

## RF Exposure Report

**Report No.:** MFBDGE-WTW-P22031218

**FCC ID:** EHTPERS1

**Test Model:** 6920w

**Received Date:** Mar. 30, 2022

**Test Date:** May 10 ~ May 20, 2022

**Issued Date:** Jun. 16, 2022

**Applicant:** Mitel Networks Corporation

**Address:** 4000 Innovation Drive Ottawa, Ontario Canada K2K 3K1

**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:** No. 19, Hwa Ya 2nd Rd., Wen Hwa Vil., Kwei Shan Dist., Taoyuan City  
33383, TAIWAN

**FCC Registration /  
Designation Number:** 788550 / TW0003



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## Table of Contents

<b>Release Control Record</b> .....	<b>3</b>
<b>1 Certificate of Conformity</b> .....	<b>4</b>
<b>2 RF Exposure</b> .....	<b>5</b>
2.1 Limits for Maximum Permissible Exposure (MPE).....	5
2.2 MPE Calculation Formula .....	5
2.3 Classification .....	5
<b>3 Calculation Result of Maximum Conducted Power</b> .....	<b>5</b>



### Release Control Record

Issue No.	Description	Date Issued
MFB DGE-WTW-P22031218	Original release.	Jun. 16, 2022

## 1 Certificate of Conformity

**Product:** IP Phone

**Brand:** Mitel

**Test Model:** 6920w

**Sample Status:** Engineering sample

**Applicant:** Mitel Networks Corporation

**Test Date:** May 10 ~ May 20, 2022

**Standards:** FCC Part 2 (Section 2.1091)

**References Test Guidance:** KDB 447498 D01 General RF Exposure Guidance v06

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:** Jun. 16, 2022  
Polly Chien / Specialist

**Approved by :**  , **Date:** Jun. 16, 2022  
Jeremy Lin / Project Engineer

## 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 <sup>2</sup> )	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 <sup>2</sup> )*	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<sup>2</sup>

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. AV Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm <sup>2</sup> )	Limit (mW/cm <sup>2</sup> )
WLAN 2412~2462	19.32	2.32	20	0.029	1
WLAN 5180~5240	16.66	2.63	20	0.017	1
WLAN 5260~5320	16.67	2.85	20	0.018	1
WLAN 5500~5720	12.38	3.55	20	0.008	1
WLAN 5745~5825	12.21	3.72	20	0.008	1
BT EDR 2402~2480	7.33	2.32	20	0.002	1
BT LE 2402~2480	5.42	2.32	20	0.001	1

\*The EUT is not capable of simultaneous transmission.

\*2.4GHz & 5GHz & BT technology cannot transmit at same time.

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

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