

YAGEO 國巨

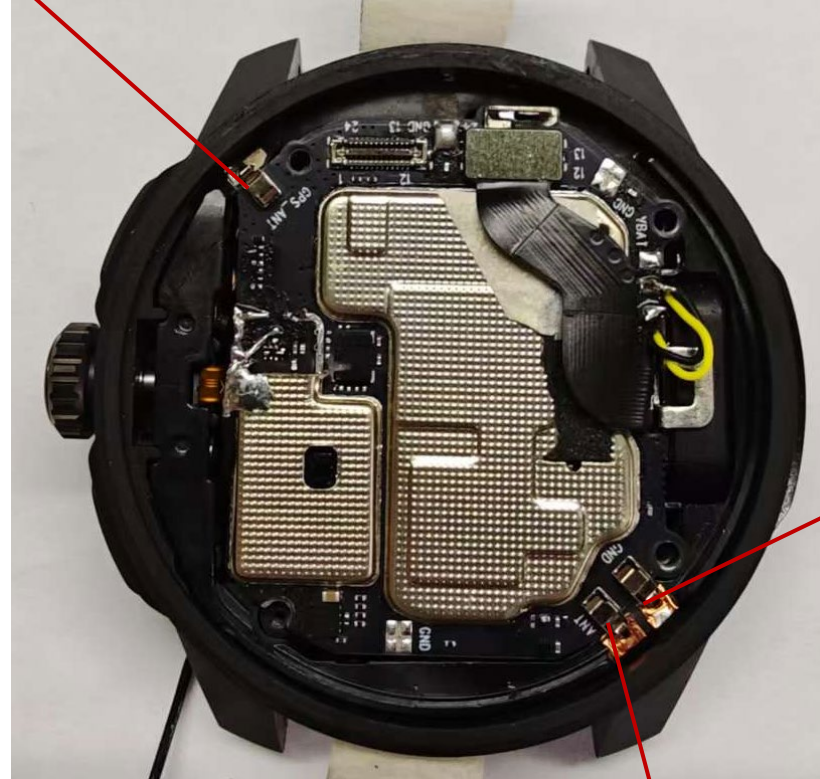
S10

Date 20250807



antenna placement

GPS馈

