

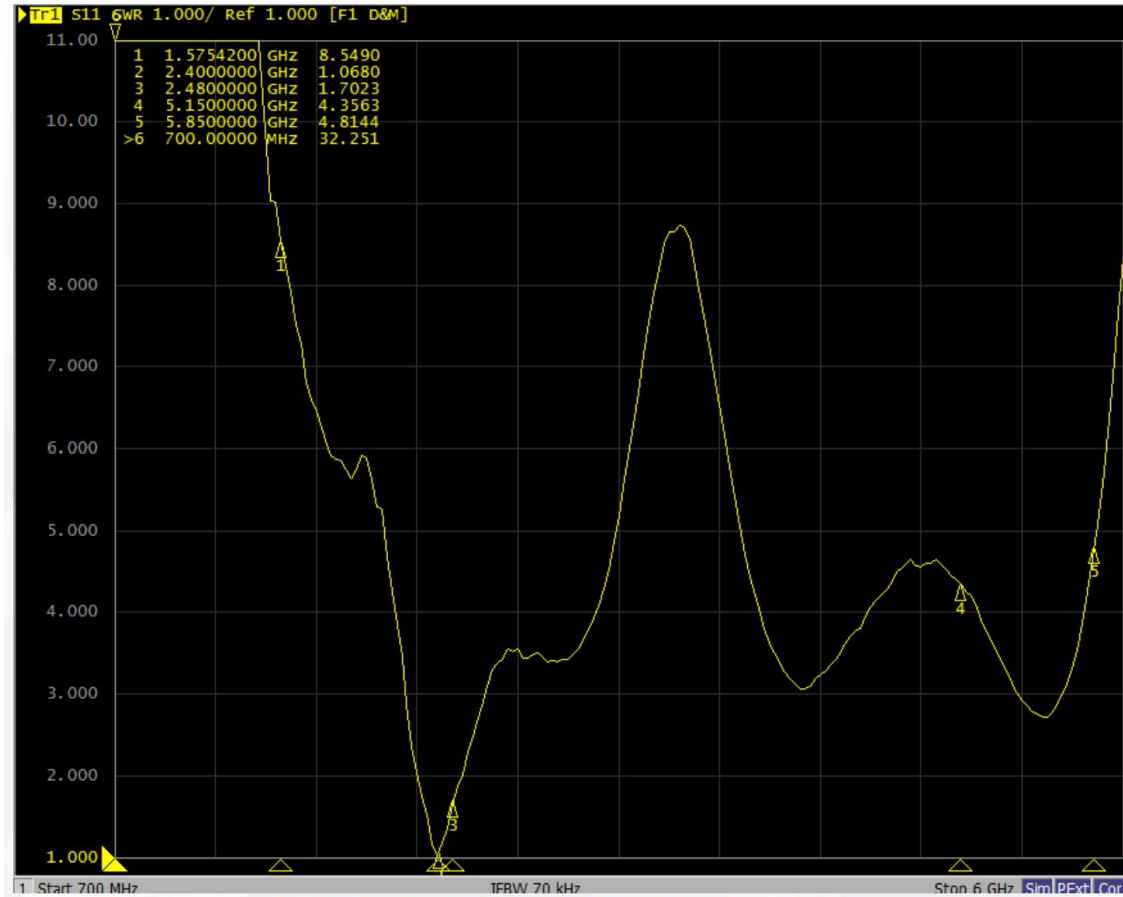
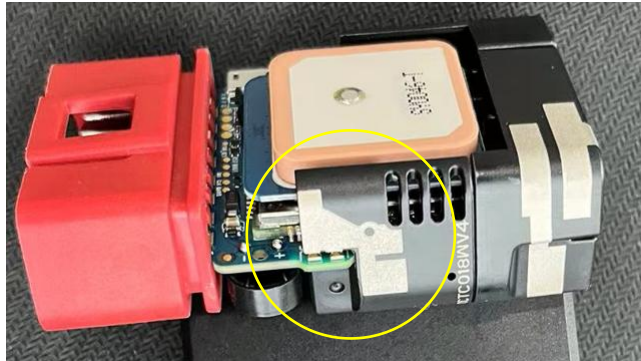
TorchX 100 Antenna Report

