



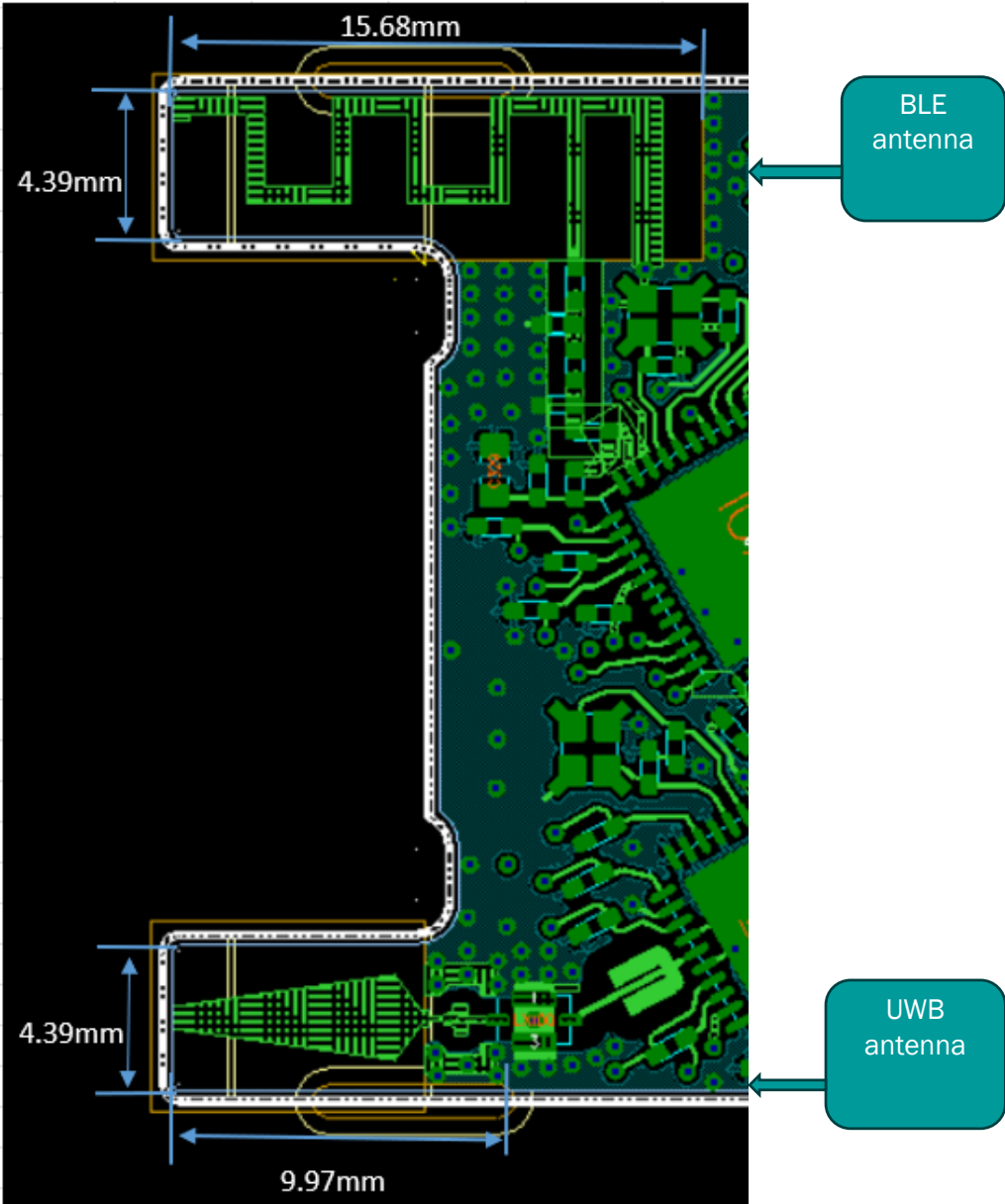
MARQUARDT

GK2A KEY FOR UWB ANTENNA SPECIFICATION

ANTENNA SPEC

Antenna Manufacturer: Marquardt GmbH
Manufacturer Address: Schloss-str.16,78604 Rietheim- Weilheim, German
Model: MQTUWBANT01

