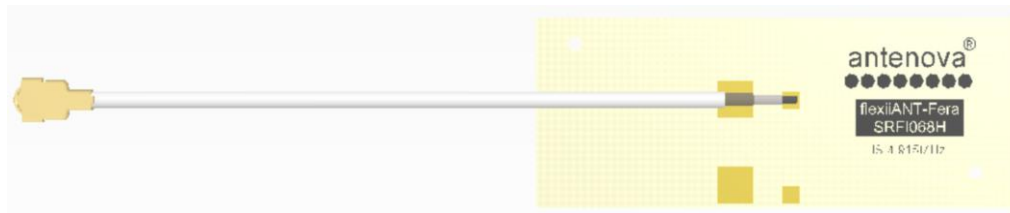


SRFI068H-100 / SRFI068V-100 Antenna Test Report

SRFI068H-100



SRFI068V-100



Equipment used

Return loss/Isolation



Agilent E5071C (9KHz-8.5GHz) ENA

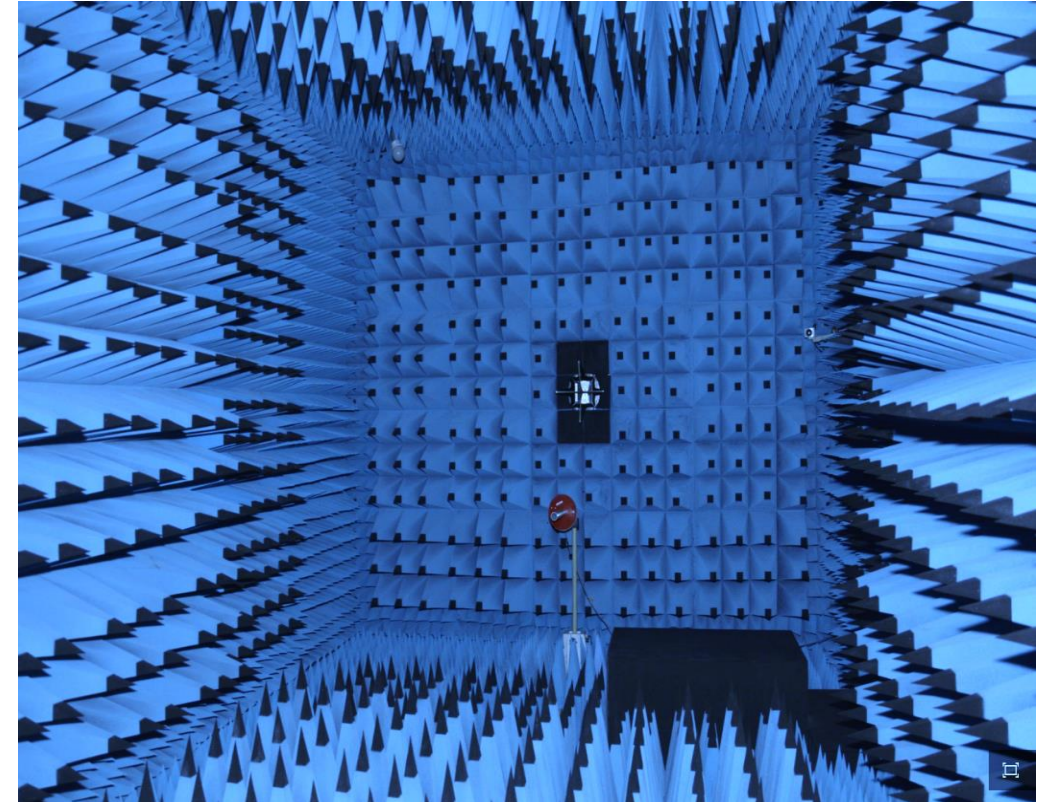
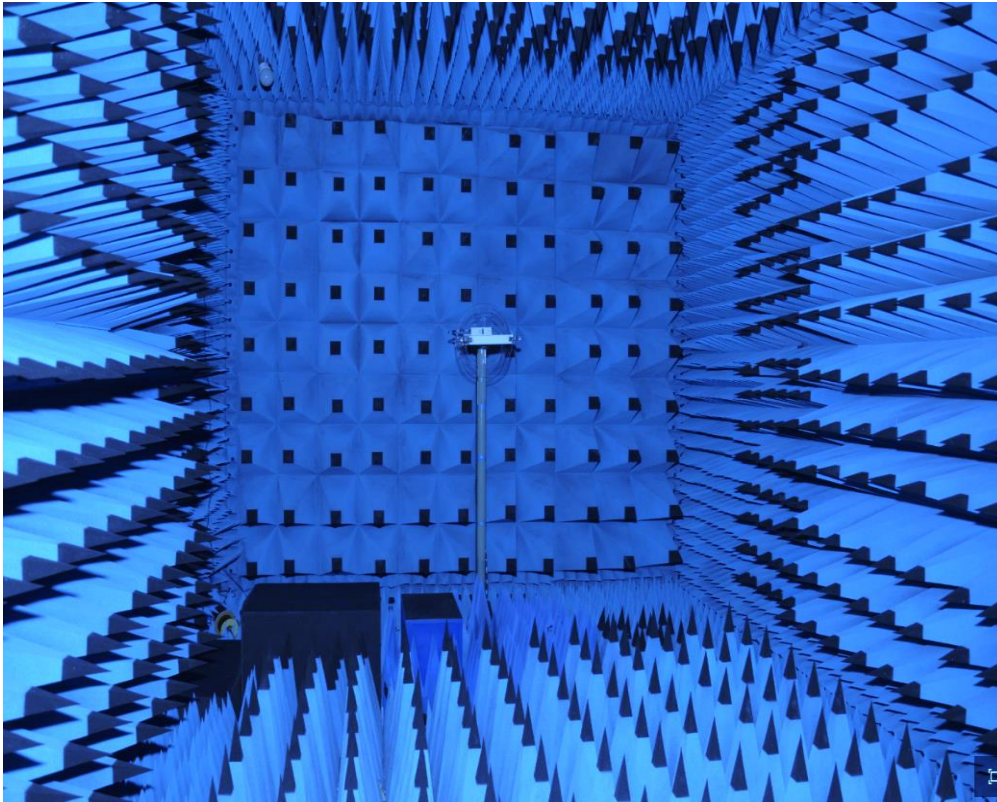
Passive Efficiency



