

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

Timeless antenna measurement report

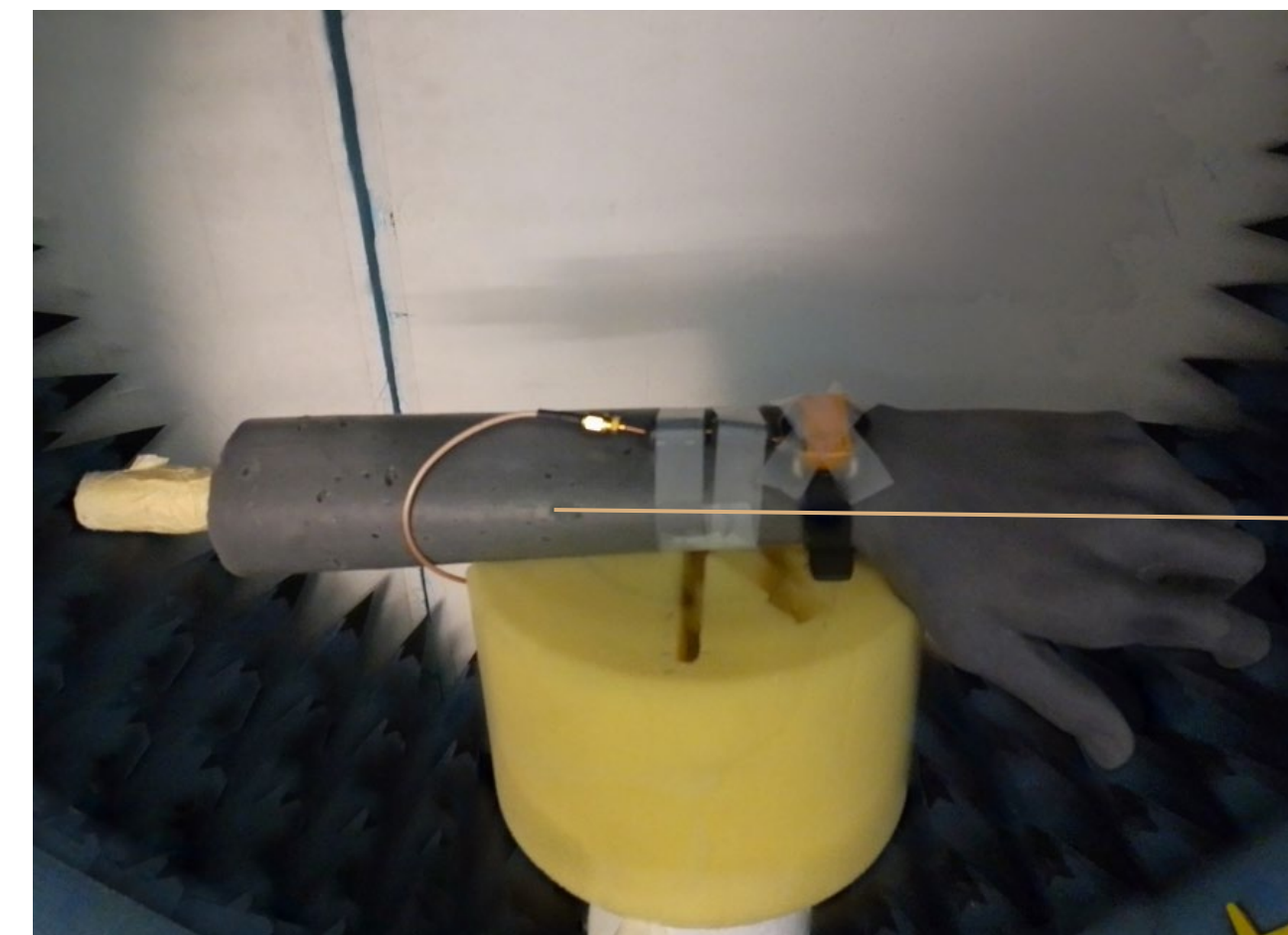
26.9.2022
