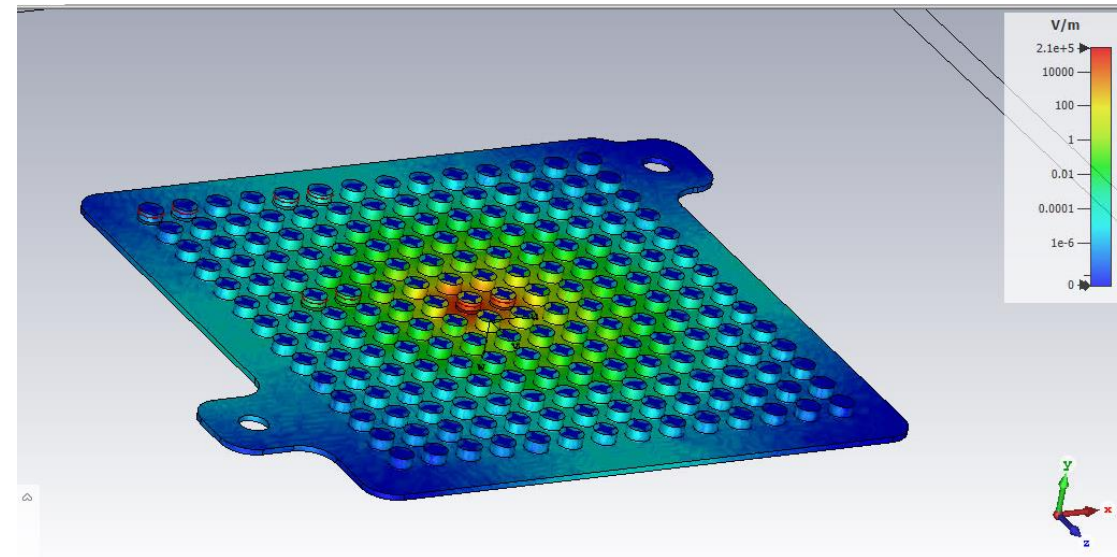




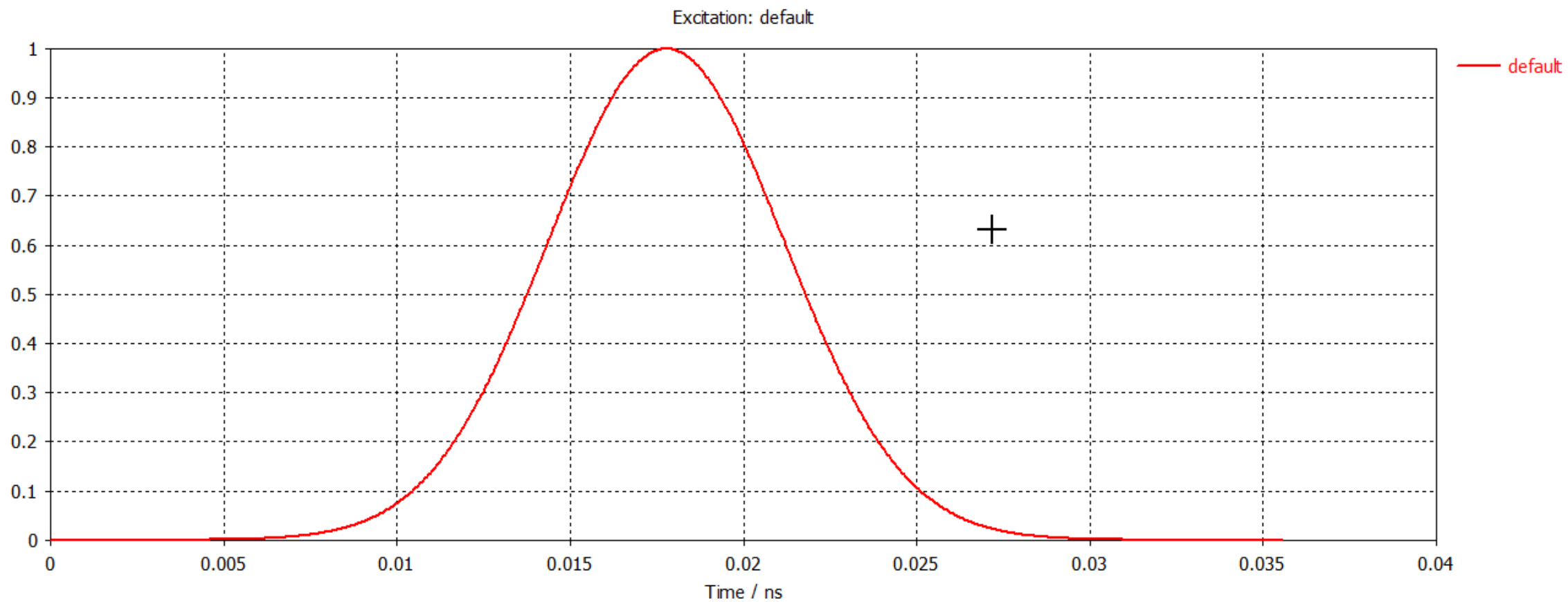
# Ironwood Electronics, Inc

S-parameter simulation for 1.0mm pitch GT elastomer  
G-S-S-G Configuration (pairs with isolation).  
(SE and Differential data)

