



Our excellent theoretical understanding together with experienced top industrial antenna design methods & tools enables you to benefit of cost-efficient solutions and faster time-to-market



ExcellAnt

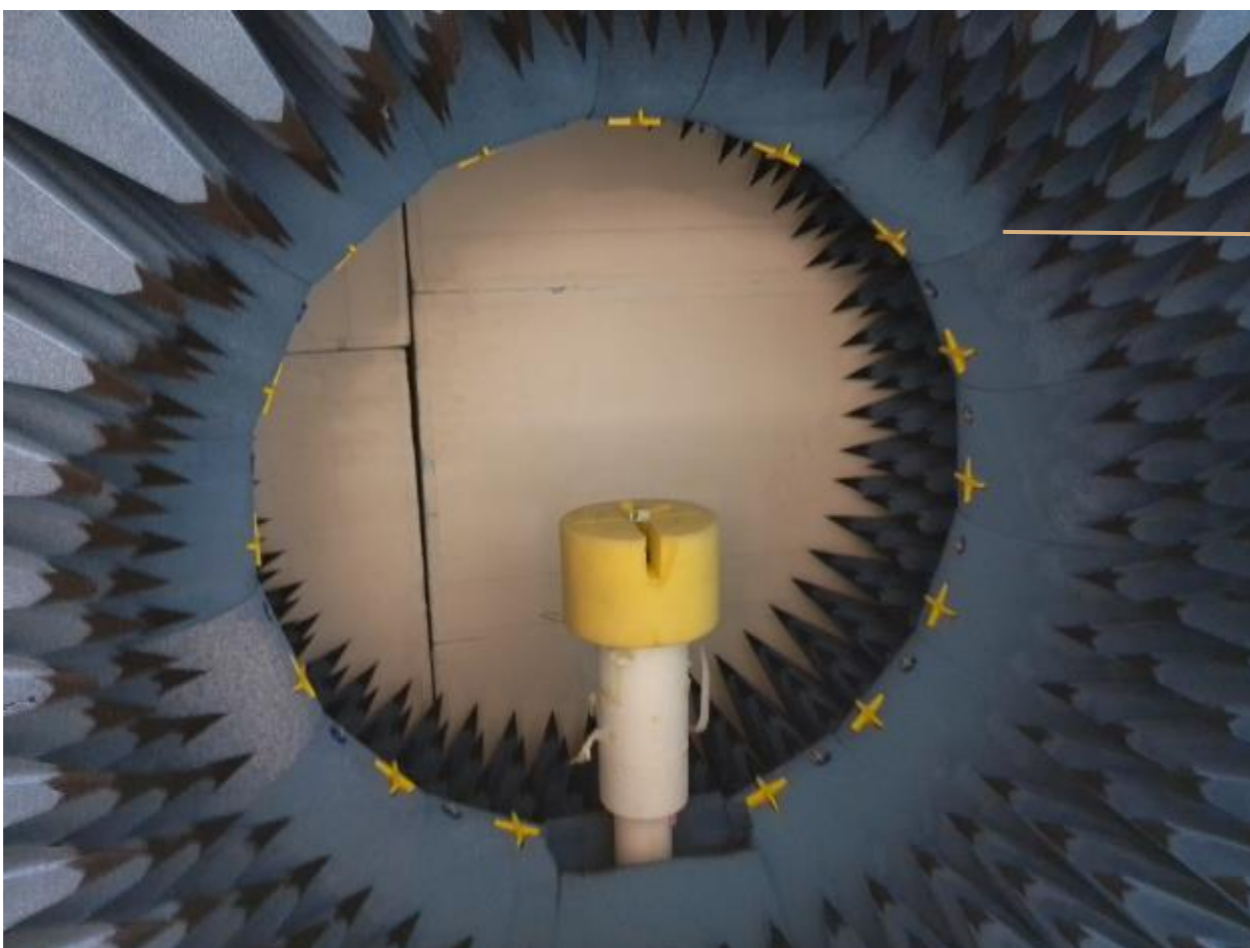
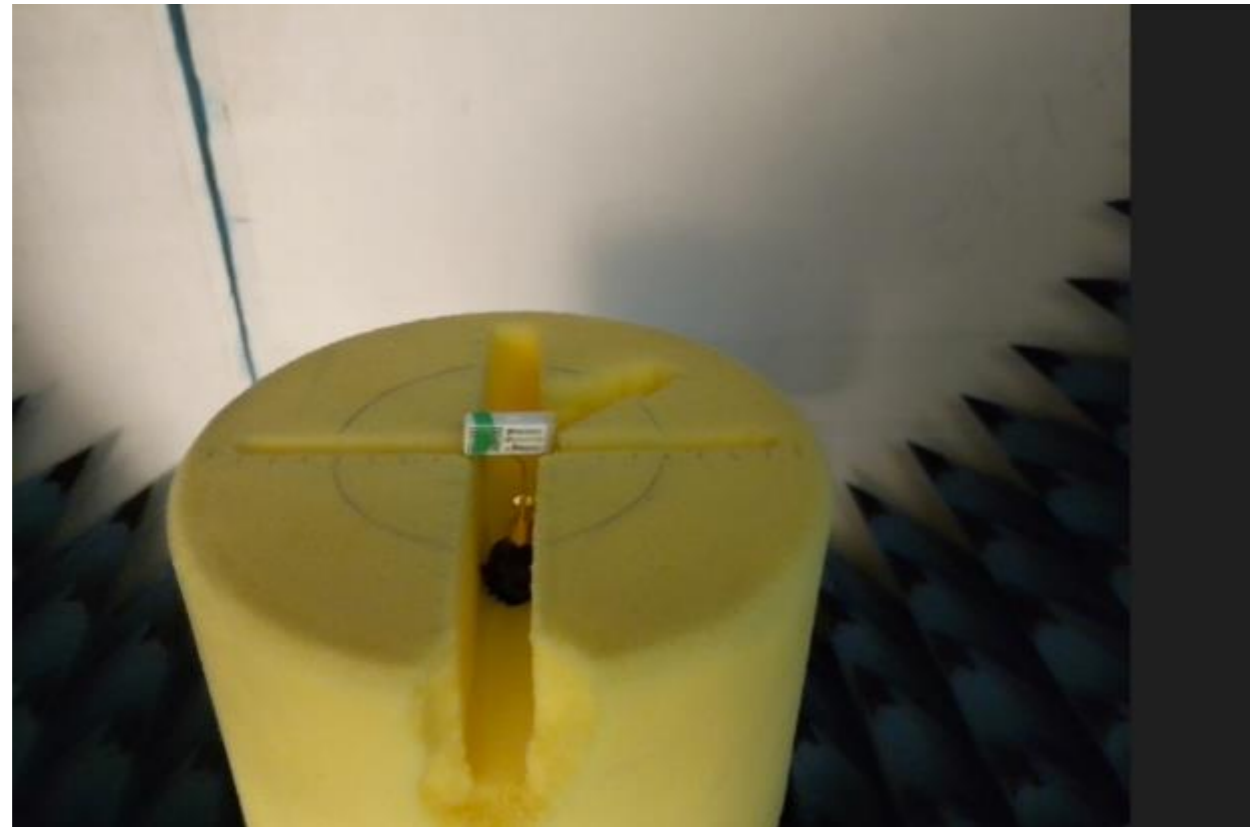
Innovative antenna system partner

