FCC RF Exposure

EUT Description: Wireless Bluetooth headset
Model No.: inPods 12, i 12, i 11, i9s
FCC ID: 2AWOE-INPODS12

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 ≤50 mm are determined by: [(max power of channel, including tune－up tolerance, mW)/(min. test separation distance, mm)] •[√ f(GHz)]≤3.0 for 1－g SAR and ≤ 7.5 for 10－g extremity SAR,
Where:
Result=P/D* √ 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

2.4G

		Output power（dBm）	Tune Up Power（dBm）	Max Tune Up power dBm/mW	Min test separation distance mm	Result	Limit	SAR Test Exclusion
BT EDR	2441	-6.231	-7±1	-6/ 0.25	5	0.07812	3.0	Pass
Note: PK Output power= conducted power. Conducted power see the test report **HK2006101389-E**, antenna gain=2.67dBi								

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 0.07812 which is<= 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)] • [√ f(GHz)]
f(GHz) is the RF channel transmit frequency in GHz
Distance=5mm