

SAR Exclusion Letter

Applicant Name: UCommTechnology Co., Ltd. #2108-2112, Pyeongchon Smart Bay 123 Beolmal-ro, Dongan-Gu, Anyang-Si, Gyeonggo-Do, South Korea	Date of Issue: 06. 08, 2018 Test Site: HCT CO., LTD.
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FCC ID:

2ABTKT5

Equipment Type:	Voice Caddie Watch
Application Type:	Certification
FCC Rule Part(s):	CFR §2.1093
Model Name:	T5

According to the FCC KDB 447498 D01 v06 section 4.3.1, for 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$\frac{\text{MaxPowerofChannel(mW)}}{\text{TestSeparationDistance(mm)}} * \sqrt{\text{Frequency(GHz)}} \leq 3.0(1g \text{ SAR}), 7.5(10g \text{ SAR})$$

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

Calculation Result:

Tx frequency range: 2 402 MHz~ 2 480 MHz
 Min. test separation distance: 5 mm
 Maximum Output Power: - 3.0 dBm (0.50 mW)
 RF channel transmit frequency: 2 402 MHz, 2 440 MHz, 2 480 MHz

Frequency [MHz]	Maximum Allowed Power	Separation Distance	≤ 3.0 1-g SAR
	[mW]	[mm]	
2 402	0.5	5	0.2
2 440			0.2
2 480			0.2

The exclusion thresholds is $0.2 < 3$, so the transmitter complies with the RF exposure requirements and the SAR is not required

Reviewed By



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