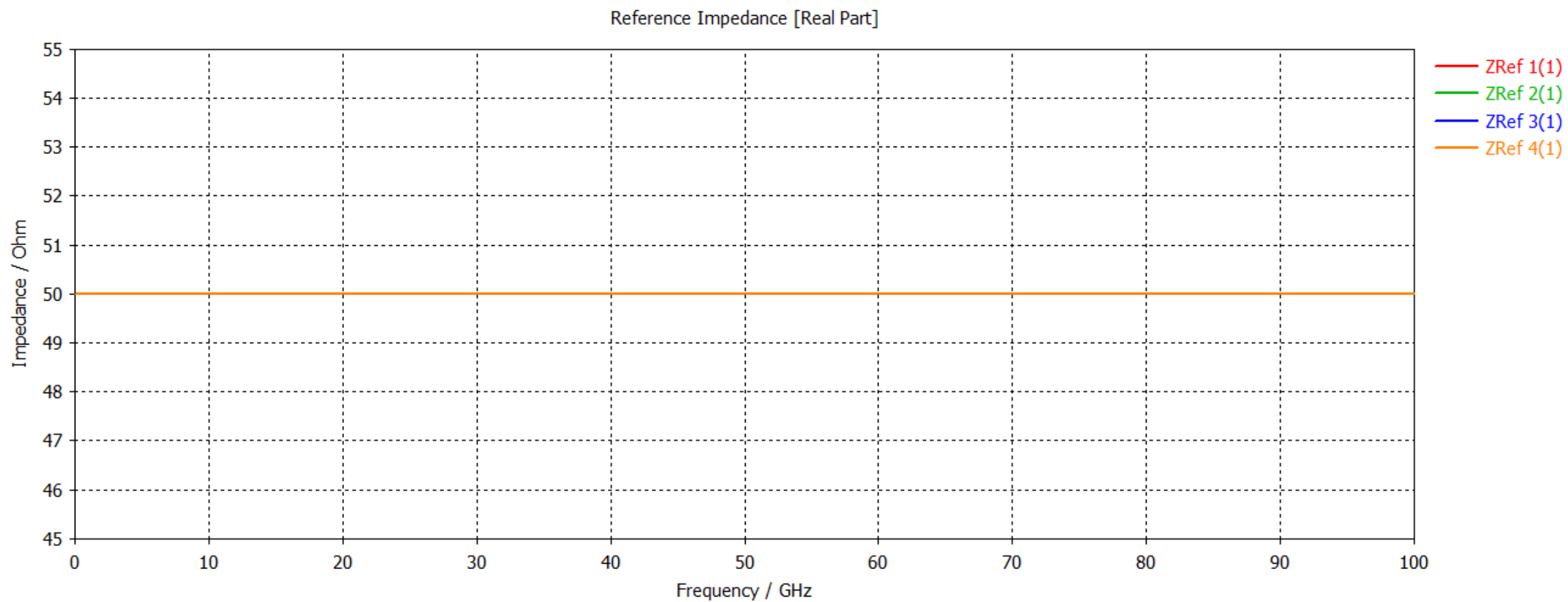
Software: CST MWS



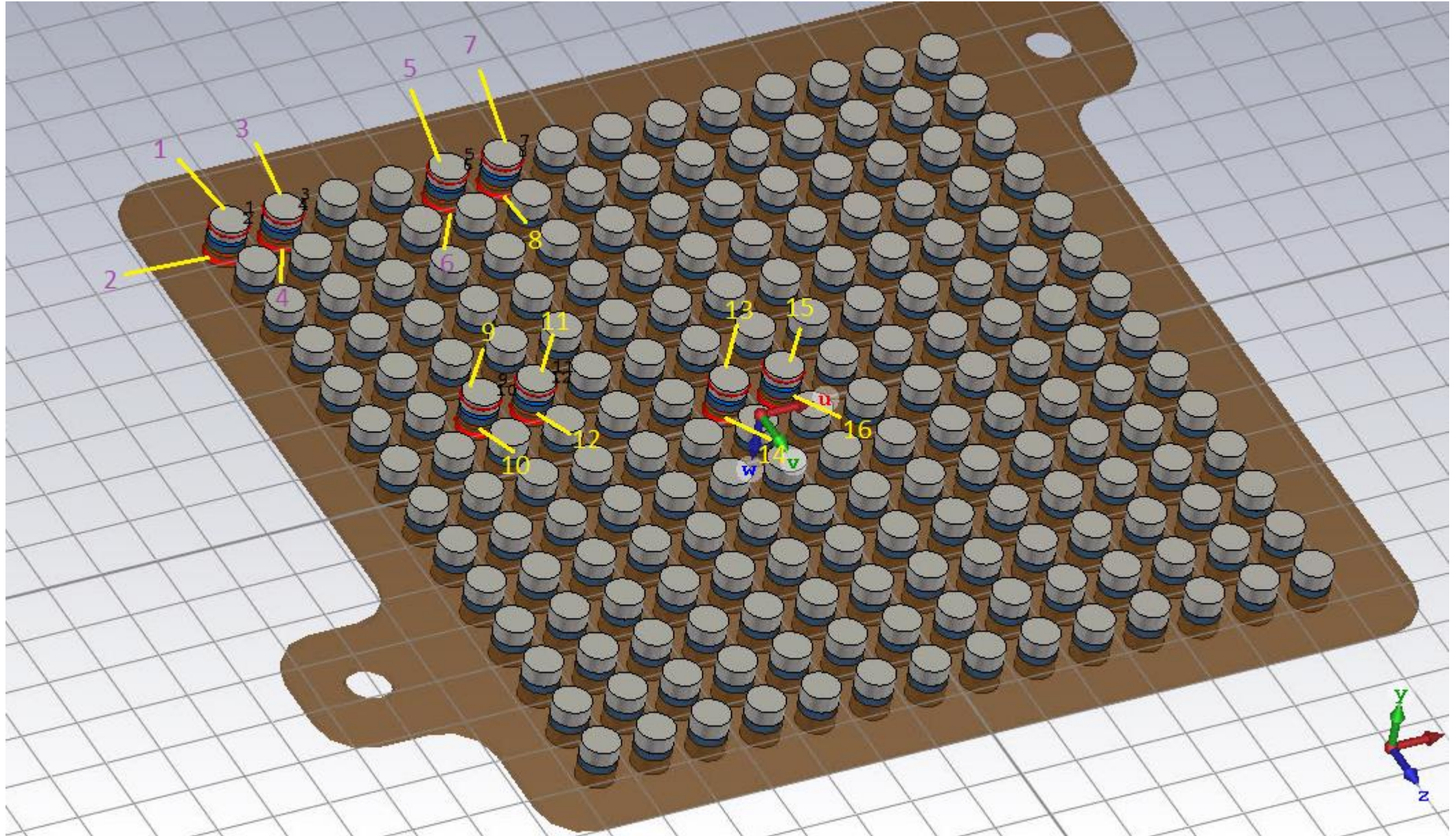
# Excitation Signal:



