

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	-1.493	-1.5±1.0	-0.5	0.891	5	0.276
2441	-0.688	-1.5±1.0	-0.5	0.891	5	0.278
2480	-0.642	-1.5±1.0	-0.5	0.891	5	0.281
2Mbps						
2402	-0.360	-1.3±1.0	-0.3	0.933	5	0.289
2441	-0.834	-1.3±1.0	-0.3	0.933	5	0.292
2480	-1.263	-1.3±1.0	-0.3	0.933	5	0.294
3Mbps						
2402	-0.212	0.0±1.0	1.0	1.259	5	0.390
2441	-0.693	0.0±1.0	1.0	1.259	5	0.393
2480	-0.957	0.0±1.0	1.0	1.259	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.