

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

The foot sensor (FS) is a portable device.

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

Tunable range, GHz		Operating frequency, GHz	60/f SAR limitation, mW
Flow	Fhigh		
2.400	2.483	2.433	24.66

Maximum measured transmitter power:

P _{out} conducted, mW	Maximum antenna gain, dBi	P _{out} EIRP, mW
0.35	1.5	0.5

Threshold for no SAR evaluation is 24.66 mW, maximum measured Tx power is 0.35 mW – conducted and 0.5 mW- EIRP.

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