# Ref. Impedance:

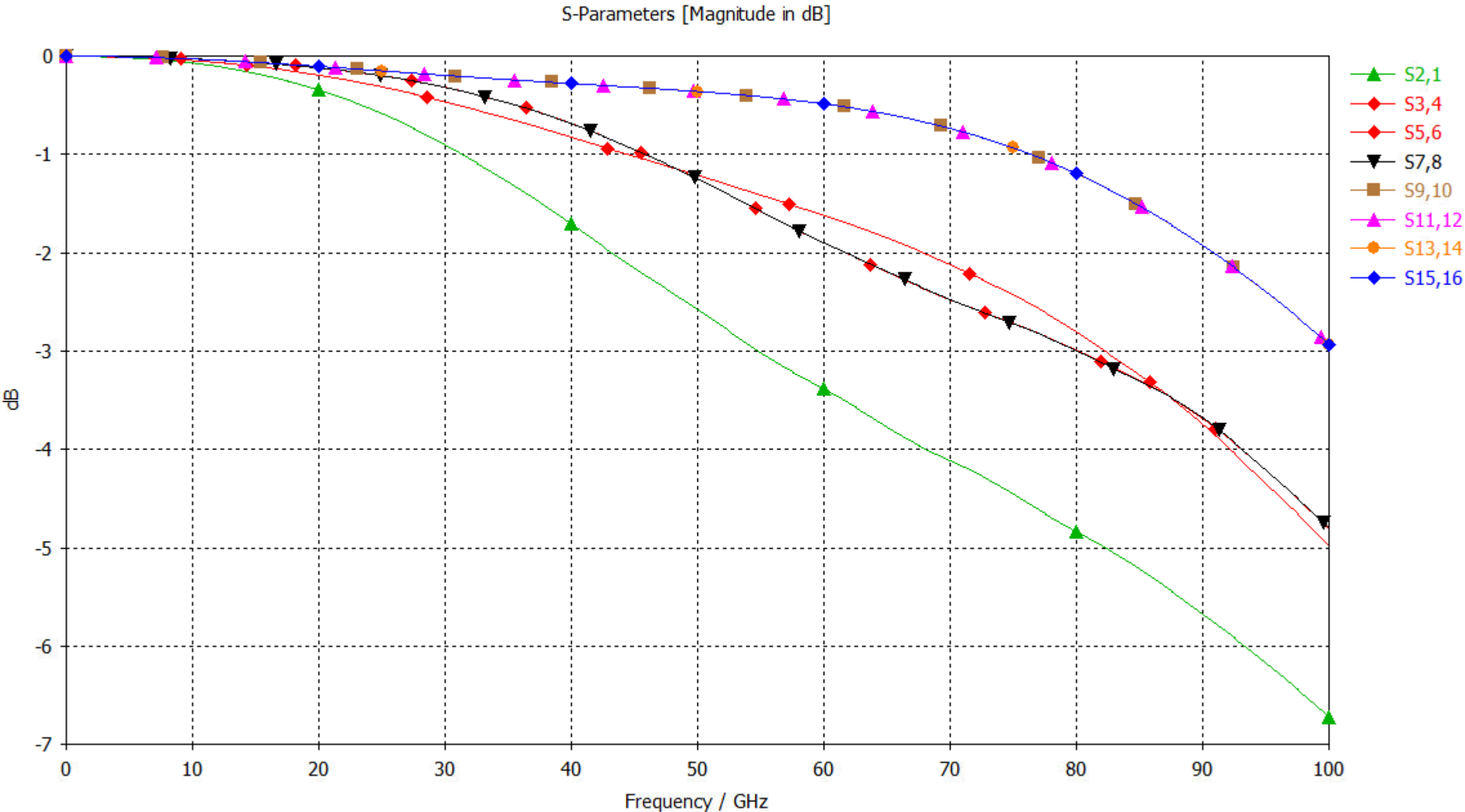


## Port Mapping:

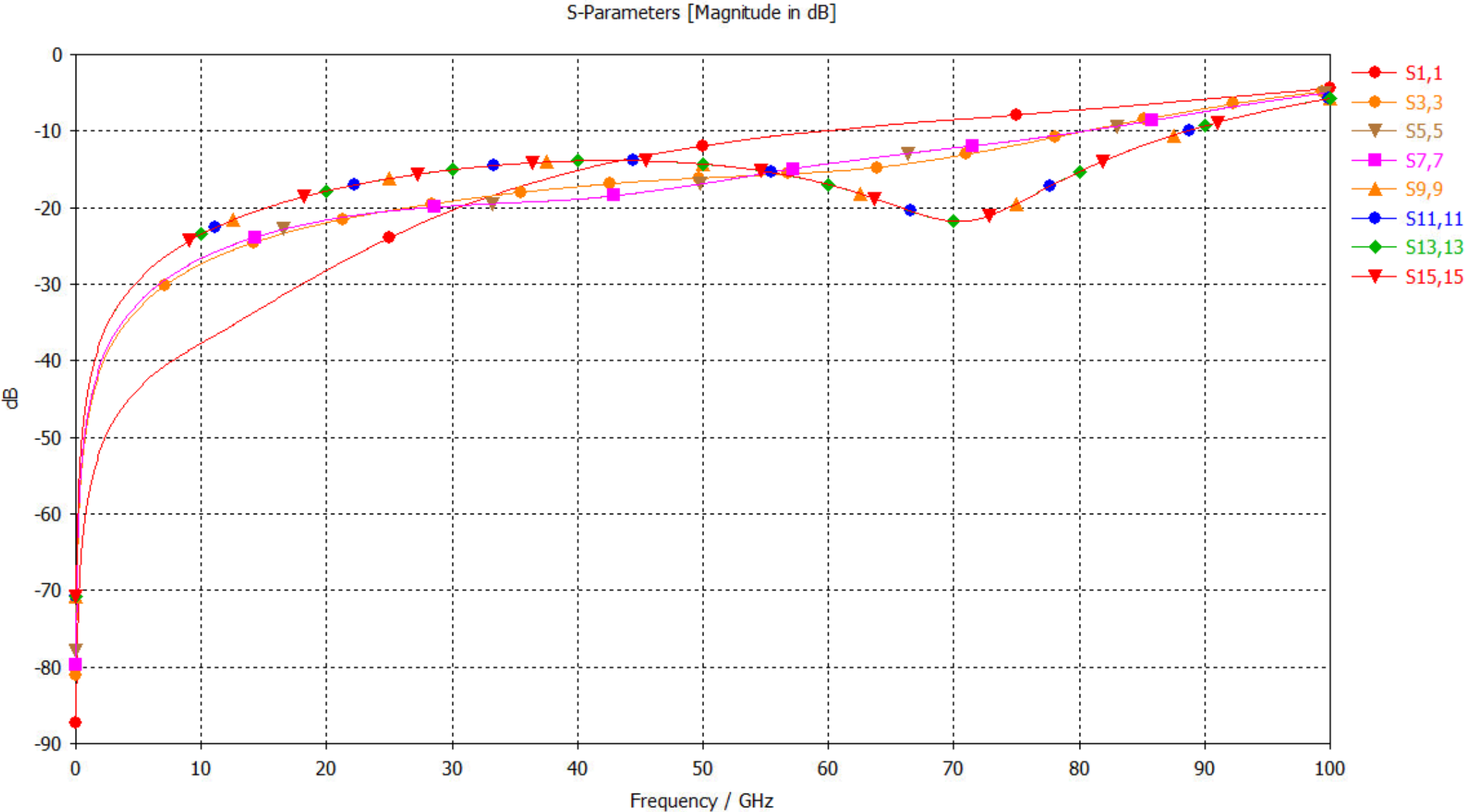




# Insertion loss:

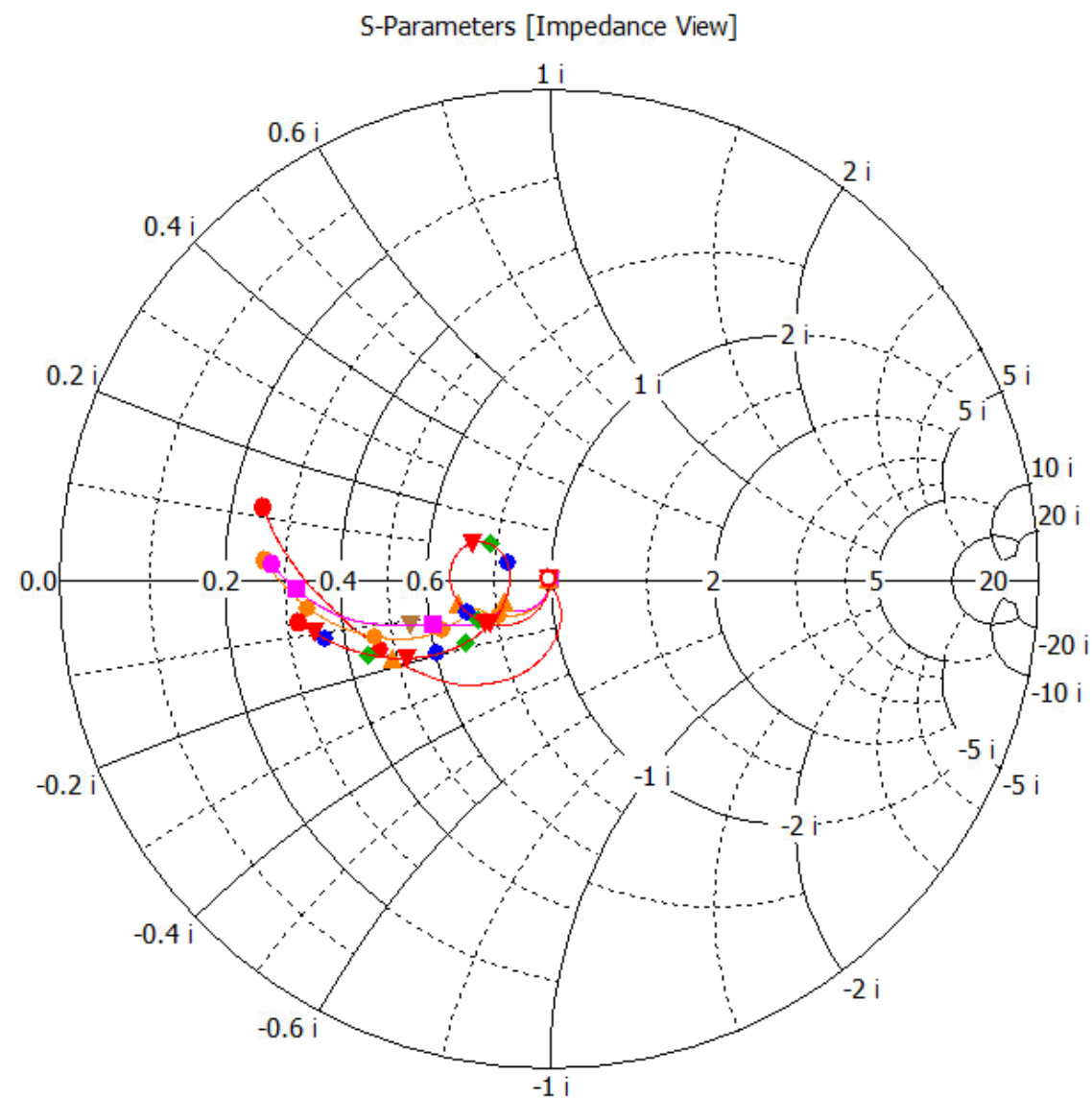