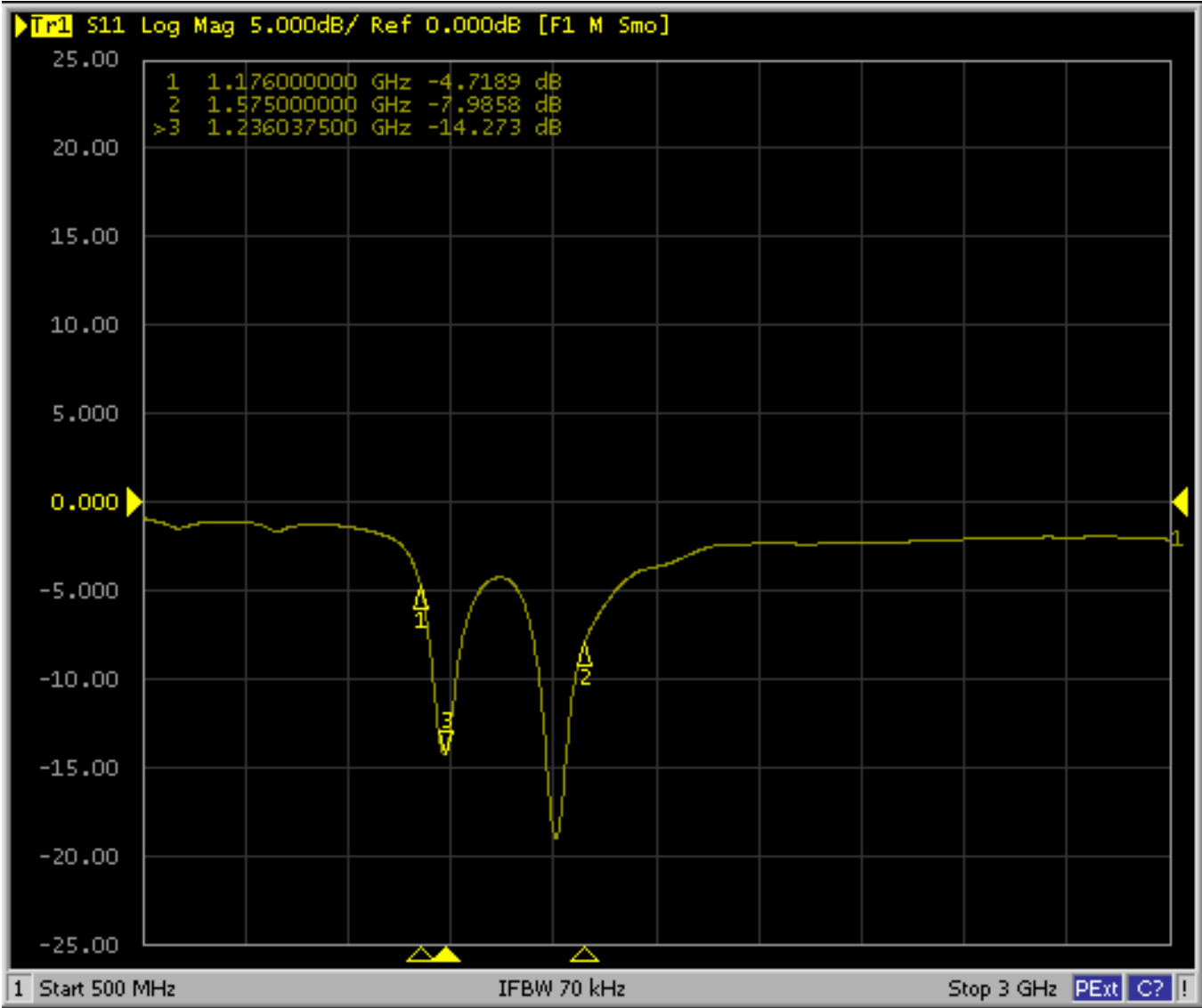


GPS地

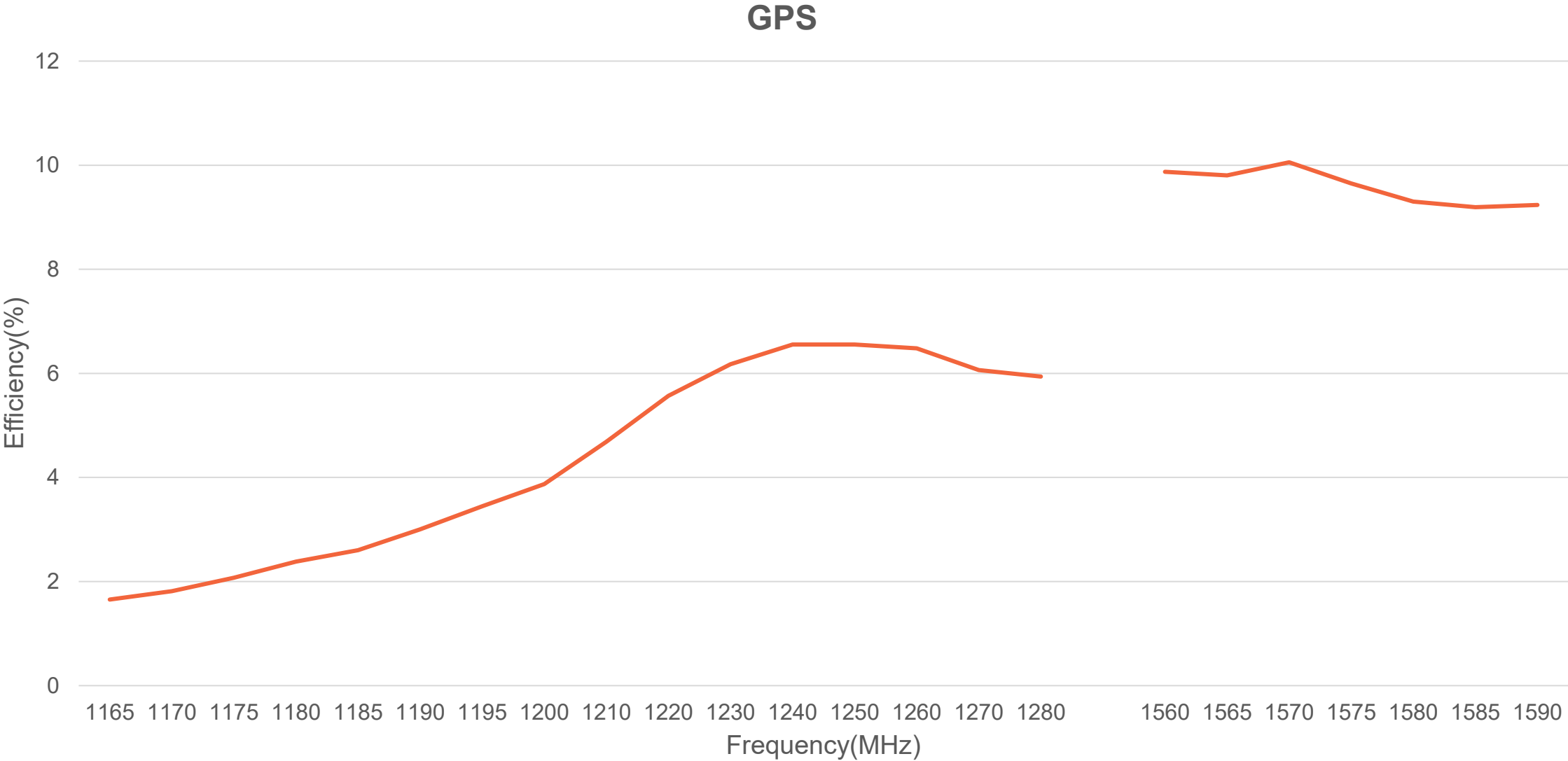
BT馈

目前布局

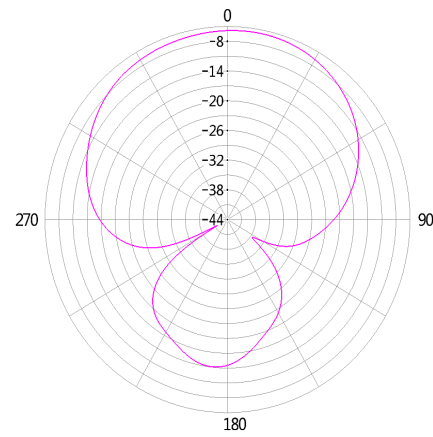
