



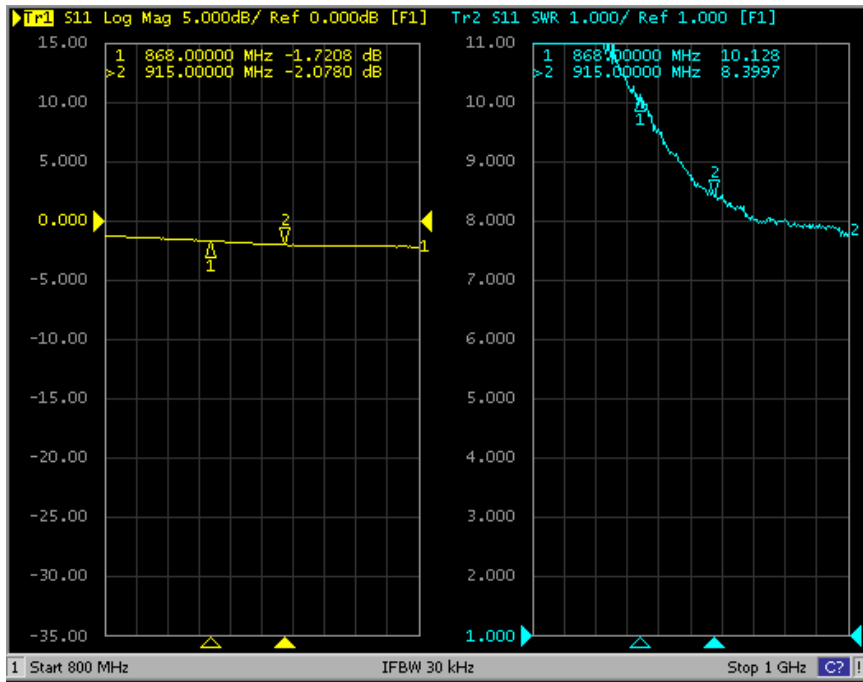
雲創 Lora Antenna 【ARK2-2.2】 Project

Date 2024/12/16

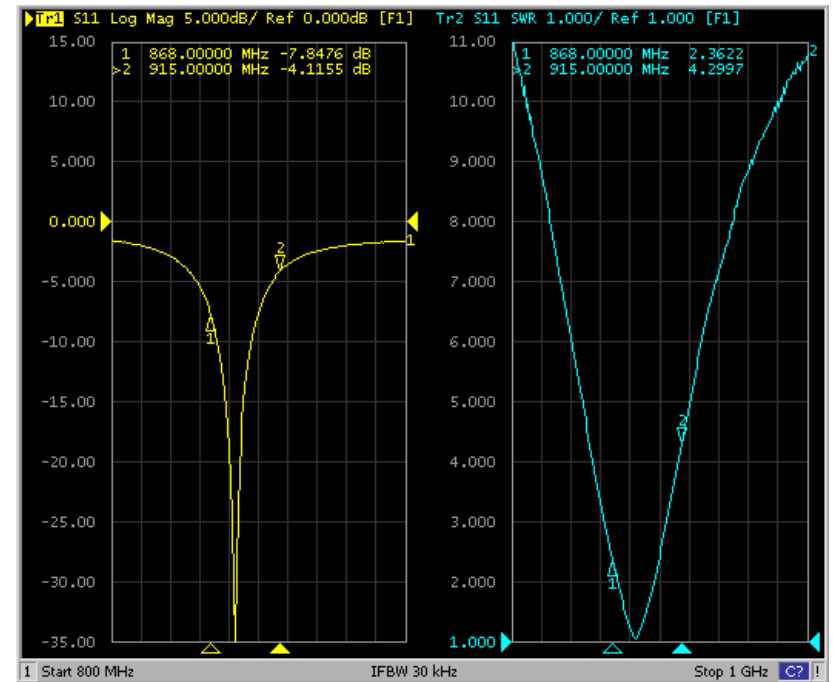
