

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.

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

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

	Frequency GHz	Maximum Output Power: dBm	Maximum Output Power: mW	Separation distance mm	RF exposure
GFSK	2.402	-1.32	0.74	5	0.23
	2.441	-1.46	0.71	5	0.22
	2.480	-1.76	0.67	5	0.21
Pi/4DQPSK	2.402	-1.64	0.69	5	0.21
	2.441	-1.94	0.64	5	0.20
	2.480	-1.46	0.71	5	0.22
8-DPSK	2.402	-1.02	0.79	5	0.24
	2.441	-1.17	0.76	5	0.24
	2.480	-1.24	0.75	5	0.24

The Max RF exposure is 0.24.

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

Conclusion:

so no SAR is required.