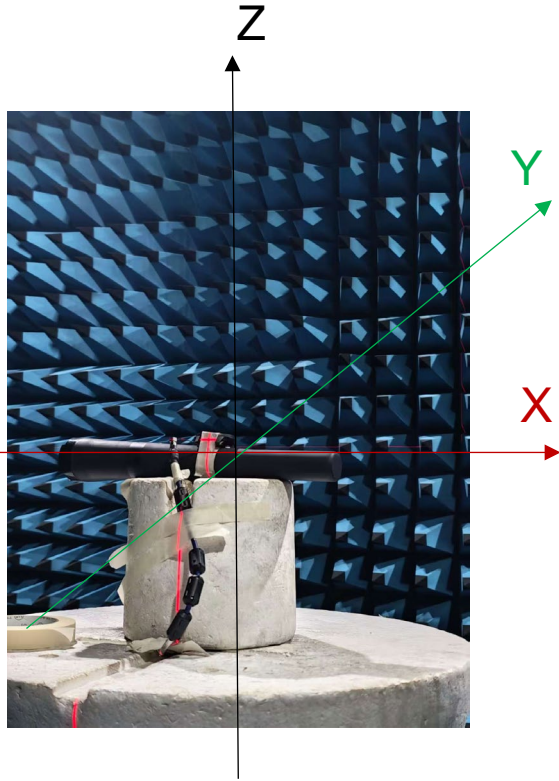
S11 (GPS)



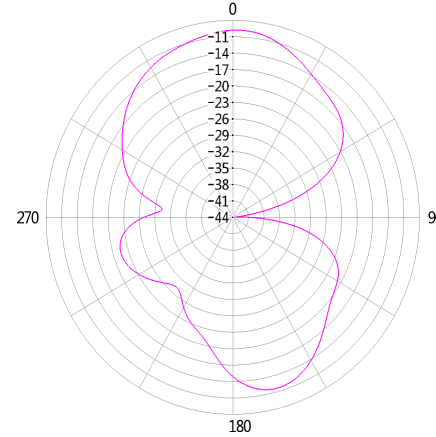
Efficiency (GPS)



