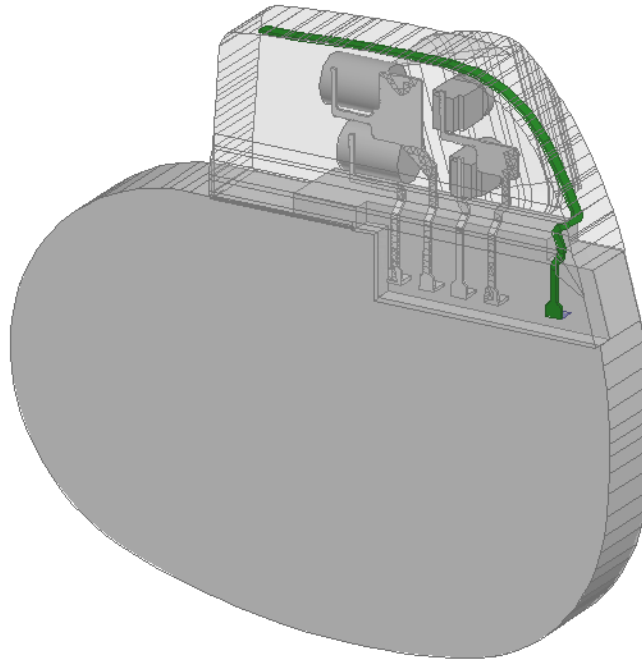
 Medtronic MEDTRONIC CONFIDENTIAL	DHF Project Name		Page
	NA		1 of 2
	Deliverable	Technical Construction/Documentation File Element	
	Title	Azure MRI BLE Antenna information for Japan submittal	

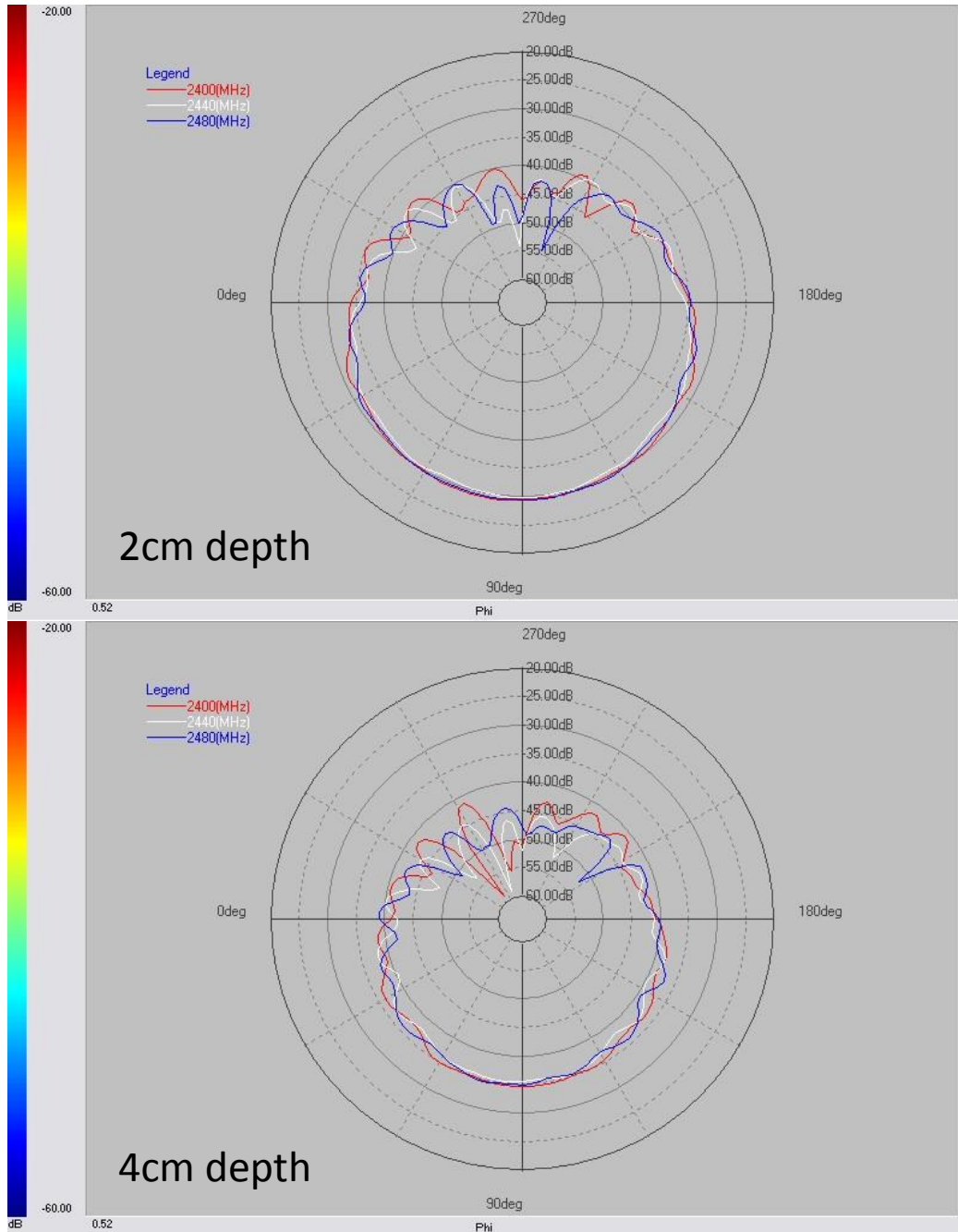
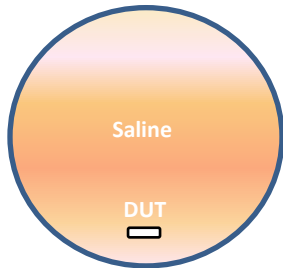
The integrated BLE antenna is a permanently affixed antenna and complies with the provisions of FCC part 15.203.



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



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