

D45 DKNU49F BT-BLE Antenna Test Report

Test Tool: CST - Dassault Systèmes

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

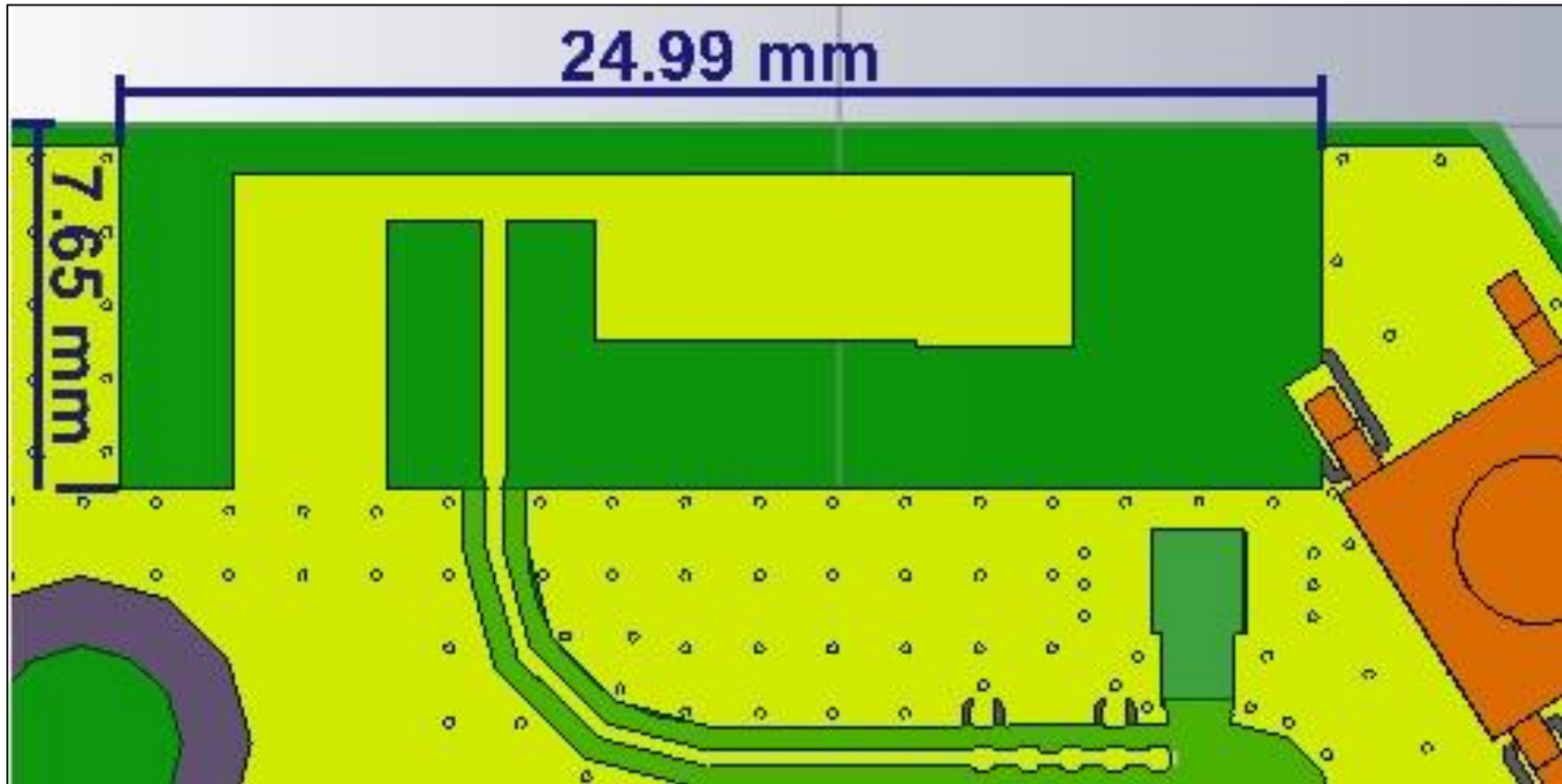


Figure 1: WMJ4 BT Antenna dimensions

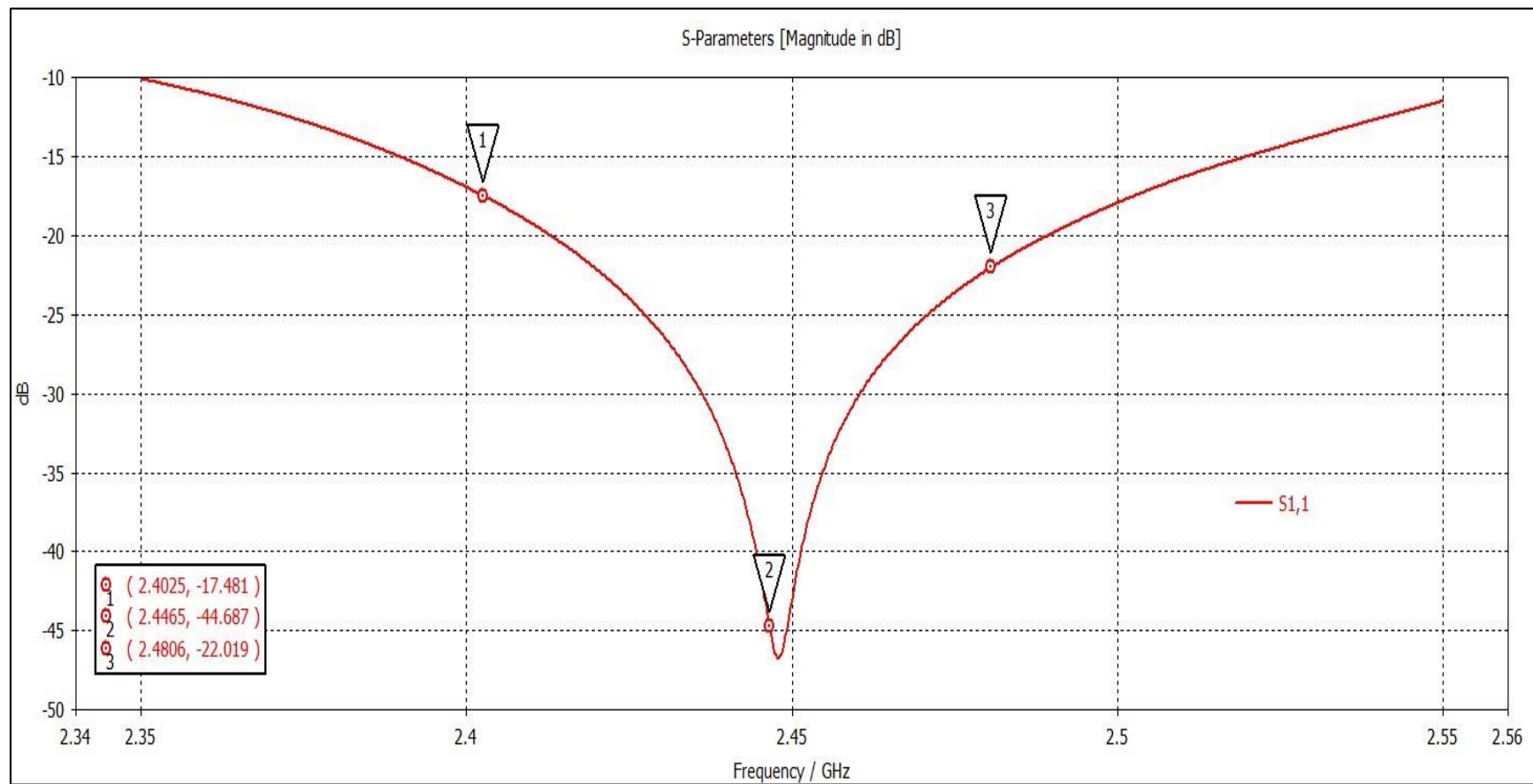