Chamber equipment Rig

Equipment used

Anechoic chamber 700MHz – 6000MHz



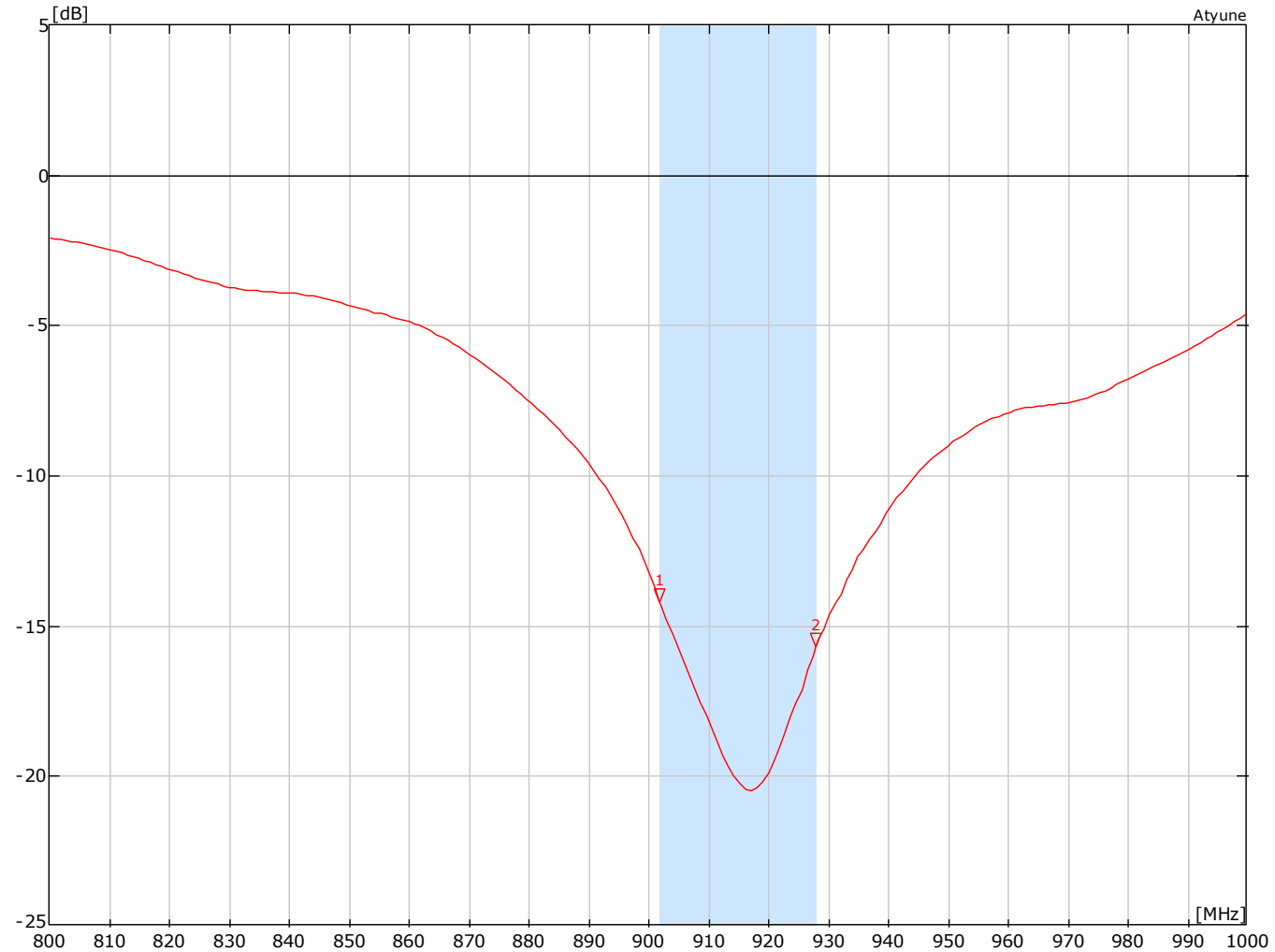
All tests using this arrangement were performed in free space. The return loss at the input of the matching circuit was measured using an Agilent ENA E5071C RF Network Analyser. For all measurements, the relevant sleeve choke was used to reduce the effect of the cable radiation.

