

## D45 DKNU49F RF4CE Antenna Test Report

Test Tool: CST - Dassault Systèmes

**CST RF4CE Antenna Dimensions and Simulation Results (with all the mechanicals)**

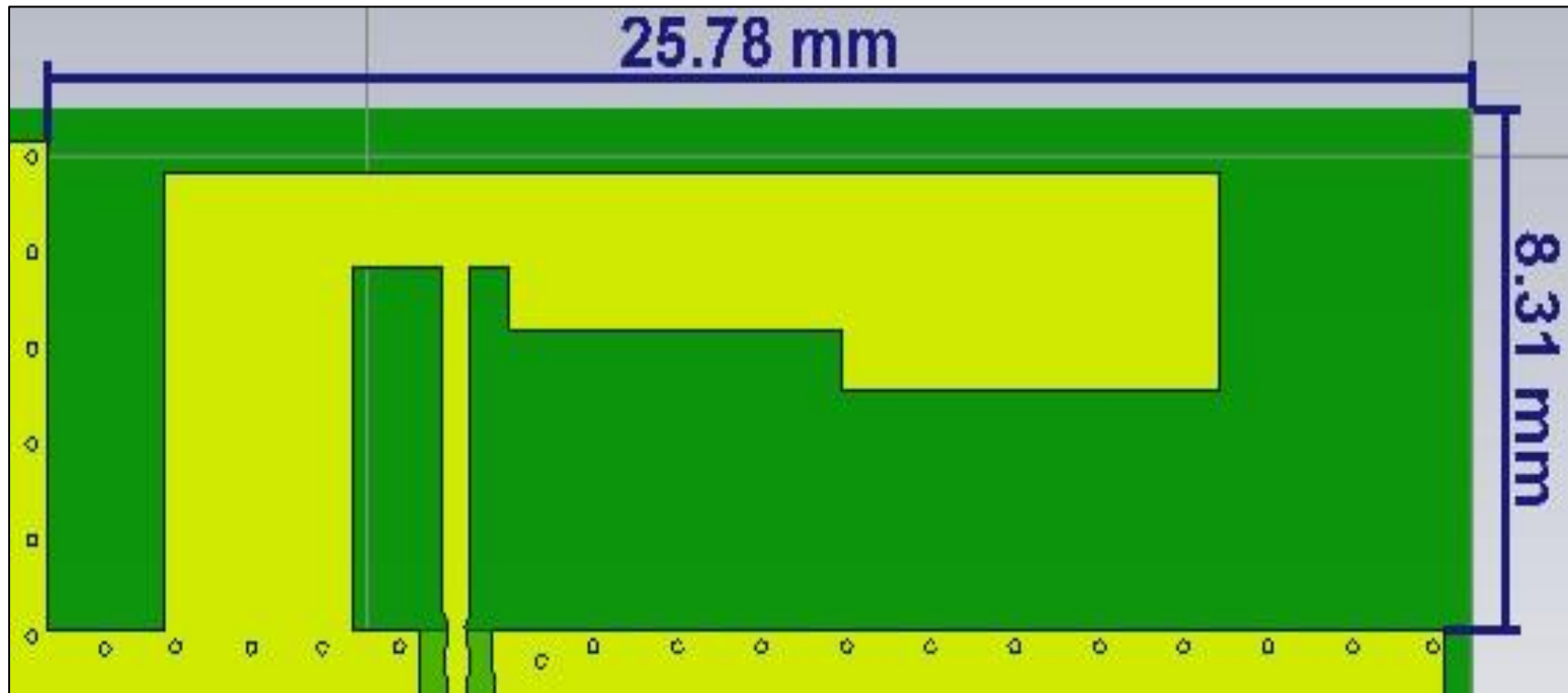


Figure 1: WMJ4 RF4CE Antenna dimensions

