RF Exposure Report

Report No.:	MFBIBJ-WTW-P22110693
FCC ID:	HBW-VKP1
Test Model:	VKP1-MYQ MC, VKP1-LM MC, VKP1-RJO MC
Received Date:	2022/12/2
Issued Date:	Mar. 13, 2023
Applicant:	The Chamberlain Group Inc
Address:	300 Windsor Drive Oakbrook, IL 60523
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., Kewi Shan Dist., Taoyuan City 33383, Taiwan
FCC Registration / Designation Number:	788550 / TW0003

Testing Laboratory
2021

Table of Contents

Release Control Record

Issue No.	Description	Date Issued
MFBIBJ-WTW-P22110693	Original release	Mar. 13, 2023

1 Certificate of Conformity

Product:	SMART GARAGE VIDEO KEYPAD
Brand:	myQ
Test Model:	VKP1-MYQ MC, VKP1-LM MC, VKP1-RJO MC
Sample Status:	Engineering sample
Applicant:	The Chamberlain Group Inc
FCC Rule Part:	FCC Part 2 (Section 2.1091)
Standards:	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 : Pettie Chen , **Date:** Mar. 13, 2023

Pettie Chen / Senior Specialist

Approved by : Jeremy Lin , **Date:** Mar. 13, 2023

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^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

Operation Mode	Frequency Band (MHz)	Field Strength (dBuV/m)	Max Power (dBm)	Antenna Gain (dBi)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
Bluetooth	2402-2480	N/A	8.21	2.69	20	0.002	1.00
WLAN 2.4 GHz	2412-2462	N/A	21.26	2.69	20	0.049	1.00
WLAN 5 GHz	5180-5240	N/A	17.33	5.46	20	0.038	1.00
WLAN 5 GHz	5745-5825	N/A	21.76	5.35	20	0.102	1.00

Operation Mode	Frequency Band (MHz)	Field Strength (dBuV/m)	Max EIRP (dBm)	Distance (cm)	Power Density (mW/cm^2)	Limit (mW/cm^2)
Sub-GHz	315-390	88.8	-6.43 (Note 3)	20	0.000045	0.202

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
3. Power = Field Strength of Fundamental (dBuV/m) - 95.23 (dB)

---END---