Applicant Information	
Frequency Range (MHz)	6.5~8GHz
VSWR	<2
Gain(dBi)	Channel5 :≤3.3 Channel 9: ≤3.2
Input impedance (Ω)	50
Connector Type	PCB
Antenna size	4.39*9.97MM
Polarization Type	Vertical

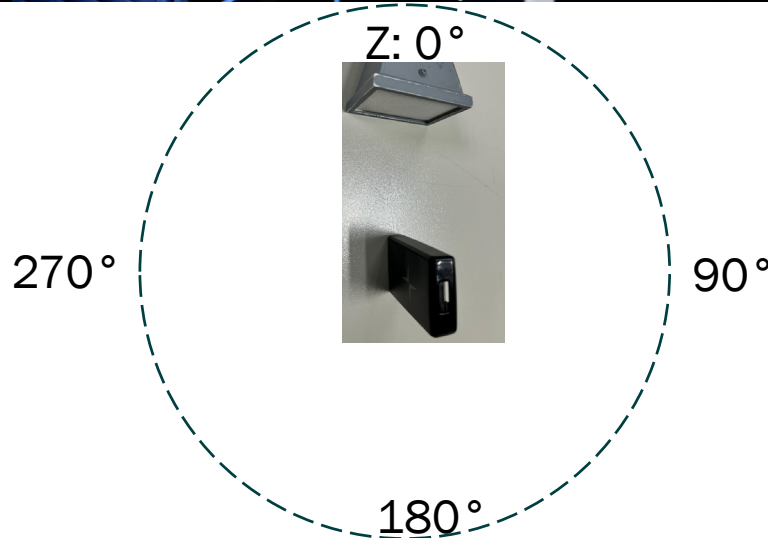
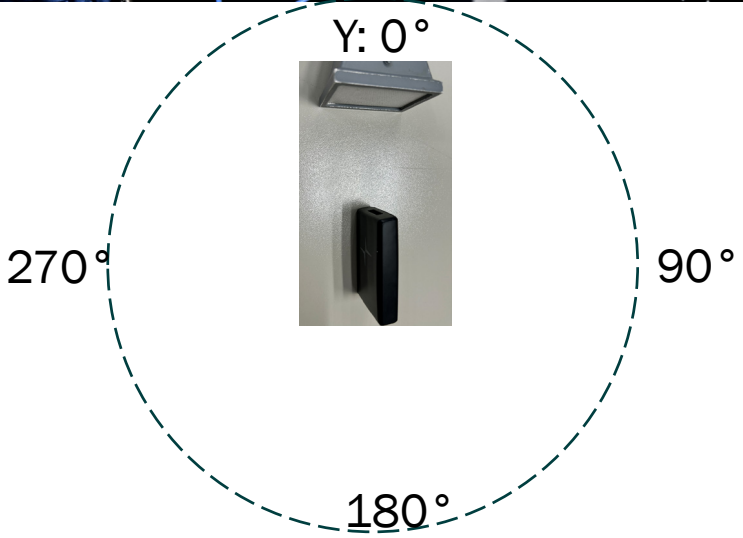
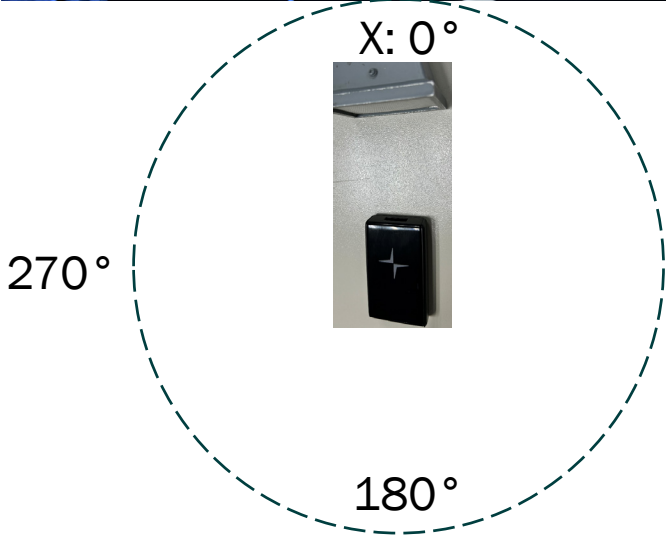
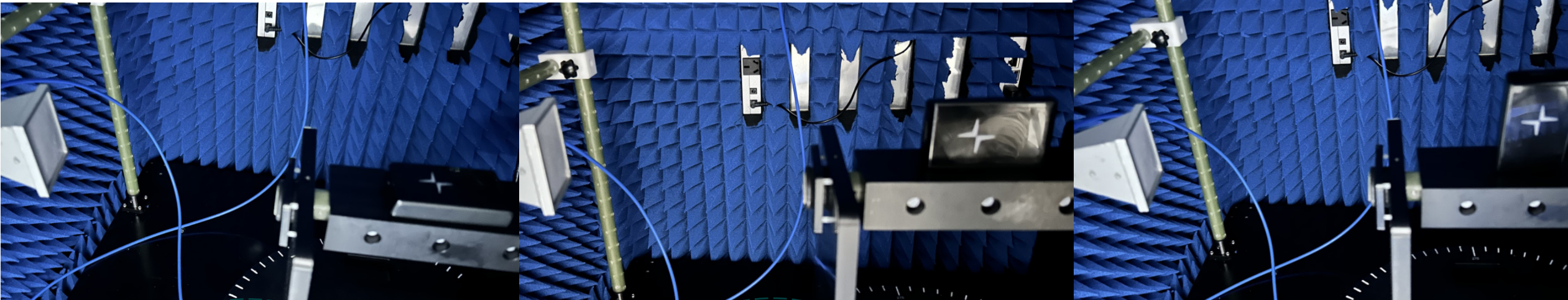


