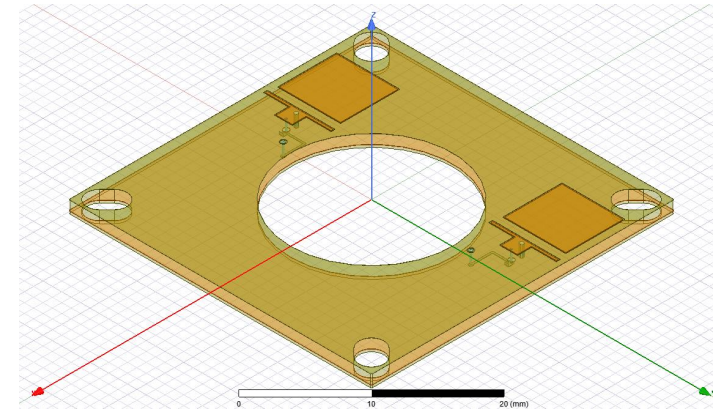
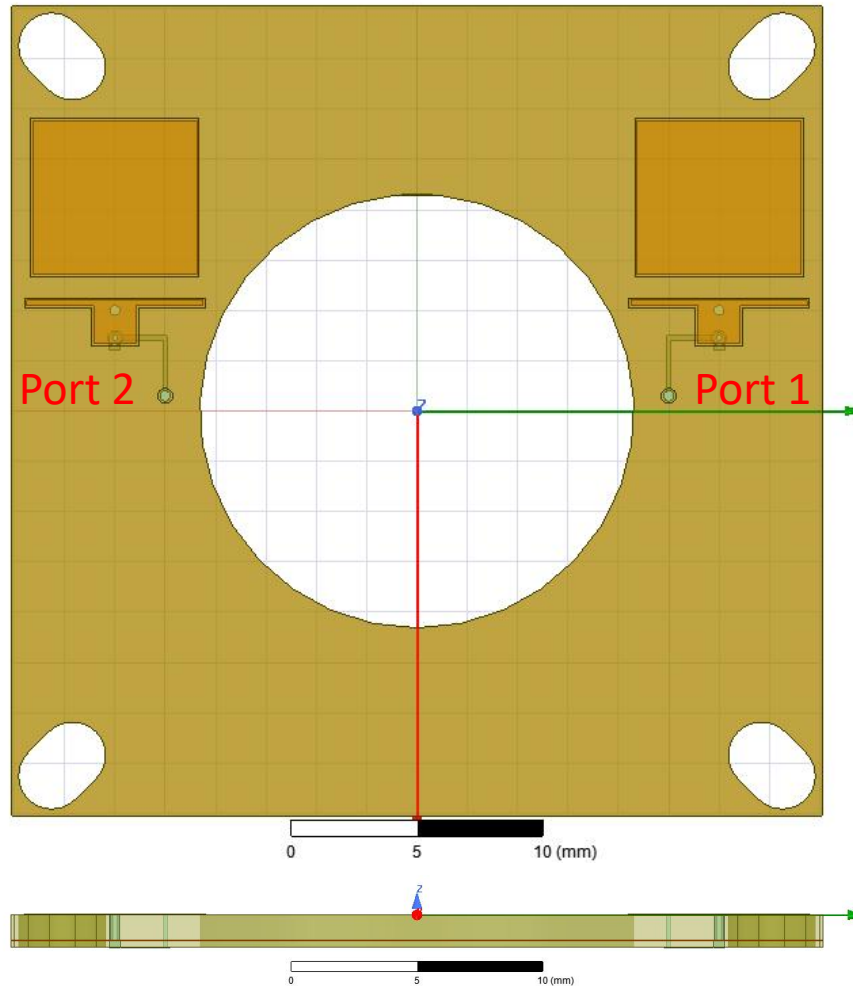


煜芯可視雷達天線參數

