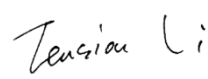


Test Report Number:	LCZE26080092	Total Page(s):2
Applicant Name:	Zhongyuan Technology (Thailand) Co.,Ltd.	
Applicant Address:	7/554 Moo.6 T.Mapyangporn A.Pluakdeang, Rayong, Thailand	
Product Name:	Remote Controller	
Model / Type Reference:	SL-R007	
FCC ID:	2BYAB-SL-R007	
Date of Issue:	2026-09-16	
Testing 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:	
2026-09-16 Rex He 	2026-09-16 Tension Li 	
<i>Date Name Signature</i>	<i>Date Name Signature</i>	
Remark:		
N/A		
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RF Exposure Evaluation

According to 447498 D04 Interim General RF Exposure Guidance v01

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

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

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

$$\text{eirp} = \text{pt} \times \text{gt} = (\text{EXd})^2 / 30$$

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 $\text{Sopt} = (\text{EXd})^2 / 30 \times \text{gt}$

Limit(mW): X=433.92MHz,X1=300MHz,X2=450MHz,Y1=300MHz,Y2=450MHz

$$y = y_1 + (y_2 - y_1) \times \frac{x - x_1}{x_2 - x_1}$$

$$Y = 39 + (22 - 39) \times 0.8928 = 39 - 15.1776 = 23.8224 \approx 23.8 \text{ mW}$$

§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	58.68	1.2	1.318	0.0002213	23.8	0.50

$$0.0002213\text{mW} < 23.8\text{mW}$$

Then SAR evaluation is not required