Author Nick



Antenna S11

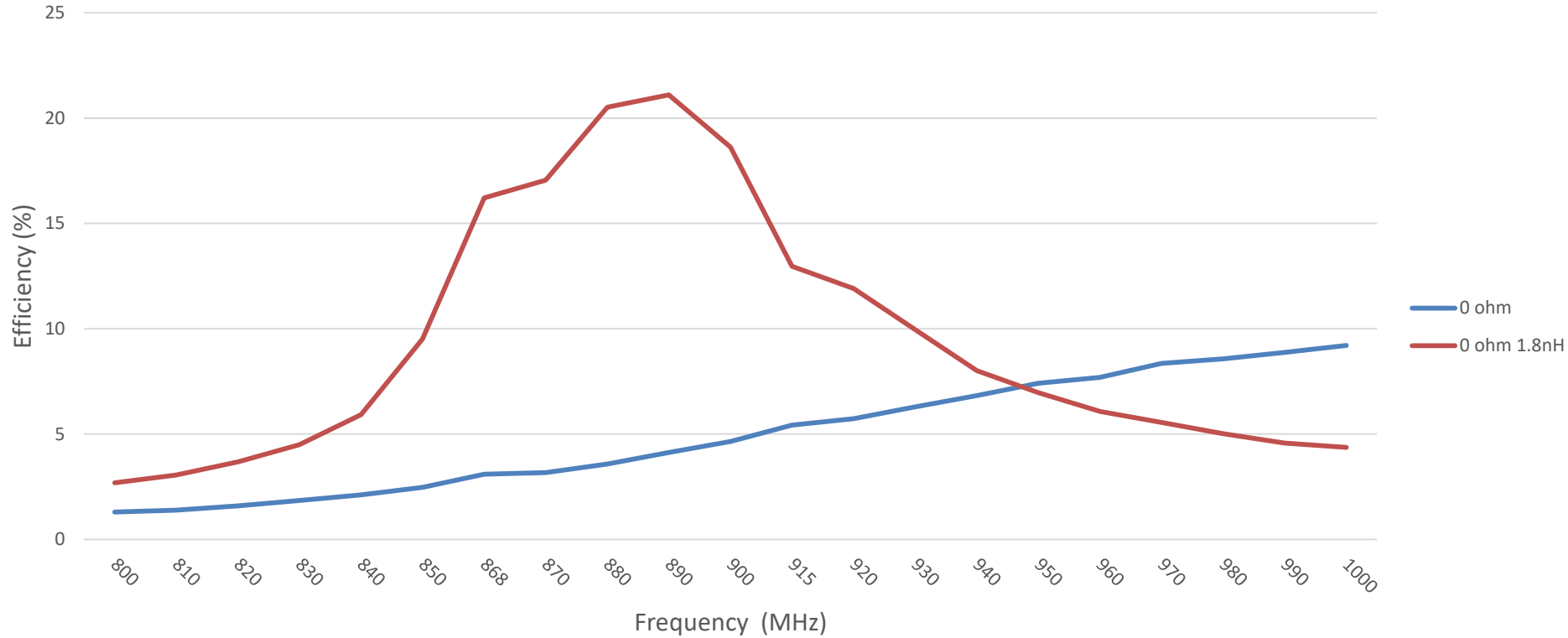


0ohm



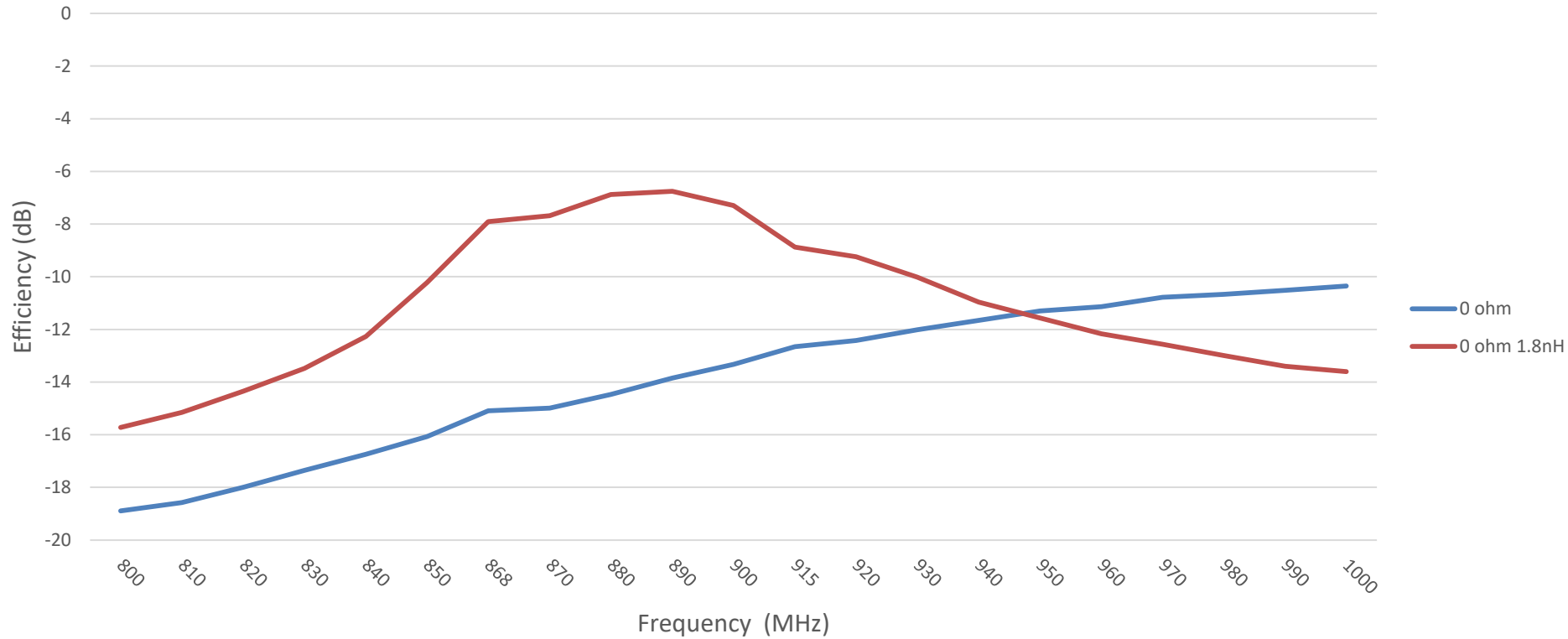
