



Canada

Exhibit: RF Exposure – FCC

FCC ID: 2AYNV-BTSM1URU

Report File #: 7169007644RF-000

Client	BresoTEC Inc.	
Product	BTSM1US-URU	
Standard(s)	FCC Part 15 Subpart 15.247 FCC KDB 447498:2015	

RF Exposure – FCC

The device is intended for use on body and the minimum separation distance from the radiating structure to any part of the body or extremity of a user is 7 mm.

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 11.43 mW. At a separation distance of 7mm, this results to:

$$[11.43 \text{ mW} / 7 \text{ mm}] * [\sqrt{2.480 \text{ GHz}}] = 2.6 \leq 3.0$$

SAR Exclusion Threshold condition is met with maximum conducted power.