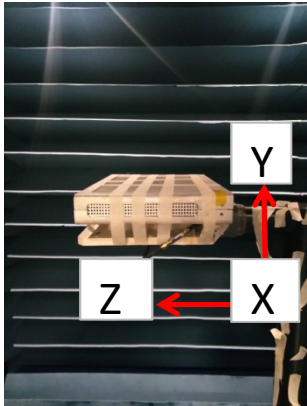




BT Antenna Efficiency of Versa X1

Lanner

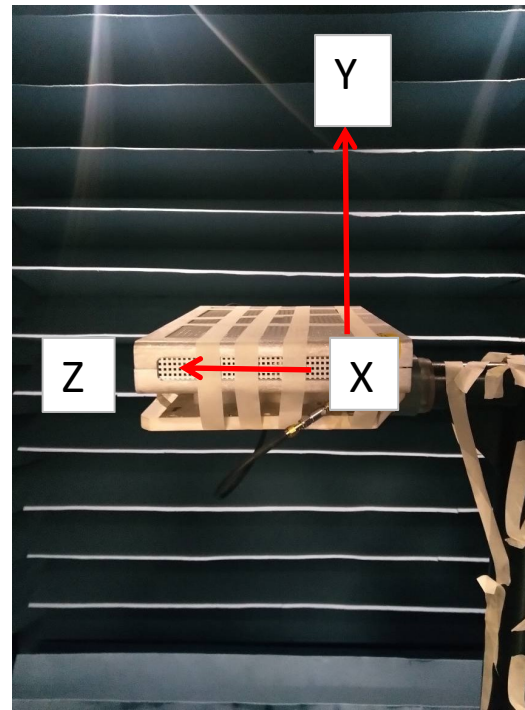
S-Parameter test



Antenna efficiency

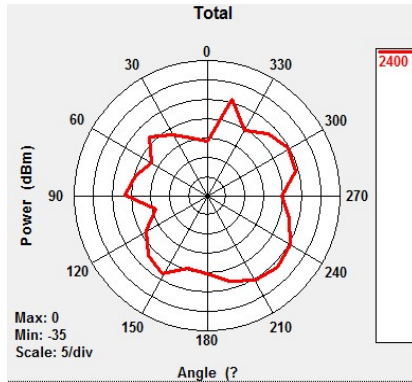
❖ Efficiency : BT

Frequency (MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Gain (dBi)	-4.23792	-4.44321	-4.63366	-4.26527	-4.17263	-3.90284	-3.75772	-3.49855	-2.96458	-2.592	-1.8644
Efficiency (%)	7.2898	7.14108	8.31456	9.6187	10.8227	12.2522	13.6156	14.572	15.5109	15.8086	17.364