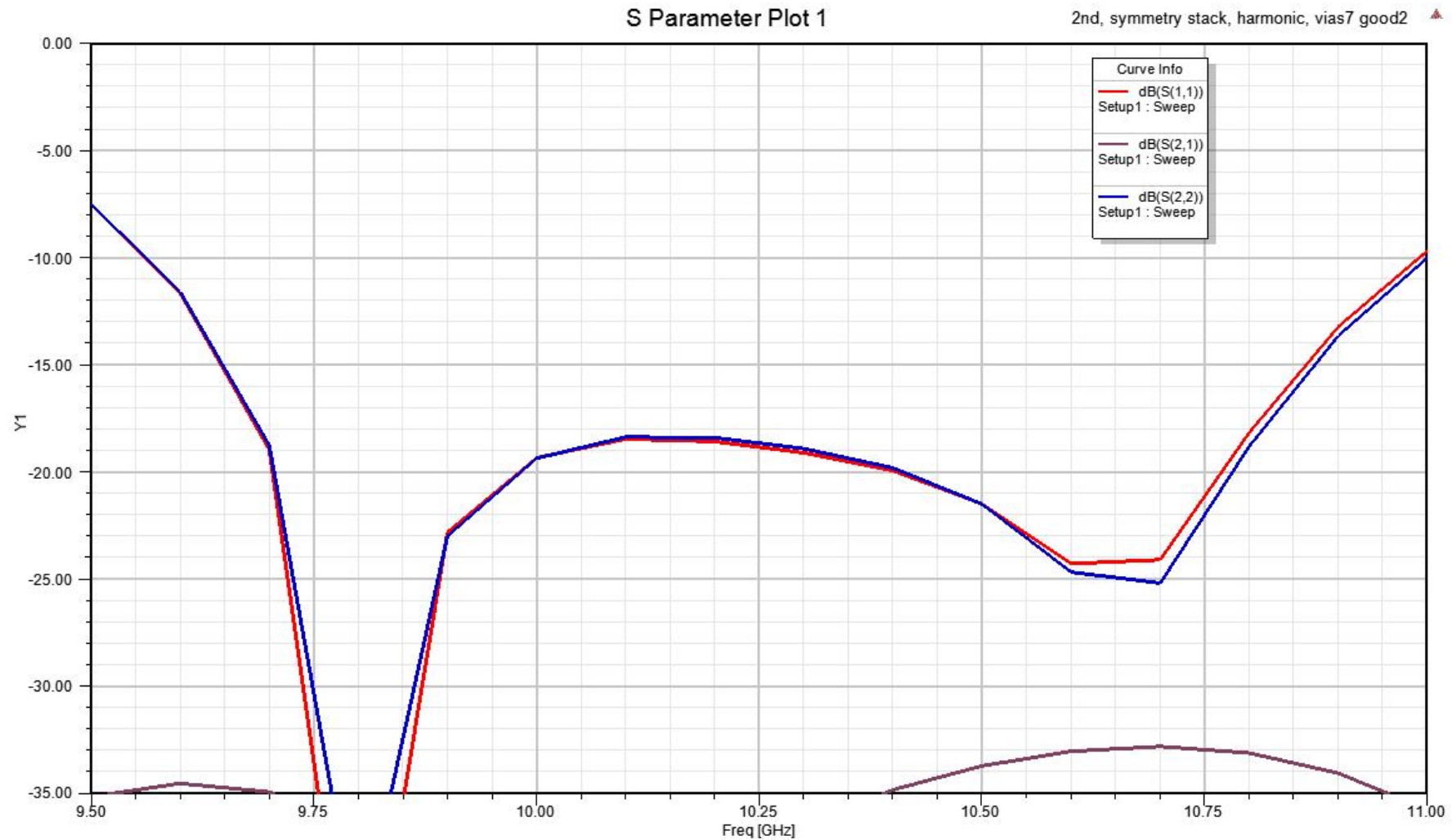
2026-06-17

Structure and Stack up

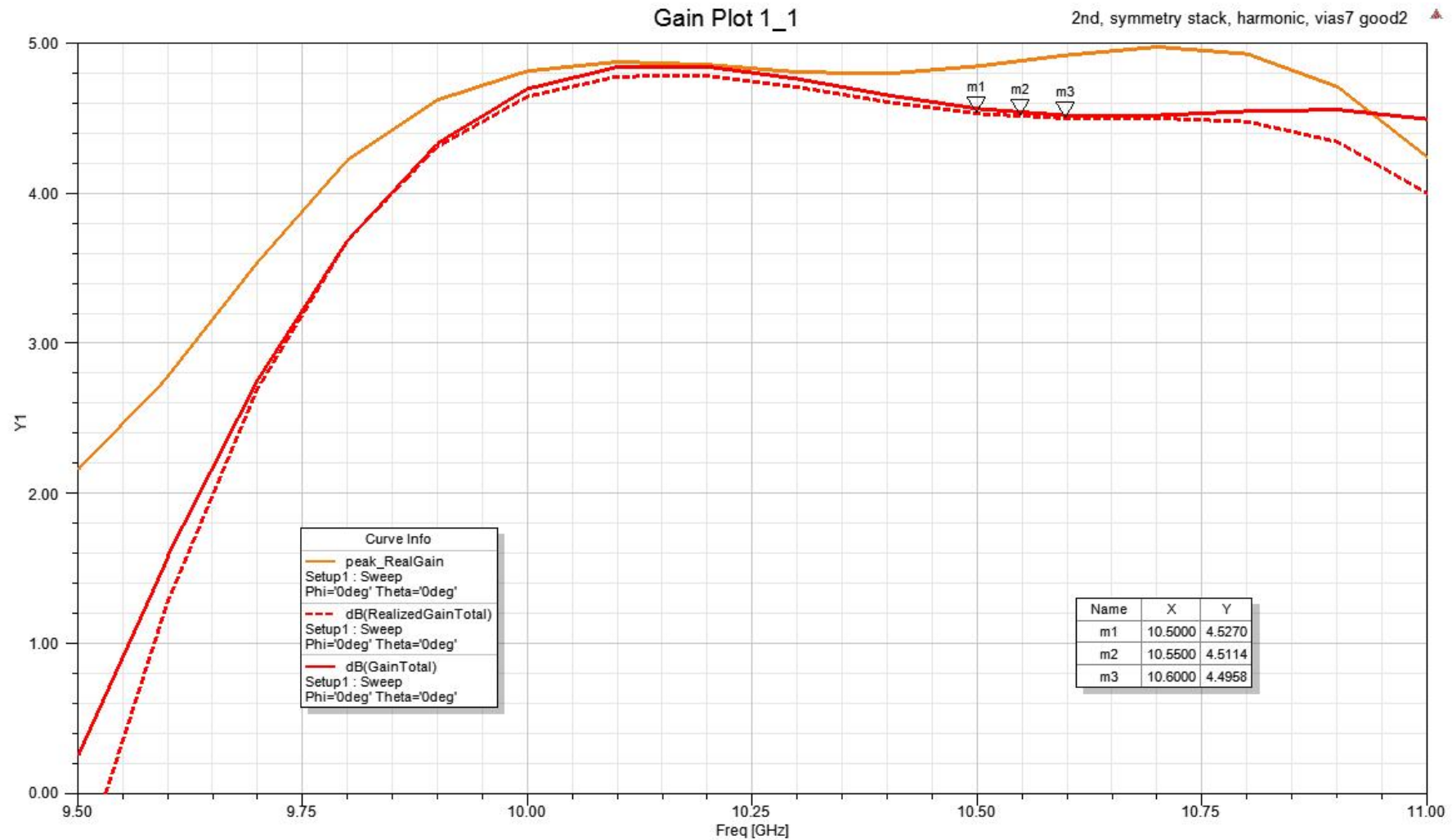


