



## 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

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

| 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      | 4.86                                | 5 ± 1                         | 6                                 | 3.981                            | 5                        | 1.23        |
| 2440      | 5.13                                | 5 ± 1                         | 6                                 | 3.981                            | 5                        | 1.24        |
| 2480      | 4.28                                | 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.