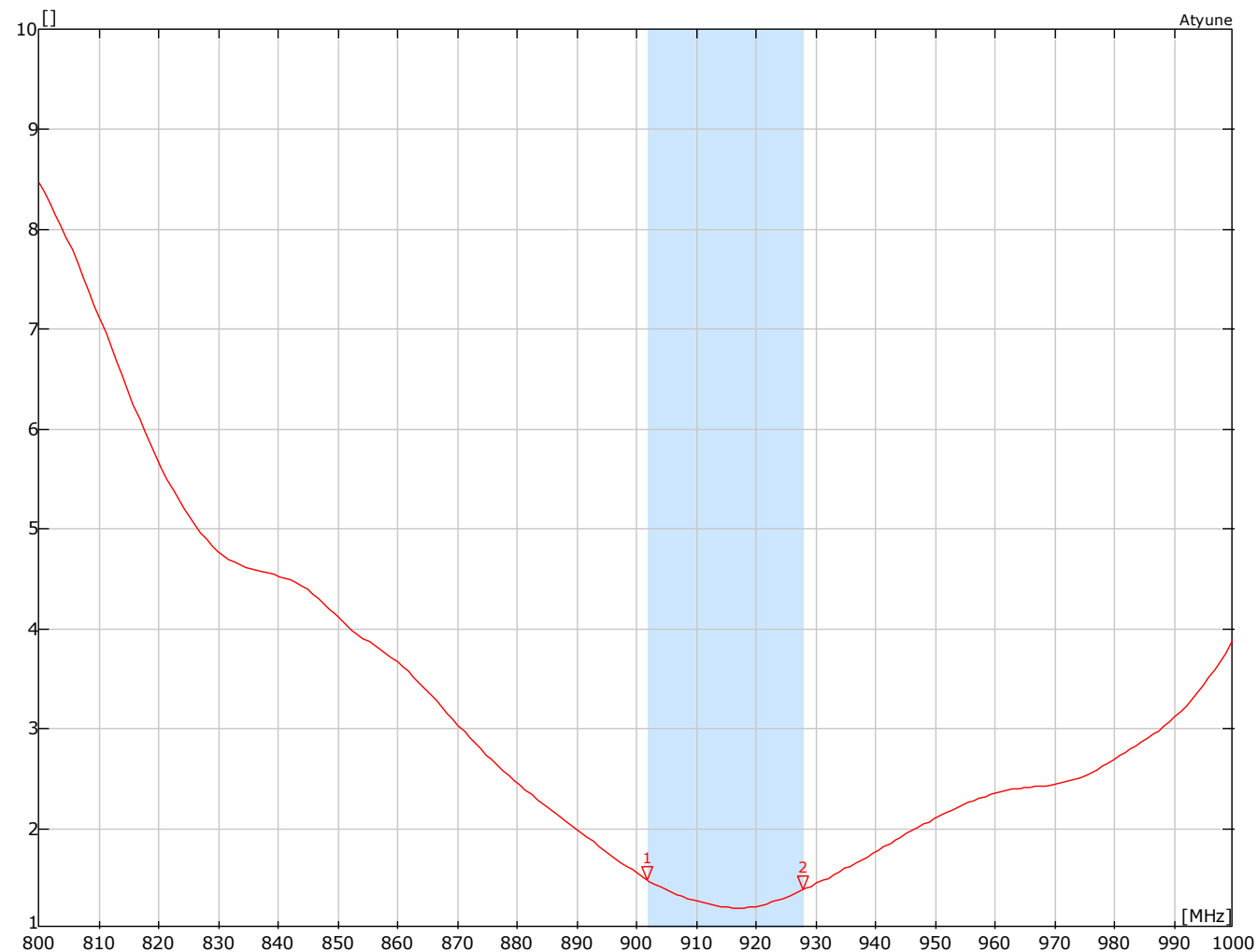
Results Summary

<i>SRFI068H-100</i>	<i>902 – 928 MHz</i>
S11	<-14dB
Efficiency (Min)	35%
Efficiency (Avg)	37%
Gain (peak)	0.2dBi

