

RF exposure evaluation according to FCC CFR 47 part 15,
§15.247(e)(i)

The foot sensor is a portable device.

No SAR evaluation required if a transmitter power is below the following threshold:

Tunable range, GHz		Center of tunable band, GHz	60/f SAR limitation, mW
Flow	Fhigh		
2.401	2.482	2.441	24.6

Maximum measured transmitter power:

P _{out} conducted, mW	Maximum antenna gain, dBi	P _{out} EIRP, mW
0.44	1.5	0.62

Threshold for no SAR evaluation is 24.6 mW, maximum measured Tx power is 0.44 mW – conducted and 0.62 mW- EIRP.

Conclusion: No SAR evaluation is required since the maximum transmitter output power, both conducted and radiated, is below FCC threshold.