## **RF Exposure Requirements**

Product Description: <u>Cosmetic Promotion System</u> Model No.: <u>IST-100</u> FCC ID: <u>2AMUIIST-100</u>

According to the KDB 447498 D01 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)]  $\cdot [\sqrt{f(GHz)}] \le 3.0$  for 1-g SAR and  $\le 7.5$  for 10-g extremity SAR,16 where

- f(GHz) is the RF channel transmit frequency in GHz

- Power and distance are rounded to the nearest mW and mm before calculation

- The result is rounded to one decimal place for comparison

## WIFI(2.4G)

Conducted	Max. Power	Distance	Frequency	Result	Limit
Power (dBm)	(mW)	(mm)	(GHz)		
6.90	4.90	5	2.462	1.53	3

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)]  $\cdot [\sqrt{f(GHz)}]: 4.90/5*\sqrt{2.462}=1.53$ 

The exclusion thresholds is less than 3, therefore, the RF exposure evaluation is not required.