<i>SRFI068V-100</i>	<i>902 – 928 MHz</i>
S11	<-15dB
Efficiency (Min)	36%
Efficiency (Avg)	37%
Gain (peak)	0.7dBi

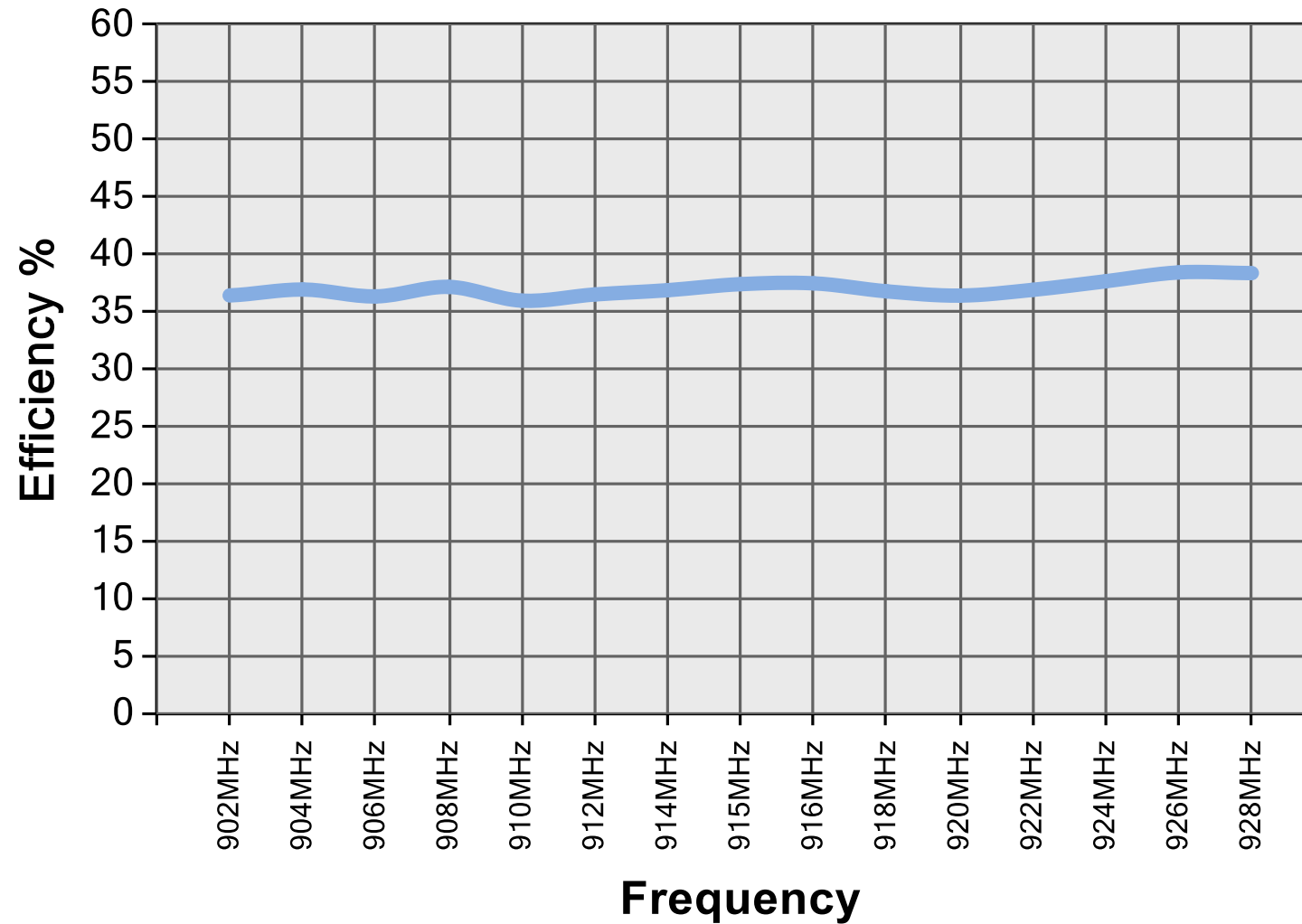
S-Parameter_*SRFI068H-100*



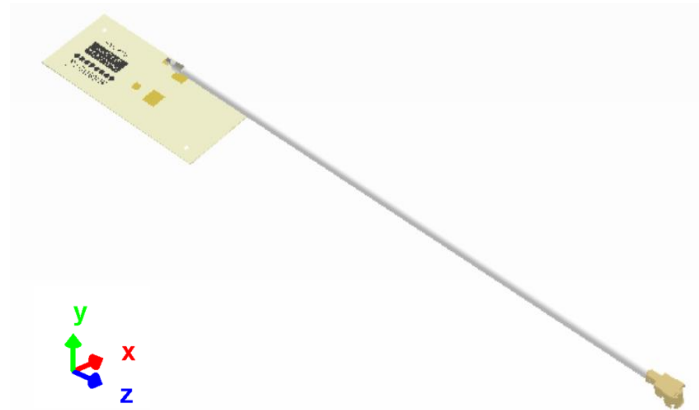