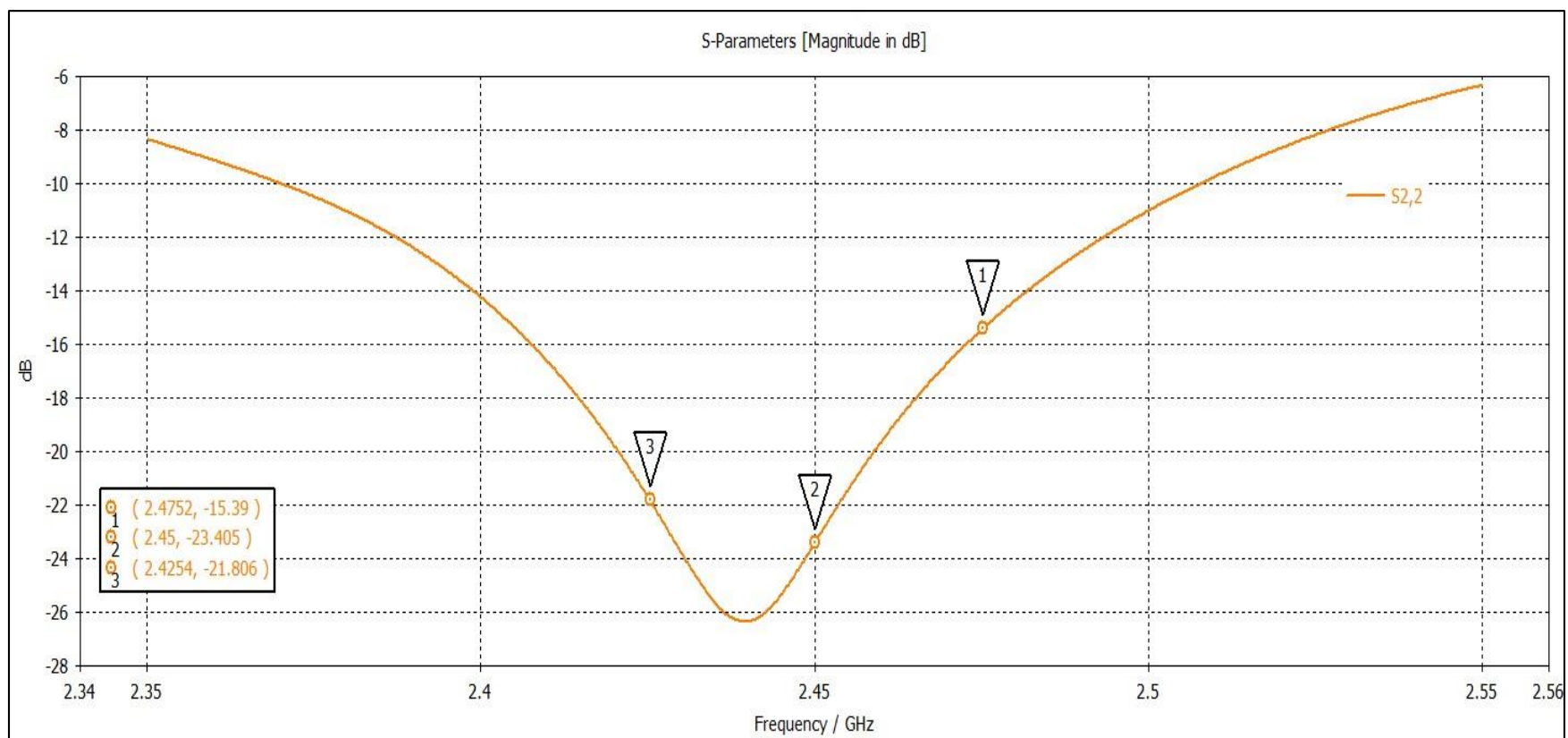


Figure 2: WMJ4 RF4CE 1D Results - S-Parameters - S22

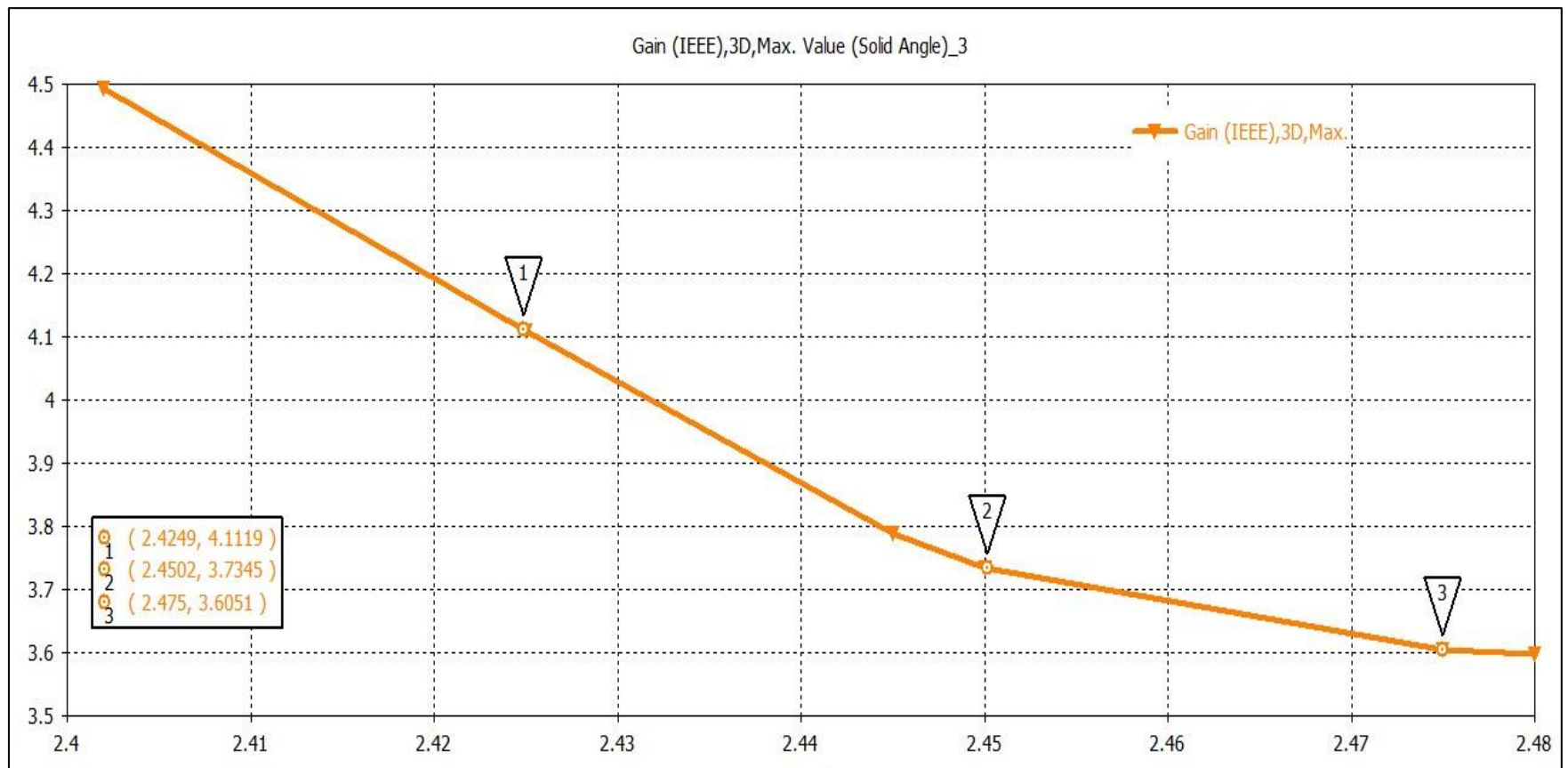


