

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)]

BLE						
	Peak Output power	Targetpower W/ tolerance (dBm)	Max tune up power tolerance (dBm)	Maximum Output Power: mW	Separation distance mm	RF exposure
2402	1.824	1.7±1.0	2.7	1.862	5	0.577
2440	2.198	1.7±1.0	2.7	1.862	5	0.582
2480	2.684	1.7±1.0	2.7	1.862	5	0.586

The Max RF exposure is 0.586

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

Conclusion:

So no SAR is required.