

Test Result of RF Exposure Evaluation

According to the KDB-447498 D01 V05, FCC 47CFR § 2.1093, the following RF exposure evaluation shall to demonstrate RF exposure compliance.

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

	Frequency MHz	Maximum Output Power: dBm	Maximum Output Power: mW	Separation distance mm	RF exposure
GFSK	2403.585	9.67	9.27	5	2.87
	2438.913	9.58	9.08	5	2.84
	2477.313	9.61	9.14	5	2.88

The Max RF exposure is 2.88.

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

Conclusion:

so no SAR is required.