Takki antenna measurement report in free space

28.9.2022
Mikko Linnanmäki

Measurement setup

Total efficiency and max gain measurement setup:



Anechoic chamber:
Satimo starlab

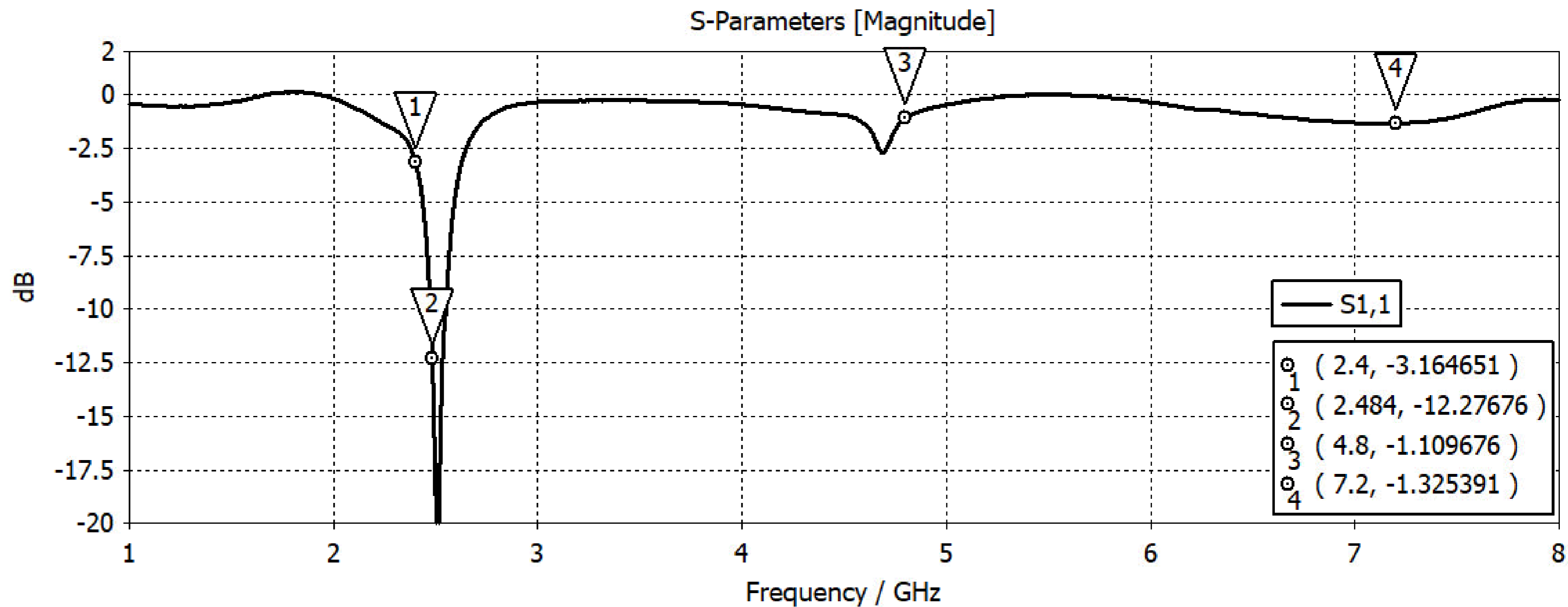
S11 measurement setup:



S11

Comments:

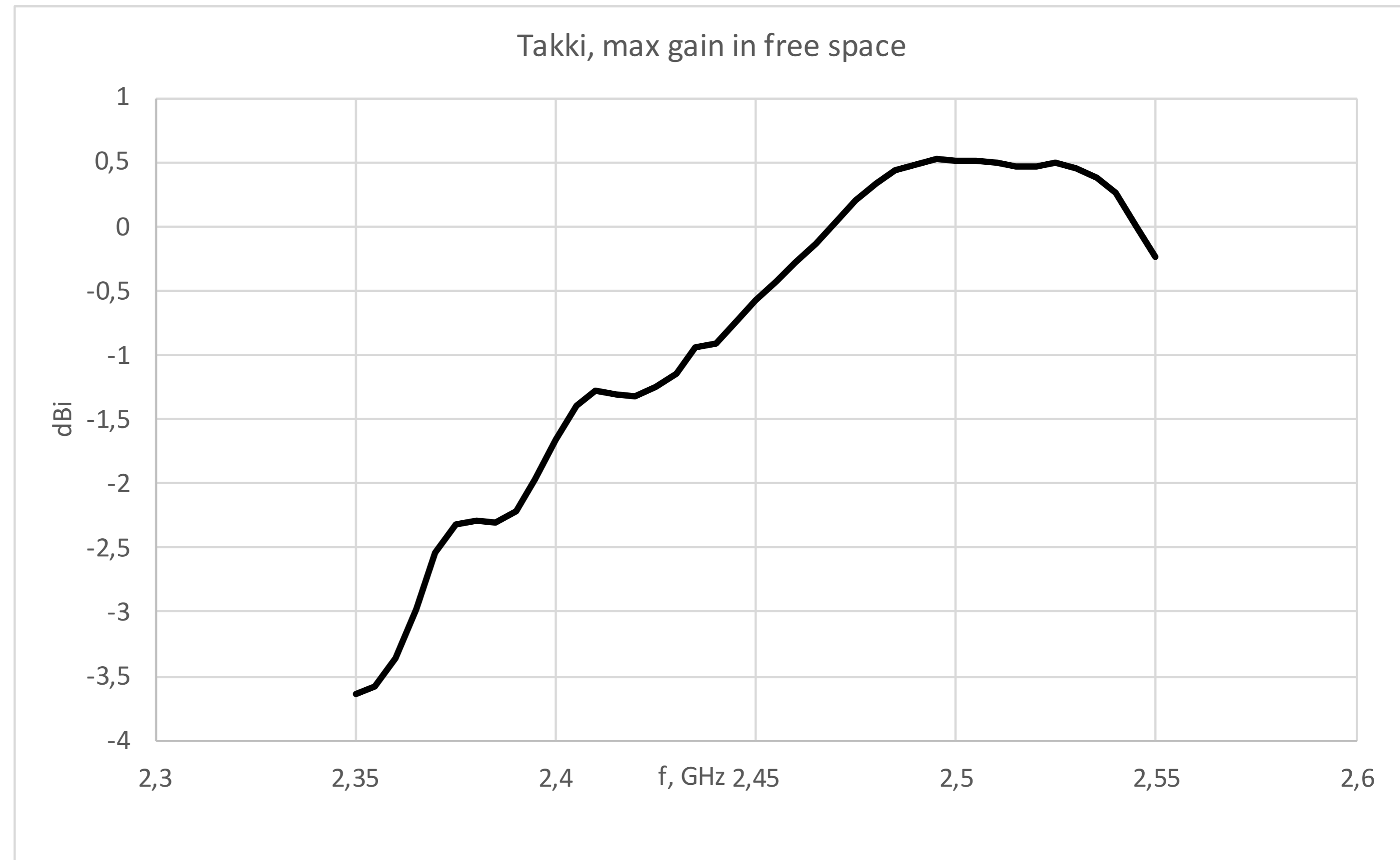
- S11 at BT 2.4 GHz band is -3.2 ... -12.3 dB



