

Antenna Pattern



Version Control:

	Applied Change	Date	Name
00	Antenna Pattern (Simulation) and Antenna Gain (tested at 7Layers)	18.05.2026	L. Benz



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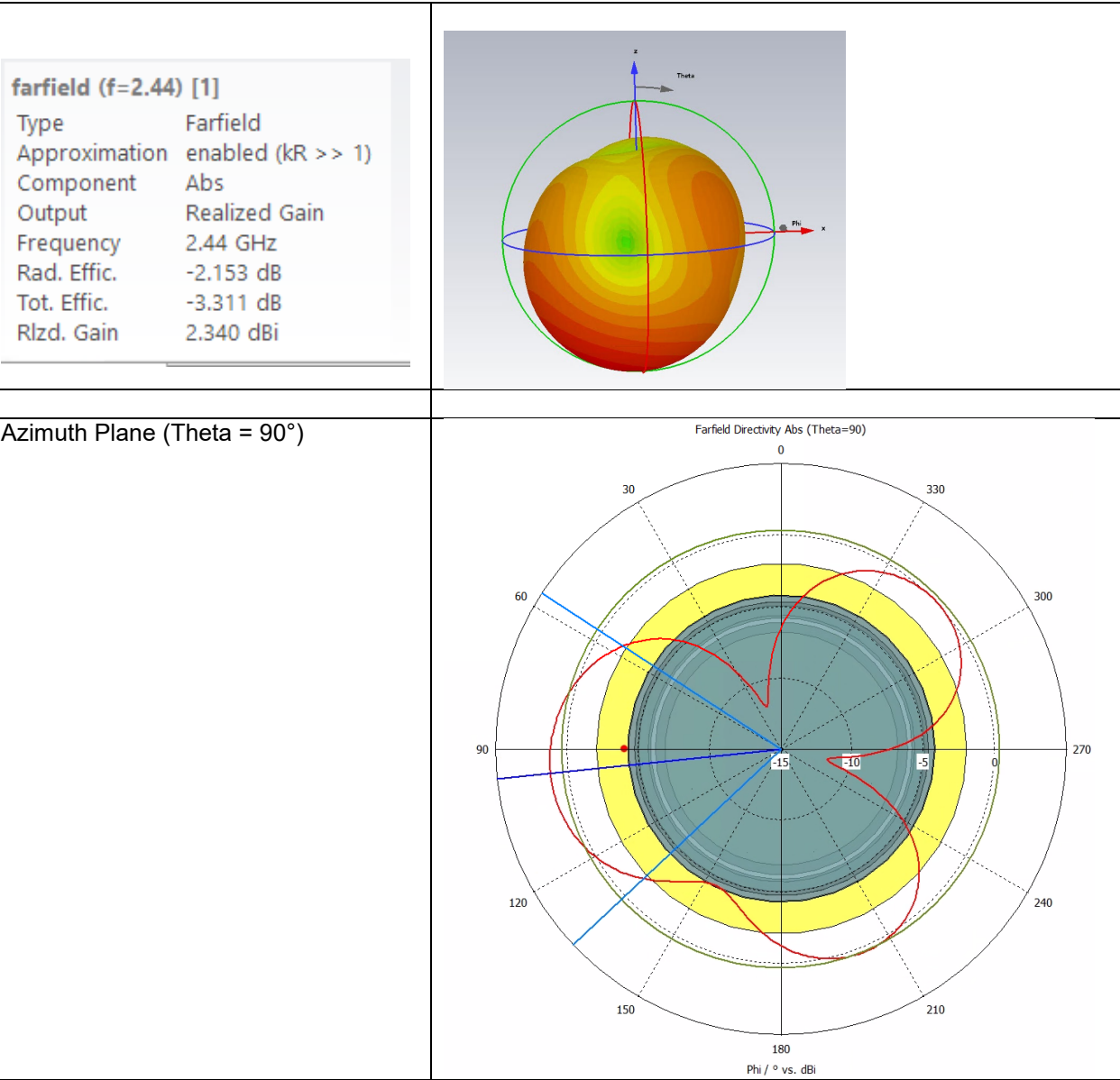
FCC ID: O6Q-DAC1
IC ID: 3892A-DAC1

