

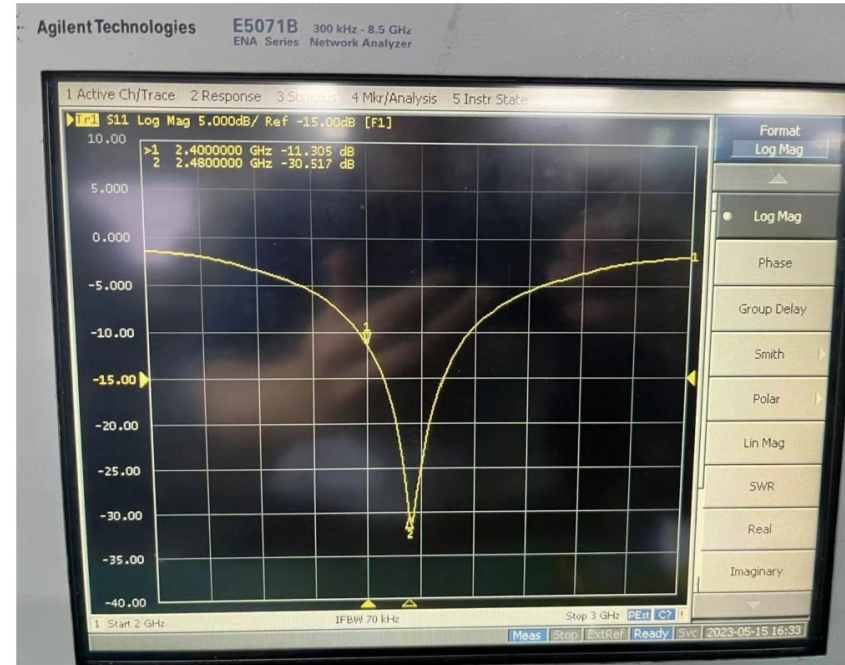
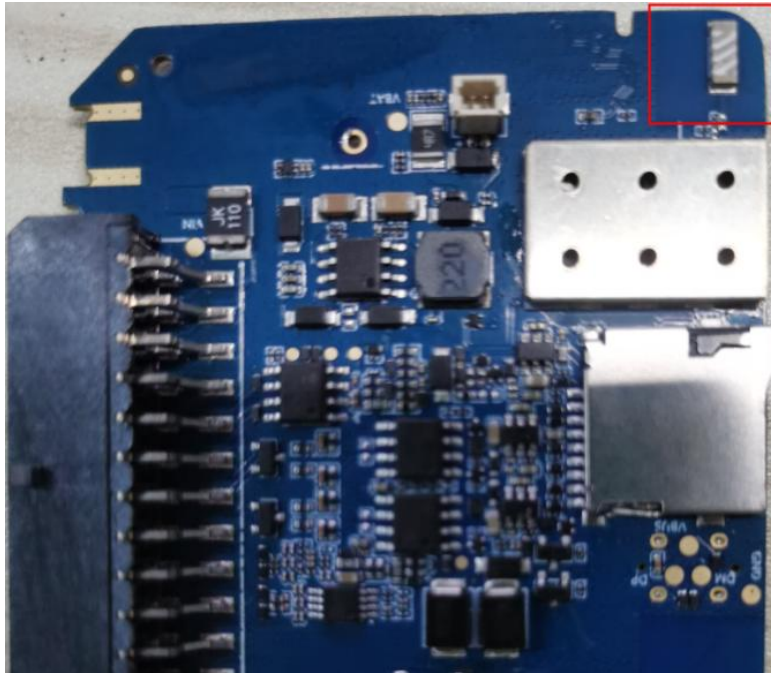
HeroX 100 Antenna Report

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Hi-tech Industrial Nanshan District Shenzhen

Device Model: HeroX 100

Antenna Detail	Antenna Type	Bands & Frequency
Bluetooth Antenna	Passive Ceramic Antenna	Frequency: 2400~2480MHz

