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

$\leqslant$ 50 mm are determined by:

[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] $\cdot$ [$\sqrt{}$

f(GHz)] $\leqslant$ 3.0 for 1-g SAR and $\leqslant$ 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

WIFI:

Worse case is as below: [2437MHz 7.73dBm（5.93 mW）output power]

(5.93 mW /5mm) $\cdot$ [$\sqrt{}$2.441(GHz)]=1.86 <3.0 for 1-g SAR

BT:

Worse case is as below: [2480MHz 7.85dBm（6.095 mW）output power]

(6.095 mW /5mm) $\cdot$ [$\sqrt{}$2.480(GHz)]= 1.93 <3.0 for 1-g SAR

Then SAR evaluation is not required