0ohm 1.8nH

Antenna Efficiency



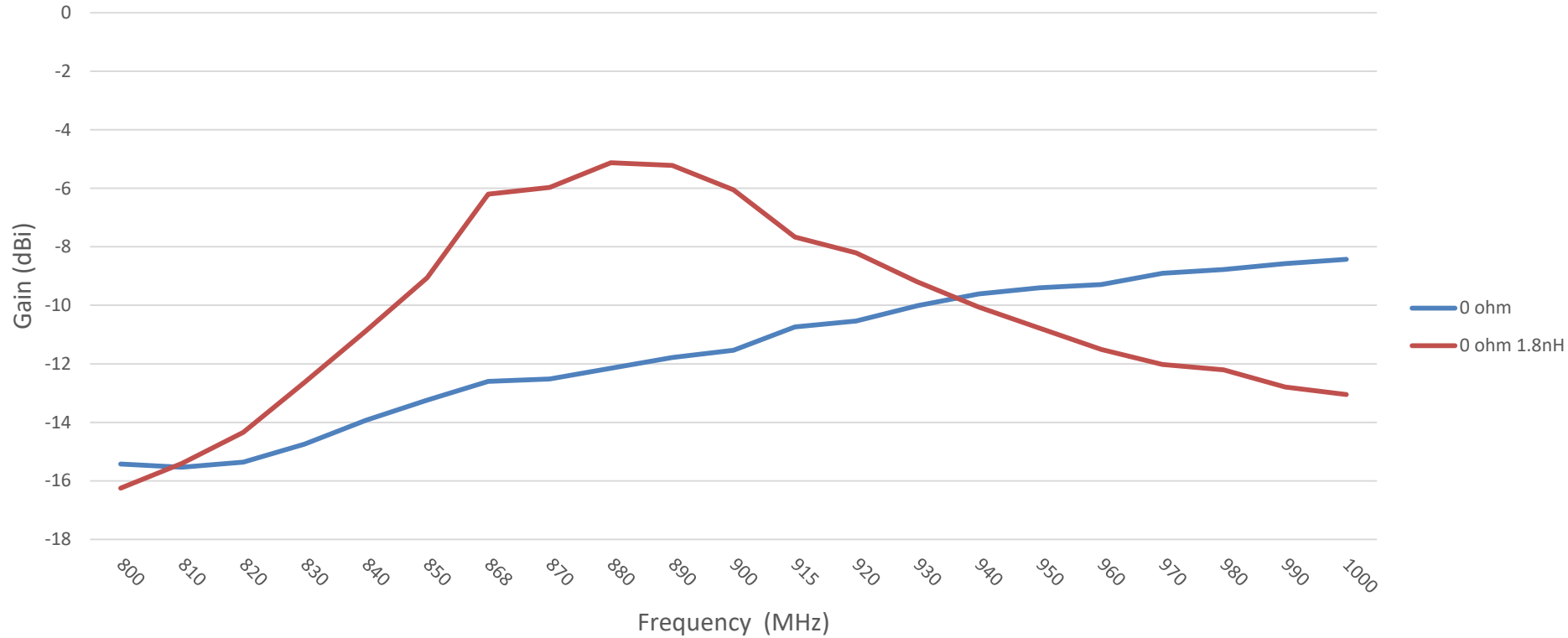
Frequency (MHz)	868	915
0 ohm	3.09	5.42
0ohm 1.8nH	16.2	12.96

