

# D35 DKNW76XM BT-BLE Antenna Test Report

Test Tool: CST - Dassault Systèmes

**CST BT/BLE Antenna Dimensions and Simulation Results (with all the mechanicals)**

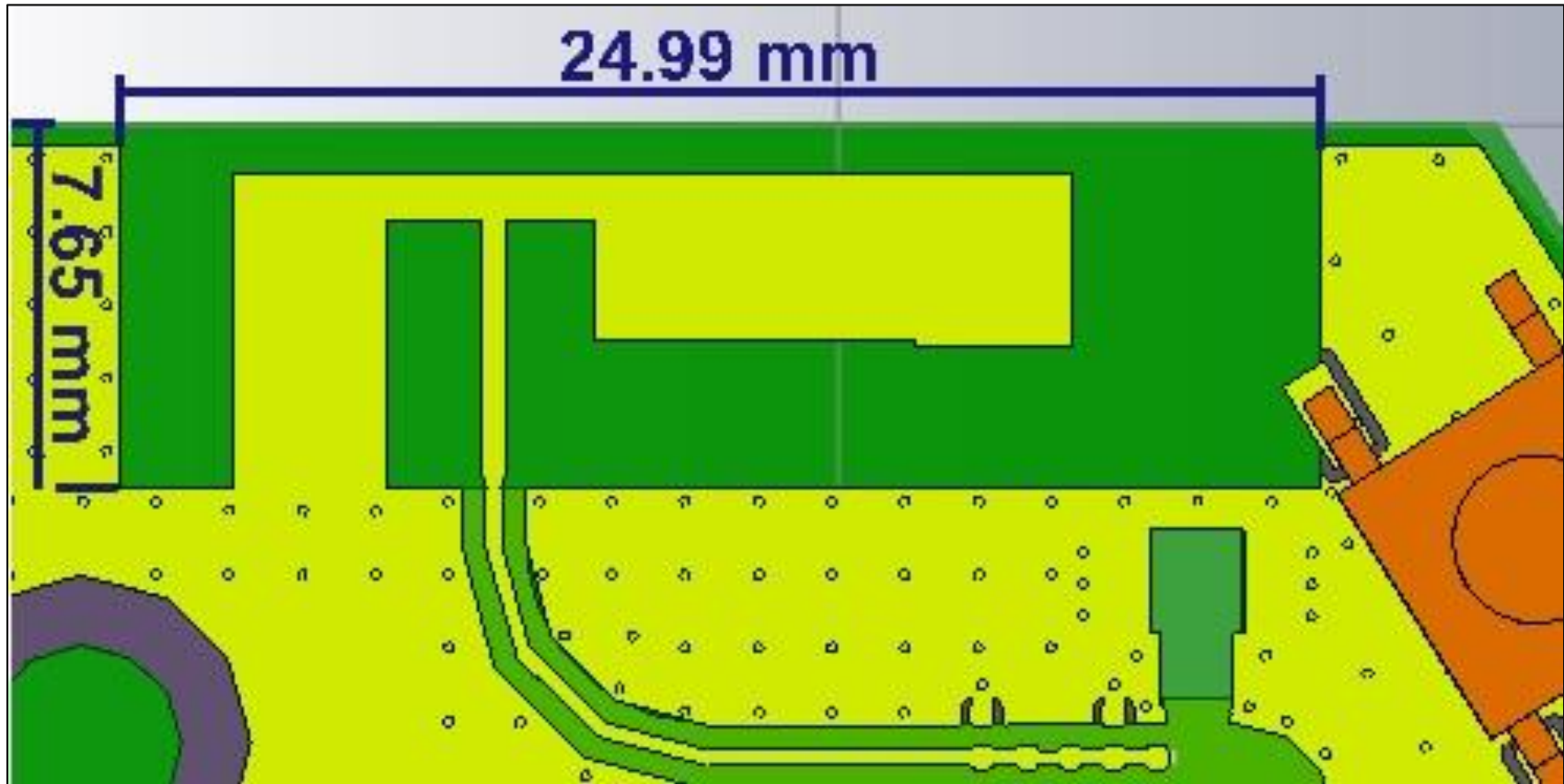


Figure 1: WMJ4 BT Antenna dimensions

