RF Exposure evaluation

According to 447498 D01 General RF Exposure Guidance v05
The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] • [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison

Worse case of BT is as below:
[2441 MHz 1.64 dBm (1.46mW) output power]
(1.46mW /5mm) • [√2.441 (GHz)]= 0.46 <3.0 for 1-g SAR

Worse case of WIFI 2.4G is as below:
[2437MHz 6.55 dBm (4.5185 mW) output power]
(4.5185mW /5mm) • [√2.437(GHz)]= 1.42 <3.0 for 1-g SAR

Worse case of WIFI 5G is as below:
[5785MHz 6.12dBm (4.0926 mW) output power]
(4.0926 mW /5mm) • [√5.785 (GHz)]= 1.97 <3.0 for 1-g SAR

1.97+0.46= 2.43 <3.0 for 1-g SAR

Then SAR evaluation is not required