Figure 2: BT/BLE Antenna 1D Results - S-Parameters- S11

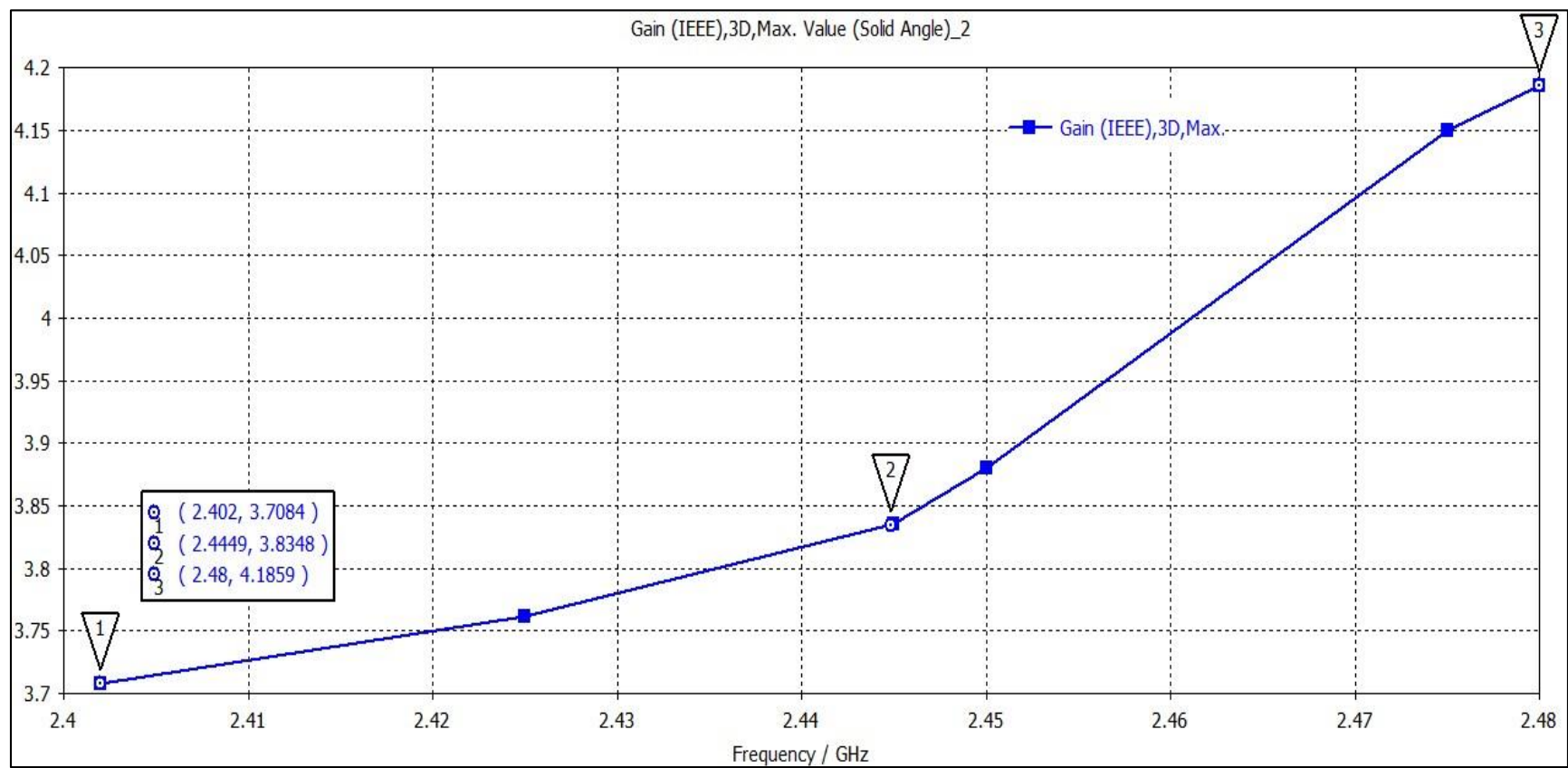