SHENZHEN TOPFLYtech CO., LIMITED
Add: Rm409 Scientific Research Building TsinghuaHi-tech Park
Hi-tech Industrial Nanshan District Shenzhen

Device Model: TorchX 100

Antenna Detail	Antenna Type	Bands & Frequency
Bluetooth Antenna	Internal LDS Antenna	Frequency: 2402~2480MHz

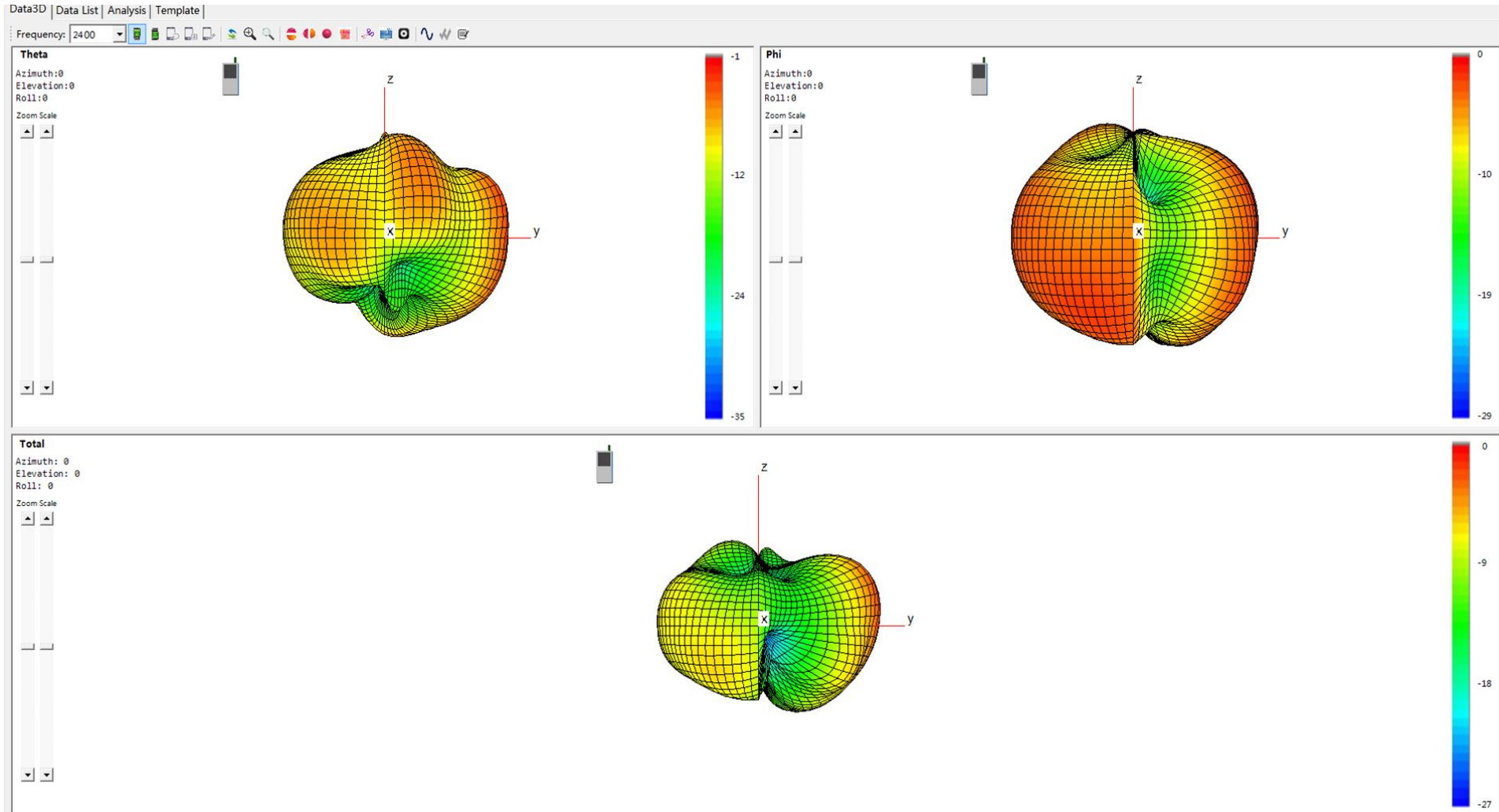
Bluetooth Antenna Performance — S11



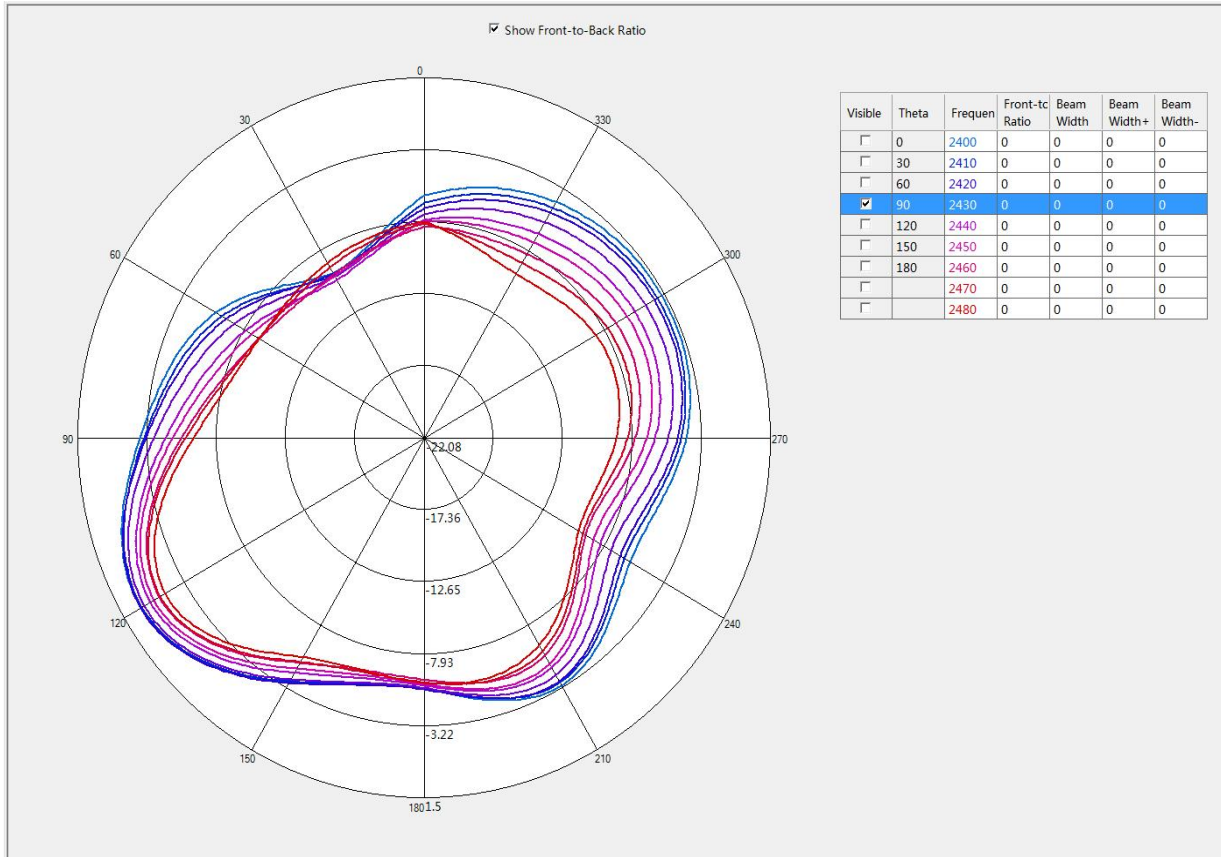
Bluetooth Antenna Performance — Efficiency and Gain