# Return loss:



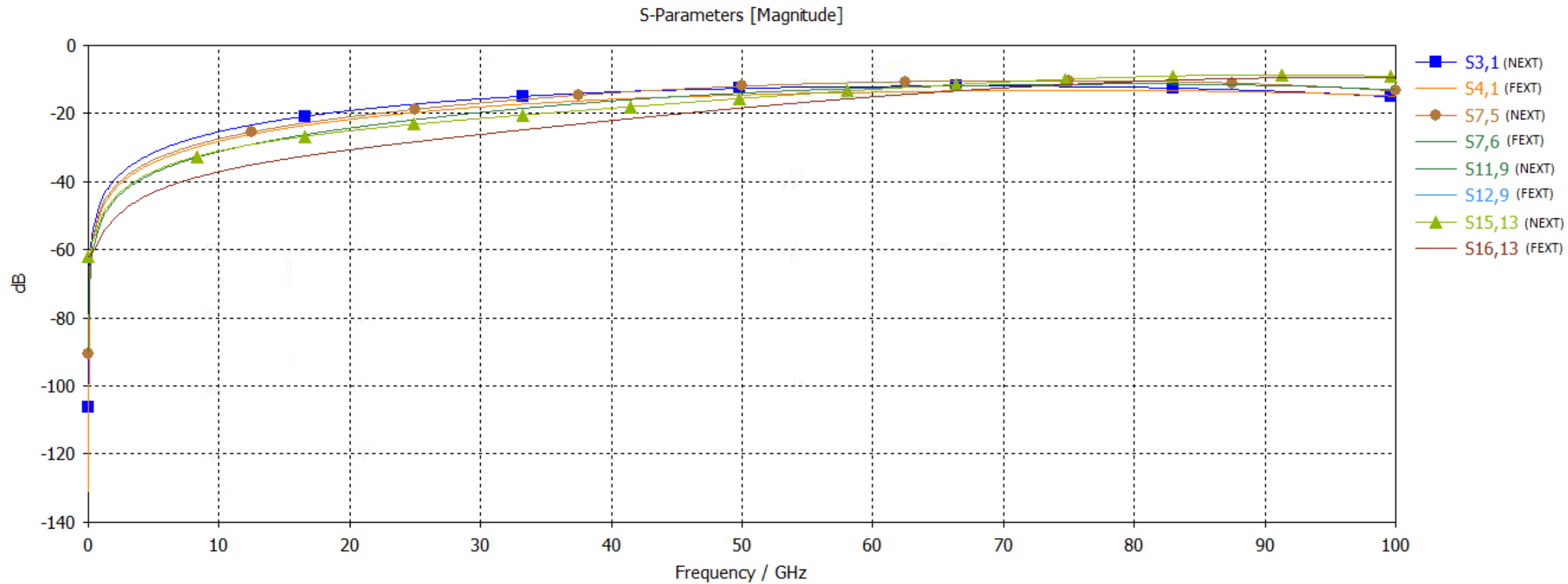
# Smith Chart:

○ 0  
● 100  
Frequency / GHz



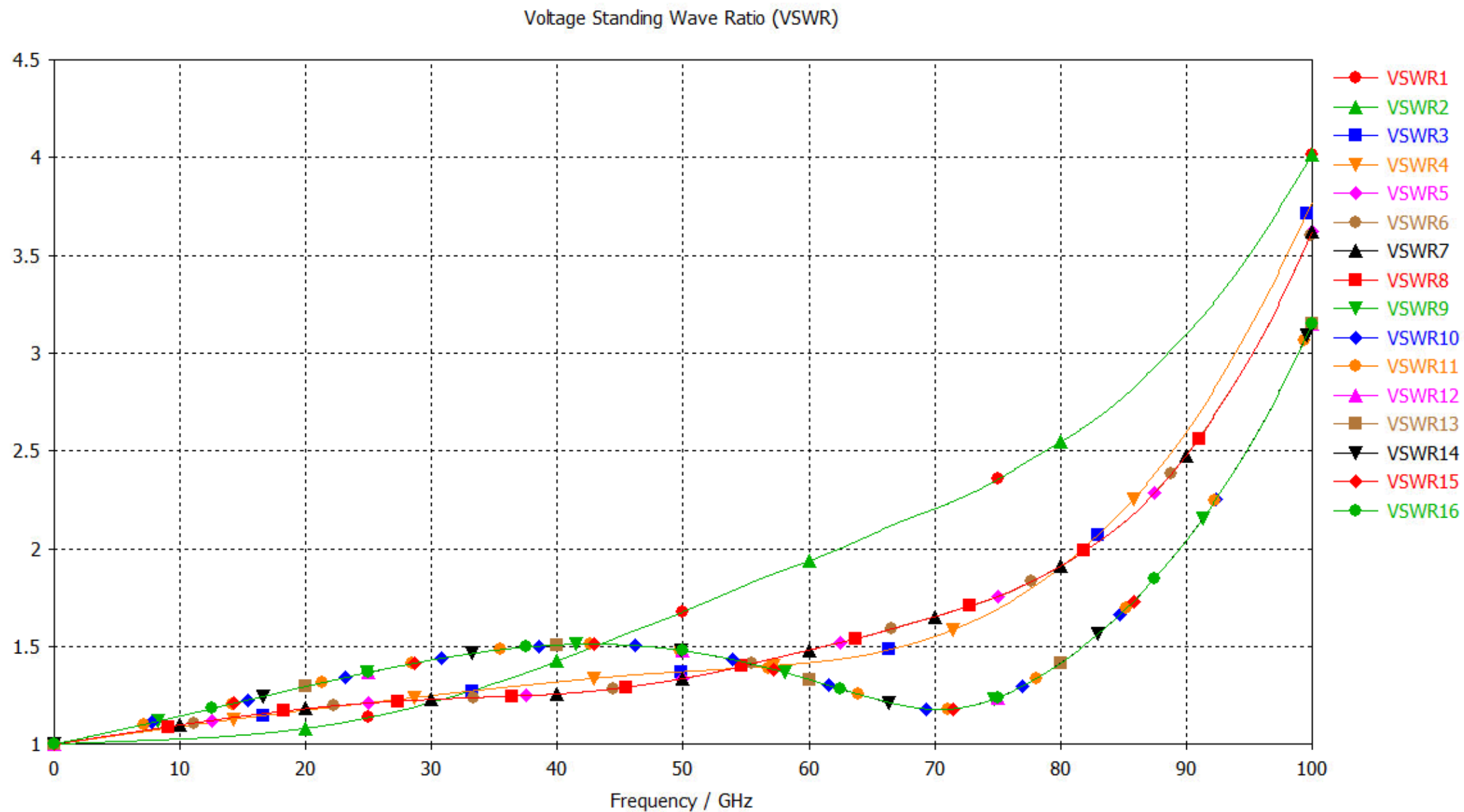
—●— S<sub>1,1</sub> (50 Ohm)  
—●— S<sub>3,3</sub> (50 Ohm)  
—▼— S<sub>5,5</sub> (50 Ohm)  
—■— S<sub>7,7</sub> (50 Ohm)  
—▲— S<sub>9,9</sub> (50 Ohm)  
—●— S<sub>11,11</sub> (50 Ohm)  
—◆— S<sub>13,13</sub> (50 Ohm)  
—▼— S<sub>15,15</sub> (50 Ohm)

