1. MPE calculation

The peak output power (conducted) as documented in section 6.3 of this report is 12.8dBm or 19.1mW maximum.

The maximum output power of the device (peak) is 12.8 dBm or 19.1mW.
This is less than 60/f (GHz) = 24 mW, therefore SAR testing is not required.

Ignoring the duty cycle (source based time averaging), at a distance of 20cm from the product (typically a table mounted device, categorized as "mobile" in FCC OET Guide65), and allowing for a 2dBi (1.58 numerical) antenna gain, the power density would be

P/area = 19.1mW x 1.58 / 5026 cm^2 = .00600mW/ cm^2

This is well below the exposure limit of 1 mW/cm^2 for the general population.

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