Layer	Antenna Part	Thickness(mm)
Top	Copper	0.035
	PP	0.254
L1	Copper	0.035
	Core (NPG151)	0.7
L2	Copper	0.035
	PP	0.254
Bottom	Copper	0.035

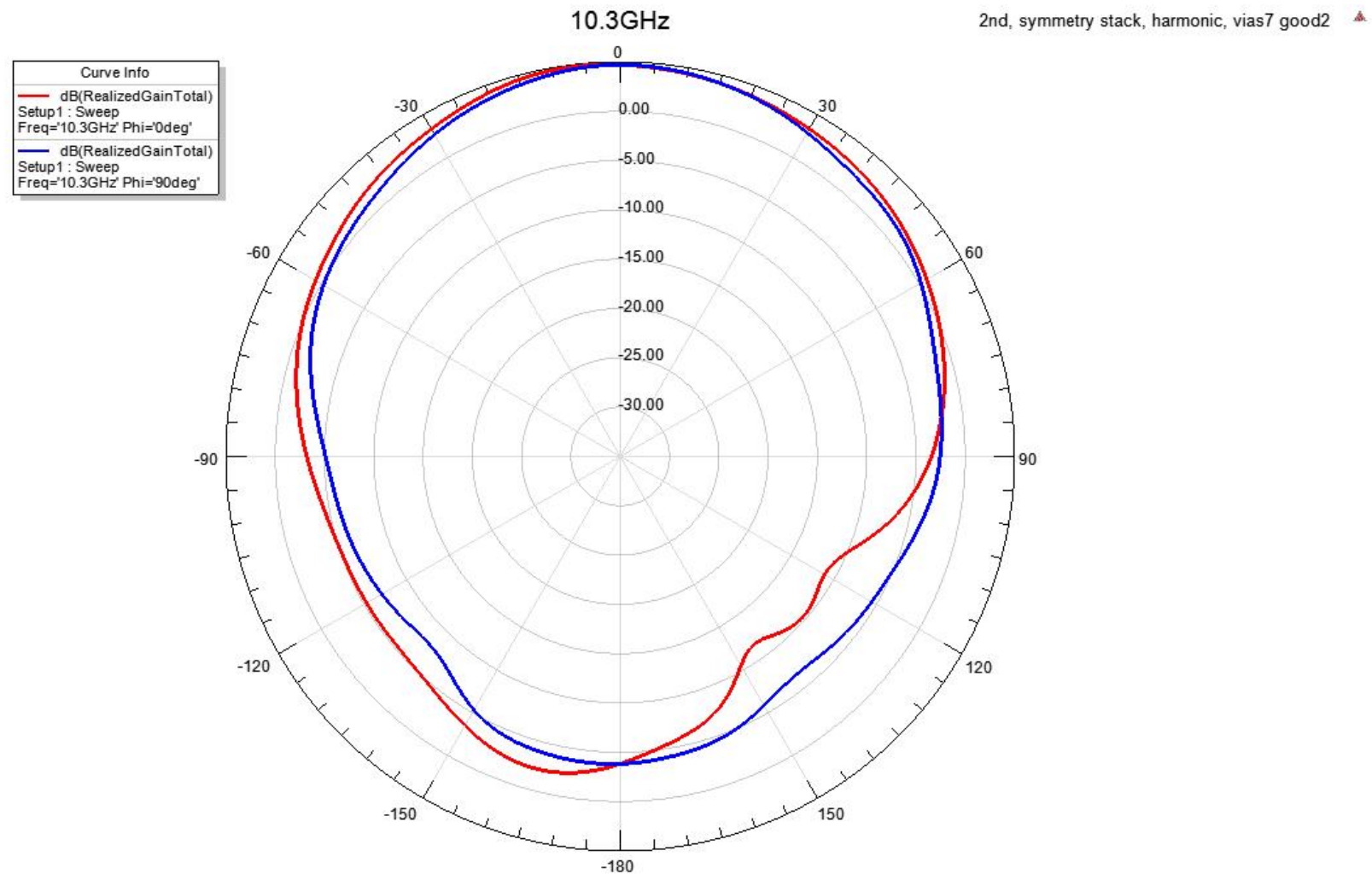
$|S_{11}|$ (SWR < 1.3 over 10.525 GHz band)