Frequency (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	0.23	-4.97	32
2410	-1.07	-5.93	26
2420	-1.91	-6.26	24
2430	0.56	-4.97	32
2440	1.16	-4.58	35
2450	1.21	-4.33	37
2460	0.97	-4.36	37
2470	1.00	-4.10	39
2480	0.85	-4.06	39
AVG	0.33	-4.84	33

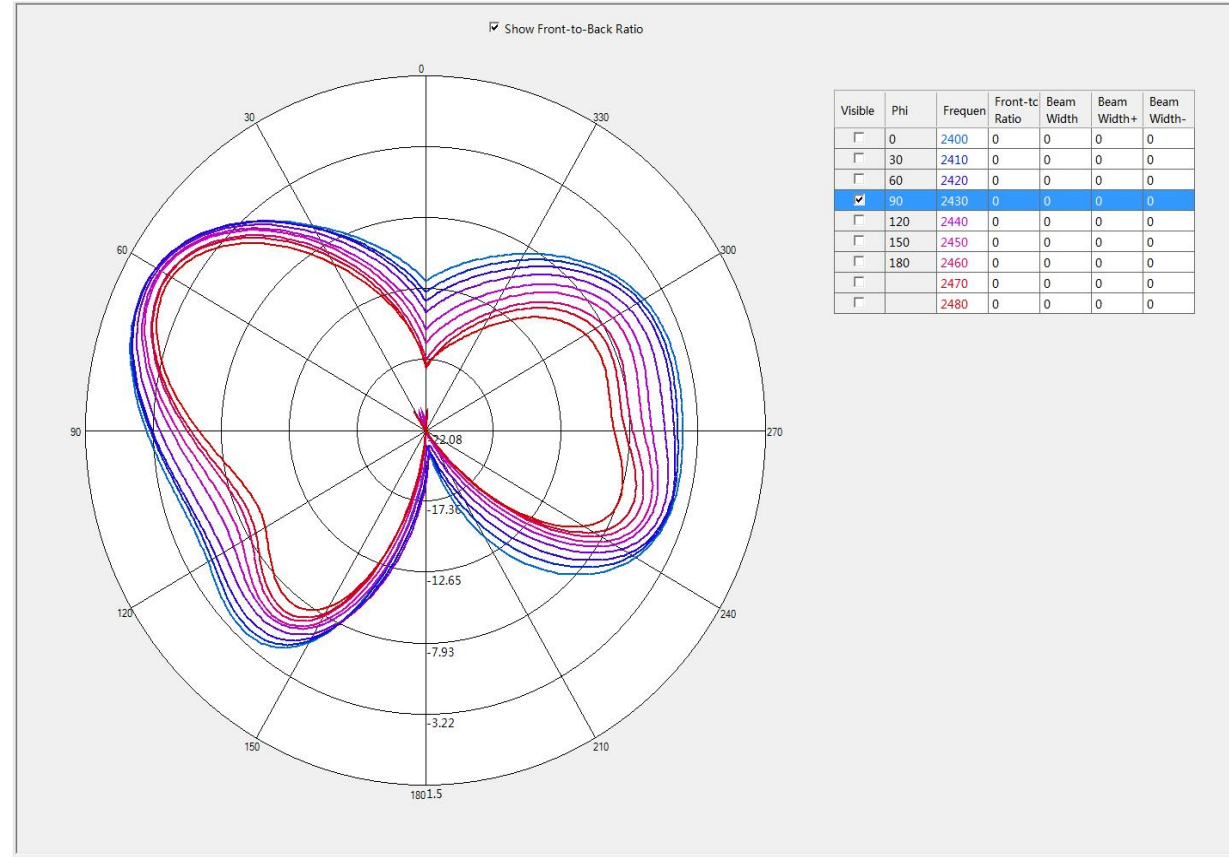
Bluetooth Antenna Performance — Antenna Pattern 1



