

RF exposure information according to FCC CFR 47 part 15, §15.247(i), part 2, §2.1093

The stimulation unit is a portable device operating in 912.750 – 919.106 MHz band.

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

$$60/f \text{ (GHz) [mW]} = 60/0.915863 \text{ [mW]} = 65.5 \text{ [mW]}.$$

Tunable range, GHz		Center of tunable band, GHz	60/f SAR limitation, mW
Flow	Fhigh		
0.912750	0.919106	0.915863	65.5

Maximum measured transmitter power:

P _{out} conducted, mW	Maximum antenna gain, dBi	P _{out} EIRP, mW
9.4	-15	0.3

Threshold for no SAR evaluation is 65.5 mW, maximum measured Tx power is 9.72 dBm = 9.4 mW – conducted and –5.28 dBm = 0.0003 mW - EIRP.

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