Antenna Average Gain



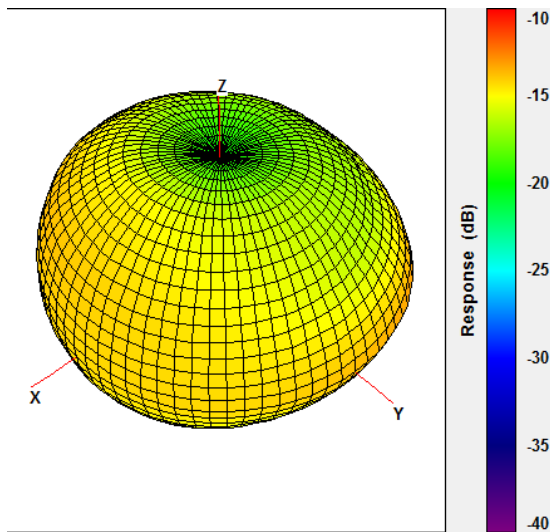
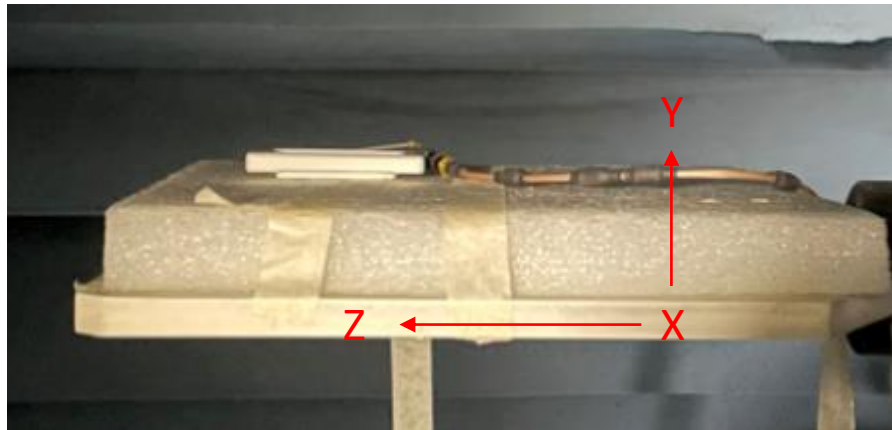
Frequency (MHz)	868	915
0 ohm	-15.09	-12.65
0ohm 1.8nH	-7.9	-8.87