Figure 3: BT/BLE Max simulated Antenna Gain

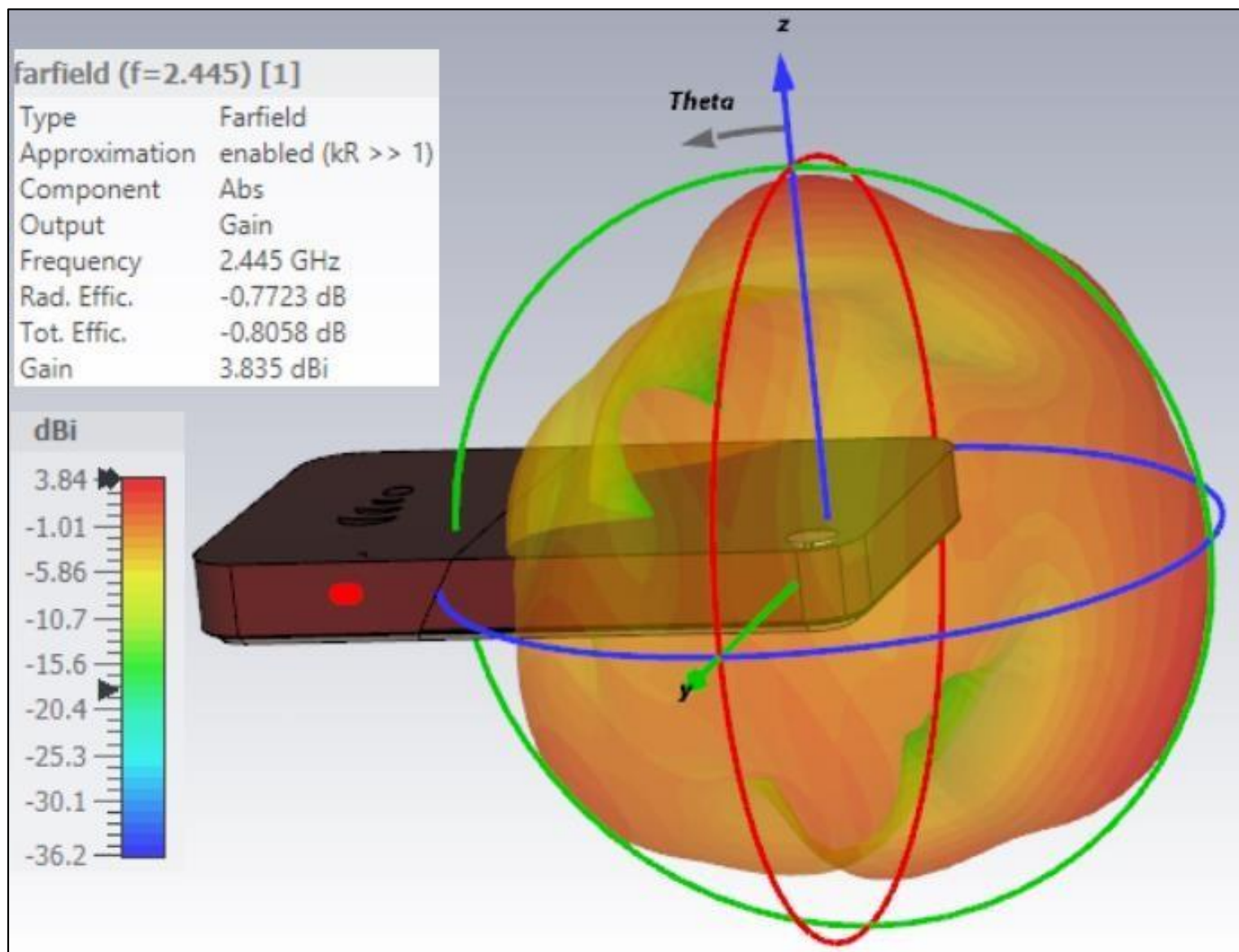


Figure 4: Farfield radiation pattern at 2.445 GHz