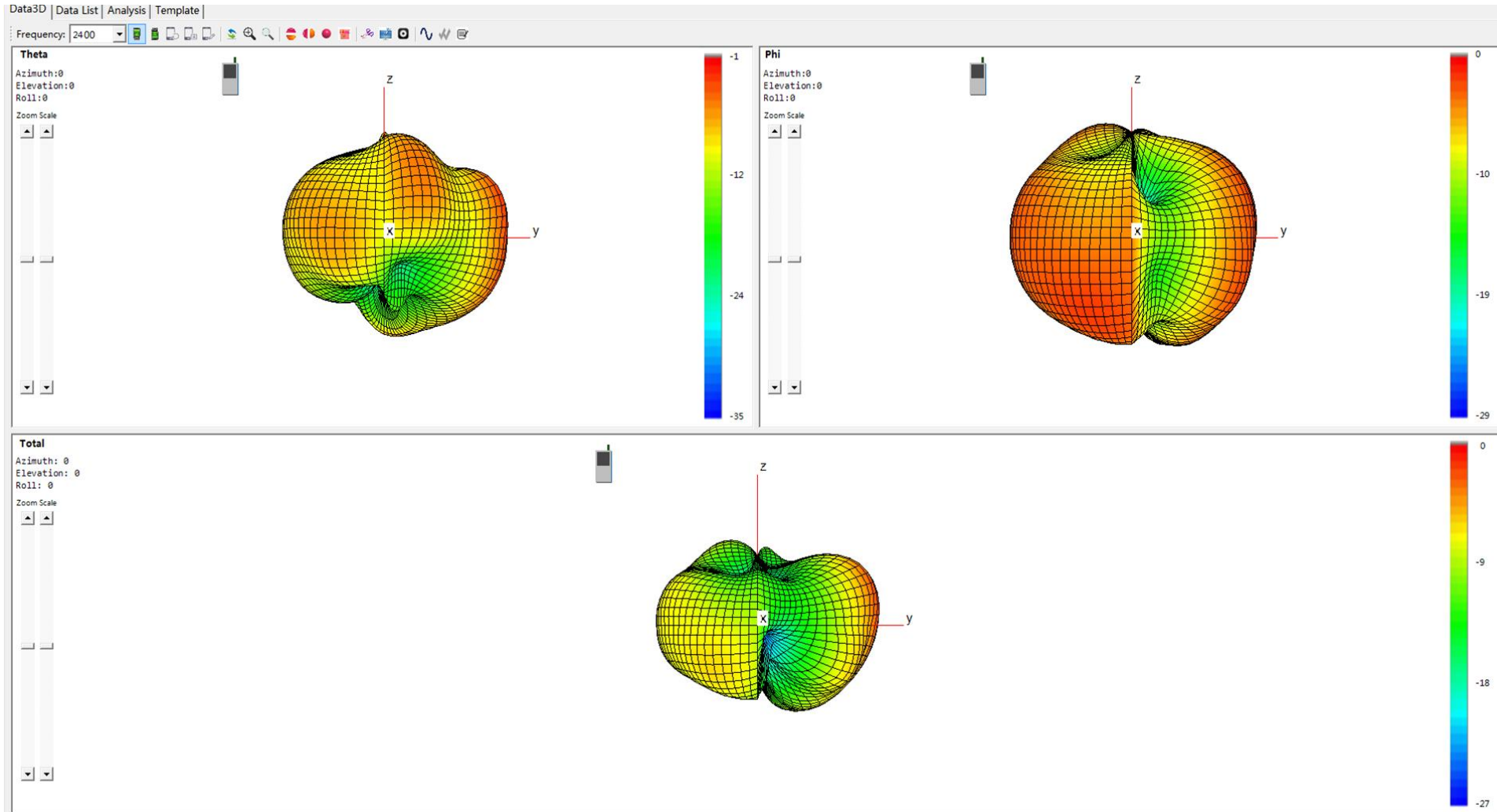
Bluetooth Antenna Performance — S11



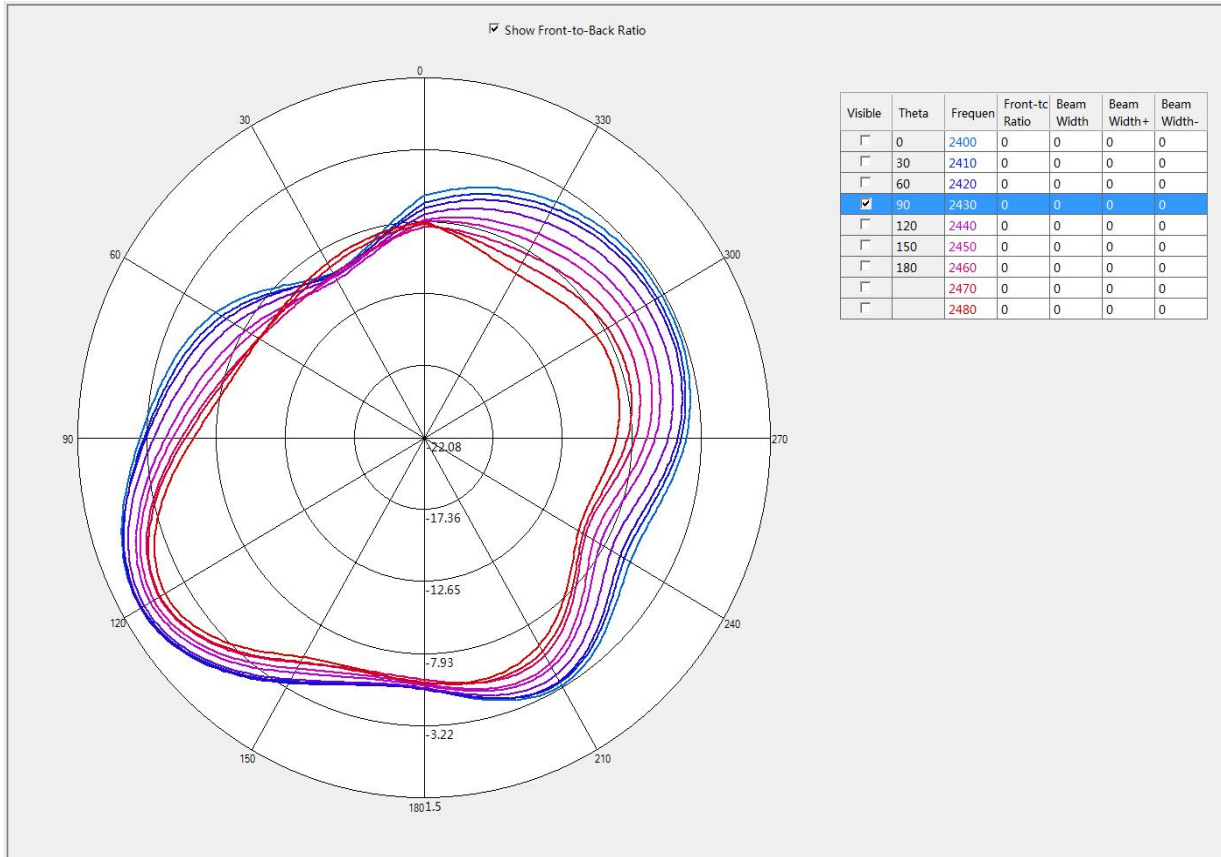
Bluetooth Antenna Performance — Efficiency and Gain

Frequency (MHz)	Efficiency (%)	Efficiency(dB)	Gain (dBi)
2400	46.3%	-3.35	0.92
2410	45.5%	-3.42	0.98
2420	45.2%	-3.45	1.09
2430	47.3%	-3.25	1.20
2440	44.3%	-3.53	0.96
2450	43.9%	-3.57	0.90
2460	42.7%	-3.69	0.86
2470	42.4%	-3.72	0.82
2480	41.3%	-3.84	0.81