Antenna Peak Gain

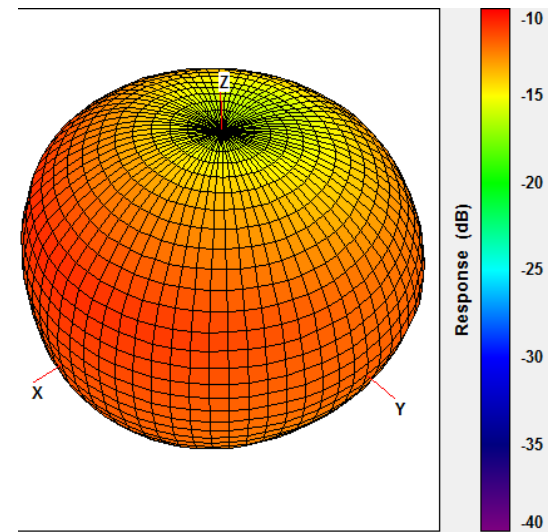


Frequency (MHz)	868	915
0 ohm	-12.6	-10.73
0ohm 1.8nH	-6.19	-7.66

Antenna 3D Pattern(0 ohm)

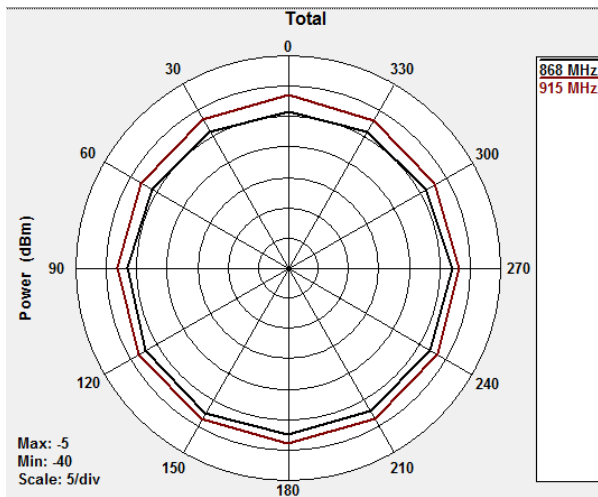
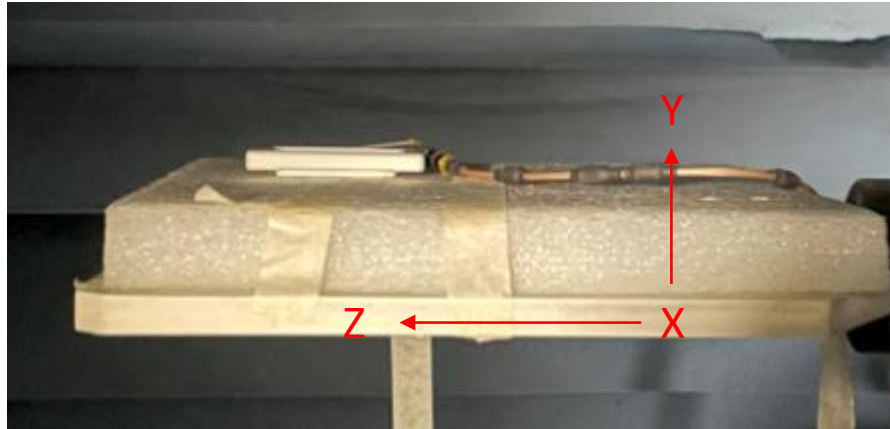


