FCC ID: 2ACCU-SLAR0919

# **RF Exposure Evaluation**

## **LIMIT**

According to FCC \$2. 1093 and S11307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excessof the Commission's guide line.

According to KDB 447498 DO1 General RF Exposure Guidance

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)fGHz) 3.0 for 1- g SAR and ≤7.5 for 10- extremity SAR,

Where 1.f(GHZ)is the RF channel transmit frequency in GHZ.

- 2 .Power and distance are rounded to the nearest mw and mm before calculation.
- 3. The result is rounded to one decimal place for comparison.
- 4. When the minimum test separation distance is<5 mm, a distance of 5 mm is applied to determine SAR test Exclusion.

# **EVALUATION METHOD**

G)/(4*pi*r <sup>2</sup> )

Where

Pd = power density in mW/cm<sup>2</sup>, Pout = output power to antenna in mW, G = gain of antenna in linear scale;

Pi = 3.1416, R = distance between observation point and center of the radiator in cm

TEST RESULT		
⊠ Passed	☐ Not Applicable	

Туре	Maximum conducted output power(dBm)	Power Density (mW/cm2)	Limit (mW/cm2)	Result
BT-EDR	-0.31	0.29	7.5	Pass

## Note:

- 1) The maximum antenna gain is 2dBi
- 2) The exposure safety distance is less than 20cm.