

# FCC RF Exposure Report

## FCC ID: 2AJZR-T605C11

**Project No.** : 1803057  
**Equipment** : Premium Docking Station  
**Test Model** : iSAPPOS 9C+  
**Series Model** : iSAPPOS 12C+  
**Applicant** : iSAPPOS Systems Company Limited  
**Address** : Room 01,6/F.,Block A,Tonic Industrial Centre,NO.26  
Kai Cheung Road,Kowloon Bay,Hong Kong.

**According:** FCC Part 2, Subpart J (§2.1093)  
KDB 447498 D01 General RF Exposure Guidance v06

**Authorized Signatory**

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(Herbert Liu)

# **B T L I N C .**

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### Table for Filed Antenna:

Ant.	Manufacturer	Model Name	Antenna Type	Connector	Gain (dBi)
1	Briteo	WLA0EM57-I0195	Dipole	I-PEX	2.46

### CALCULATION RESULTS

According to 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:

- a) For 100 MHz to 6 GHz and *test separation distances*  $\leq 50$  mm, the 1-g and 10-g *SAR test exclusion thresholds* are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f_{\text{(GHz)}}}] \leq 3.0 \text{ for 1-g SAR, and } \leq 7.5 \text{ for 10-g extremity SAR,}^{30} \text{ where}$$

- $f_{\text{(GHz)}}$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation<sup>31</sup>
- The result is rounded to one decimal place for comparison
- The values 3.0 and 7.5 are referred to as *numeric thresholds* in step b) below

The maximum conducted power is TX 1M\_2441MHz.

Frequency (MHz)	Tune up Average Power (dBm)	Average Power (mW)	Distance (mm)	Result	Limit
2441	2.00	1.585	5	0.495	3

### CONCLUSION

No SAR evaluation required since transmitter power is below FCC threshold.