Figure 3: WMJ4 RF4CE Max simulated Antenna Gain

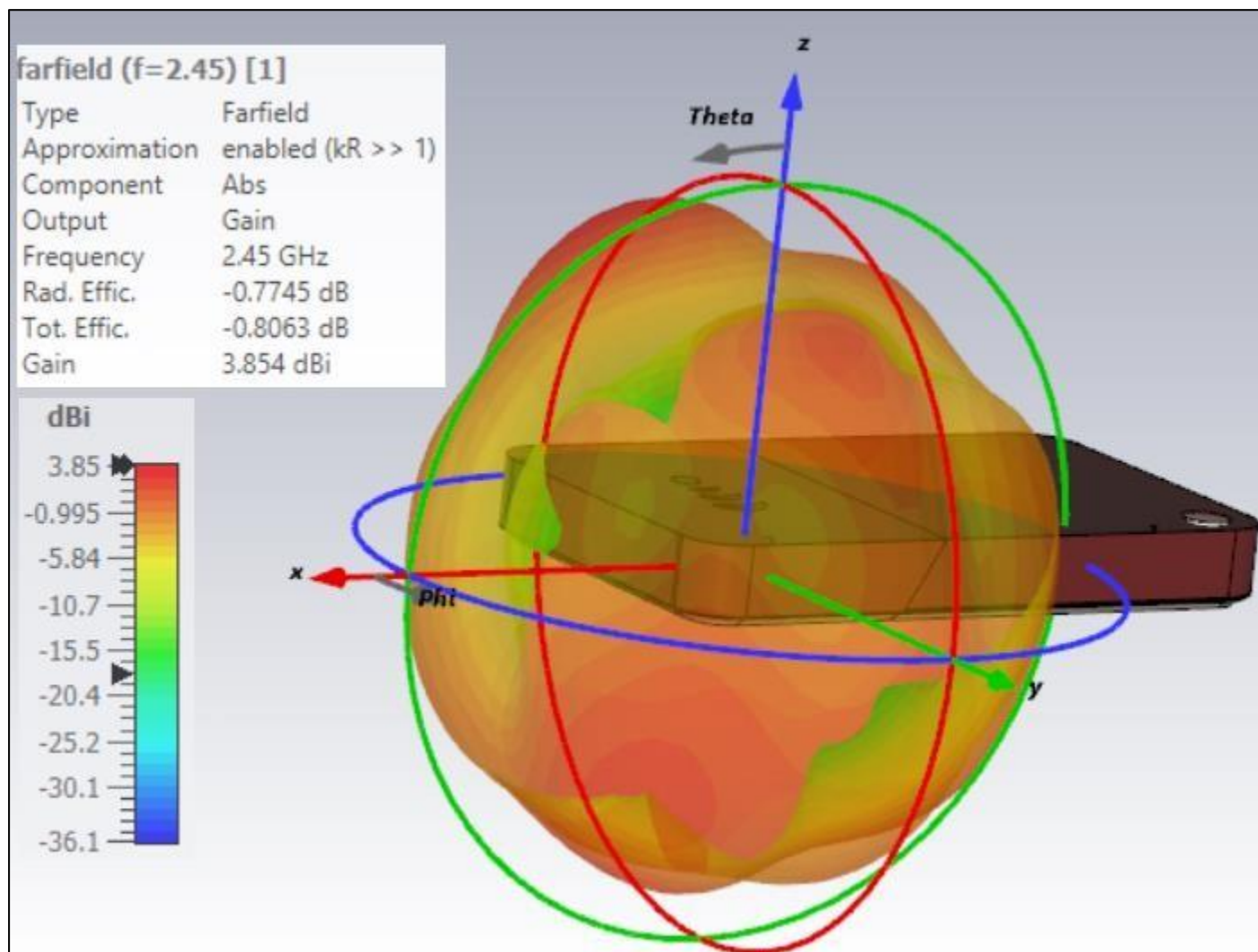


Figure 4: Farfield radiation pattern at 2.45 GHz