Mikko Linnanmäki

Measurement setup

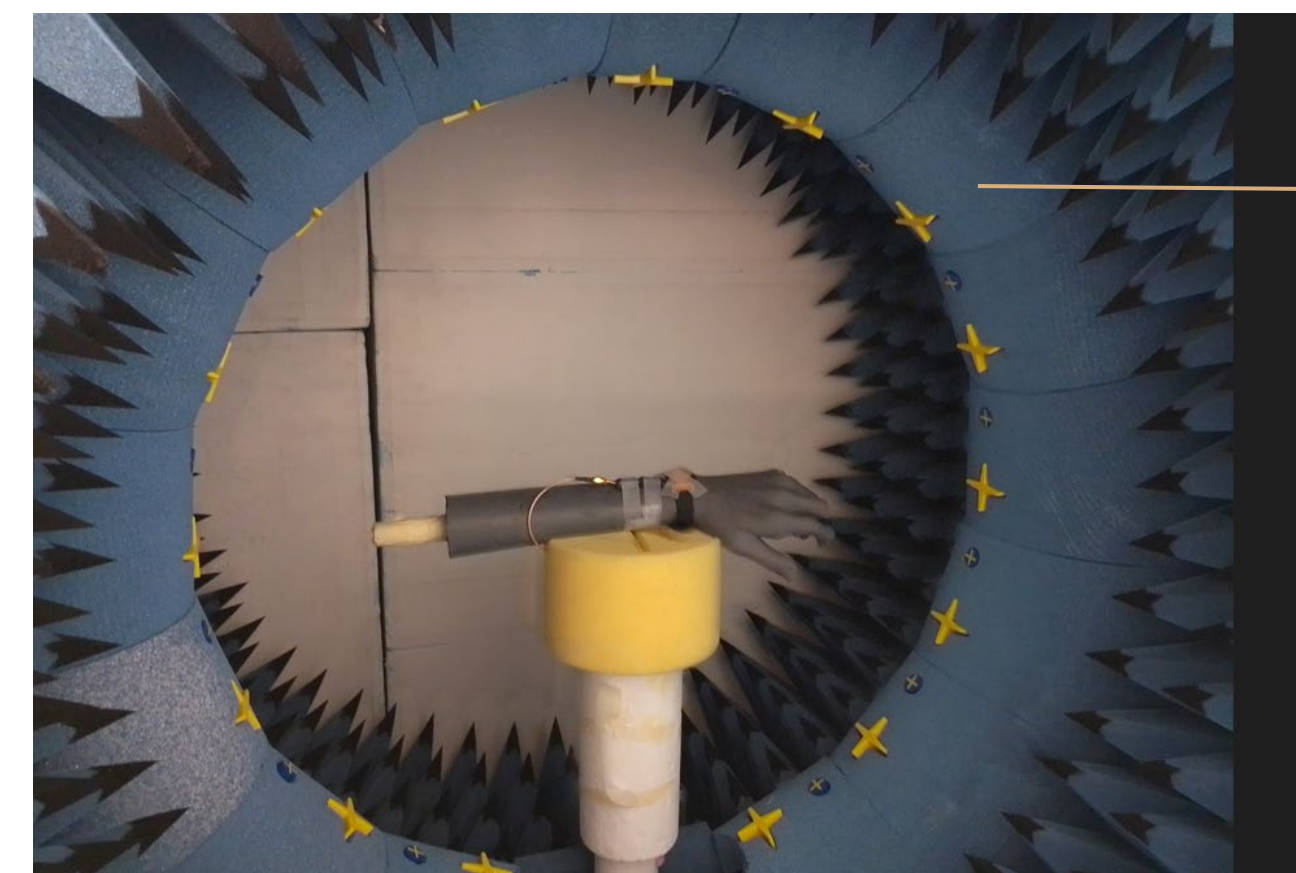
S11 measurement setup



Total efficiency and max gain measurement setup



