

# FCC RF Exposure

Product Name: Puck Pro

FCCID: 2AYQN-LR2

Model(s): LR2, LR3, LR4, LR5, LR6, LR7, LR8, LR9, LR10, LR11, LR12, LR13, LR14, LR15, LR16, LR17, LR18, LR19, LR20

## 1. Limits

According to KDB 447498 D01 General RF Exposure Guidance v06 The 1 - g and 10 - g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:  
[(max power of channel, including tune - up tolerance, mW)/(min. test separation distance, mm)]  $\cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1 - g SAR and  $\leq 7.5$  for 10 - g extremity SAR,

Where:

$$\text{Result} = P/D \cdot \sqrt{F}$$

F= the RF channel transmit frequency in GHz

P=Maximum turn - up power in mw

D=Min. test separation distance in mm

## 2. Test Result of RF Exposure Evaluation

2405MHz:

$$\text{EIRP(dBm)} = 94.03 \text{ (dBuV/m)} - 95.2 = -1.17 \text{ (dBm)}$$

Frequency (MHz)	Output power (dBm)	Tune Up Power (dBm)	Max Tune Up power dBm/mW	Min test separation distance mm	Result	Limit (mW/cm <sup>2</sup> )	SAR Test Exclusion
2420	-1.17	-1 ± 1	0/1.00	5	0.313	3.0	Pass

Note:  
PK Output power= conducted power.  
Conducted power see the test report **HK2309204360-E**, antenna gain=-0.58dBi

Per KDB 447498 D01, when the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine RF Exposure test exclusion. The test exclusion threshold is 0.313 which is  $\leq 3$ , RF Exposure testing is not required.

Note: Exclusion Thresholds Results=[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]  $\cdot [\sqrt{f(\text{GHz})}]$

$f(\text{GHz})$  is the RF channel transmit frequency in GHz

Distance=5mm