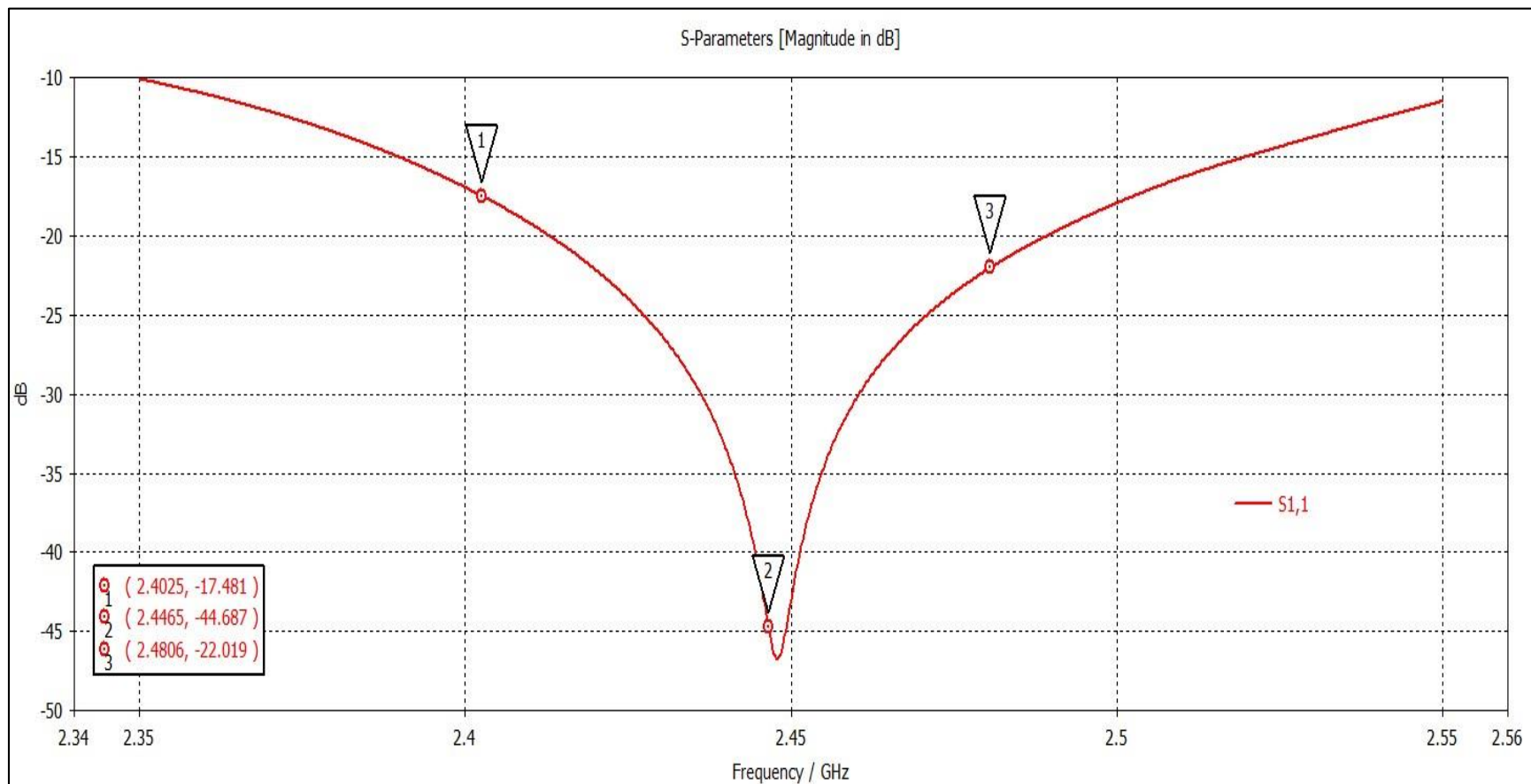


Figure 2: BT/BLE Antenna 1D Results - S-Parameters- S1 1

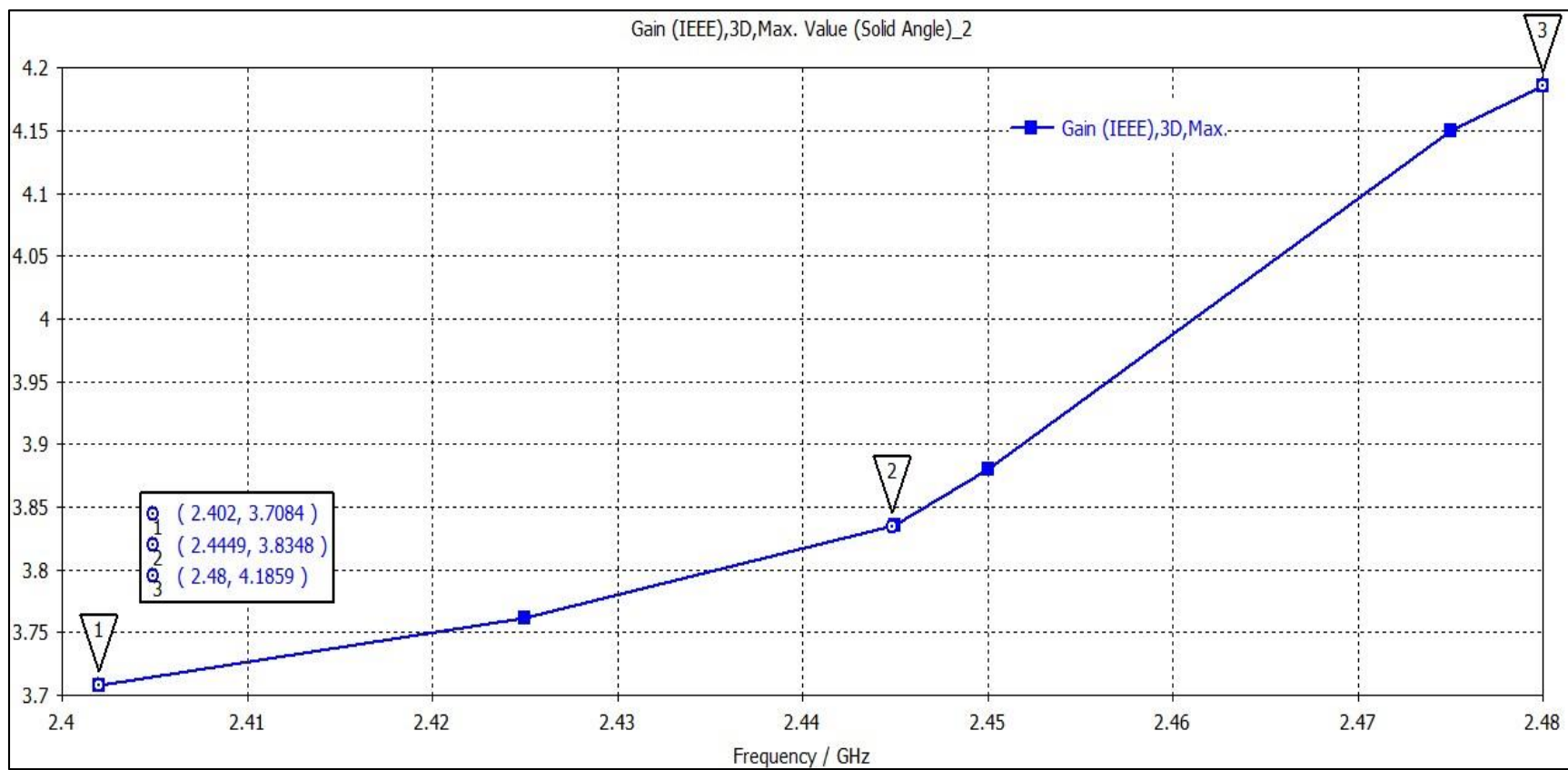