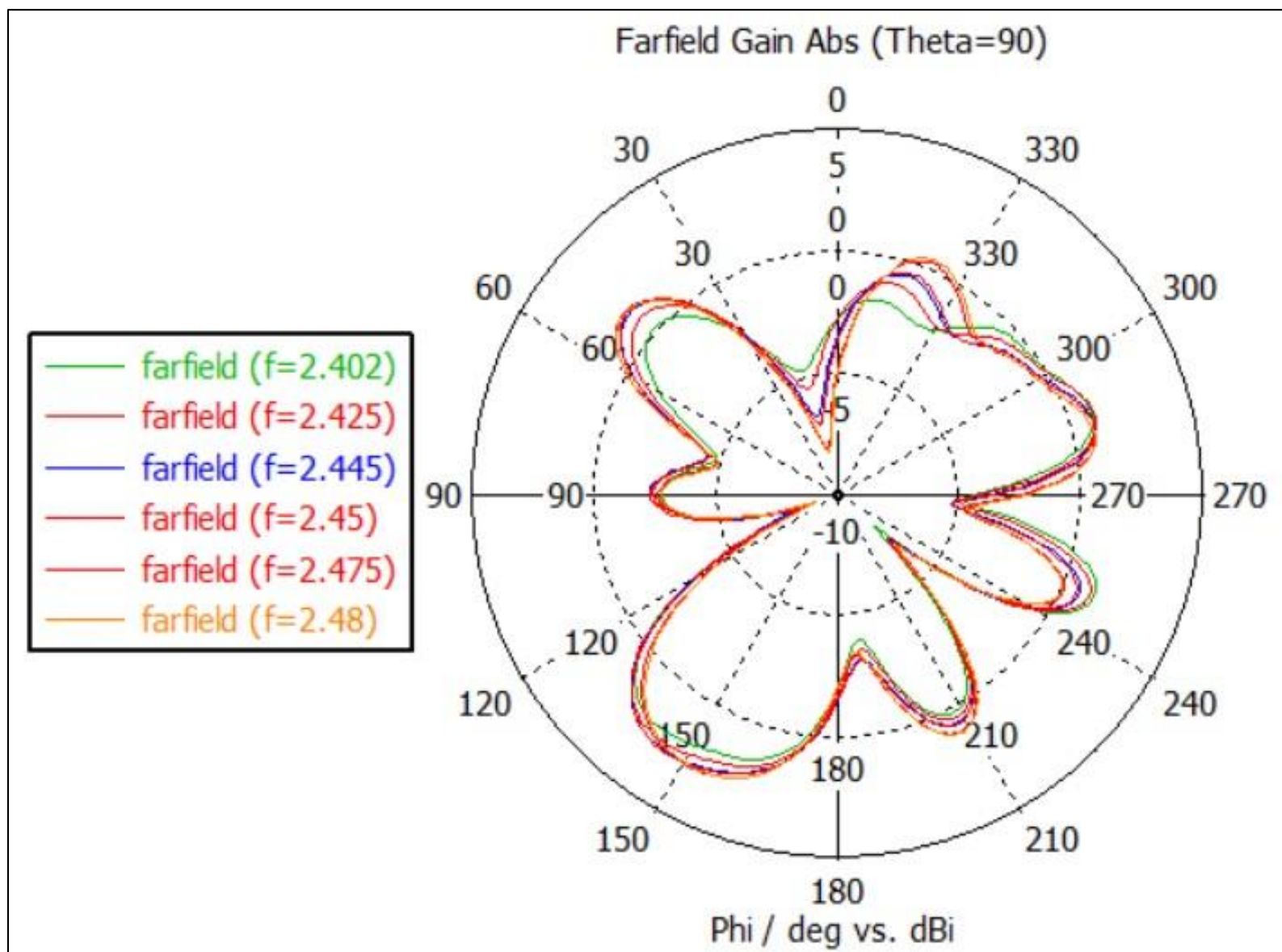


Figure 5: Excitation [1] \_Theta=90\_farfield cuts (f=2.425, 2.450, and 2.475 GHz)