Antenna Efficiency_*SRFI068H-100*

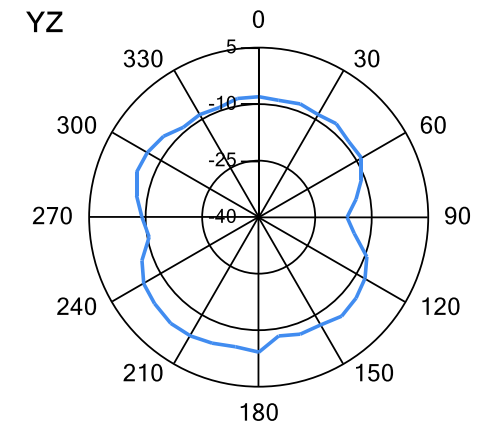
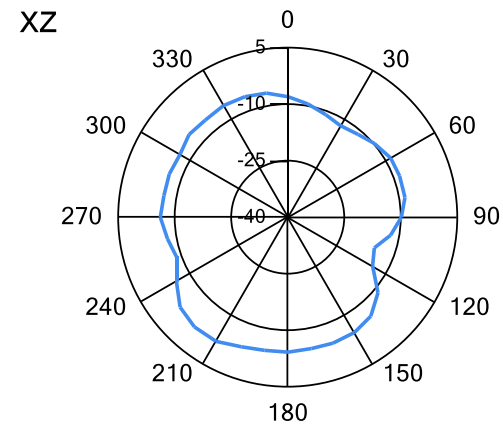
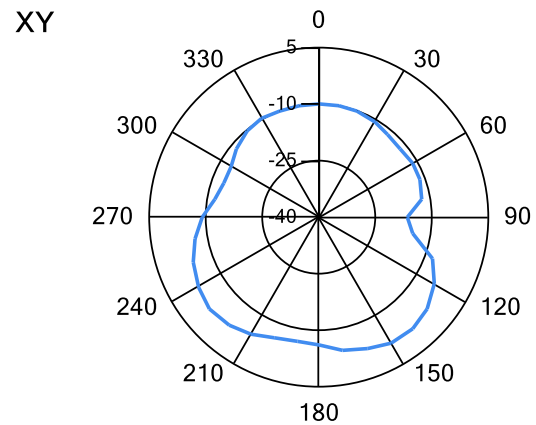
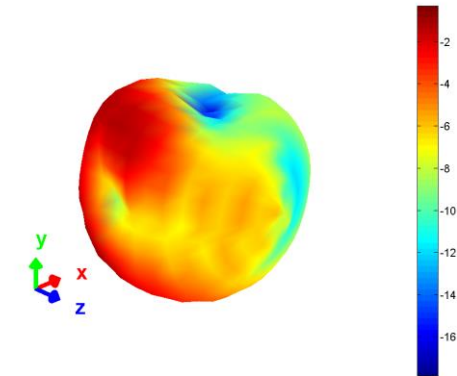
- 902~928MHz



