



Exhibit: RF Exposure – FCC

Report File #: 7169006883R-000

Client	Flosonic Medical	
Product	FloPatch FP120	
Standard(s)	RSS 247 Issue 2:2017 FCC Part 15 Subpart 15.247:2018	

RF Exposure – FCC

The device is a portable device and the minimum separation distance from the radiating structure to any part of the body a user is less than 5 mm as stated by the manufacturer during normal operation.

As per FCC KDB 447498 a 5 mm separation distance is used for calculation.

General SAR test exclusion guidance:

As per FCC KDB 447498 Section 4.3.1 a), the 1-g SAR Test Exclusion Threshold for 100 MHz to 6 GHz at test separation distances ≤ 50 mm is determined by:

$$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] [\sqrt{f_{(\text{GHz})}}] \leq 3.0$$

Where:

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

SAR Calculations: 2402 – 2480 MHz DTS transmitter

Peak conducted power was measured to be 0.83 mW. At a separation distance of 5mm, this results to:

$$[0.83 \text{ mW} / 5 \text{ mm}] * [\sqrt{2.480 \text{ GHz}}] = 0.3 \leq 3.0$$

SAR Exclusion Threshold condition is met with peak conducted power.