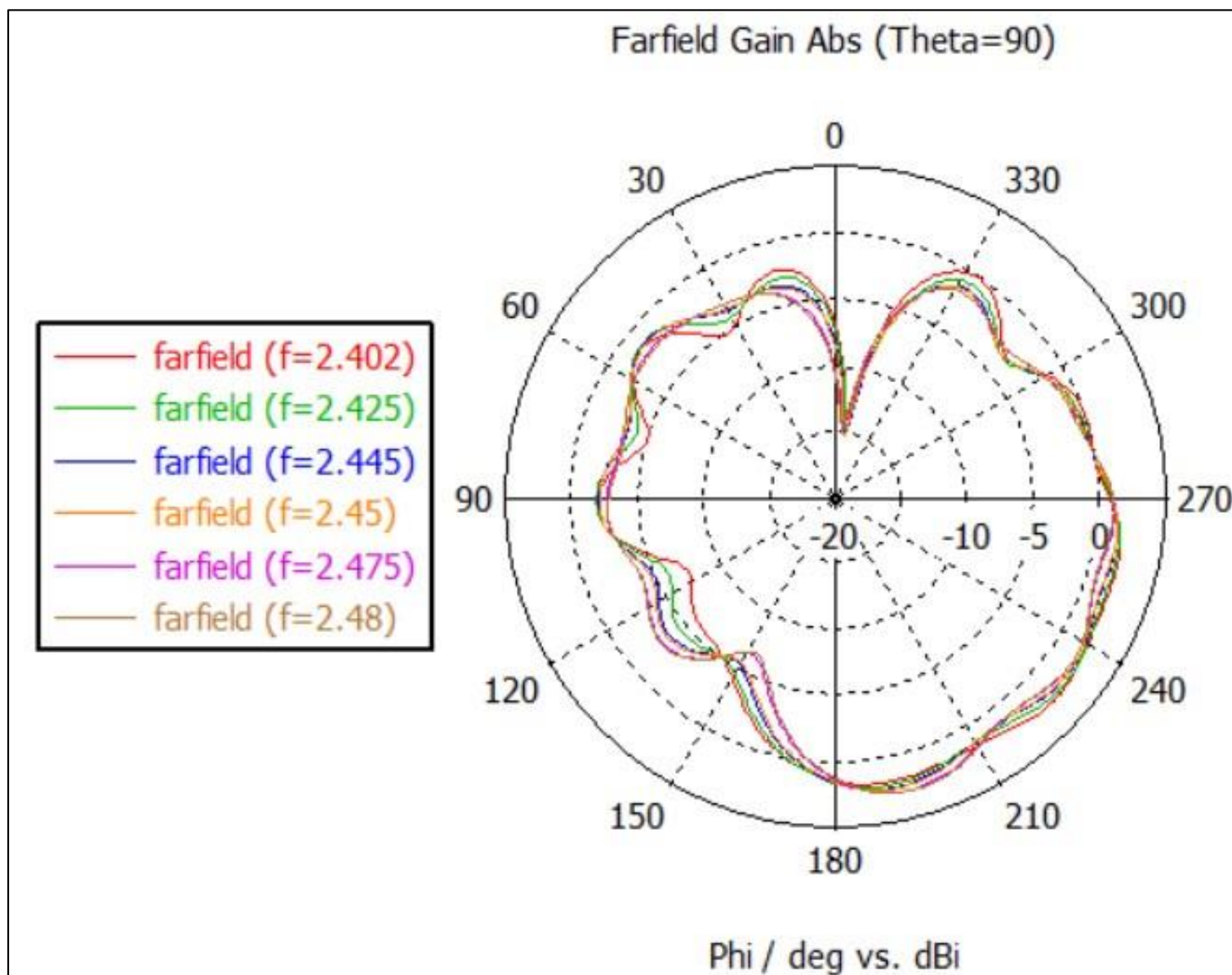


Figure 5: Excitation [1] _Theta=90_farfieldcuts (f=2.402, 2.45, and 2.480 GHz)

