



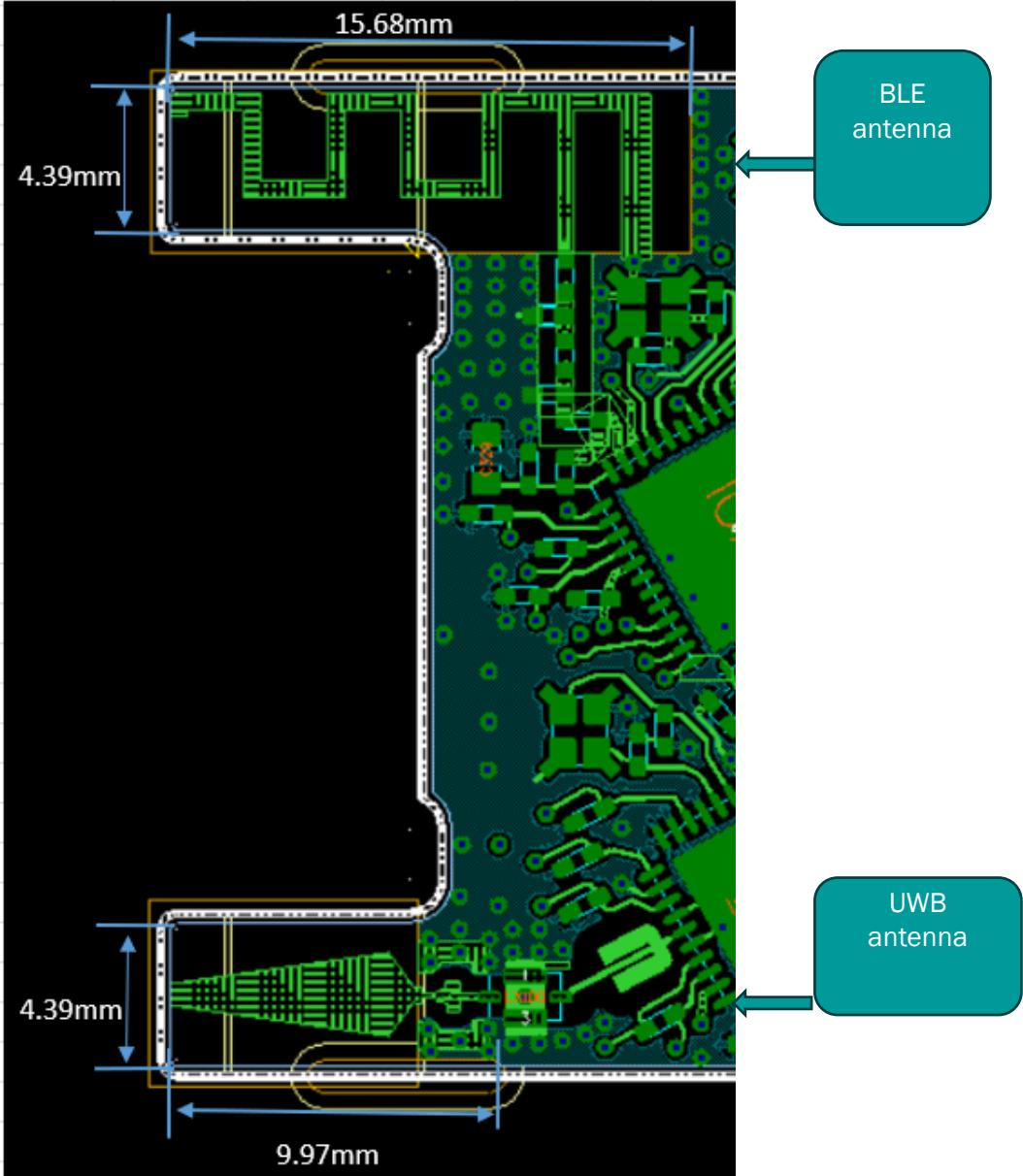
MARQUARDT

GK2A KEY FOR BLE ANTENNA SPECIFICATION

ANTENNA SPEC

ANTENNA MANUFACTURER: MARQUARDT GMBH
MANUFACTURER ADDRESS: SCHLOSS-STR.16,78604 RIETHEIM- WEILHEIM, GERMAN
MODEL: MQTBLEANT01