868MHz

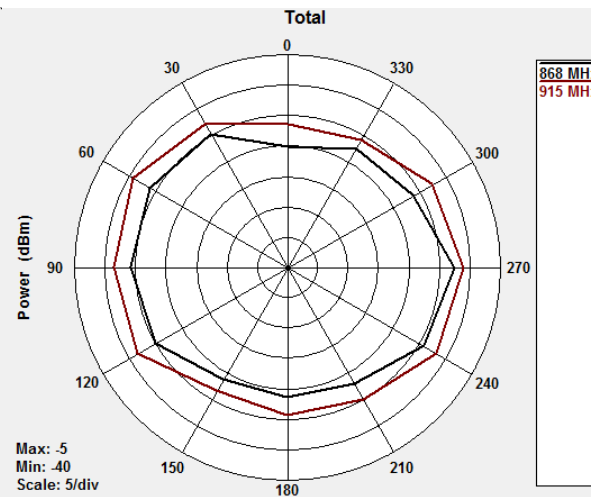


915MHz

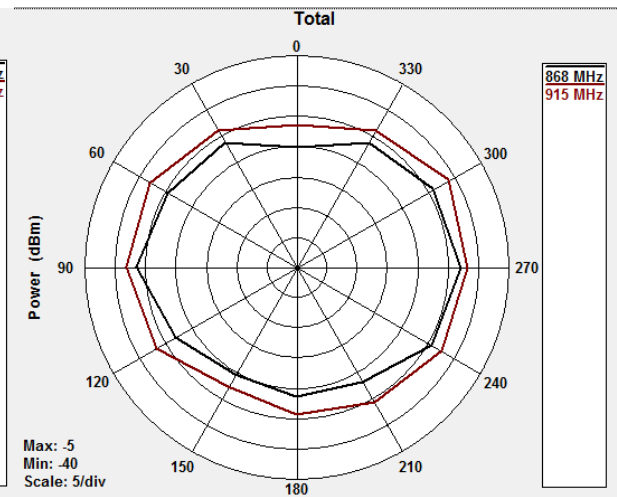
Antenna 2D Pattern(0 ohm)



XY-Plane

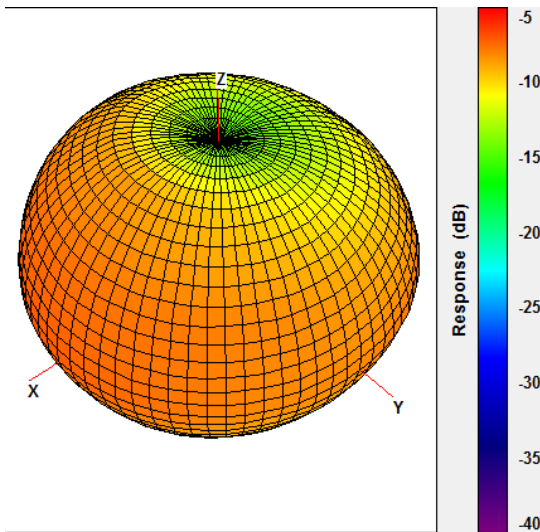
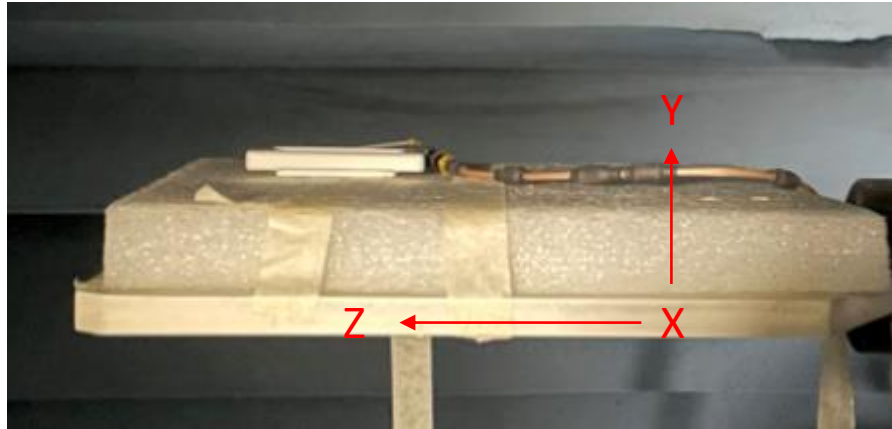


XZ-Plane

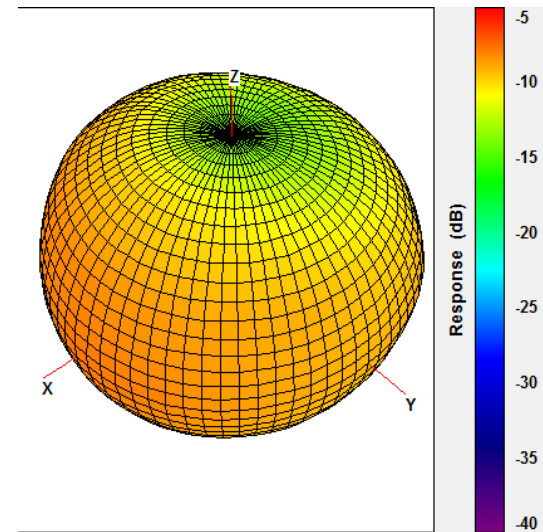


YZ-Plane

Antenna 3D Pattern(0 ohm 1.8nH)

