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 is as below: [2406 MHz 16.49dBm（ 44.5656 mW）output power]

(44.5656mW /20mm) •[√2.406(GHz)]= 3.454 <7.5 for 10-g SAR

Then SAR evaluation is not required

Remark:

The shortest distance between antenna and The manual part is 20mm