Figure 3: BT/BLE Max simulated Antenna Gain

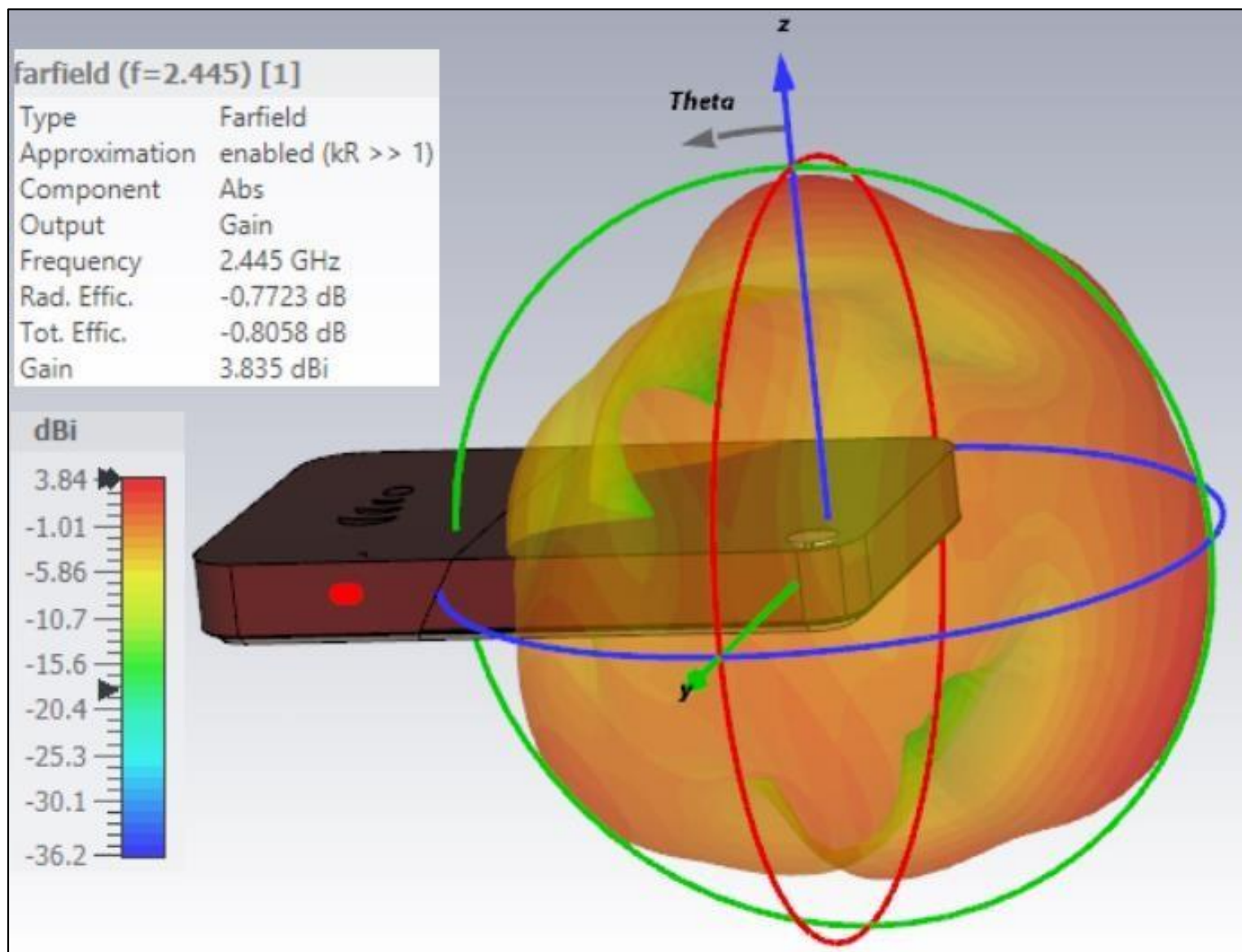


Figure 4: Farfield radiation pattern at 2.445 GHz