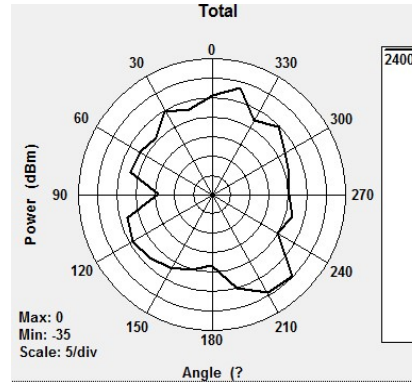


Antenna 2D Patten

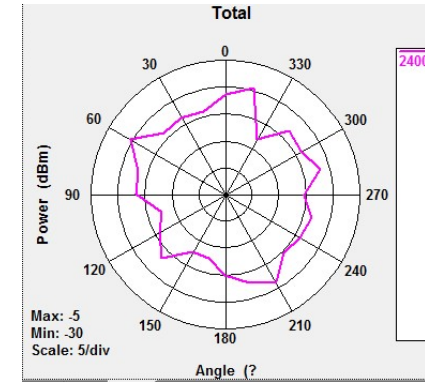
❖ Frequency : 2400 MHz



X-Y

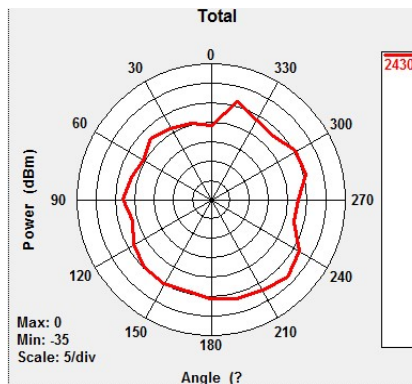


Y-Z

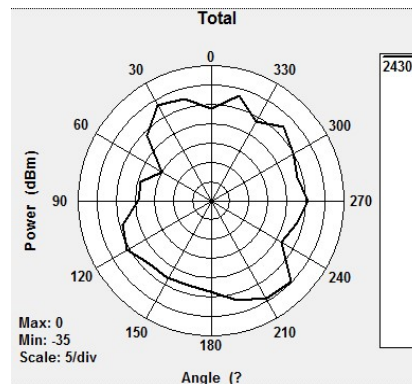


X-Z

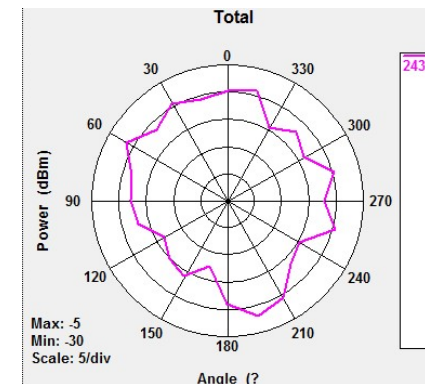
❖ Frequency : 2430 MHz



X-Y



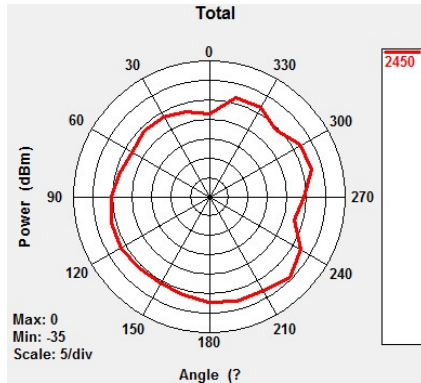
Y-Z



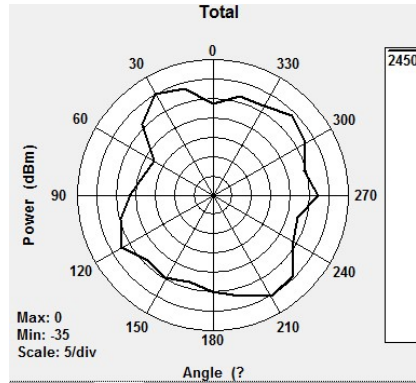
X-Z

Antenna 2D Patten

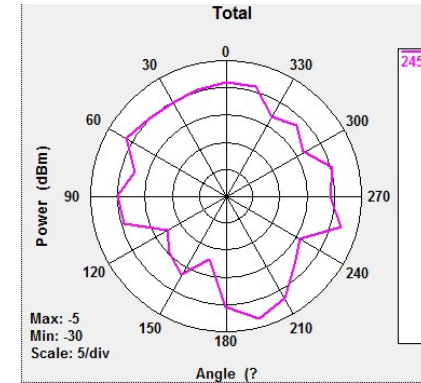
❖ Frequency : 2450 MHz



X-Y

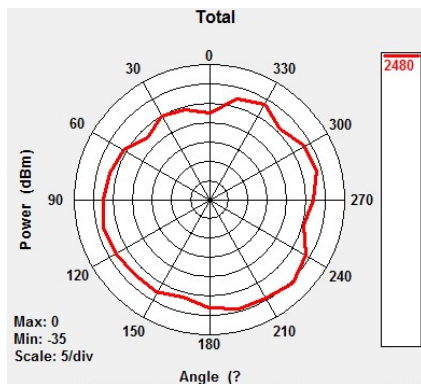


Y-Z

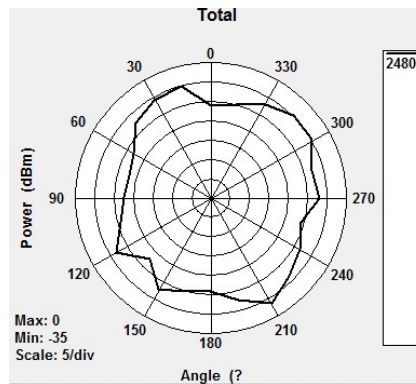


X-Z

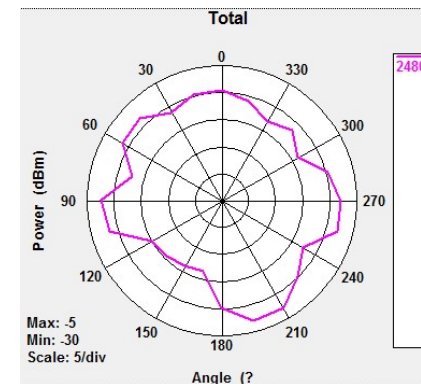
❖ Frequency : 2480 MHz



X-Y



Y-Z



X-Z

Antenna Photos:

2.4GHz BT Antenna

