# RF Exposure Report

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|---|---|
| **Report No.:** | SA190904C02 |
| **FCC ID:** | M72-CCX6X7X |
| **Test Model:** | CCX 700 |
| **Series Model:** | CCX 600 |
| **Received Date:** | Sep. 04, 2019 |
| **Test Date:** | Sep. 26 ~ Nov. 12, 2019 |
| **Issued Date:** | Nov. 18, 2019 |
| **Applicant:** | Polycom Inc. |
| **Address:** | 6001 America Center Drive, San Jose, CA.95002 USA |
| **Issued By:** | Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch<br>Lin Kou Laboratories |
| **Lab Address:** | No. 47-2, 14th Ling, Chia Pau Vil., Lin Kou Dist., New Taipei City, Taiwan |
| **Test Location:** | No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City 33383, TAIWAN |
| **FCC Registration / Designation Number:** | 788550 / TW0003 |

## Table of Contents

## Release Control Record

| Issue No. | Description | Date Issued |
|---|---|---|
| SA190904C02 | Original release. | Nov. 18, 2019 |

## 1 Certificate of Conformity

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|---|---|
| **Product:** | Poly Executive |
| **Brand:** | Poly |
| **Test Model:** | CCX 700 |
| **Series Model:** | CCX 600 |
| **Sample Status:** | Engineering sample |
| **Applicant:** | Polycom Inc. |
| **Test Date:** | Sep. 26 ~ Nov. 12, 2019 |
| **Standards:** | FCC Part 2 (Section 2.1091) |
| **References Test Guidance:** | KDB 447498 D01 General RF Exposure Guidance v06<br>IEEE C95.3 -2002 |

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 :** Polly Chien / Specialist , **Date:** Nov. 18, 2019

**Approved by :** Bruce Chen / Senior Project Engineer , **Date:** Nov. 18, 2019

## 2 RF Exposure

### 2.1 Limits for Maximum Permissible Exposure (MPE)

| Frequency Range (MHz) | Electric Field Strength (V/m) | Magnetic Field Strength (A/m) | Power Density ($mW/cm^2$) | Average Time (minutes) |
|---|---|---|---|---|
| Limits For General Population / Uncontrolled Exposure | | | | |
| 0.3-1.34 | 614 | 1.63 | (100)* | 30 |
| 1.34-30 | 824/f | 2.19/f | ($180/f^2$)* | 30 |
| 30-300 | 27.5 | 0.073 | 0.2 | 30 |
| 300-1500 | … | … | f/1500 | 30 |
| 1500-100,000 | … | … | 1.0 | 30 |

f = Frequency in MHz; *Plane-wave equivalent power density

### 2.2 MPE Calculation Formula

$Pd = (Pout*G) / (4*pi*r^2)$
where
Pd = power density in $mW/cm^2$
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

| Frequency Band (MHz) | Max Power (dBm) | Antenna Gain (dBi) | Distance (cm) | Power Density ($mW/cm^2$) | Limit ($mW/cm^2$) |
|---|---|---|---|---|---|
| WLAN 2412~2462 | 11.93 | 2.91 | 20 | 0.006 | 1 |
| WLAN 5180~5240 | 13.41 | 1.91 | 20 | 0.007 | 1 |
| WLAN 5260~5320 | 13.13 | 1.91 | 20 | 0.006 | 1 |
| WLAN 5500~5720 | 12.11 | 1.47 | 20 | 0.005 | 1 |
| WLAN 5745~5825 | 11.03 | 0.94 | 20 | 0.003 | 1 |
| BT LE 2402~2480 | 4.92 | 2.91 | 20 | 0.001 | 1 |
| BT EDR 2402~2480 | 8.89 | 2.91 | 20 | 0.003 | 1 |

*The EUT is not capable of simultaneous transmission.

Note: Determining compliance based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

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