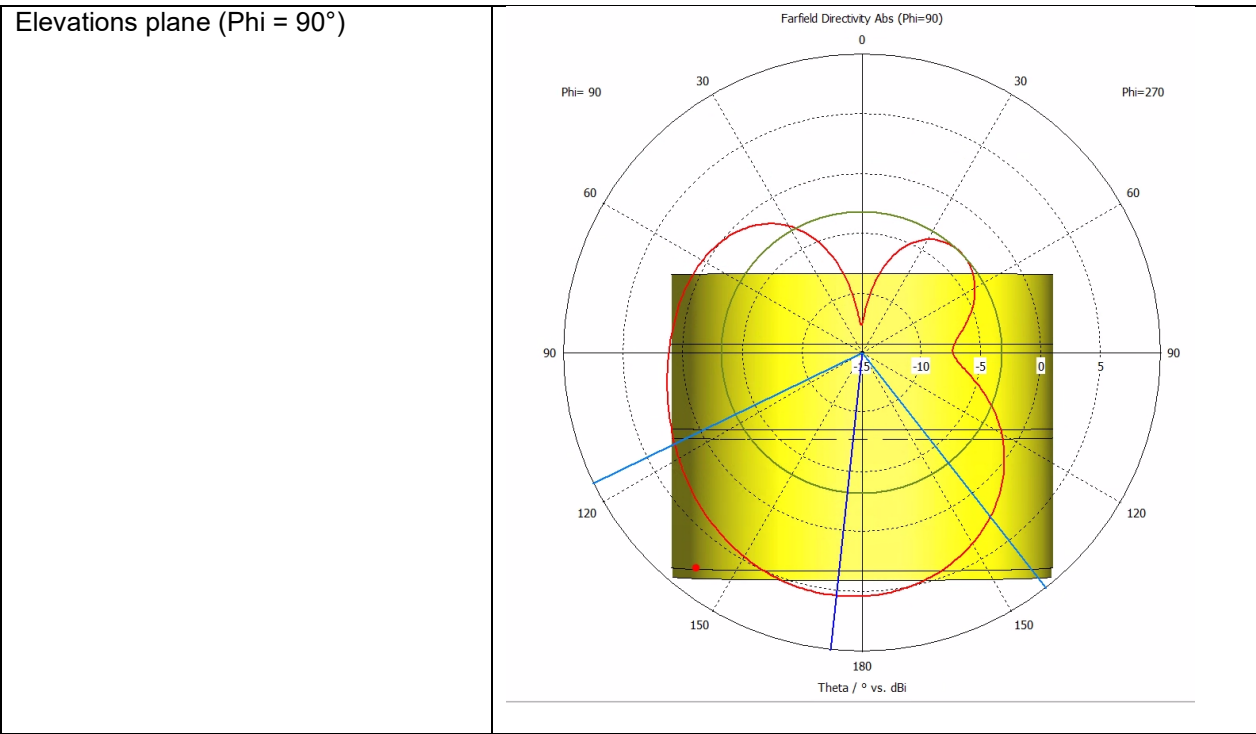
1 Simulation: Antenna Pattern

The values in the tables are all based on simulations.