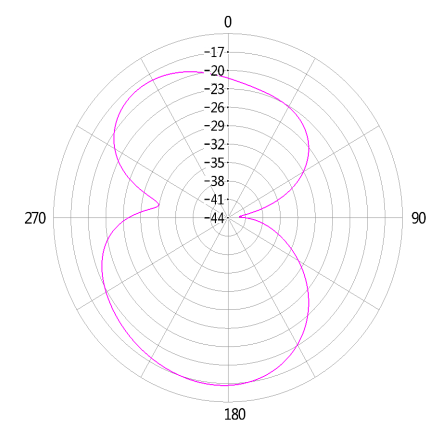
Radiation Pattern (L1)



Phi= 0 (X0Z)

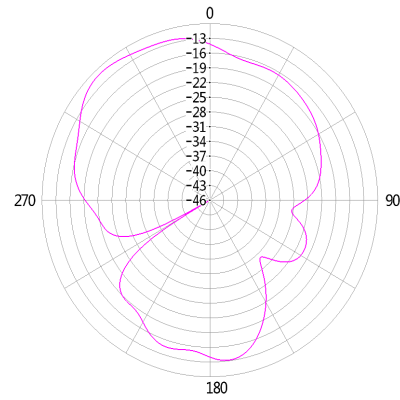
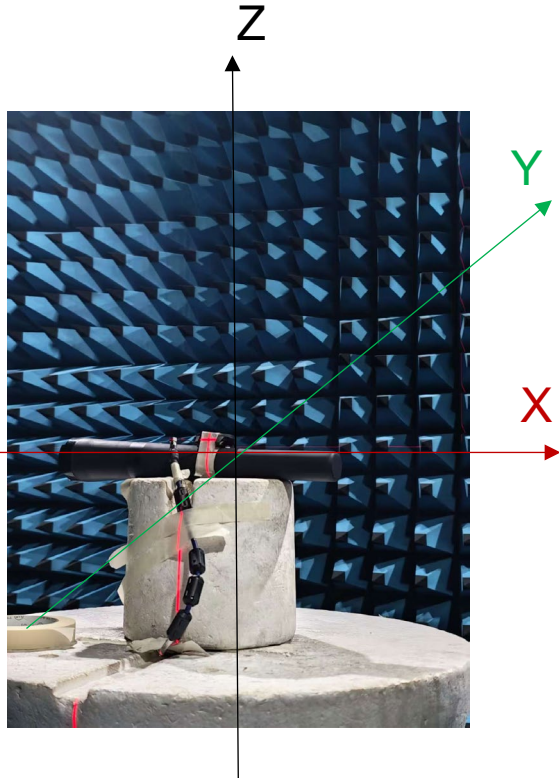


Phi= 90(Y0Z)

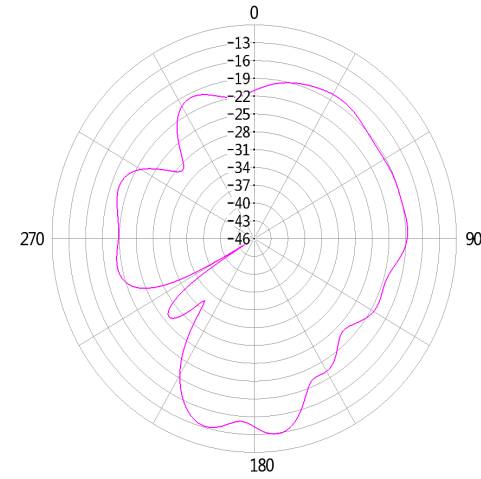


Theta= 90(X0Y)

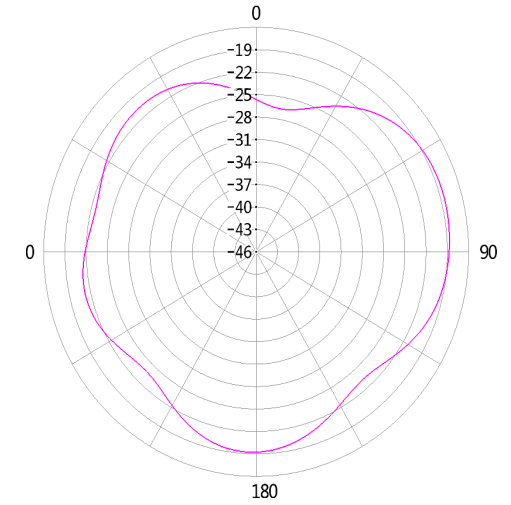
Radiation Pattern (L5)



Phi= 0 (X0Z)