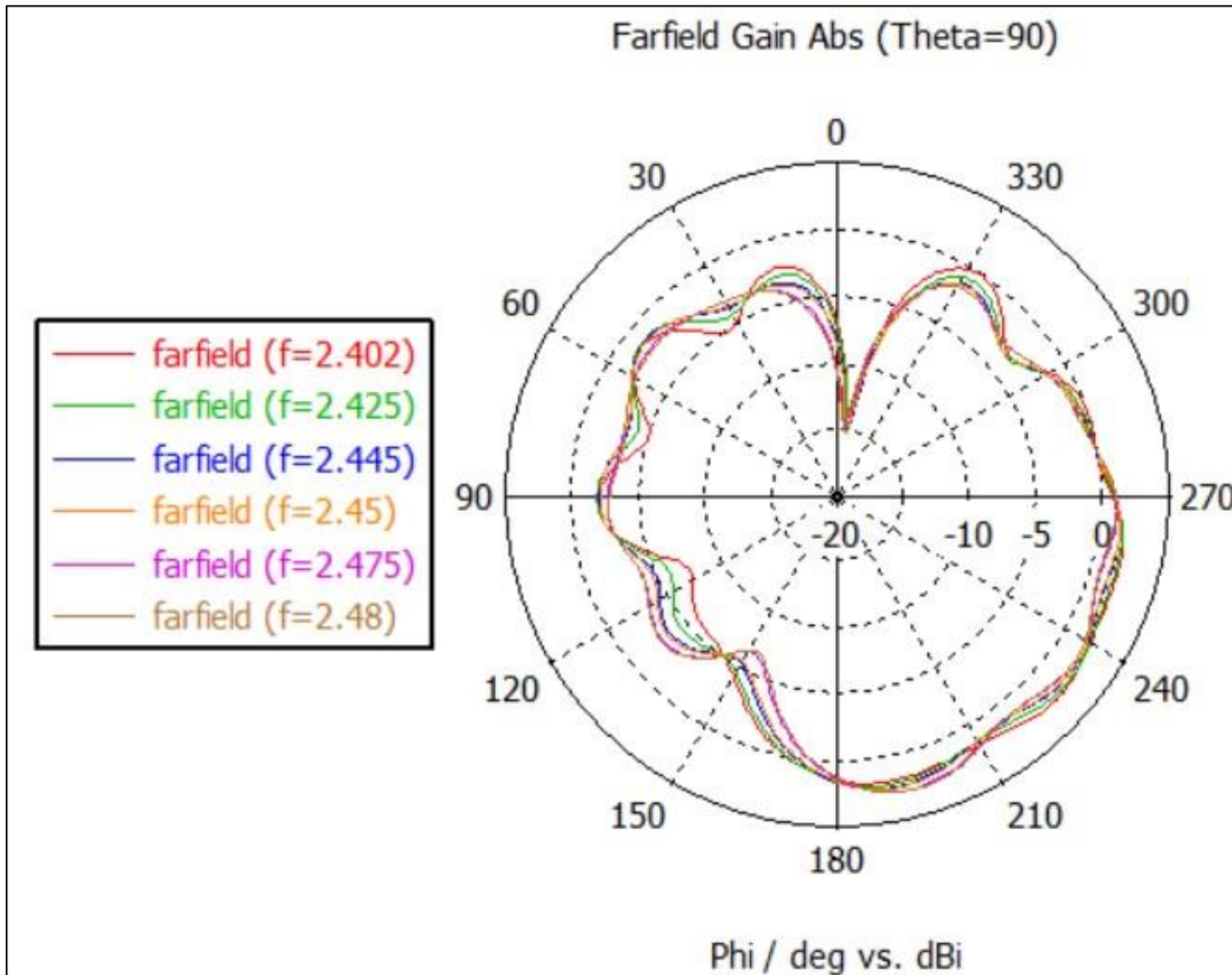


Figure 5: Excitation [1] \_Theta=90\_farfield cuts (f=2.402, 2.45, and 2.480 GHz)

