

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.

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

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

BT						
	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	1.343	0.4±1.0	1.4	1.380	5	0.428
2441	1.240	0.4±1.0	1.4	1.380	5	0.431
2480	1.305	0.4±1.0	1.4	1.380	5	0.435
2Mbps						
2402	1.290	0.3±1.0	1.3	1.349	5	0.418
2441	0.706	0.3±1.0	1.3	1.349	5	0.422
2480	0.312	0.3±1.0	1.3	1.349	5	0.425
3Mbps						
2402	1.459	0.5±1.0	1.5	1.413	5	0.438
2441	0.862	0.5±1.0	1.5	1.413	5	0.442
2480	0.609	0.5±1.0	1.5	1.413	5	0.445

The Max RF exposure is 0.445

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

Conclusion:

So no SAR is required.