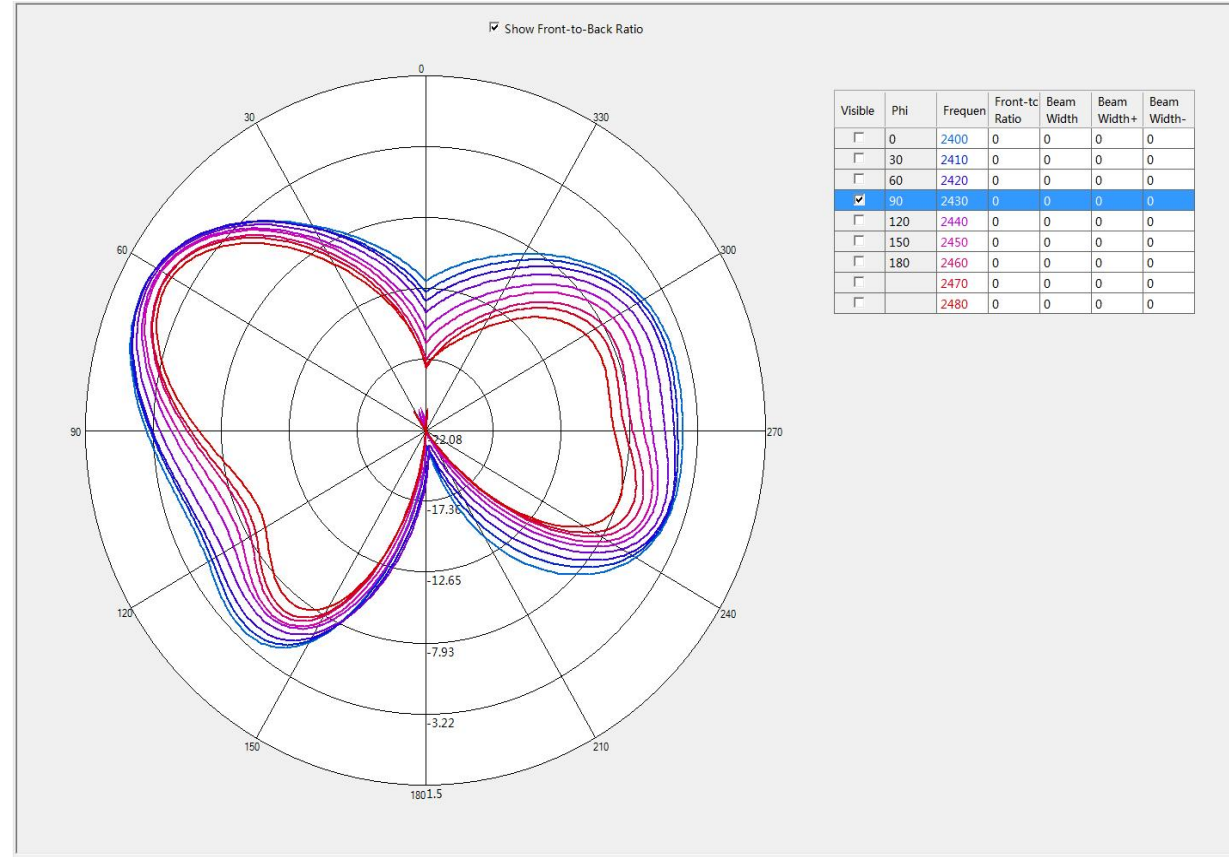
Bluetooth Antenna Performance — Antenna Pattern 1