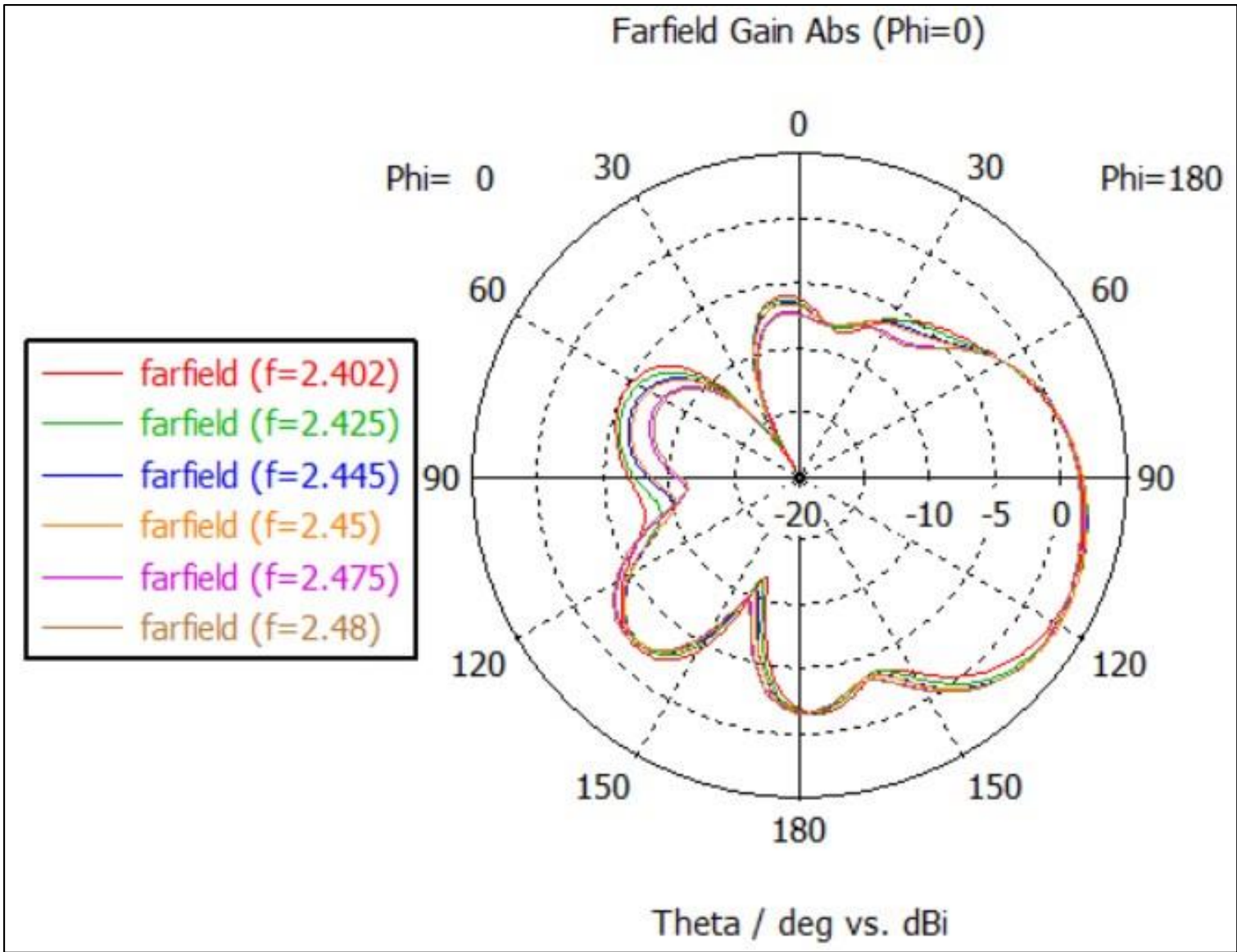


Figure 6: Excitation [1] \_Phi=0\_farfield cuts (f=2.402, 2.45, and 2.480 GHz)