Max gain

Comments:

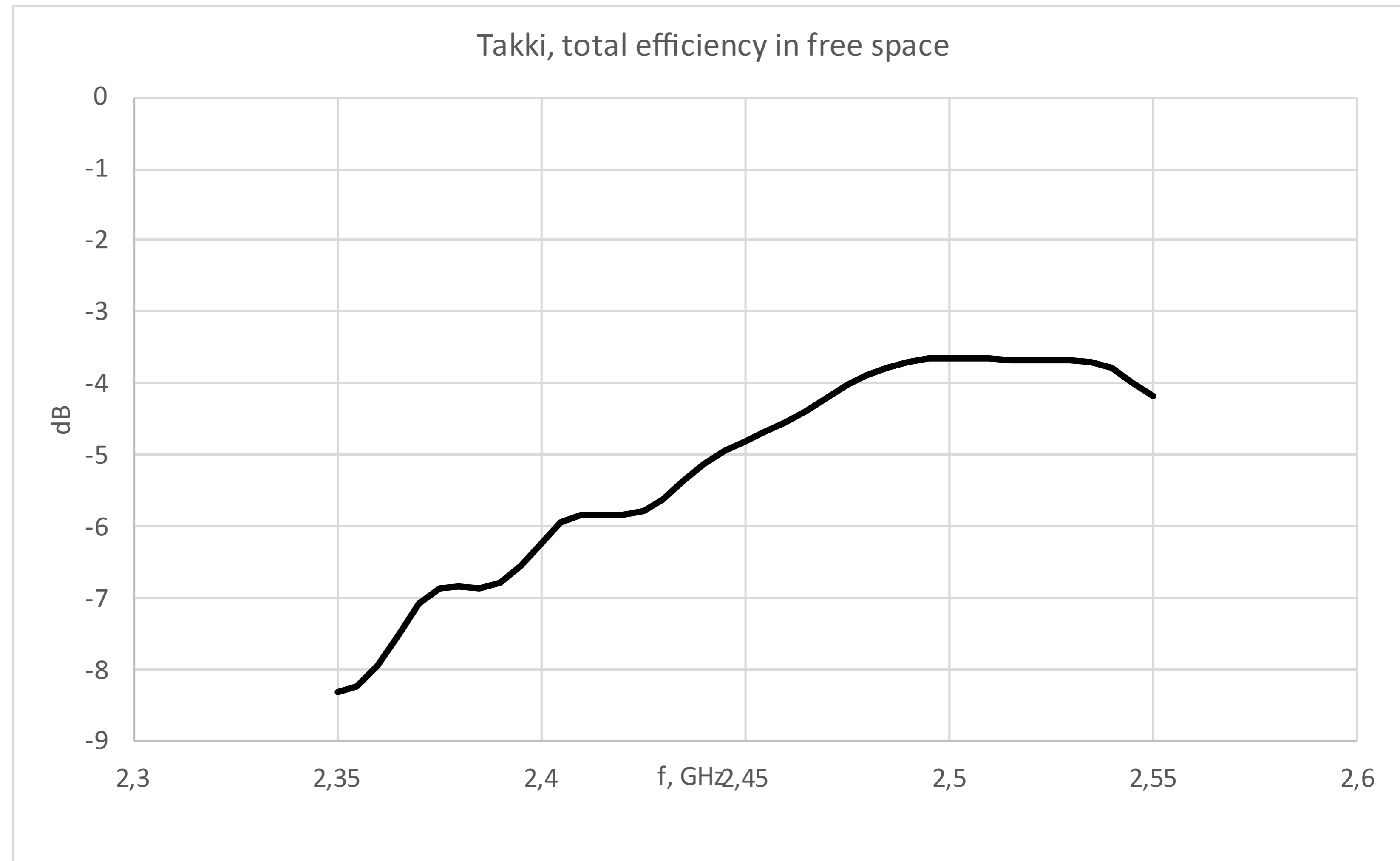
- Maximum gain at BT 2.4 GHz band is +0.4 dBi



Total efficiency

Comments:

- Total efficiency at BT 2.4 GHz band is -6.2...-3.8 dB



Radiation patterns