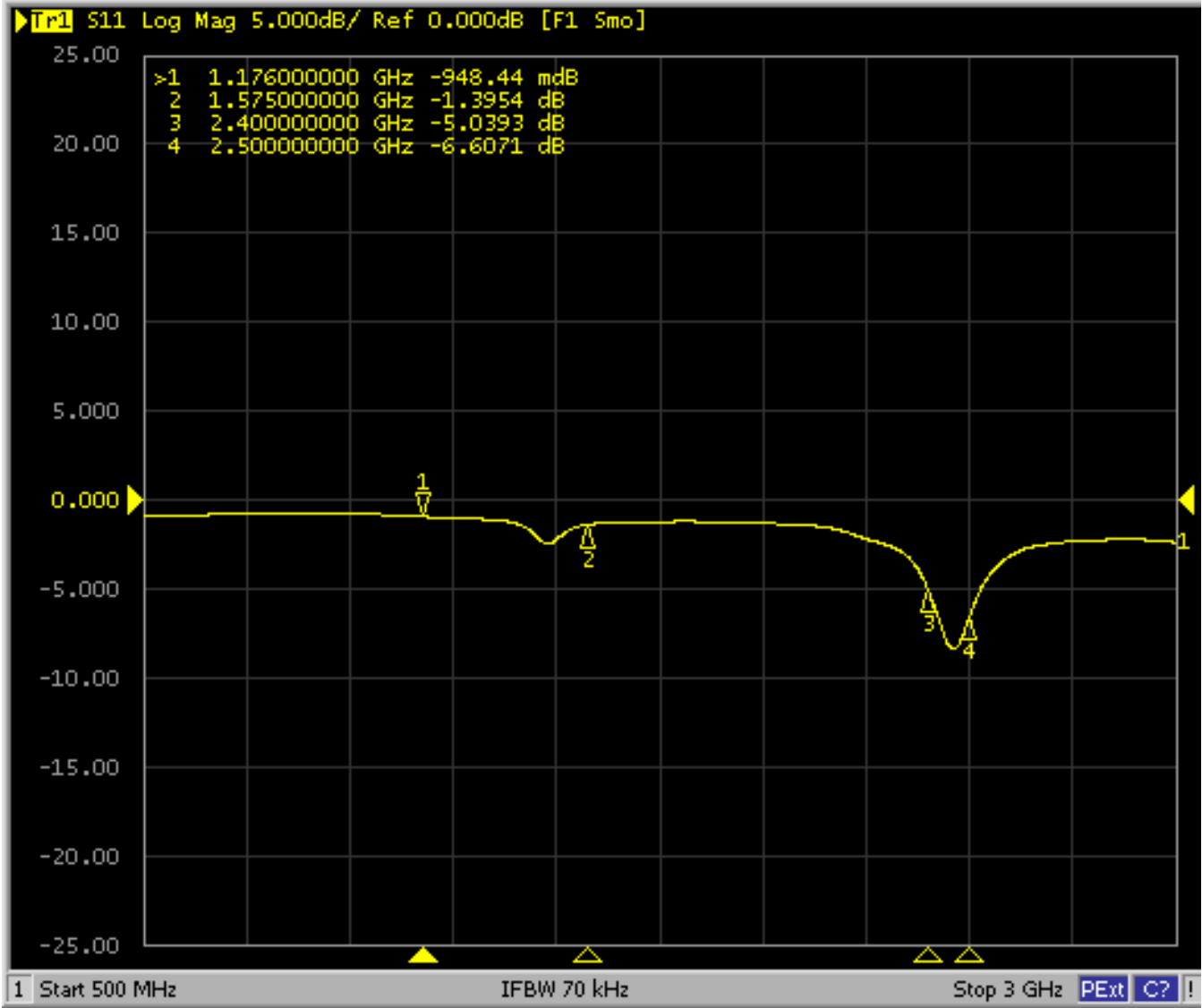


Phi= 90(Y0Z)