# Crosstalk:

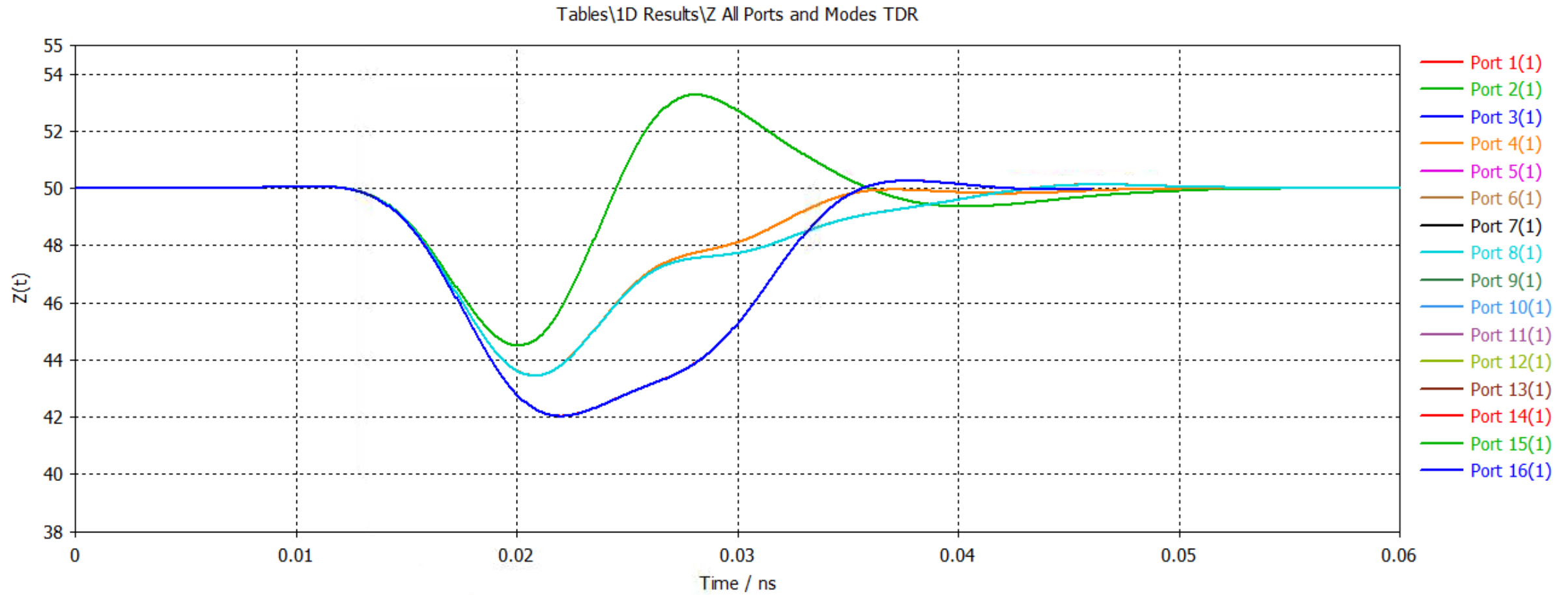




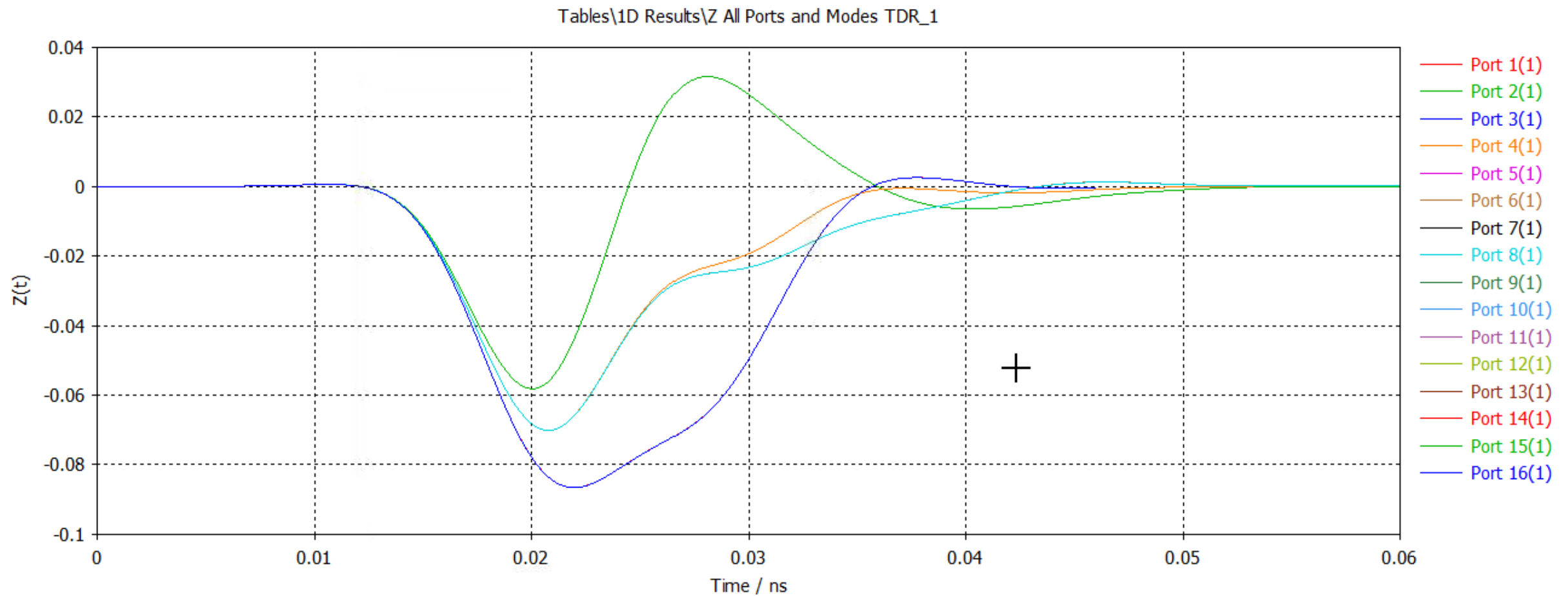
## VSWR:



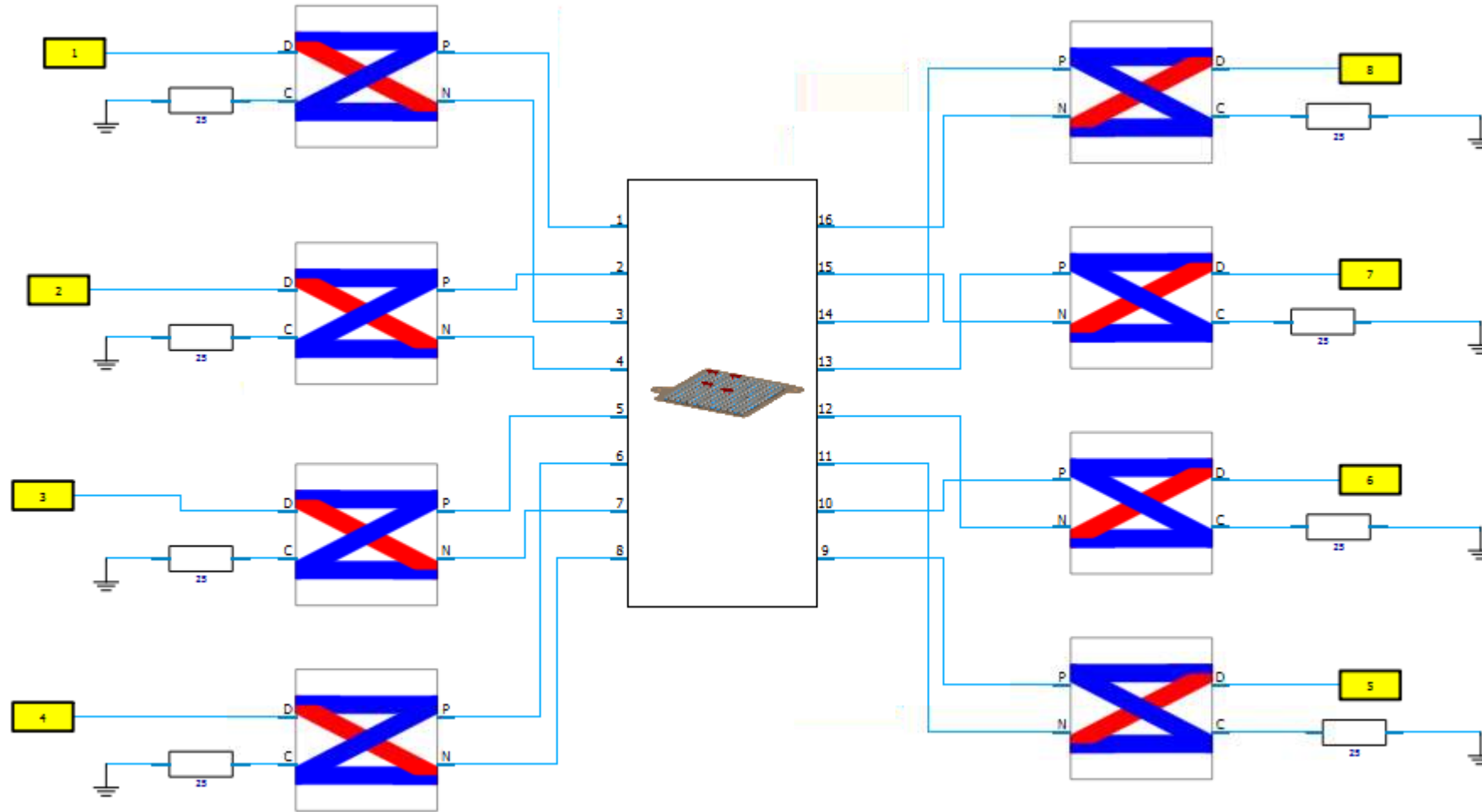
# TDR (Z):



