



APPENDIX L
: 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

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

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
2425	4.83	5 ± 1	6	3.981	5	1.24
2450	4.66	5 ± 1	6	3.981	5	1.25
2475	4.40	5 ± 1	6	3.981	5	1.25

The Max RF exposure is 1.25

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

Conclusion:

So no SAR is required.