

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)]

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

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	-0.222	0.0±1.0	1.0	1.259	5	0.390
2441	1.658	1.0±1.0	2.0	1.585	5	0.495
2480	-1.320	-1.0±1.0	0.0	1.000	5	0.315
2Mbps						
2402	-0.985	0.0±1.0	1.0	1.259	5	0.390
2441	0.796	0.0±1.0	1.0	1.259	5	0.393
2480	-0.372	0.0±1.0	1.0	1.259	5	0.397
3Mbps						
2402	-0.827	0.0±1.0	1.0	1.259	5	0.390
2441	0.871	0.0±1.0	1.0	1.259	5	0.393
2480	-0.234	0.0±1.0	1.0	1.259	5	0.397

The Max RF exposure is 0.495

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