1.1 Bluetooth antenna XCOMD “Display”

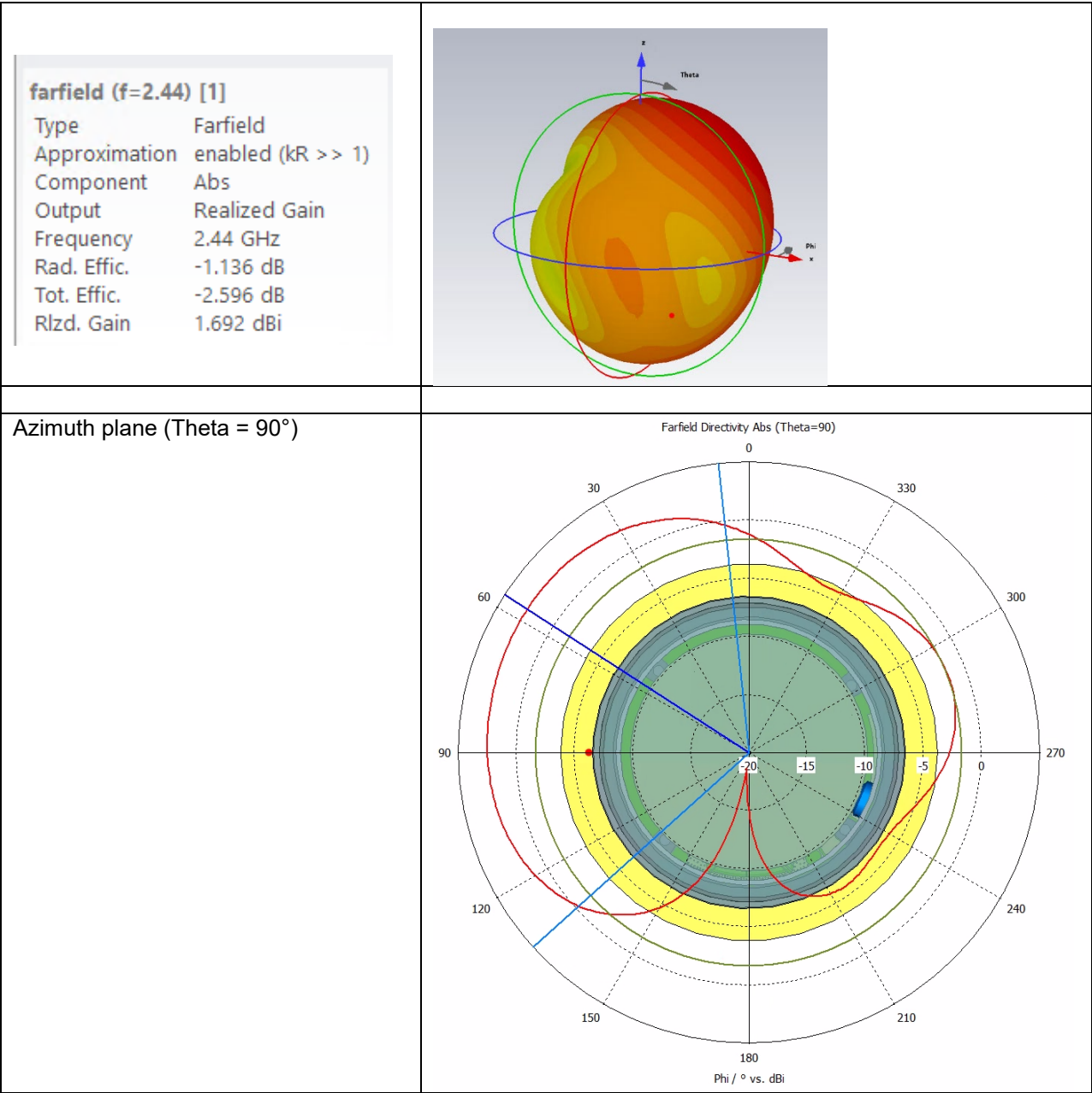
Radio module with display version: Gain: 2.4 dBi

