

## Appendix 6

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| <b>Safety Human Exposure – Radio Frequency Exposure Compliance</b> |   | <b>Pass</b> |
|--|---|-------------|
| Test Specification : FCC KDB Publication 447498 D01 v05r02         |   |             |
| Requirement  | : At frequencies below 100 MHz, the following may be considered for SAR test exclusion, and as illustrated in Appendix C:28   |             |
|  | a) The power threshold at the corresponding test separation distance at 100 MHz in step 2) is multiplied by $[1 + \log(100/f(\text{MHz}))]$ for test separation distances $> 50 \text{ mm}$ and $< 200 \text{ mm}$  |             |
|  | b) The power threshold determined by the equation in a) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$ for test separation distances $\leq 50 \text{ mm}$   |             |
|  | c) SAR measurement procedures are not established below 100 MHz. When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any test results to be acceptable.   |             |
| Results  | : max. power of channel = $-25.02 \text{ dBm} = 0.003 \text{ mW}$<br>min. test separation distance $< 50\text{mm}$<br>frequency = $49.86\text{MHz}$<br><br>Exclusion threshold = $[(3 \times 50) / (\sqrt{0.1})] \times [1 + \log(100/49.86)] \times 1/2$<br>$= 310.65 \text{ mW}$<br><br>Since maximum peak output power of the transmitter is $0.003\text{mW} < 310.65 \text{ mW}$ , the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile and Portable RF Exposure v05r02. |             |