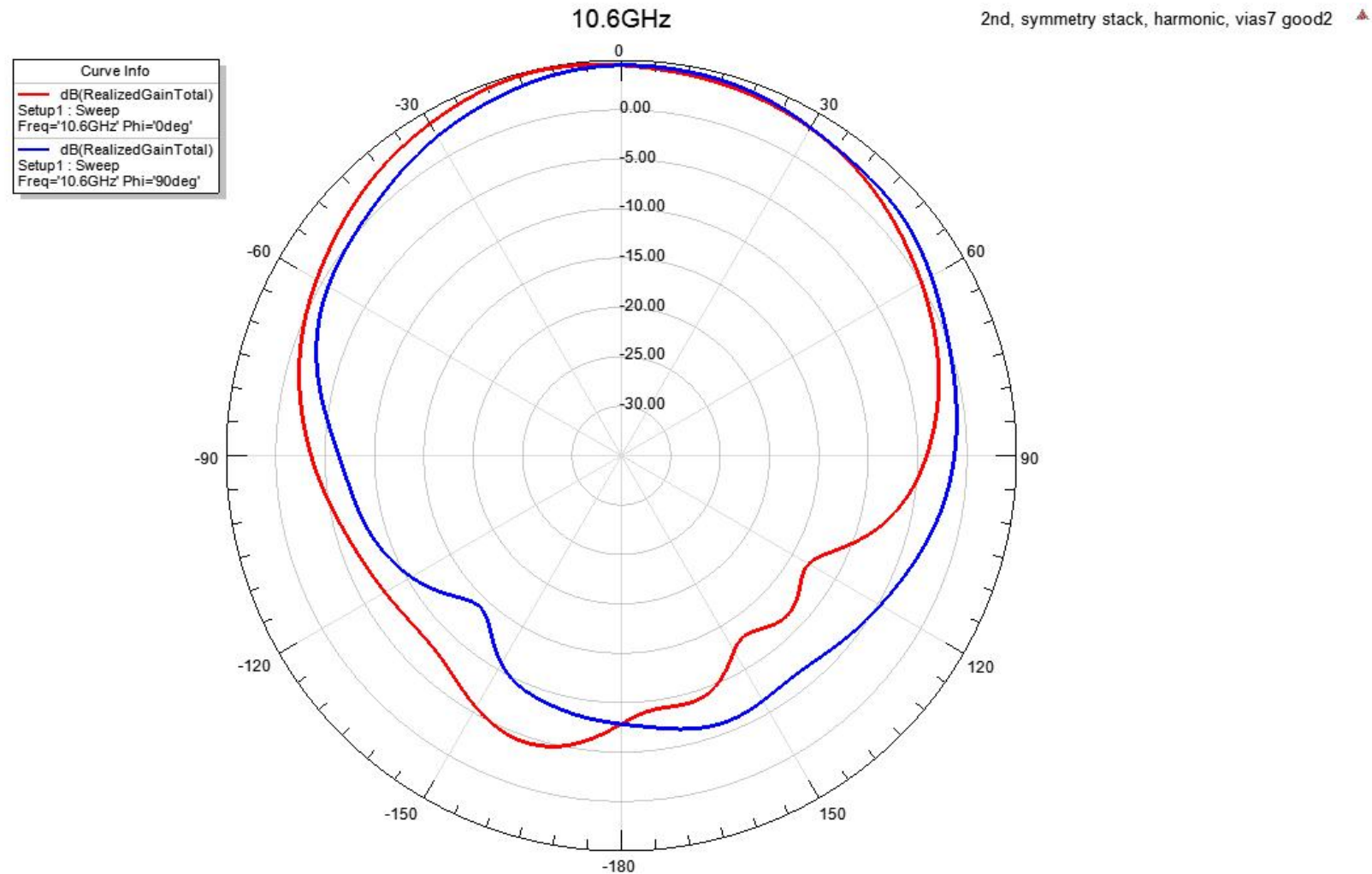
Peak Gain and Gain at Zenith (約4.5dB增益)



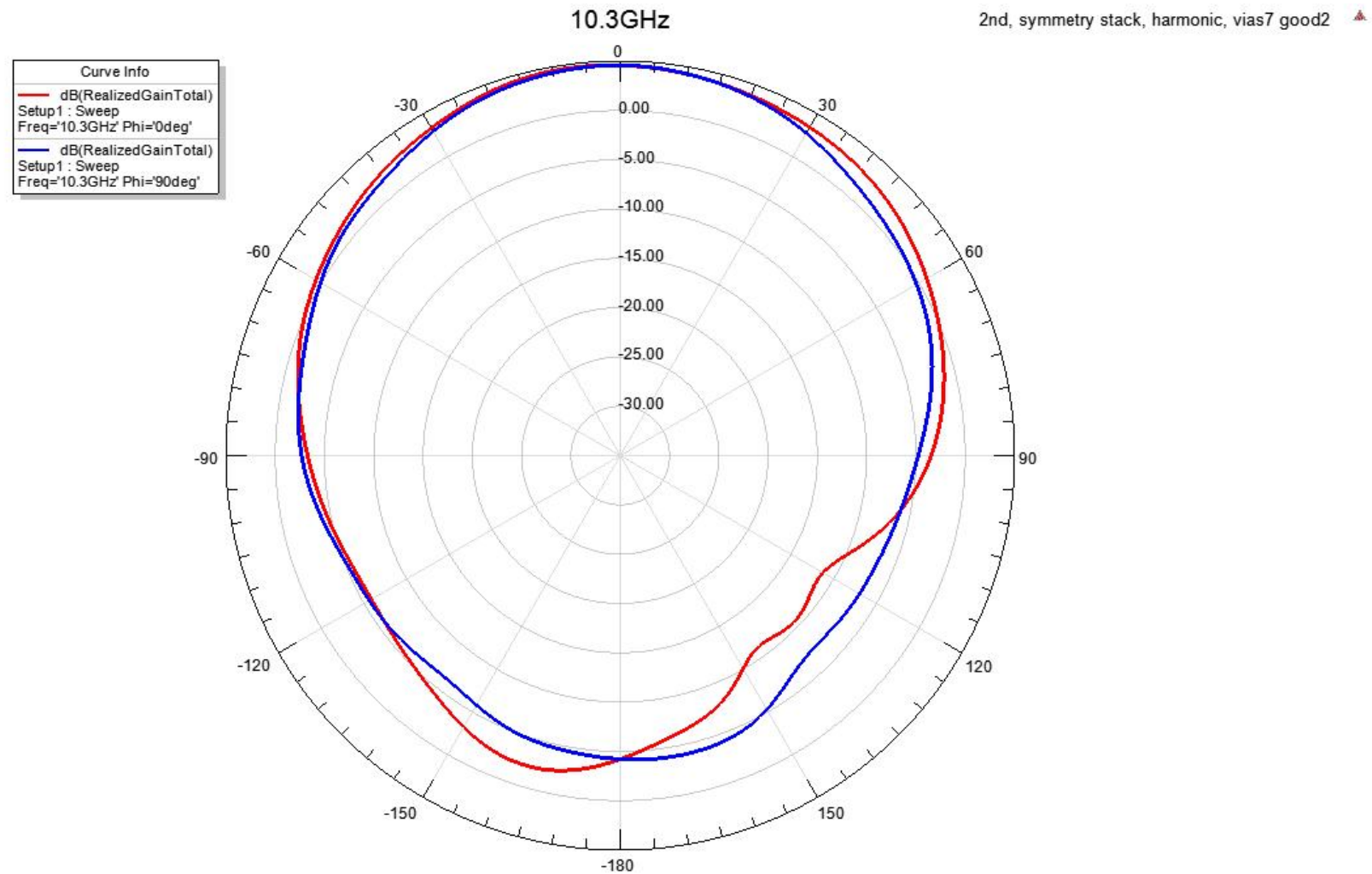