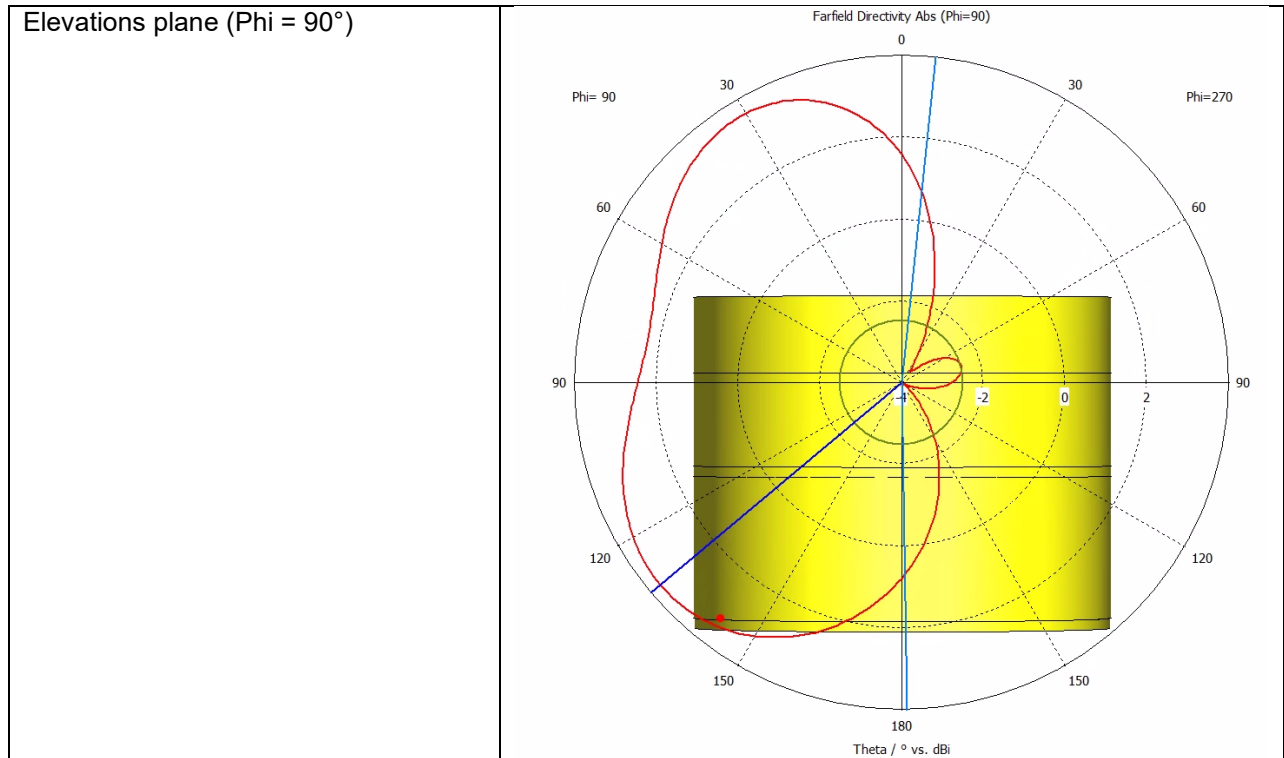




1.2 Bluetooth antenna (without display) XCOMS “Status” and XCOMB “Bluetooth”

Funkmodul mit Glasplatten-Variante: 1.7 dBi





2 Final Test results (lab: 7Layers)

Antenna gain (dBi):

XCOMD: 1.1 dBi
XCOMS : 3.4 dBi
XCOMB: 3.3 dBi

2.1 Bluetooth antenna XCOMD “Display”

For detailed information please have a look to the test report “MDE_VEGA_2502_OTA_01”.

2.2 Bluetooth antenna (without display) XCOMS “Status”

For detailed information please have a look to the test report “MDE_VEGA_2502_OTA_02”.

2.3 Bluetooth antenna (without display) XCOMB “Bluetooth”

For detailed information please have a look to the test report “MDE_VEGA_2502_OTA_03”.