Applicant Information	
Frequency Range (MHz)	2.402~2.48GHz
VSWR	<2
Gain(dBi)	≤2.2
Input impedance (Ω)	50
Connector Type	PCB
Antenna size	15.68*4.39MM
Polarization Type	Vertical

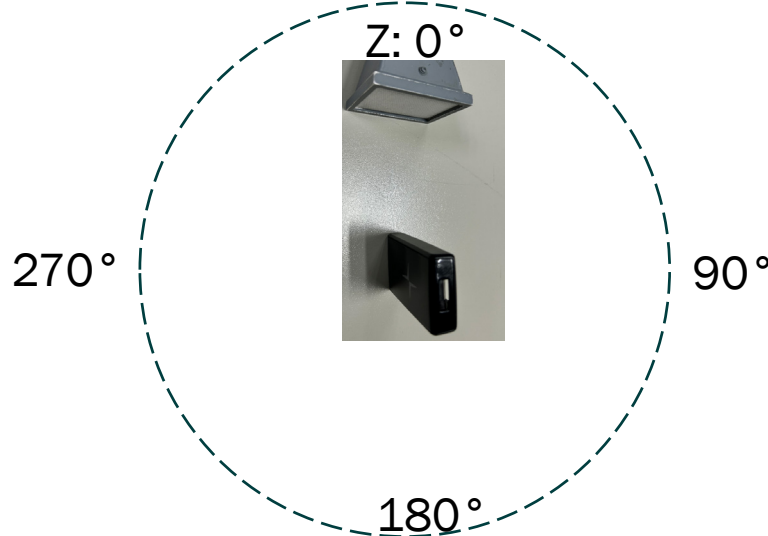
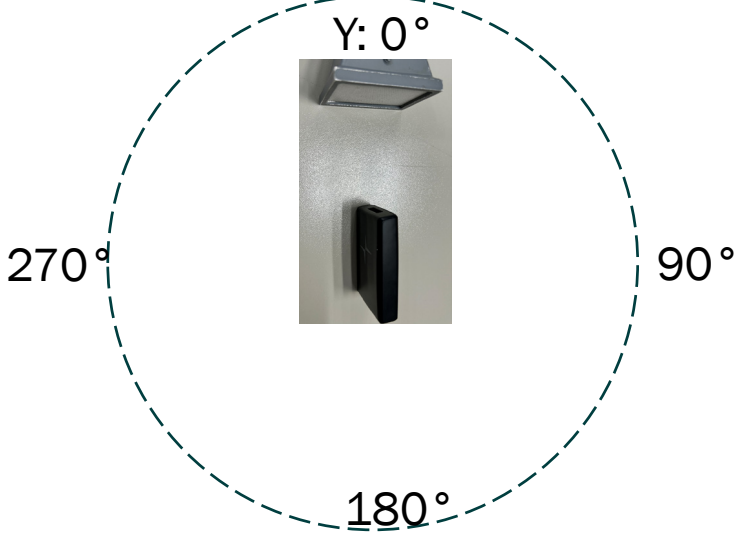
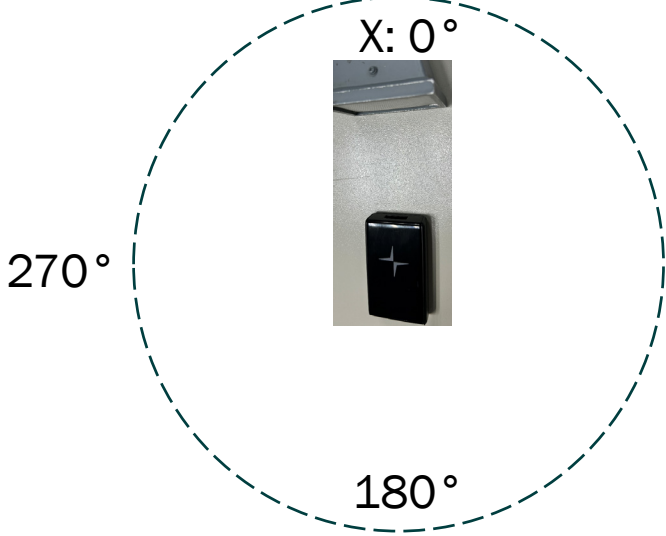
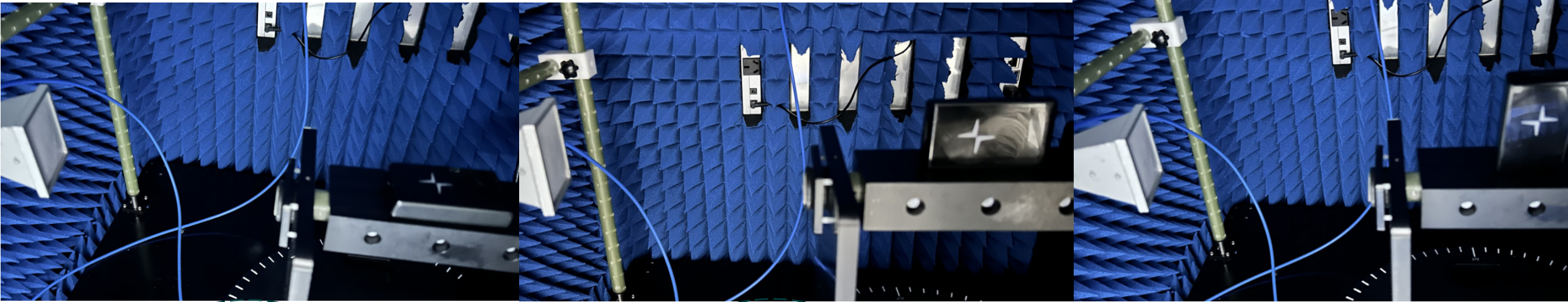