S11 MEASUREMENT



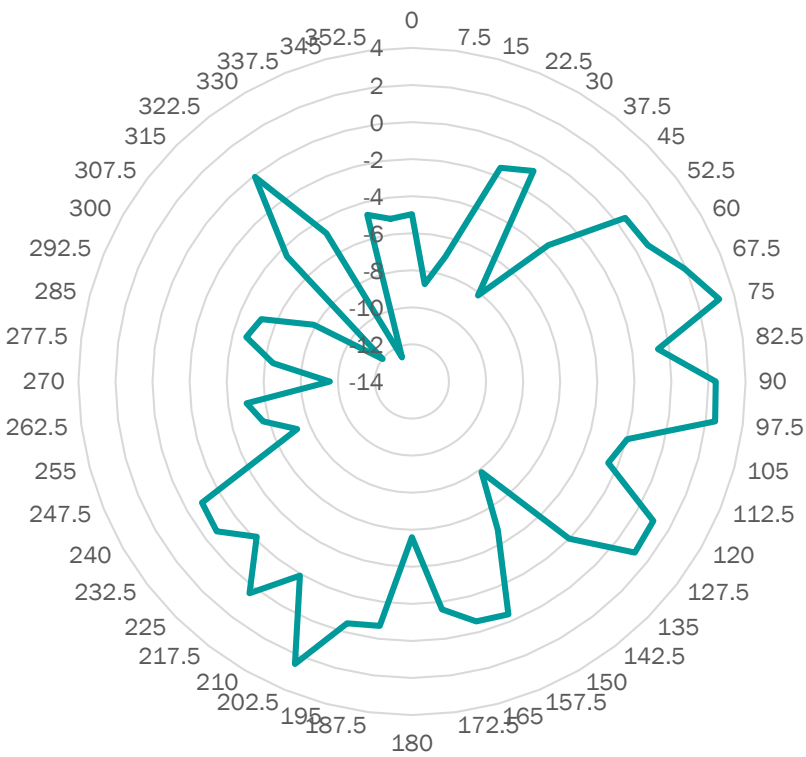
UWB

SAMPLE POSITION



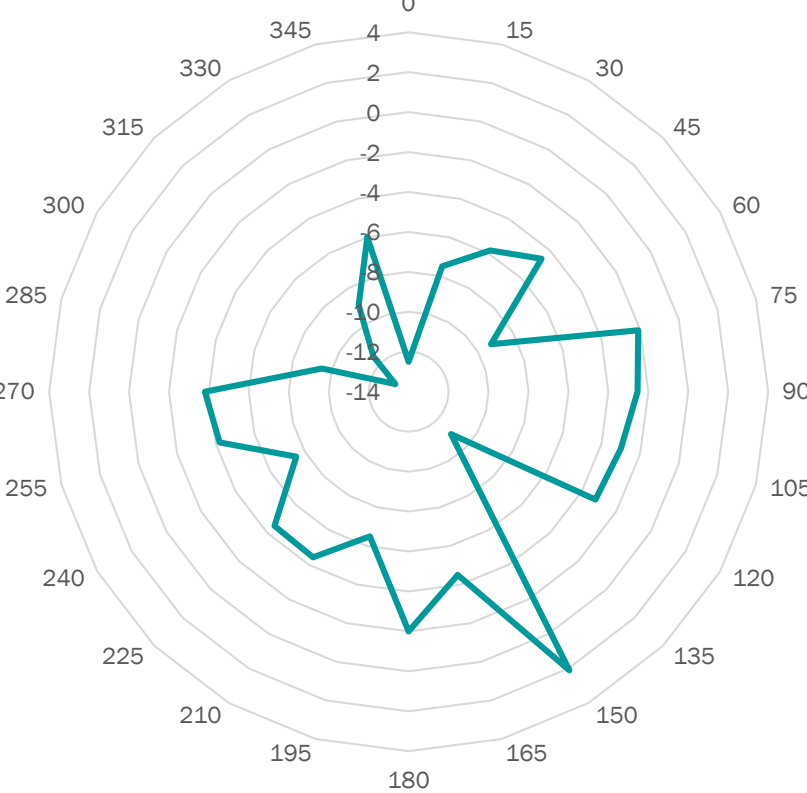
UWB GAIN

UWB_6.5G_X