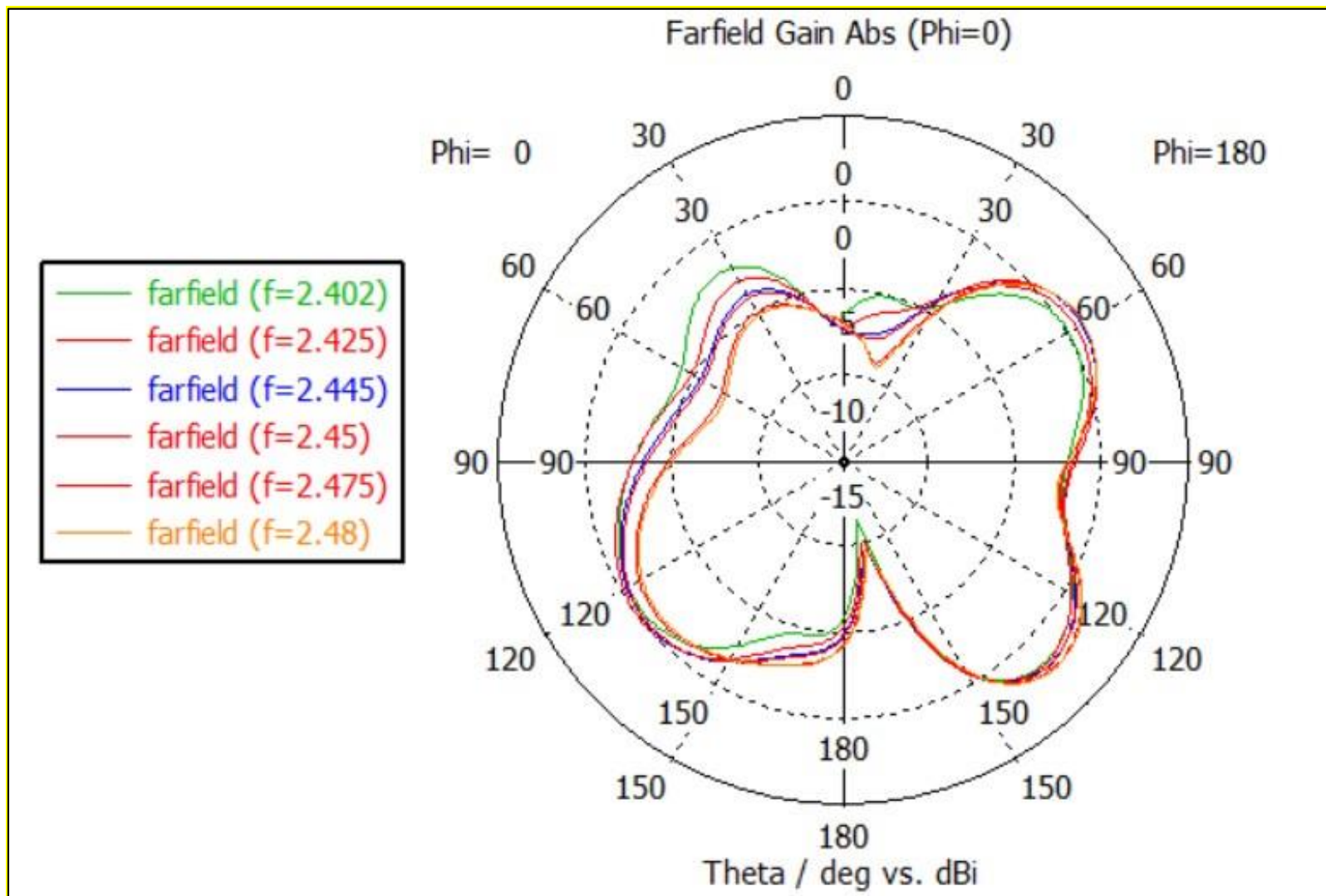


Figure 6: Excitation [1] \_Phi=0\_farfield cuts (f=2.425, 2.450, and 2.475 GHz)