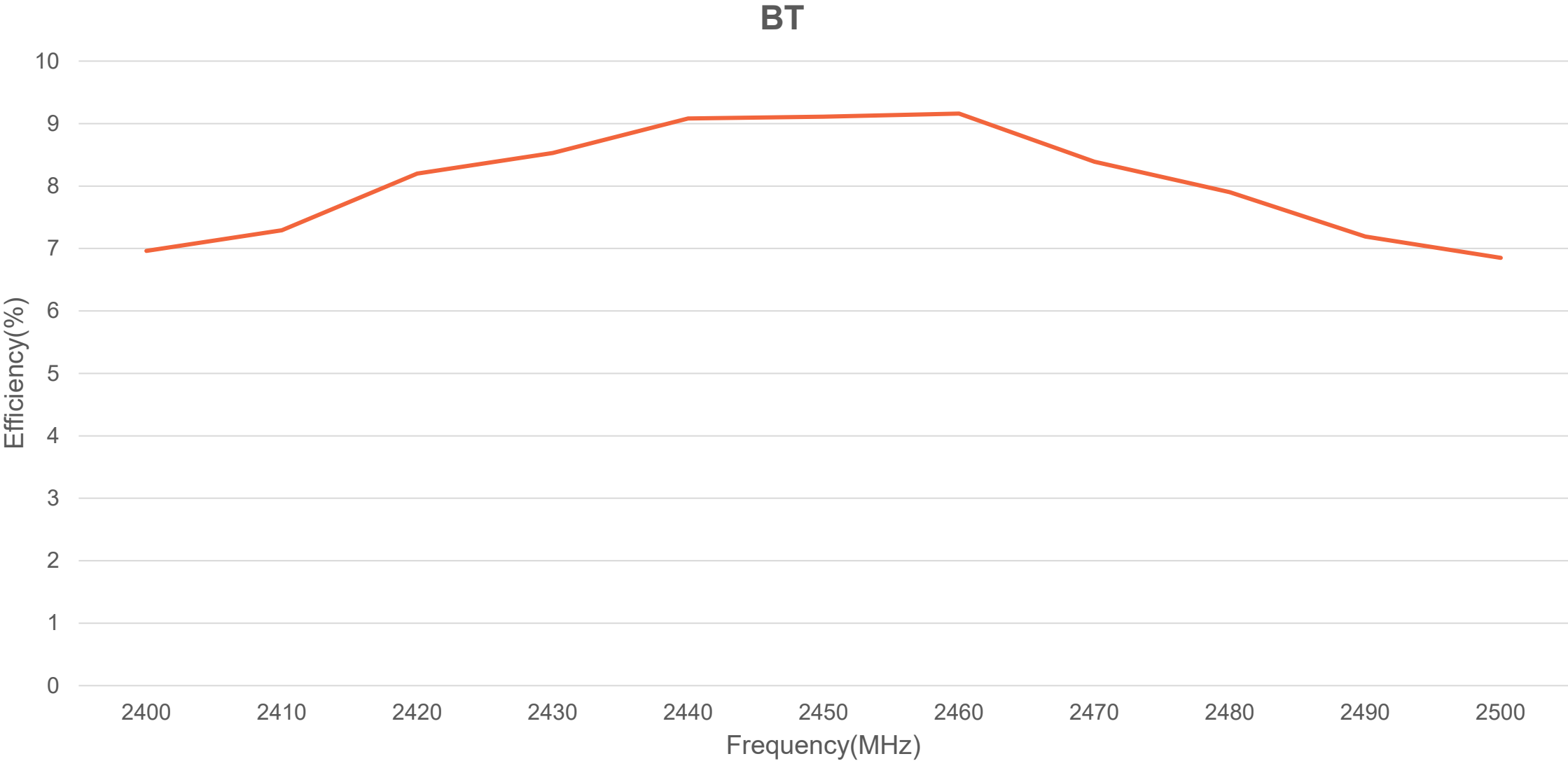


Theta= 90(X0Y)

