



APPENDIX E

: RF EXPOSURE EVALUATION



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

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

Frequency	Average Conducted Output Power(dBm)	Target Power /tolerance (dBm)	Maximum Average Output Power(dBm)	Maximum Average Output Power(mW)	Separation Distance (mm)	RF Exposure
2402	5.41	6 ± 1	7	5.01	5	1.55
2440	5.76	6 ± 1	7	5.01	5	1.57
2480	5.98	6 ± 1	7	5.01	5	1.58

The Max RF exposure is 1.58

Threshold at which no SAR required is $\ll 3$ for 1-g SAR, Separation distance is 5 mm

Conclusion:

So no SAR is required.