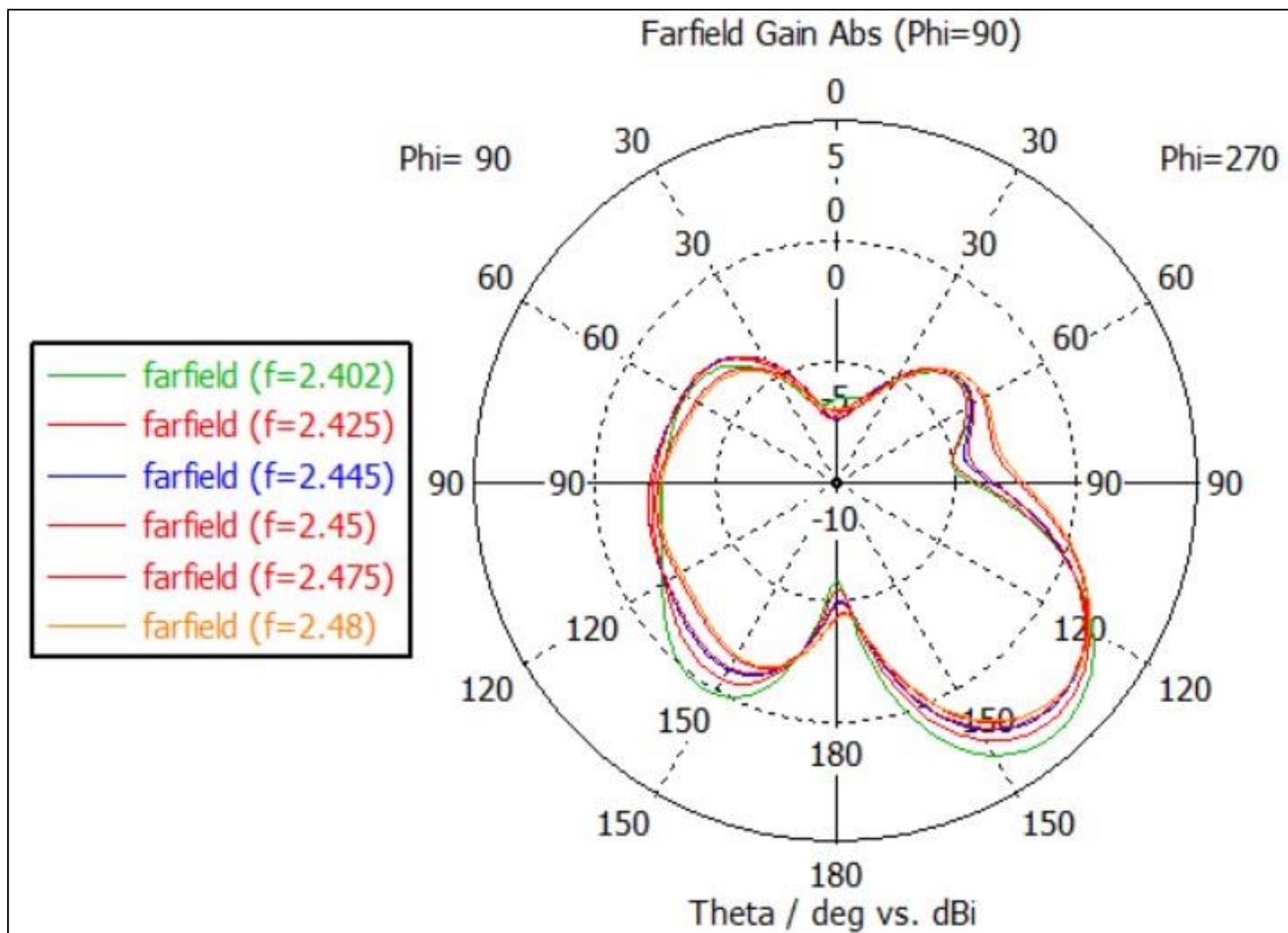


Figure 7: Excitation [1] \_Phi=90\_farfield cuts (f=2.425, 2.450, and 2.475 GHz)