

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.

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

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

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	-0.29	0±1.0	1.0	1.26	5	0.391
2441	0.02	0±1.0	1.0	1.26	5	0.394
2480	0.20	0±1.0	1.0	1.26	5	0.397
2Mbps						
2402	-0.87	0±1.0	1.0	1.26	5	0.391
2441	-0.60	0±1.0	1.0	1.26	5	0.394
2480	-0.47	0±1.0	1.0	1.26	5	0.397
3Mbps						
2402	-0.53	0±1.0	1.0	1.26	5	0.391
2441	-0.21	0±1.0	1.0	1.26	5	0.394
2480	-0.08	0±1.0	1.0	1.26	5	0.397

The Max RF exposure is 0.397

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

Conclusion:

So no SAR is required.