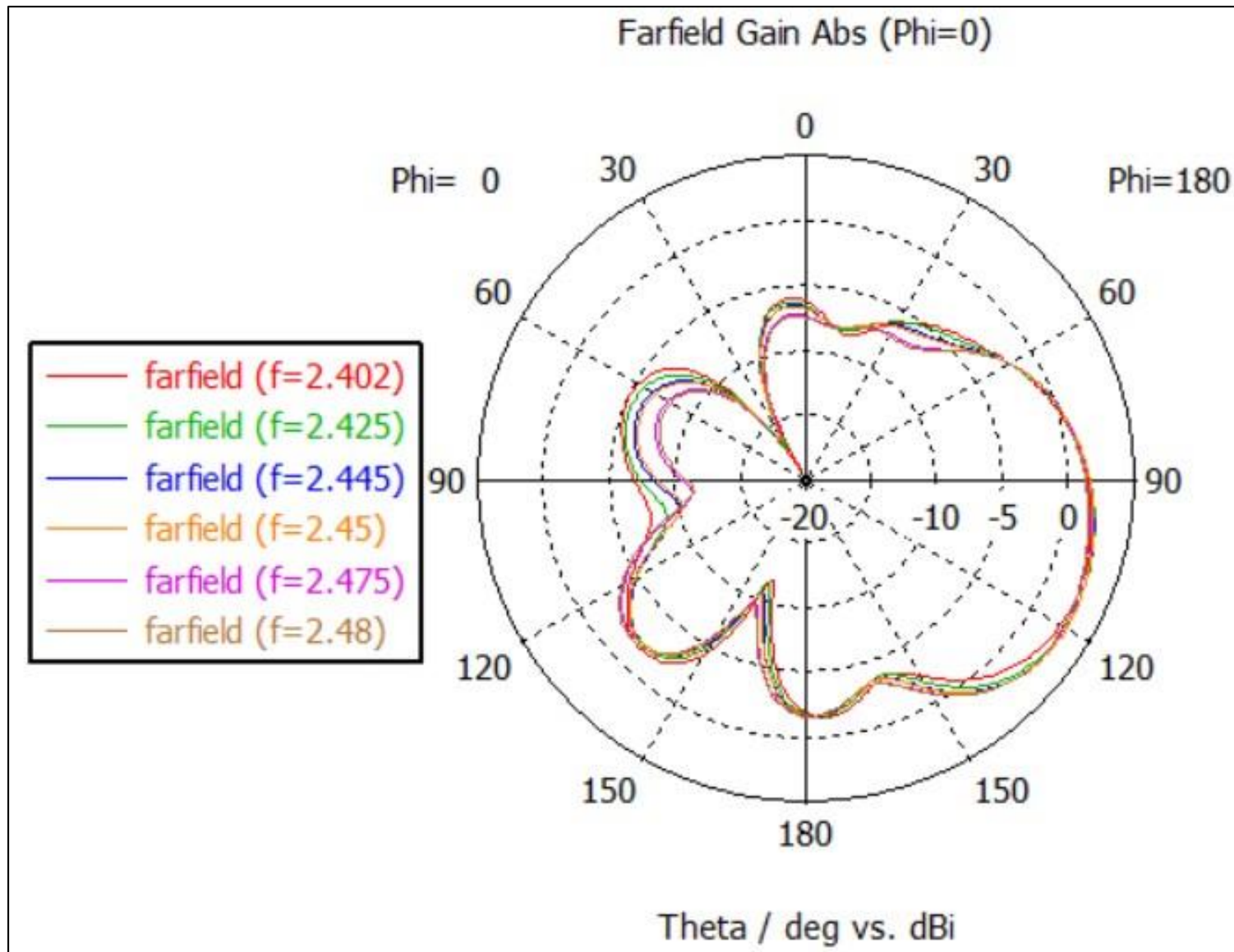


Figure 6: Excitation [1] _Phi=0_farfield cuts (f=2.402, 2.45, and 2.480 GHz)