Bluetooth Antenna Performance — Antenna Pattern 2

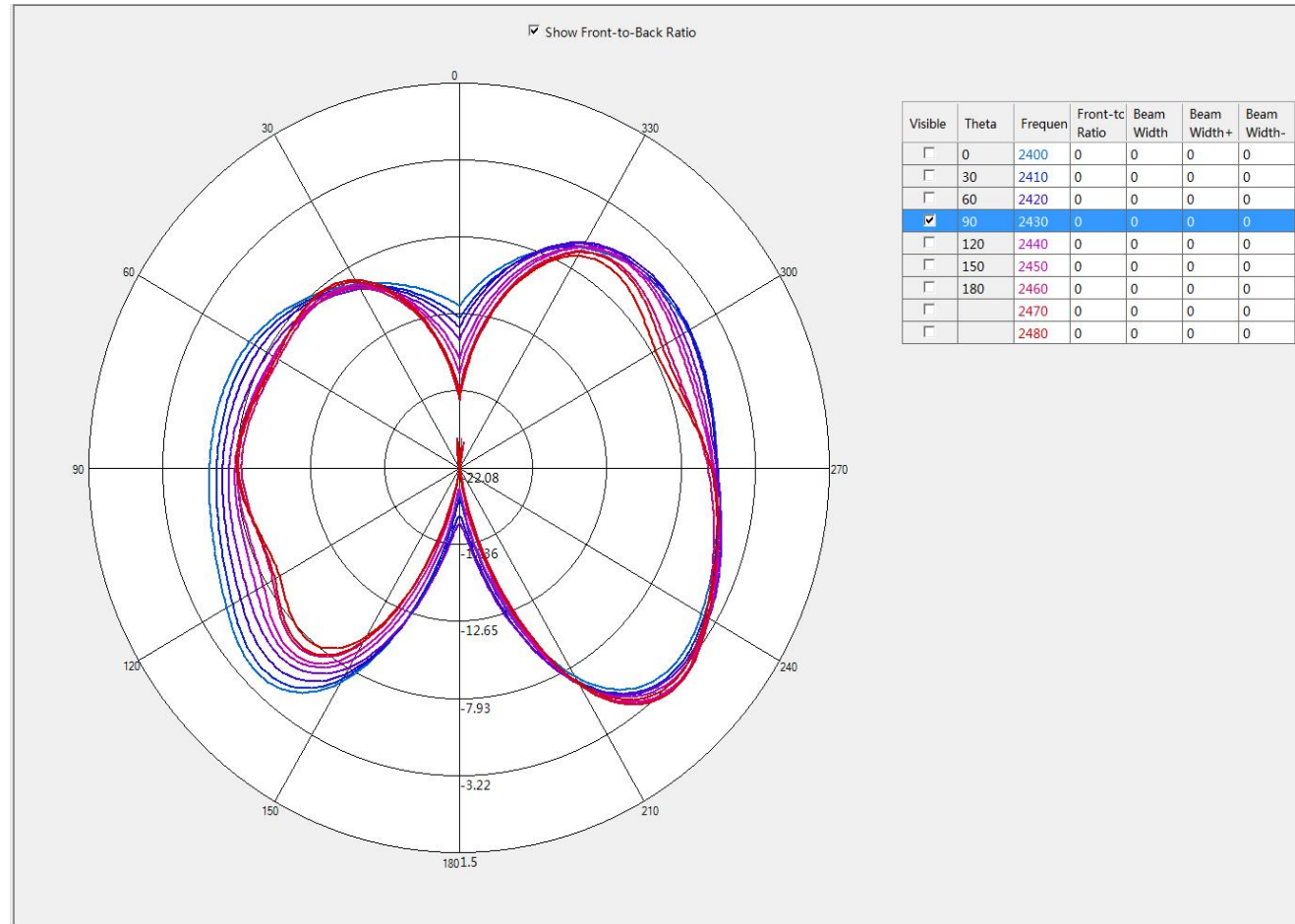


Theta=90°



Phi=90°

Bluetooth Antenna Performance — Antenna Pattern 3



Phi=0°

Thank you!



<https://www.linkedin.com/company/topflytech>



<https://www.youtube.com/channel/UCpb24abg40PMrJDeZLIbO5A>