Antenna Passive Pattern – 2D/3D_*SRFI068H-100*

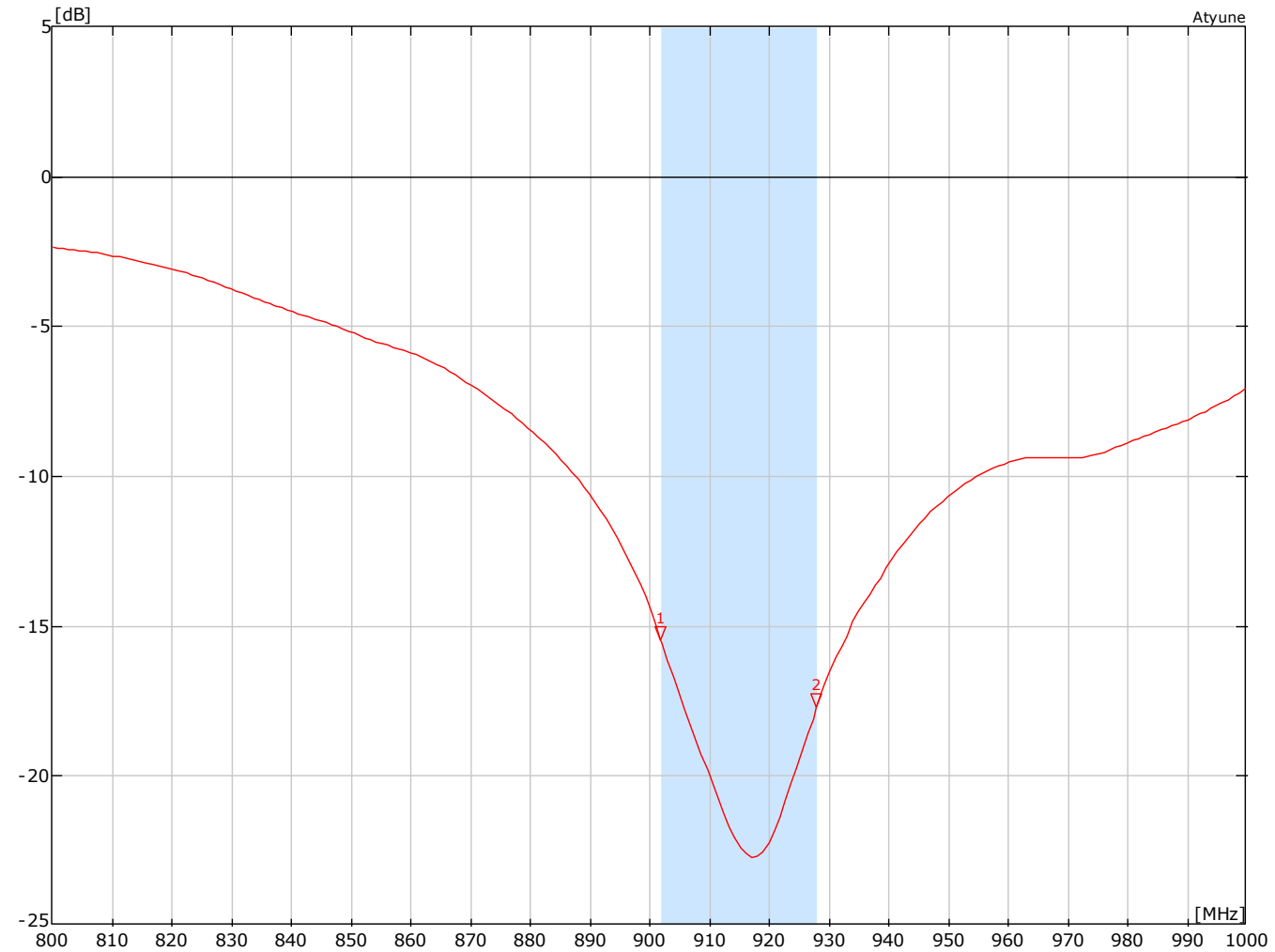


@915MHz

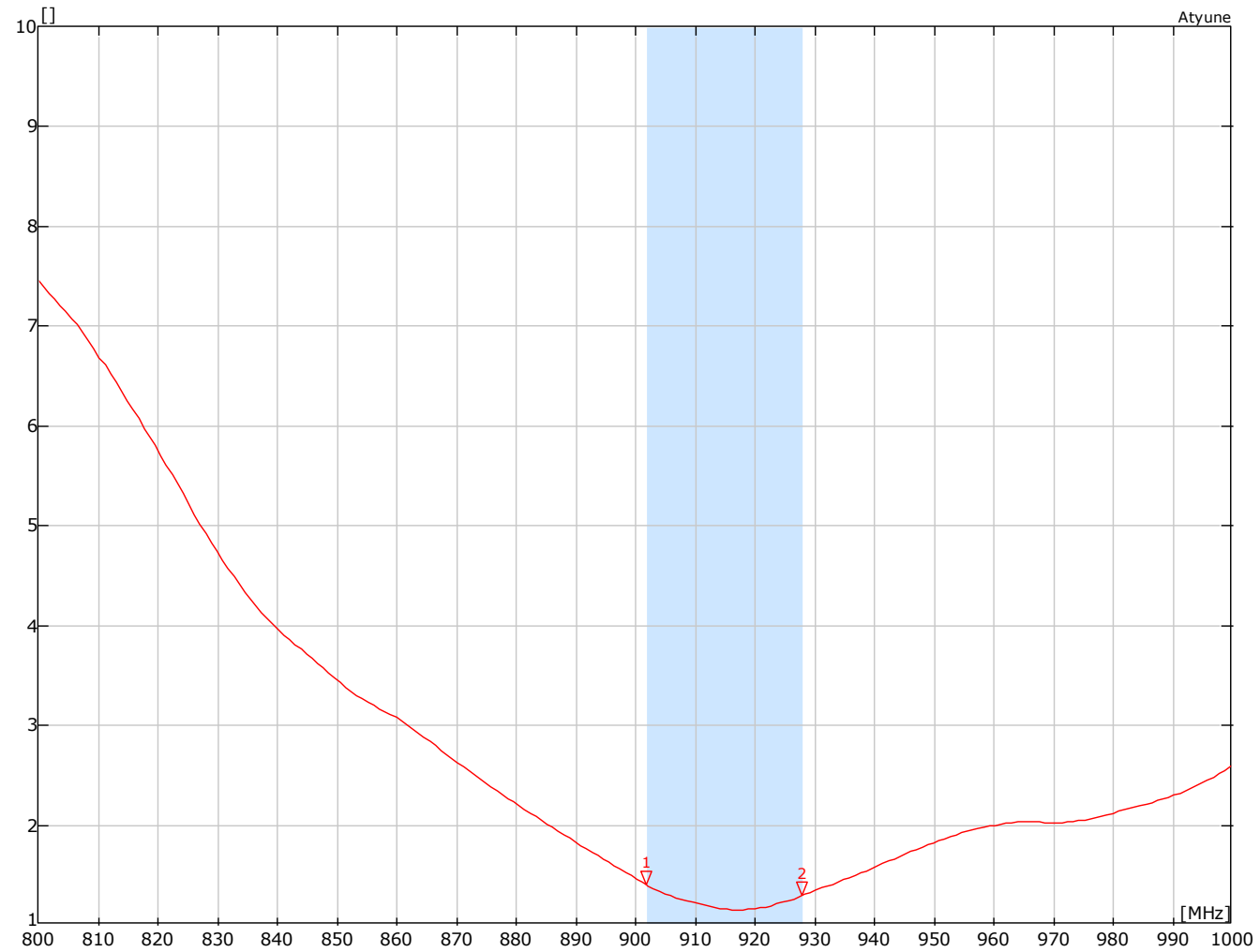


— 915MHz

S-Parameter_SRFI068V-100