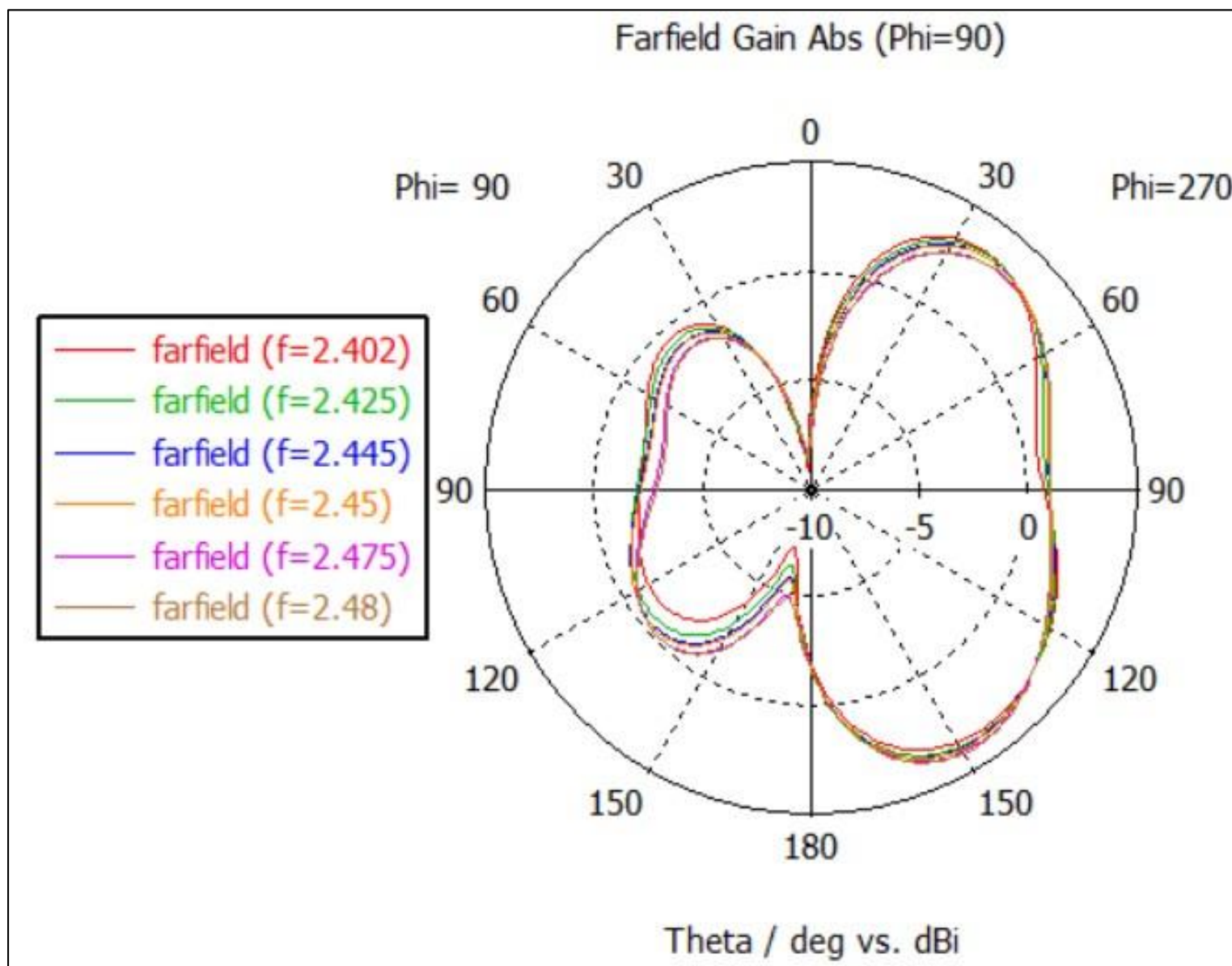


Figure 7: Excitation [1] _Phi=90_farfield cuts (f=2.402, 2.45, and 2.480 GHz)