Test Report Number:	**LCZE25080052**	***Total Page(s):2***
Applicant Name:	VIVOHOME INC.	
Applicant Address:	3350 SHELBY ST STE 200 ONTARIO CA 91764 US	
Product Name:	Ventilator remote control	
Model / Type Reference:	VH1759, VH1760, VH1761, VH1759-1, VH1760-1, VH1761-1, VH1759-2, VH1760-2, VH1761-2	
FCC ID:	2BPGB-VH1759	
Date of Issue:	2025-09-02	
Testing Laboratory:	LCTECH Guangdong Testing Services Co., Ltd. 1/F., Building I, Technology and Enterprise Development Center, Guangyuan Road, Xiaolan, Zhongshan, Guangdong, China	
Test Specification:	KDB 447498 D04 General RF Exposure Guidance v01	
Test Result:	Passed	

Compiled by:			**Reviewed by:**		
2025-09-02	Rex He	Rex He	2025-09-02	Tension Li	Tension Li
Date	*Name*	*Signature*	*Date*	*Name*	*Signature*

Remark:

N/A

RF Exposure Evaluation

According to 447498 D04 Interim General RF Exposure Guidance v01

$$P_{\text{th}}\,(\text{mW}) = ERP_{20\,\text{cm}}\,(\text{mW}) = \begin{cases} 2040f & 0.3\ \text{GHz} \le f < 1.5\ \text{GHz} \\ 3060 & 1.5\ \text{GHz} \le f \le 6\ \text{GHz} \end{cases} \quad \text{(B. 1)}$$

$$P_{\text{th}}\,(\text{mW}) = \begin{cases} ERP_{20\,\text{cm}}(d/20\ \text{cm})^{x} & d \le 20\ \text{cm} \\ ERP_{20\,\text{cm}} & 20\ \text{cm} < d \le 40\ \text{cm} \end{cases} \quad \text{(B. 2)}$$

where

$$x = -\log_{10}\left(\frac{60}{ERP_{20\,\text{cm}}\sqrt{f}}\right)$$

and f is in GHz, d is the separation distance (cm), and $ERP_{20\text{cm}}$ is per Formula (B.1).
The example values shown in Table B.2 are for illustration only.

Table B.2—Example Power Thresholds (mW)

Frequency (MHz)	Distance (mm)										
	5	10	15	20	25	30	35	40	45	50
300	39	65	88	110	129	148	166	184	201	217
450	22	44	67	89	112	135	158	180	203	226
835	9	25	44	66	90	116	145	175	207	240
1900	3	12	26	44	66	92	122	157	195	236
2450	3	10	22	38	59	83	111	143	179	219
3600	2	8	18	32	49	71	96	125	158	195
5800	1	6	14	25	40	58	80	106	136	169

eirp = pt x gt = $(EXd)^2/30$
where: pt = transmitter output power in watts,
gt = numeric gain of the transmitting antenna (unitless),
E = electric field strength in V/m, --- $10^{((\text{dBuV/m})/20)}/10^6$
d = measurement distance in meters (m)---3m Sopt = $(EXd)^2/30$ x gt

§1.1307(b)(3)(i) For single RF sources (i.e., any single fixed RF source, mobile device, or portable device, as defined in paragraph (b)(2) of this section): A single RF source is exempt if: (A) The available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(ii)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(ii)(A).

Frequency(MHz)	Field Strength (dBuv/m)	antenna gain(dBi)	numeric gain	eirp(mW)	limit (mW)	min. distance (cm)
433.92	90.80	0	1	0.36	1	0.50

0.36mW < 1mW

Then SAR evaluation is not required