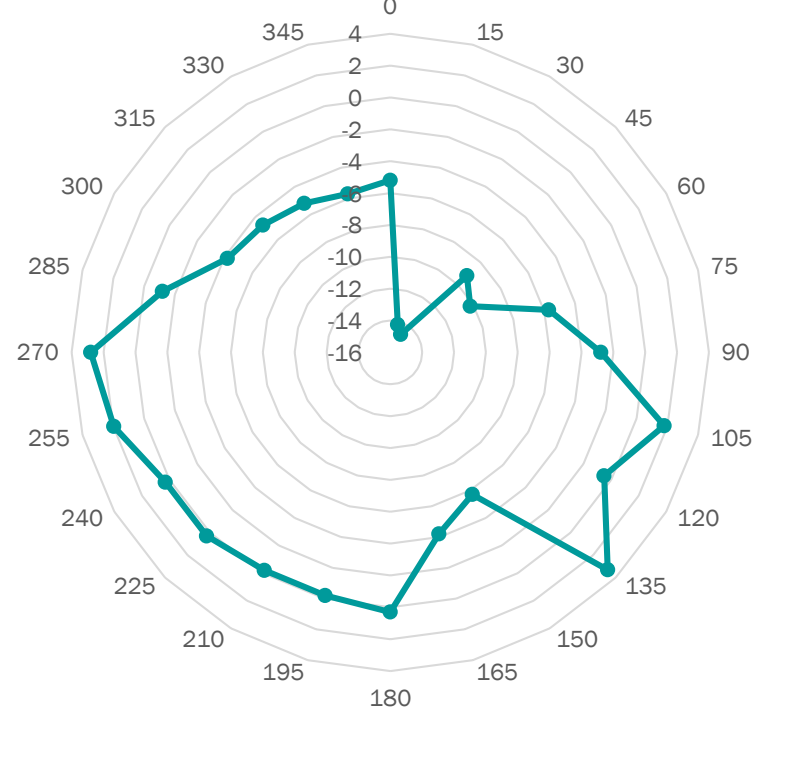
X: $\leq 2.1\text{dBi}$

UWB_6.5G_Y



Y: $\leq 2.5\text{dBi}$

UWB_6.5G_Z



Z: $\leq 3.3\text{dBi}$



MARQUARDT

THANK YOU FOR YOUR ATTENTION