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Safety Human Exposure – Radio Frequency Exposure Compliance	Pass
<p>Test Specification : FCC KDB Publication 447498 D01 General RF Exposure Guidance v06</p> <p>Requirement : At frequencies below 100 MHz, the following may be considered for SAR test exclusion, and as illustrated in Appendix C:28</p> <ul style="list-style-type: none"> 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. 	
<p>Results : max. power of channel = -18.26 dBm = 0.015 mW min. test separation distance < 50mm frequency = 27.145MHz</p> <p>Exclusion threshold = $[(3 \times 50) / (\sqrt{0.1})] \times [1 + \log(100/27.145)] \times 1/2$ = 371.48 mW</p> <p>Since maximum peak output power of the transmitter is 0.015mW < 371.48 mW, the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 General RF Exposure Guidance v06.</p>	