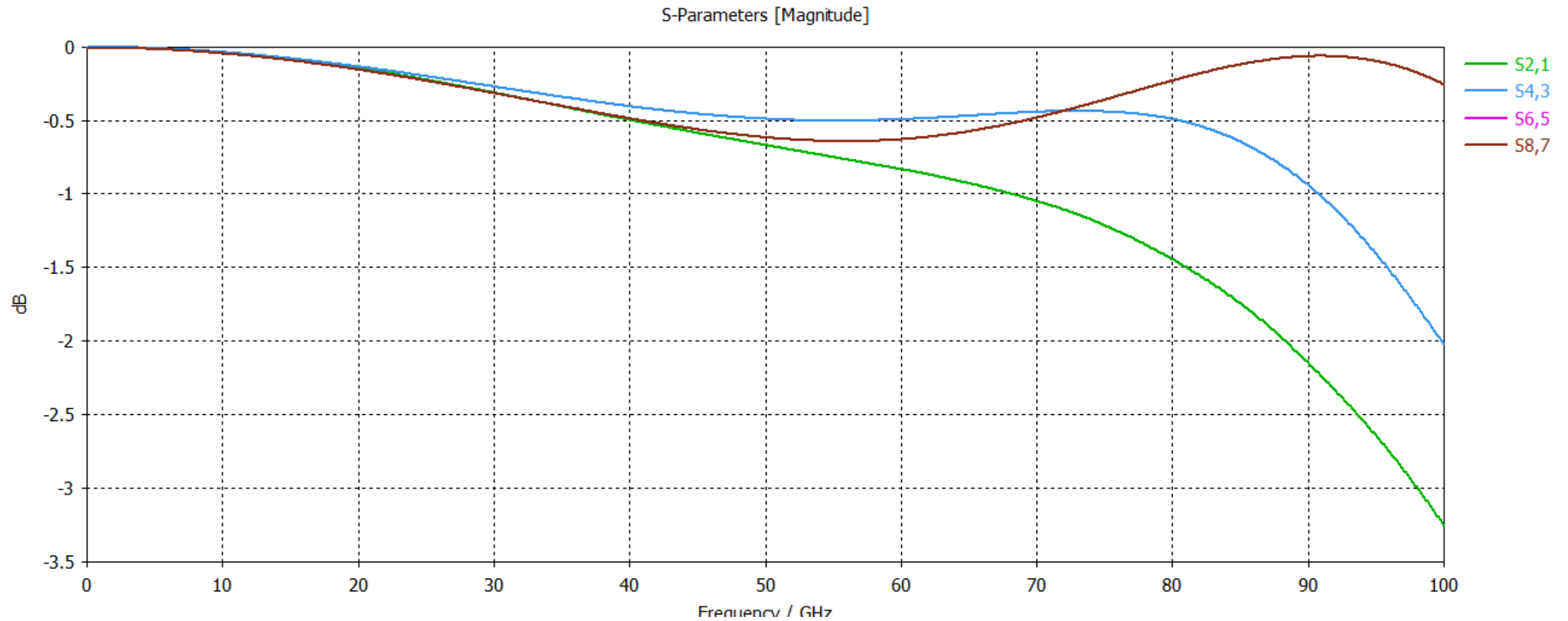
TDR ( $\rho$ ):



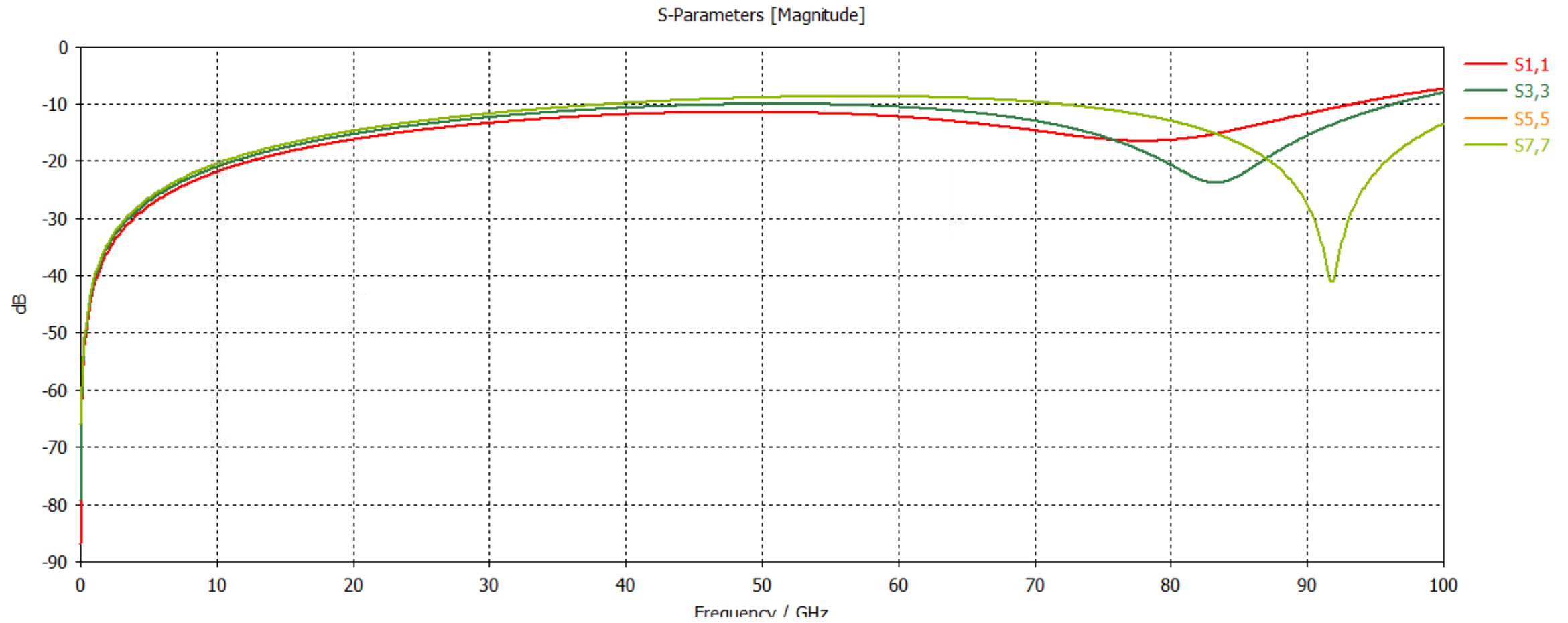
# SE to Differential mode conversion:



## Insertion loss (Diff):



## Return loss (Diff):





# Smith Chart (Diff):

○ 0  
● 100  
Frequency / GHz