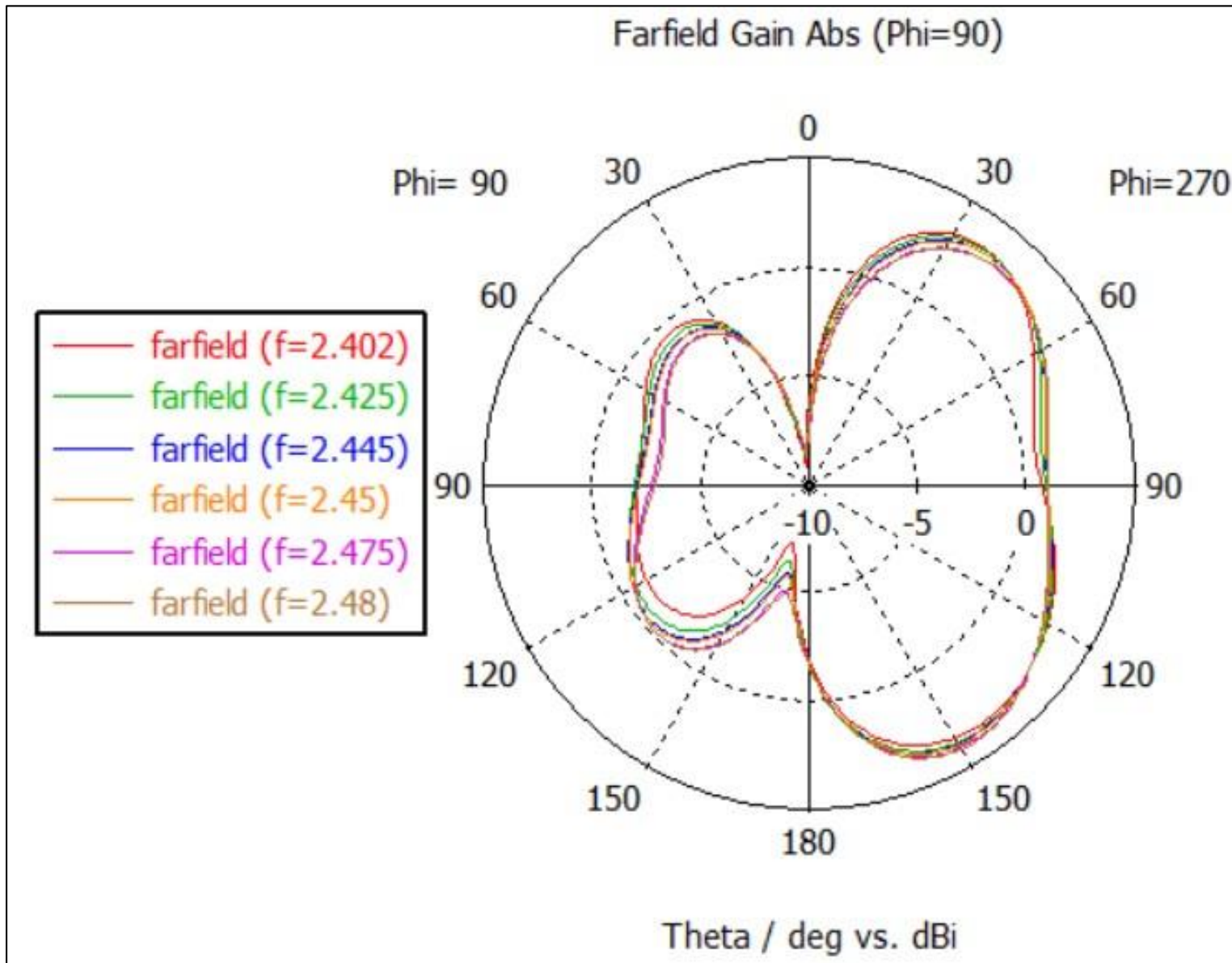


Figure 7: Excitation [1]\_Phi=90\_farfield cuts (f=2.402, 2.45, and 2.480 GHz)