Hand phantom:
IXB-060LFE/ Index SAR

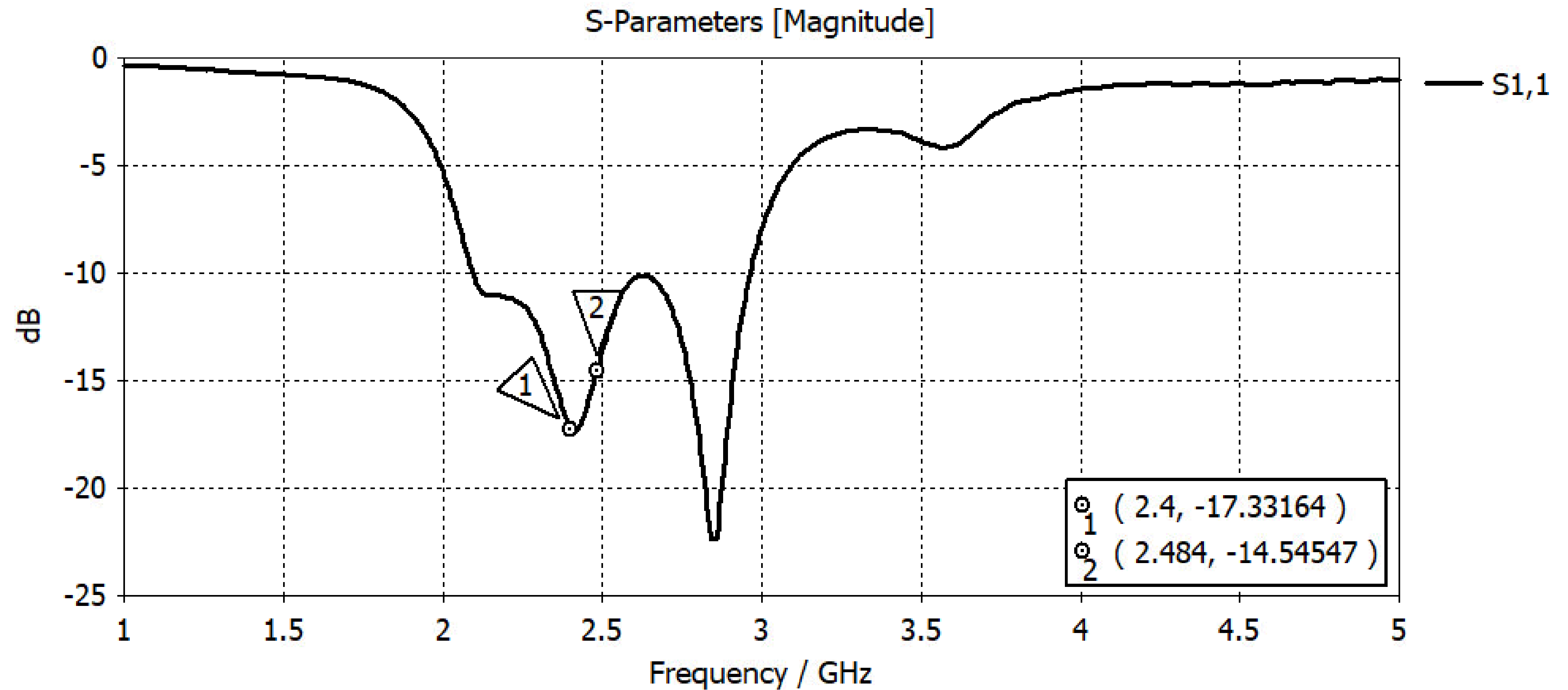


Anechoic chamber:
Satimo starlab

S11

Comments:

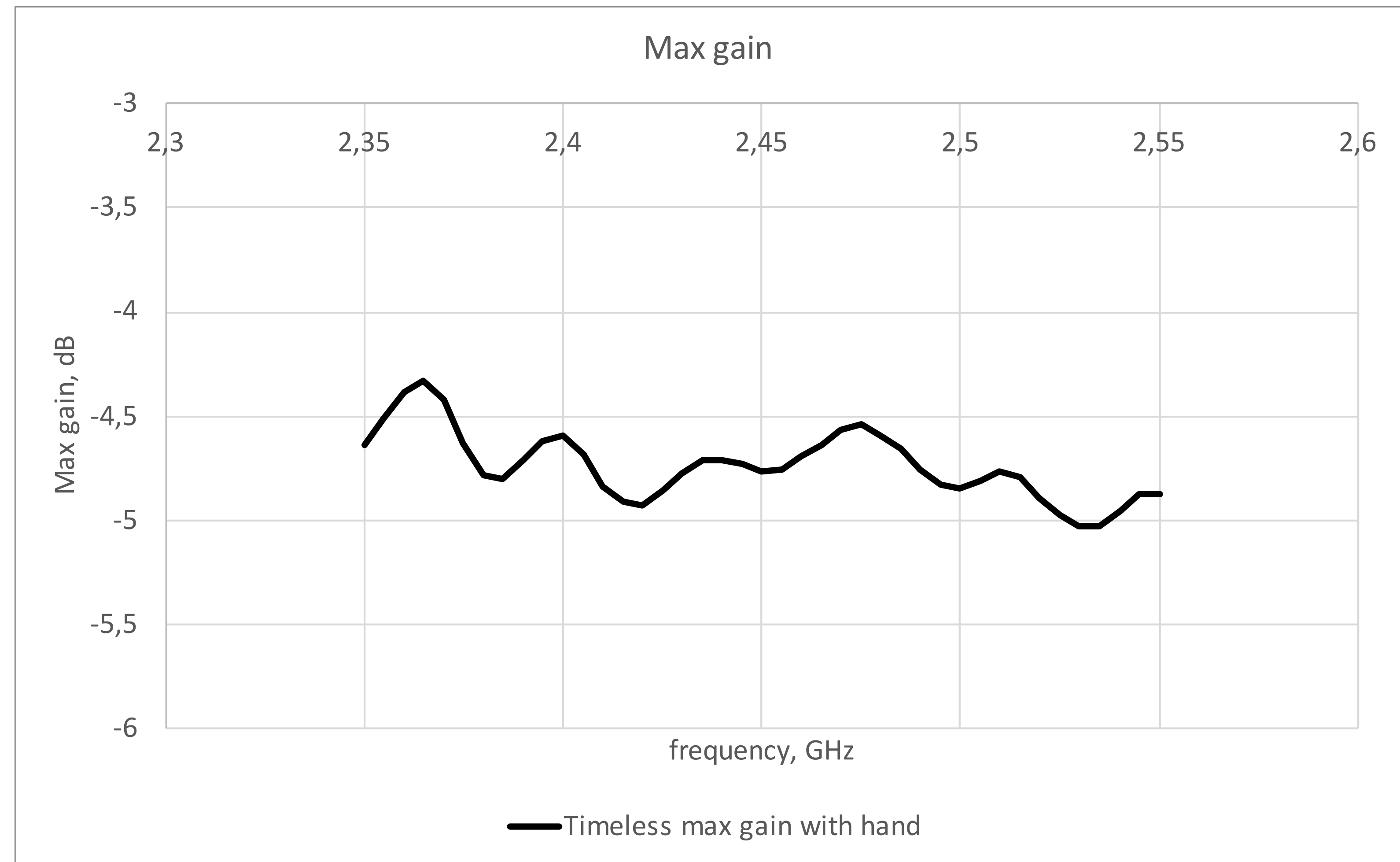
- S11 at BT 2.4 GHz band is -17.3 ... -14.5 dB



Max gain

Comments:

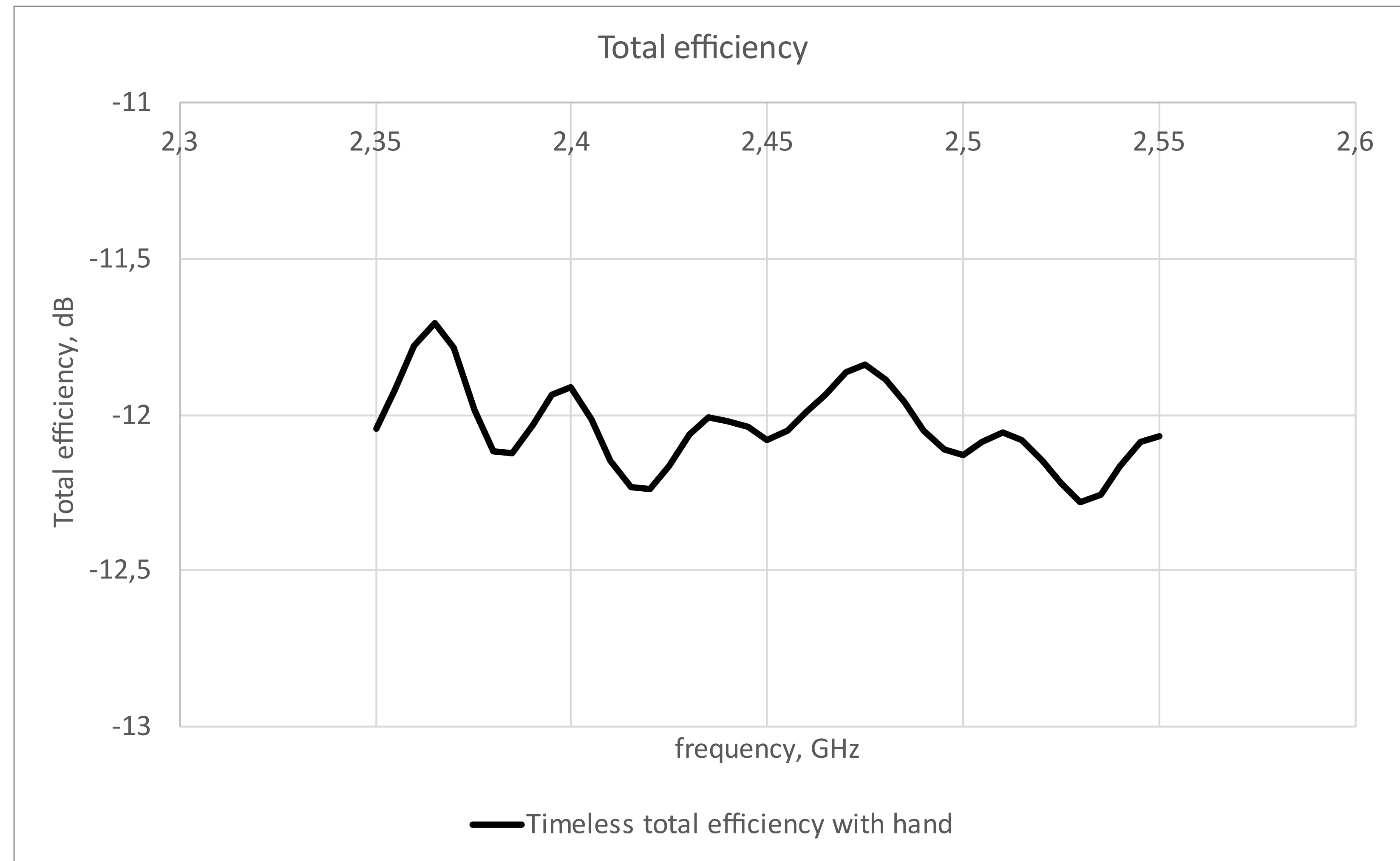
- Maximum gain at BT 2.4 GHz band is -4.5 dBi



Total efficiency

Comments:

- Total efficiency at BT 2.4 GHz band is -12.2...-11.8 dB



Radiation patterns

Comments:

S11 at BT 2.4 GHz band is
-17.3 ... -14.5 dB

