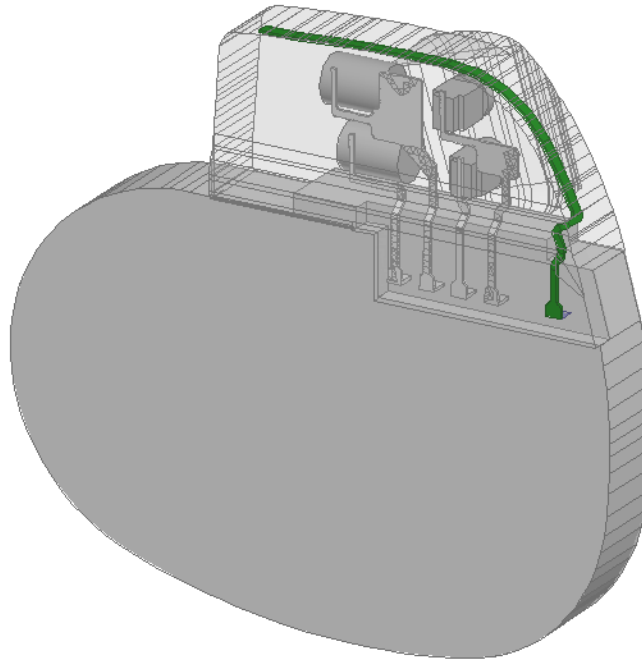
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The integrated BLE antenna is a permanently affixed antenna and complies with the provisions of FCC part 15.203.

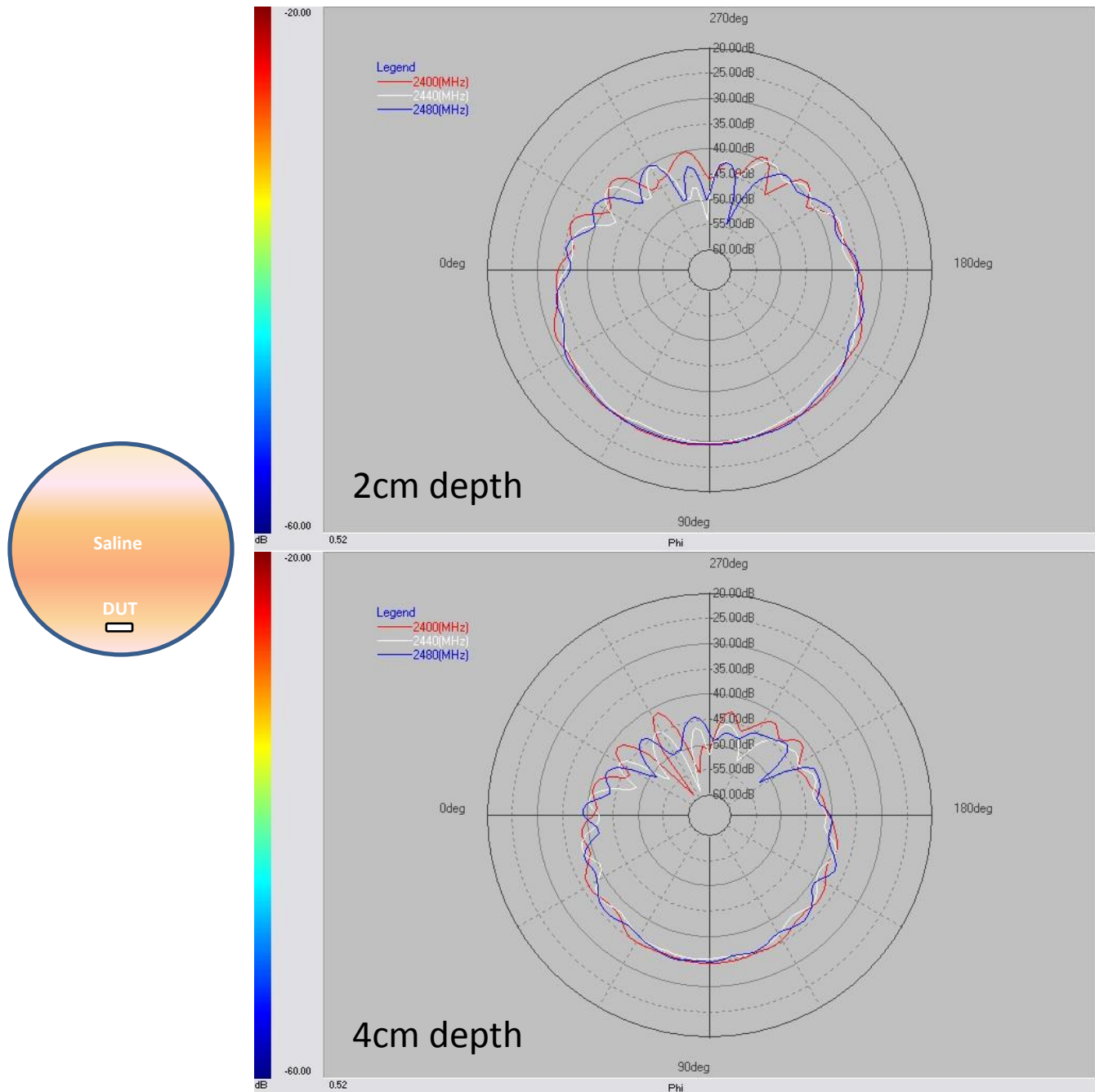


**Azure BLE monopole antenna location in device header**

Antenna Design	Impedance Reference Plane	Implant Depth	Impedance	Peak Gain (dBi)
Wire monopole Antenna (characteristics at 2.44GHz)	After Feed Through	2cm	18.5-0.8j	-22.6
	After LRB	2cm	21.1+75.4j	-22.6

**BLE Antenna material: Niobium**

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About 6dB gain/efficiency degradation from 2cm to 4cm depth  
Depth greater than 4cm will result in invalid result (SNR too low)