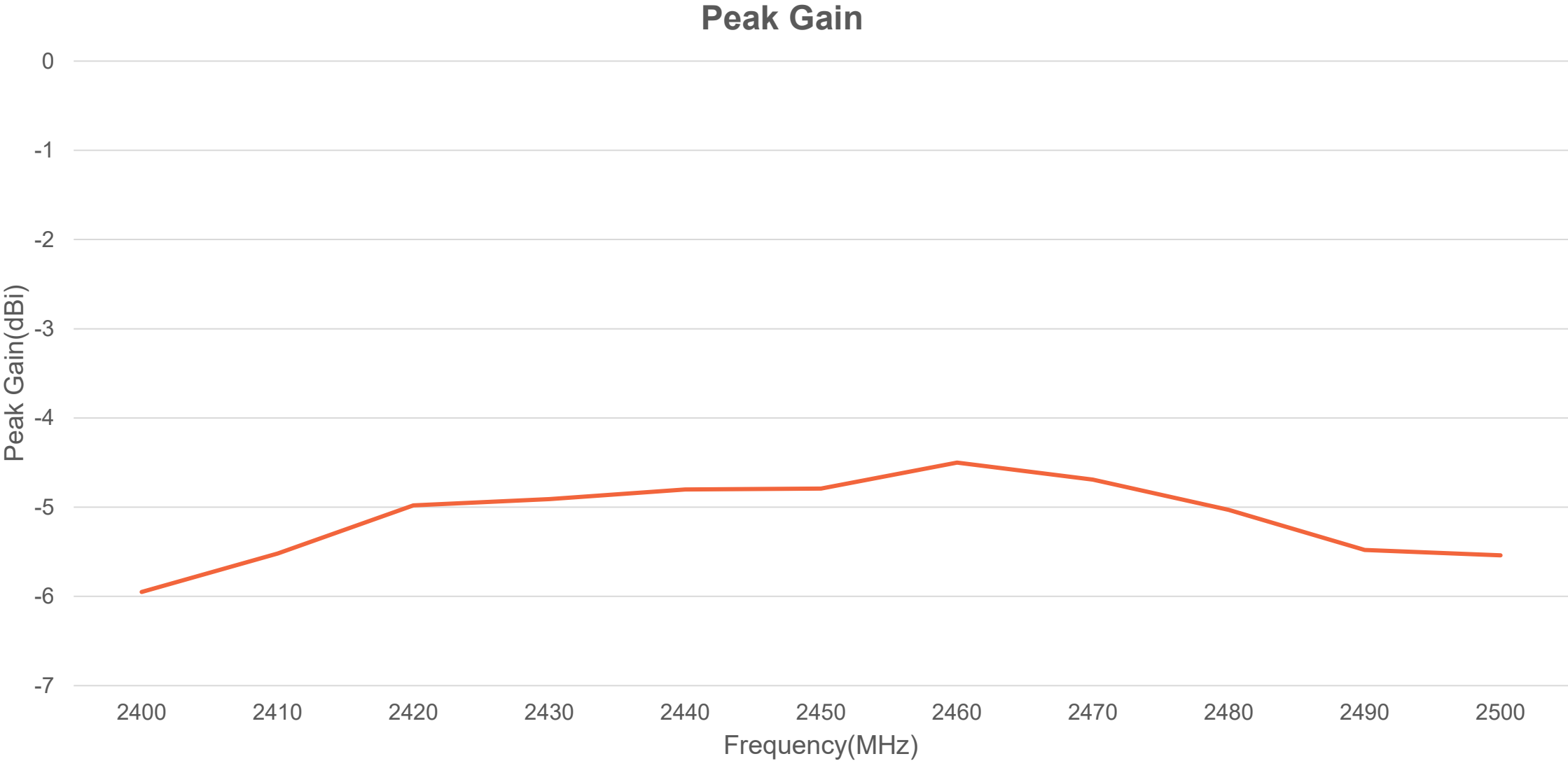
S11 (BT)



Efficiency (BT)

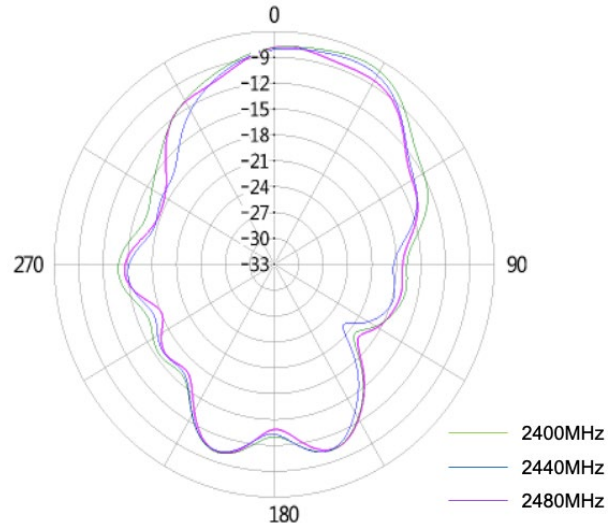
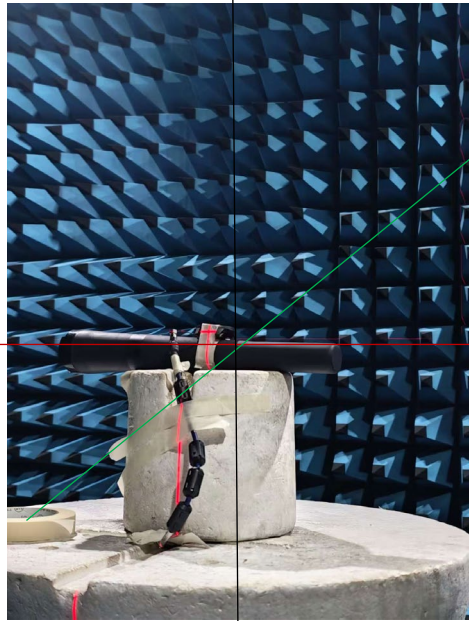