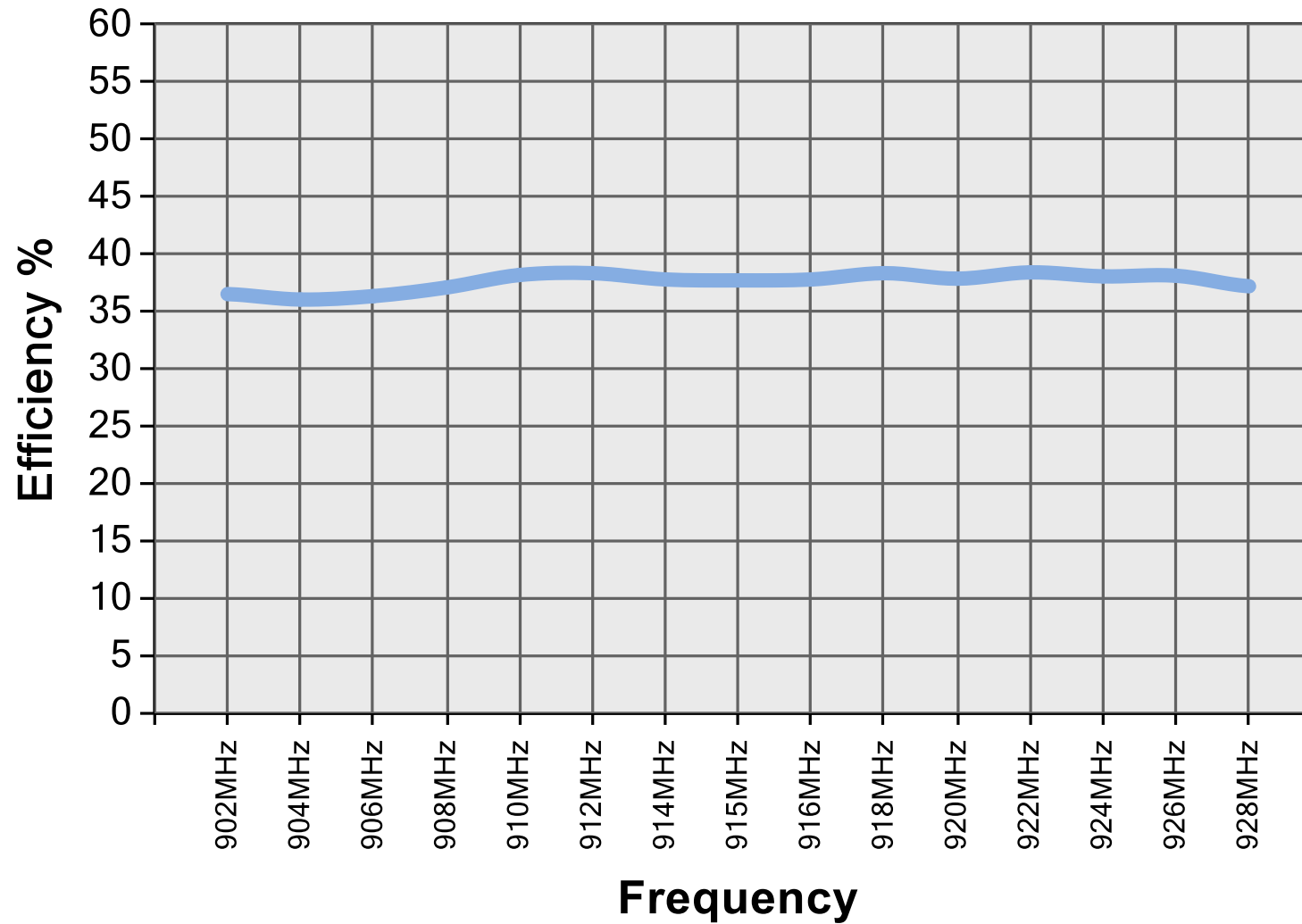


VSWR_SRFI068V-100



Antenna Efficiency_*SRFI068V-100*

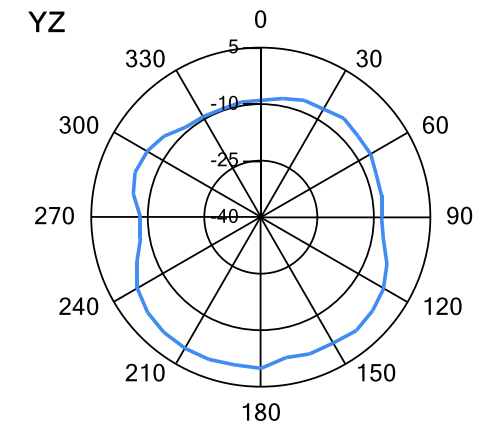
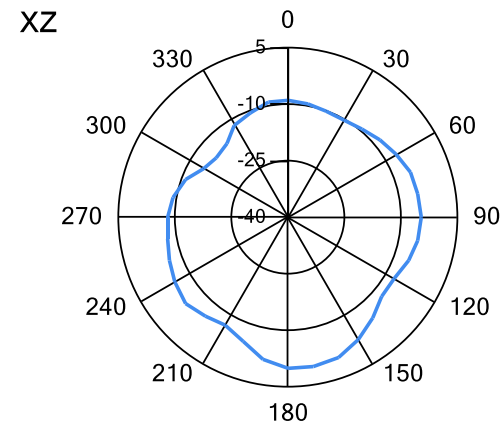