Port 1 Gain Pattern at 10.3GHz



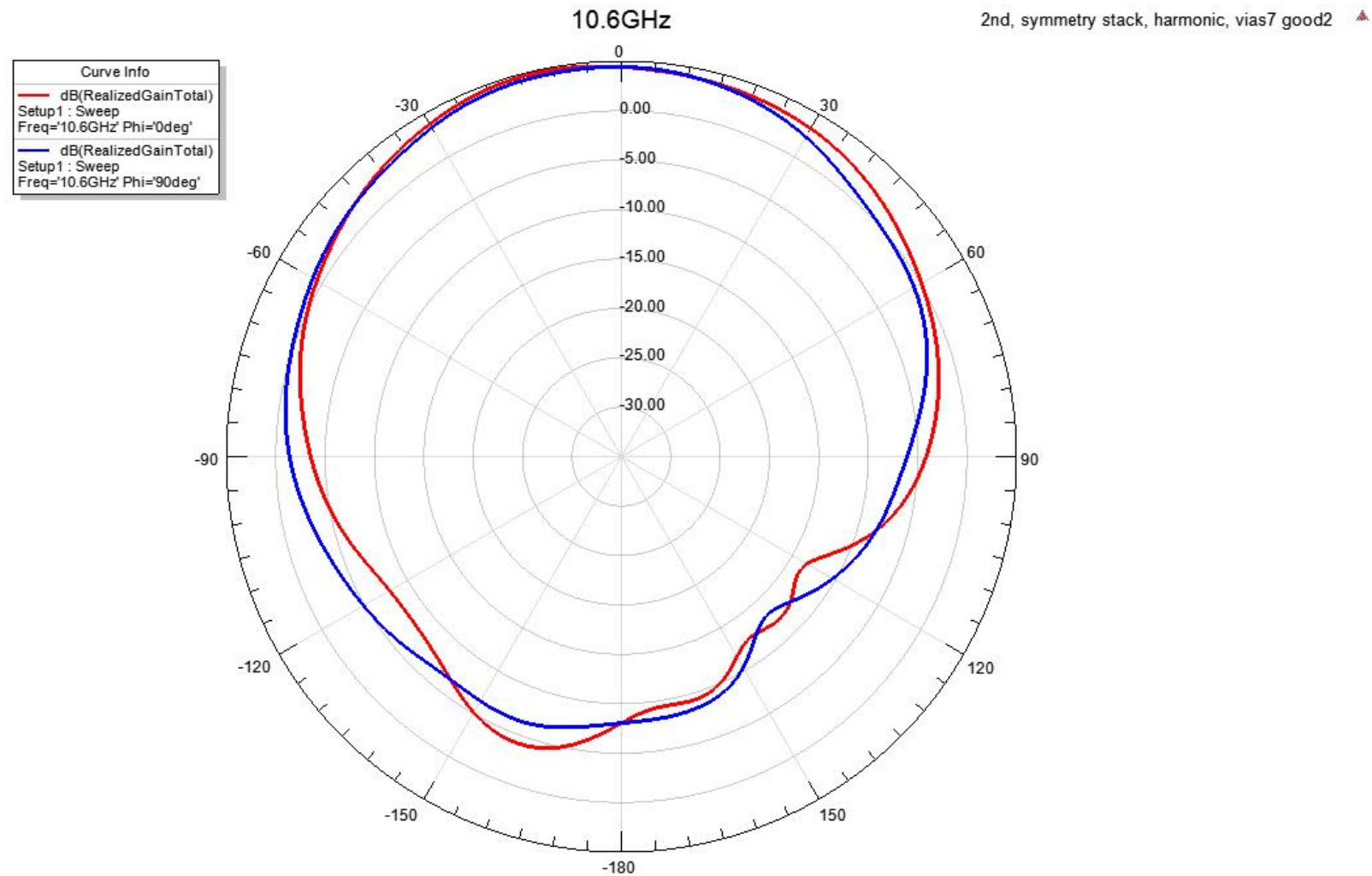
Port 1 Gain Pattern at 10.6GHz



Port 2 Gain Pattern at 10.3GHz



Port 2 Gain Pattern at 10.6GHz



Harmonic Peak Gain (諧波抑制)

