

# 1. RF EXPOSURE EVALUATION

## Test Result of RF Exposure Evaluation

According to the KDB-447498 D01 V06, FCC 47CFR § 2.1093 the following RF exposure evaluation shall to demonstrate RF exposure compliance.

[(max. power of channel, including tune-up tolerance, mW) / (min. test separation distance,mm)]

\* [ $\sqrt{f}$ (GHz)]

BT3.0

	Peak Output power	Target power W/ tolerance (dBm)	Max tune up power tolerance (dBm)	Maximum Output Power: mW	Separation distance mm	RF exposure
1Mbps						
2402	-0.047	0.9±1.0	1.9	1.549	5	0.480
2441	1.307	0.9±1.0	1.9	1.549	5	0.484
2480	1.884	0.9±1.0	1.9	1.549	5	0.488
2Mbps						
2402	-0.311	0.6±1.0	1.6	1.445	5	0.448
2441	1.034	0.6±1.0	1.6	1.445	5	0.452
2480	1.533	0.6±1.0	1.6	1.445	5	0.455
3Mbps						
2402	-0.050	0.7±1.0	1.7	1.479	5	0.458
2441	1.005	0.7±1.0	1.7	1.479	5	0.462
2480	1.667	0.7±1.0	1.7	1.479	5	0.466

The Max RF exposure is 0.488

Threshold at which no SAR required is  $\leq 3.0$  for 1-g SAR, Separation distance is 5mm.

### Conclusion:

So no SAR is required.