Bluetooth Antenna Performance — Antenna Pattern 2

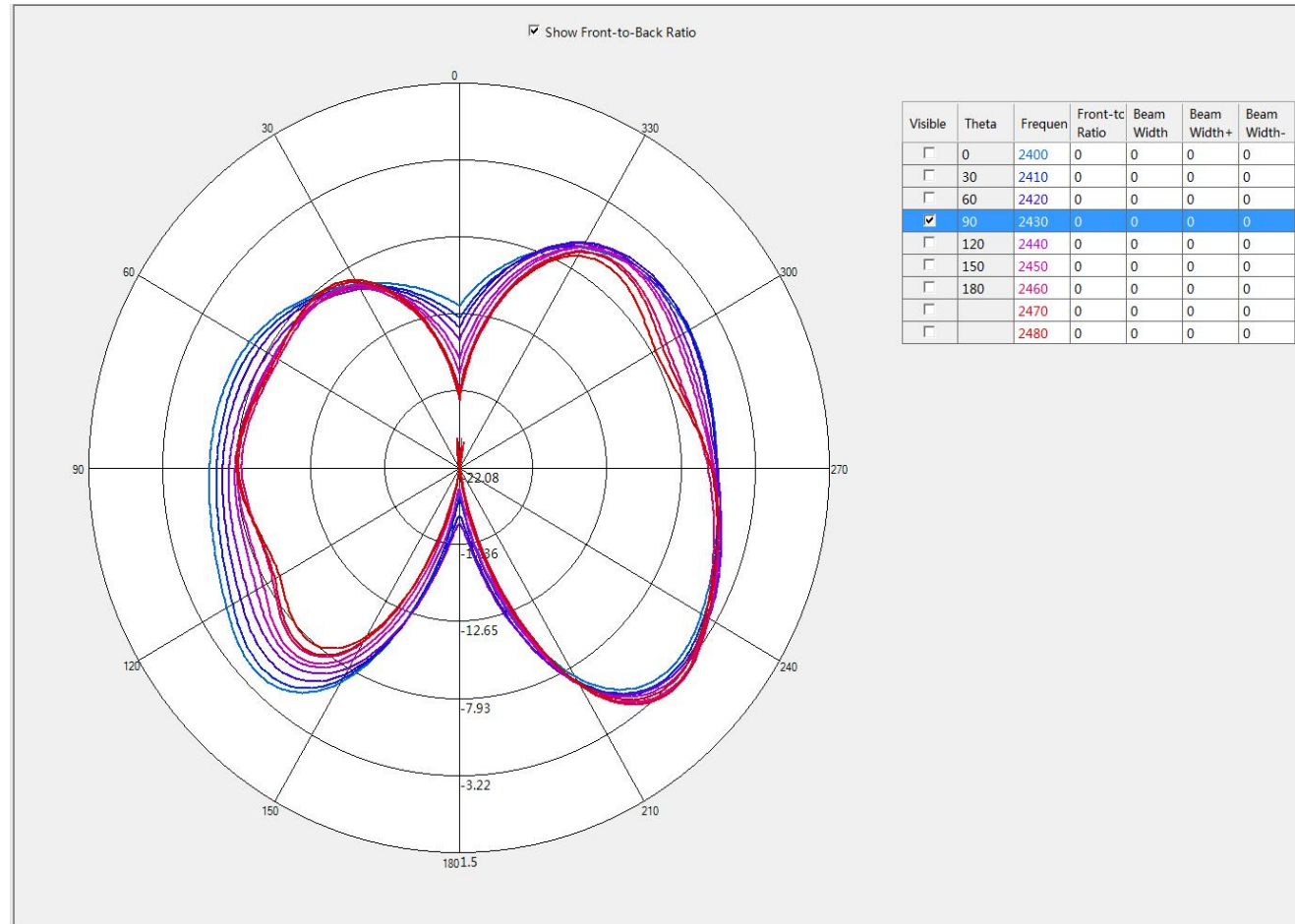


Theta=90°



Phi=90°

Bluetooth Antenna Performance — Antenna Pattern 3



Phi=0°

Bluetooth Antenna



Thank you!



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



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