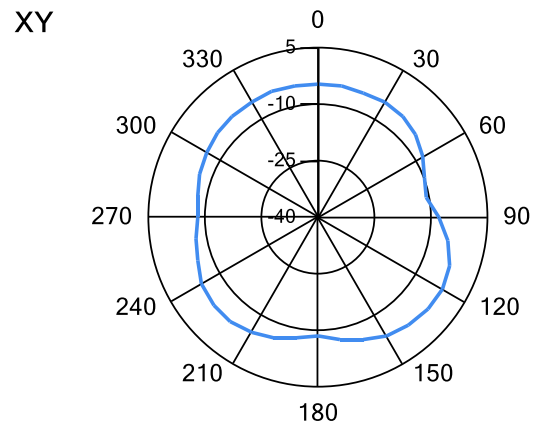
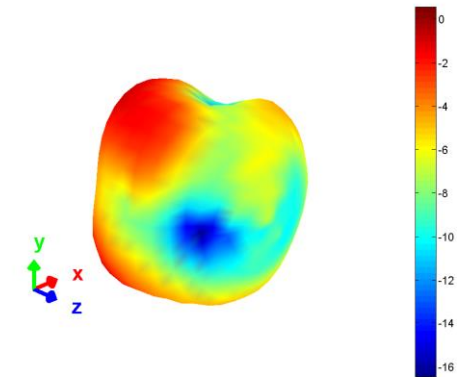
- 902~928MHz



Antenna Passive Pattern – 2D/3D_SRFI068V-100



@915MHz



— 915MHz