S11 MEASUREMENT

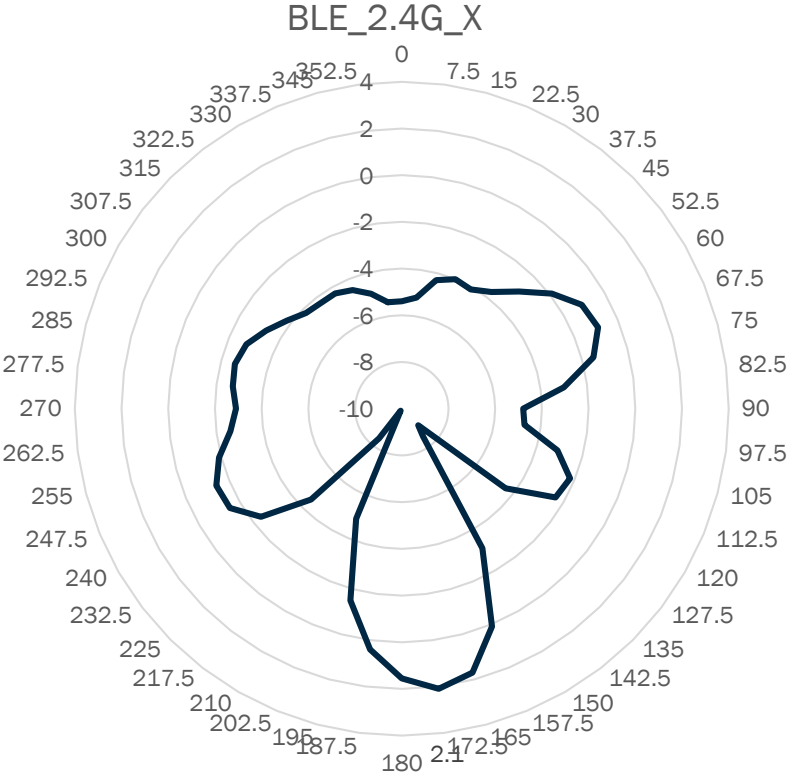


BLE

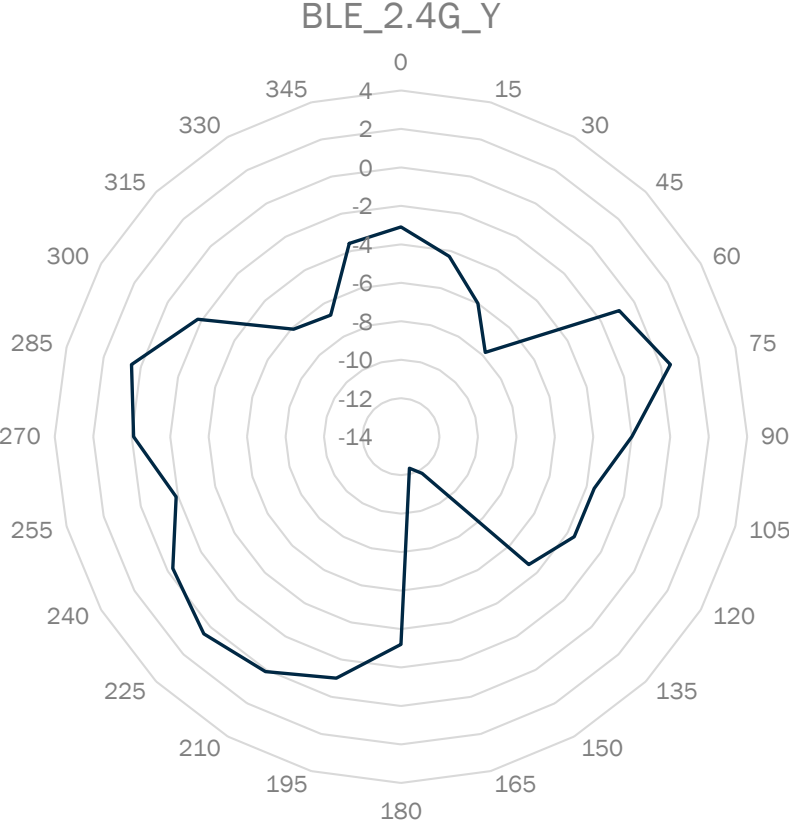
SAMPLE POSITION



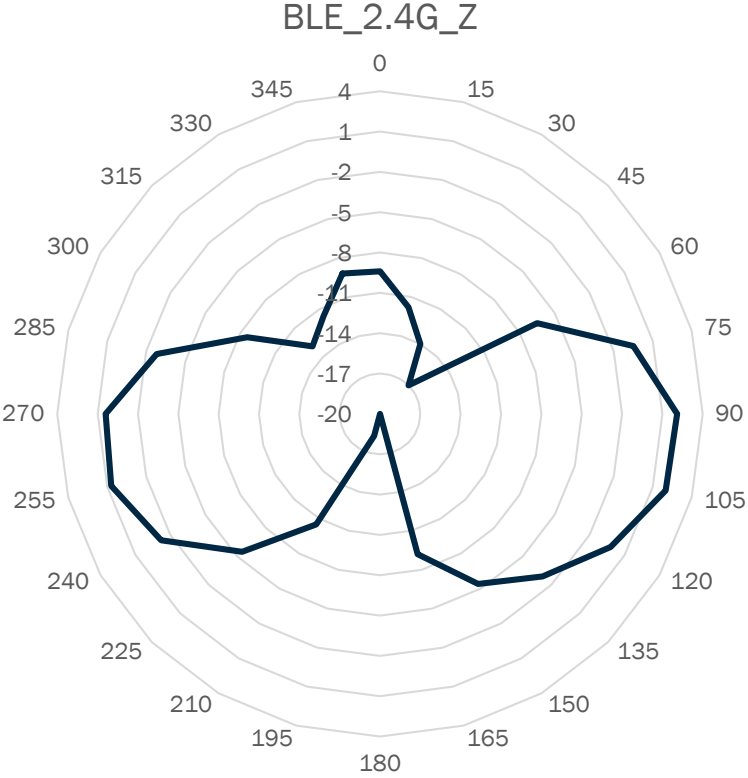
BLE GAIN



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



Y : $\leq 0.5\text{dBi}$



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



MARQUARDT

THANK YOU FOR YOUR ATTENTION