Peak Gain (BT)

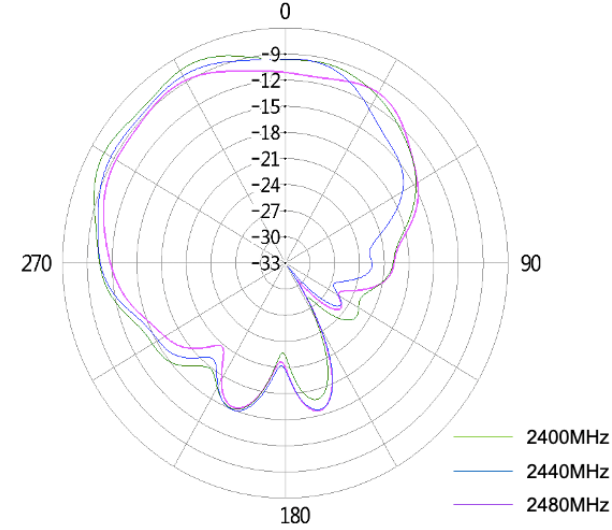


频率 frequency(MHz)	增益gain(dBi)	效率workpiece ratio(dB)	效率workpiece ratio(%)
2400	-5.95	-11.58	6.96
2410	-5.52	-11.37	7.29
2420	-4.98	-10.86	8.2
2430	-4.91	-10.69	8.53
2440	-4.8	-10.42	9.08
2450	-4.79	-10.4	9.11
2460	-4.5	-10.38	9.16
2470	-4.69	-10.76	8.39
2480	-5.03	-11.03	7.9
2490	-5.48	-11.43	7.19
2500	-5.54	-11.64	6.85

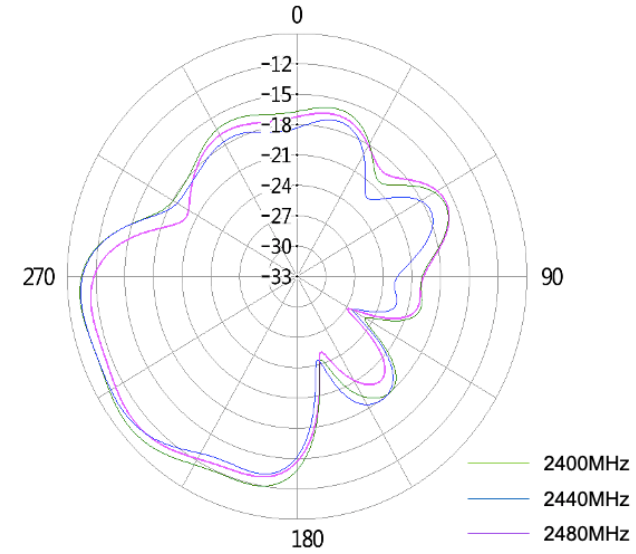
Radiation Pattern (BT)



$\Phi = 0$ (X0Z)



$\Phi = 90$ (Y0Z)



$\Theta = 90$ (X0Y)

室内indoor

BT 播放音乐测试
(背对着带手状态)
BT music playing
test (back to the
device with hands
free)

约14.4米(24步*0.6米步距)
Approximately 14.4 meters
(24 steps * 0.6 meters per
step)

BLE 连接APP测试
BLE connection
APP test

找手表功能暂无，测不了实际距离
The function for finding the watch is
currently unavailable. It cannot
measure the actual distance.

室外outdoor

约29.4米(49步*0.6米步距)
Approximately 29.4 meters
(49 steps * 0.6 meters per
step)



YAGEO
Group

Thank you!謝謝你!



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