolled	RF
Exposure of mobile device.	

----- End of the report ------

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