

RF Exposure Report

Report No.: SABGQZ-WTW-P21031060

FCC ID: M72-EDGEE220

Test Model: POLY EDGE E220

Received Date: Mar. 30, 2021

Test Date: Sep. 22 ~ Sep. 29, 2021

Issued Date: Mar. 01, 2022

Applicant: Polycom Inc.

Address: 6001 America Center Drive, San Jose, California 95002, United States

Issued By: Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch

Lin Kou Laboratories

Lab Address: No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan

Test Location (1): No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City

33383, TAIWAN

FCC Registration / 788550 / TW0003

Designation Number:

Test Location (2): No. 70, Wenming Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

FCC Registration / 281270 / TW0032

Designation Number:





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Release Control Record

Issue No.	Description	Date Issued
SABGQZ-WTW-P21031060	Original release	Mar. 01, 2022



1 Certificate of Conformity

Product: IP Phone

Brand: POLY

Test Model: POLY EDGE E220

Sample Status: Engineering sample

Applicant: Polycom Inc.

Test Date: Sep. 22 ~ Sep. 29, 2021

Standards: FCC Part 2 (Section 2.1091)

References Test KDB 447498 D01 General RF Exposure Guidance v06

Guidance:

The above equipment has been tested by **Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch**, and found compliance with the requirement of the above standards. The test record, data evaluation & Equipment Under Test (EUT) configurations represented herein are true and accurate accounts of the measurements of the sample's RF characteristics under the conditions specified in this report.

Prepared by: _______, Date: _______, Mar. 01, 2022

Celine Chou / Senior Specialist

Approved by: ______, **Date:** Mar. 01, 2022

Jeremy Lin / Project Engineer



2 RF Exposure

2.1 Limits for Maximum Permissible Exposure (MPE)

Frequency Range (MHz)	Electric Field Magnetic Field Power Density Strength (V/m) Strength (A/m) (mW/cm²)		Average Time (minutes)					
	Limits For General Population / Uncontrolled Exposure							
300-1500			F/1500	30				
1500-100,000			1.0	30				

F = Frequency in MHz

2.2 MPE Calculation Formula

 $Pd = (Pout*G) / (4*pi*r^2)$

where

Pd = power density in mW/cm²

Pout = output power to antenna in mW

G = gain of antenna in linear scale

pi = 3.1416

r = distance between observation point and center of the radiator in cm

2.3 Classification

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

3 Calculation Result of Maximum Conducted Power

Function	Frequency Band (MHz)	Max AV Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm ²)	Limit (mW/cm²)
Bluetooth LE	2402-2480	1.22	2.48	20	0.0005	1.00
Bluetooth EDR	2402-2480	6.98	2.48	20	0.0018	1.00

Note:

- 1. Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.
- 2. The above Antenna information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

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