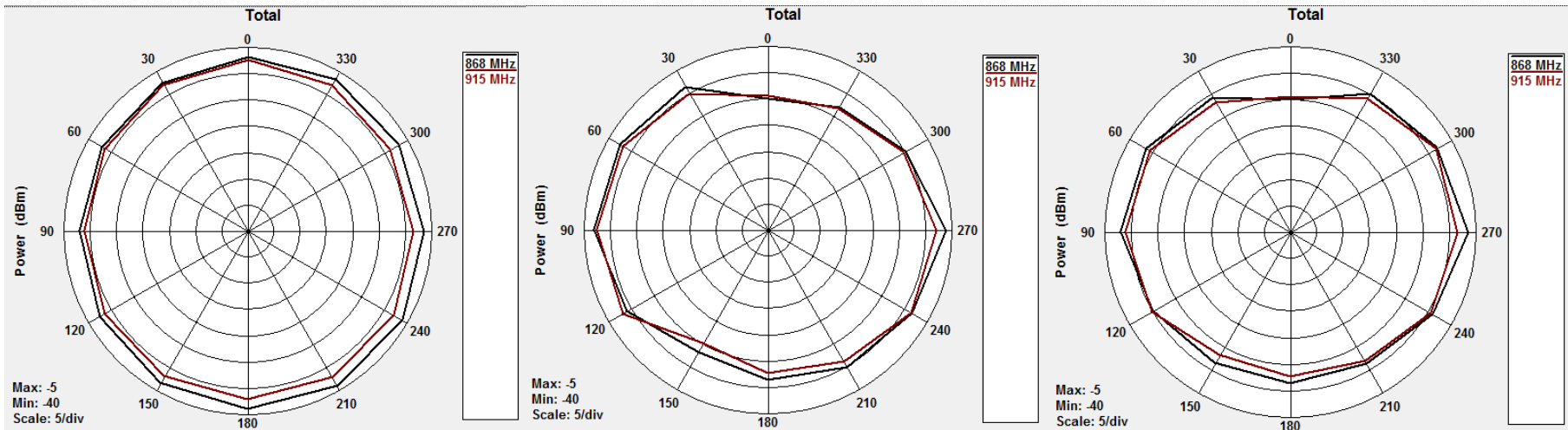
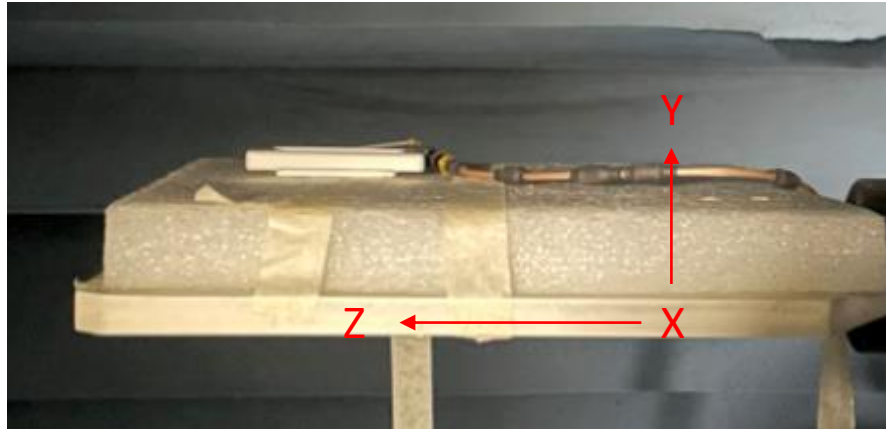


868MHz



915MHz

Antenna 2D Pattern(0 ohm 1.8nH)



XY-Plane

XZ-Plane

YZ-Plane

Matching

