

BT Audio Antenna Report

Product name	antenna
Manufacturer	Shantou Xinlianda Electronic Technology Co., Ltd.
Type	on board antenna

1. Gain and Efficiency

Frequency	Total. dB(dB)	Efficiency()
2402MHz	0.937002	29%
2441MHz	-0.40394	27%
2480MHz	-1.27924	25%

Gain form

Band wid	Peak Gain	Center frequency	Operating temperature
MHz	dBi	MHz	°C
≥100	0	2450	-40~+85 °C

2.VSWR



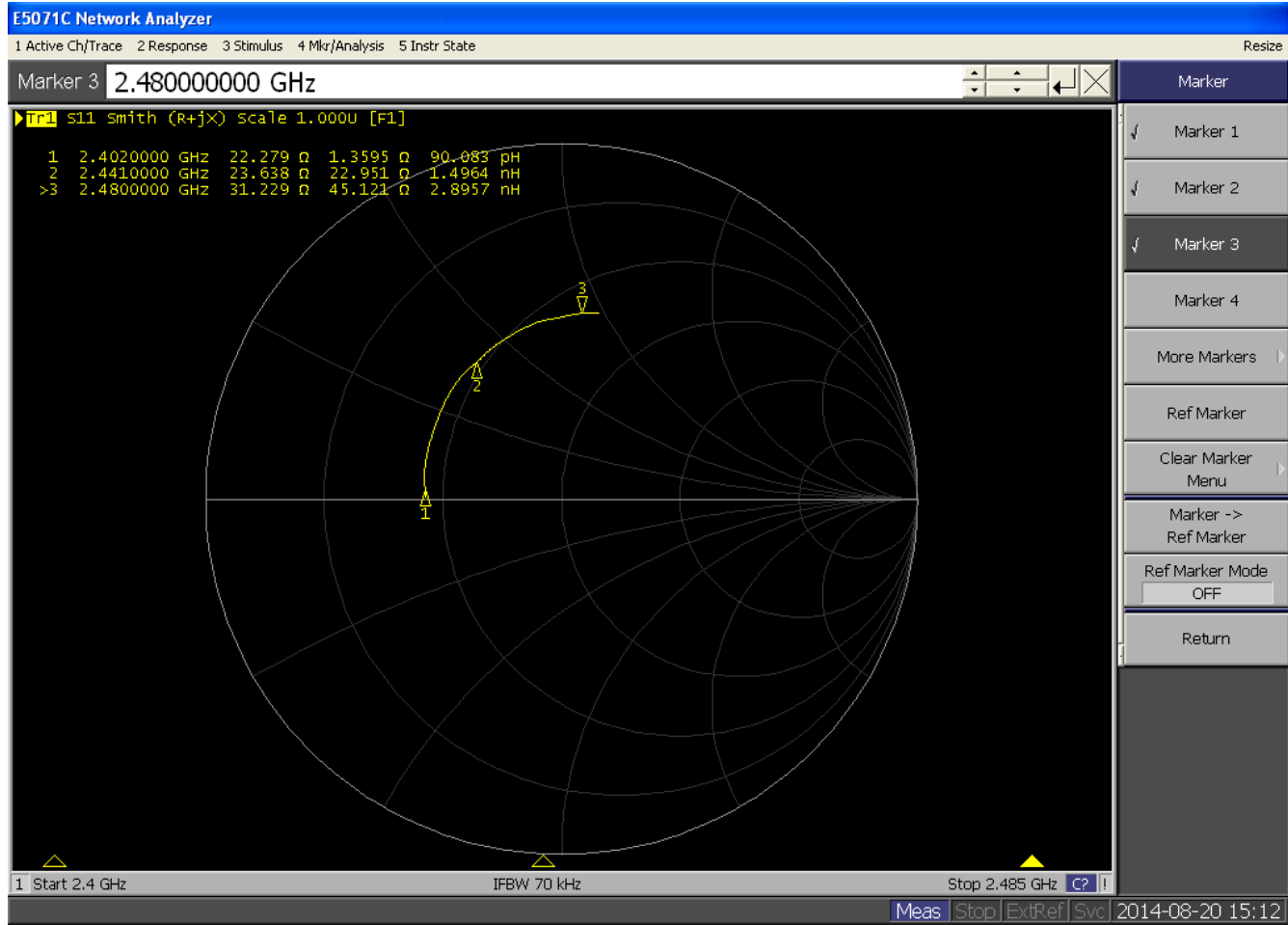
Frequence: VSWR

2.402Ghz 2.2510

2.441Ghz 2.6813

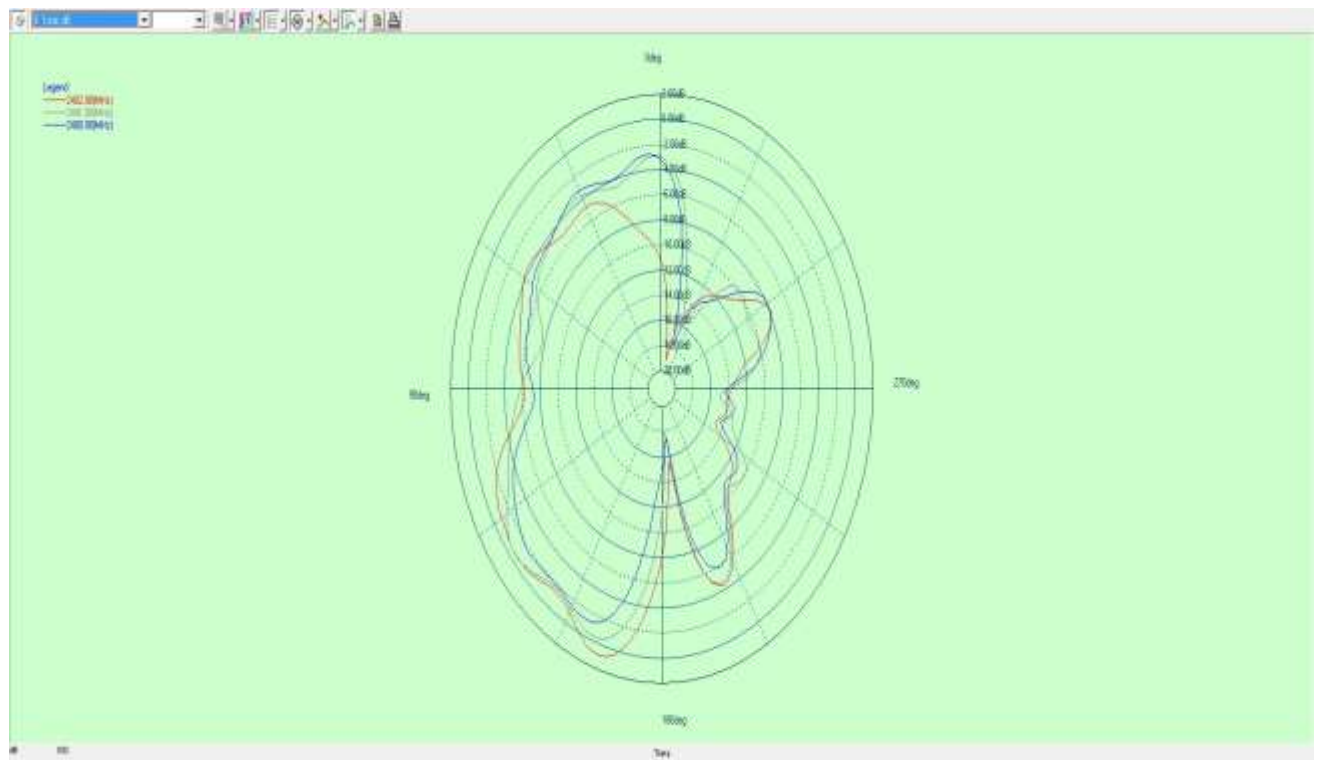
2.480Ghz 3.2046

Input impedance:

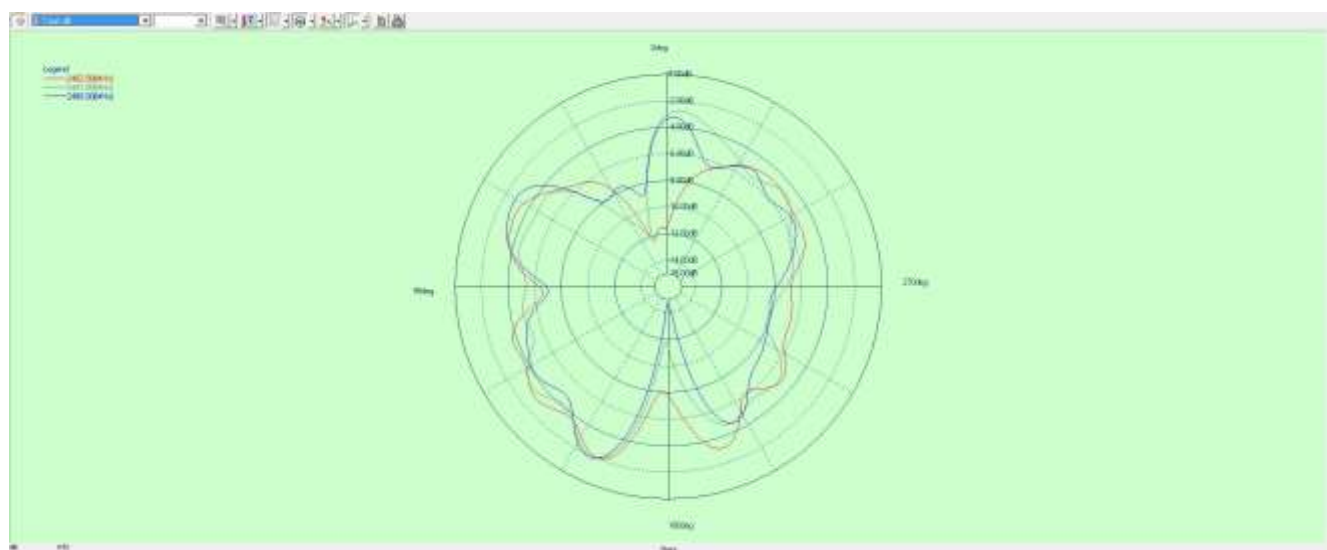


3.Radiation Pattern

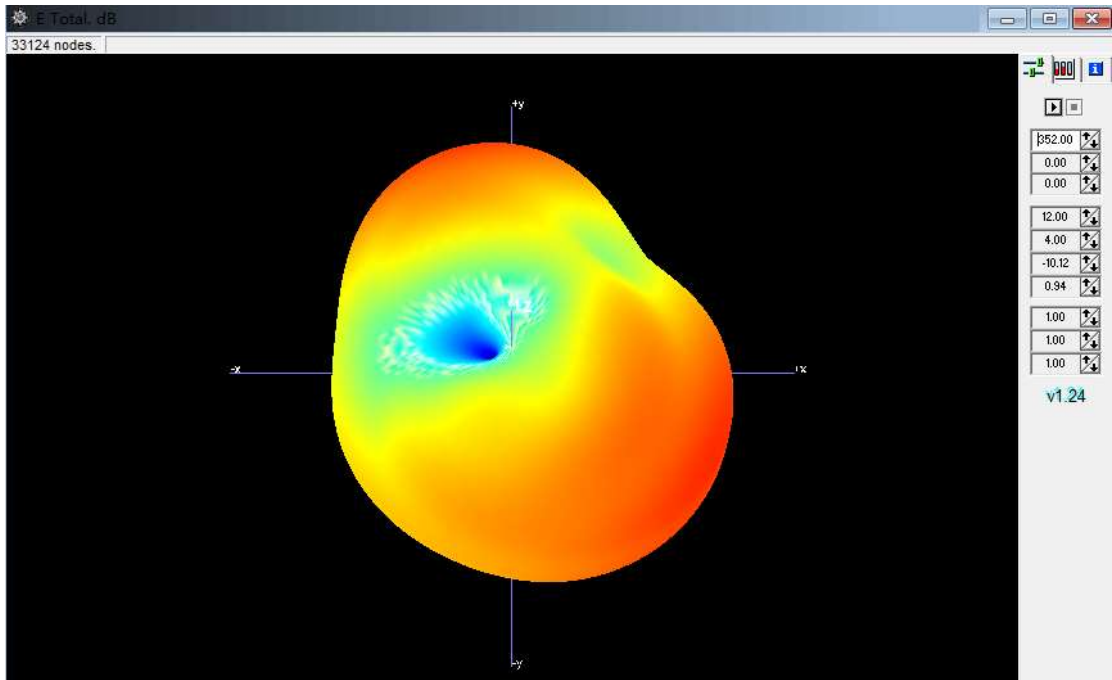
2D $\phi = 0$:



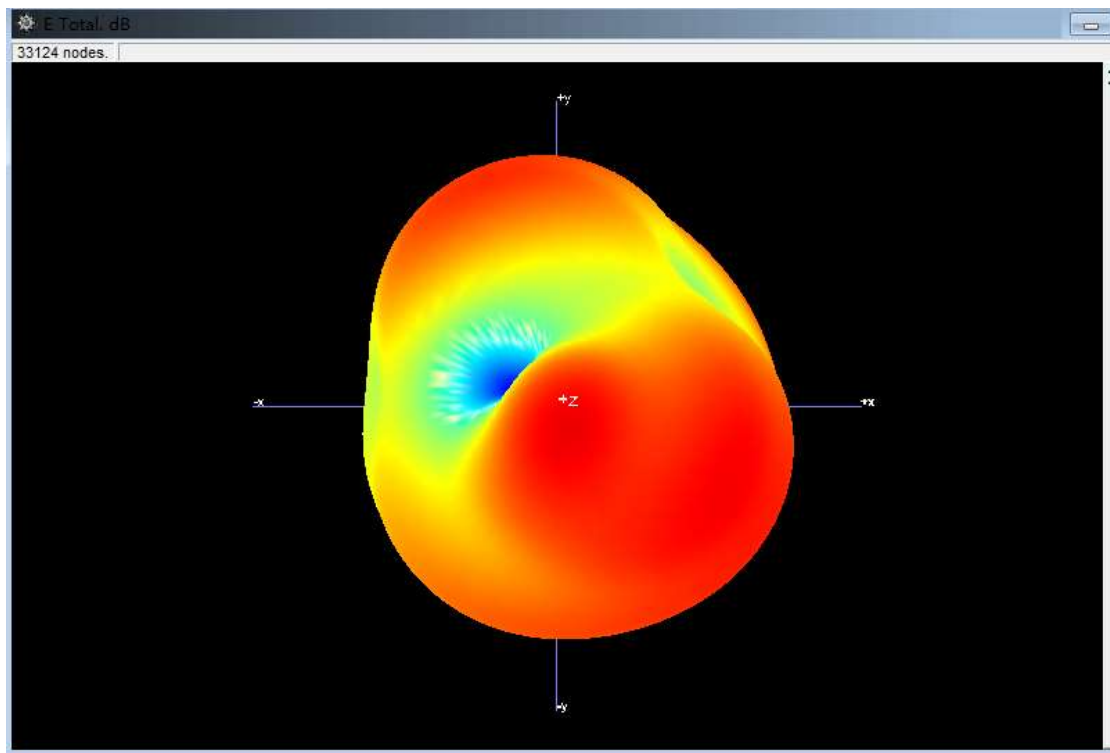
2D $\phi = 90$:



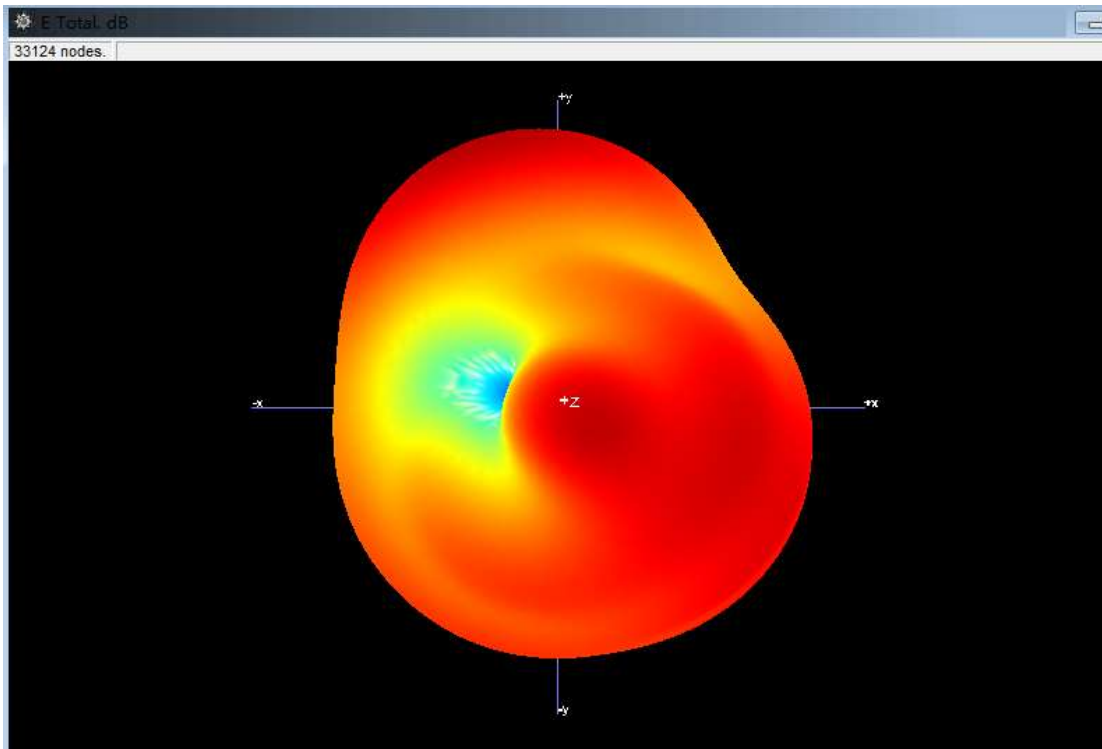
3D:



2.402G

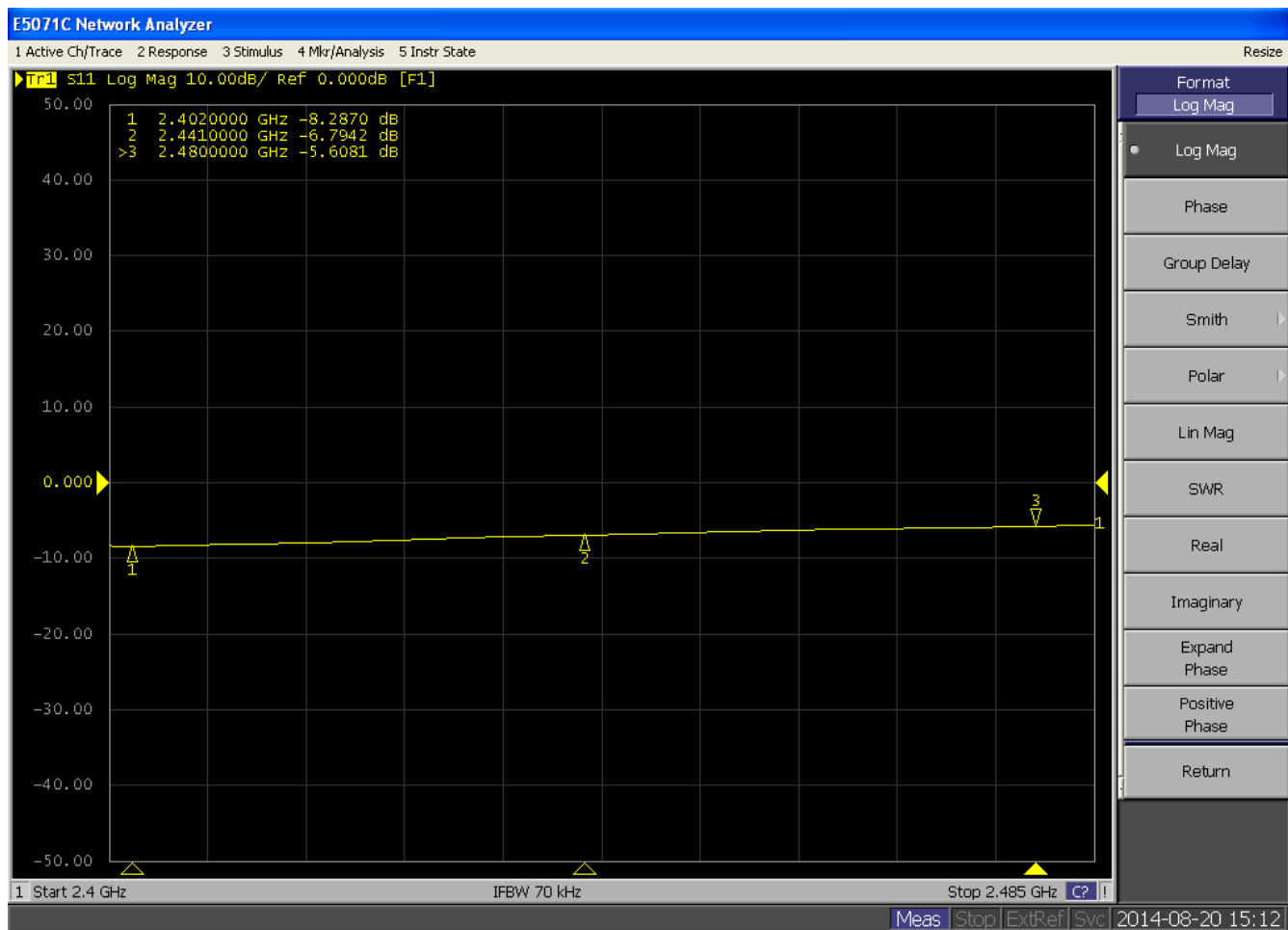


2.441Ghz

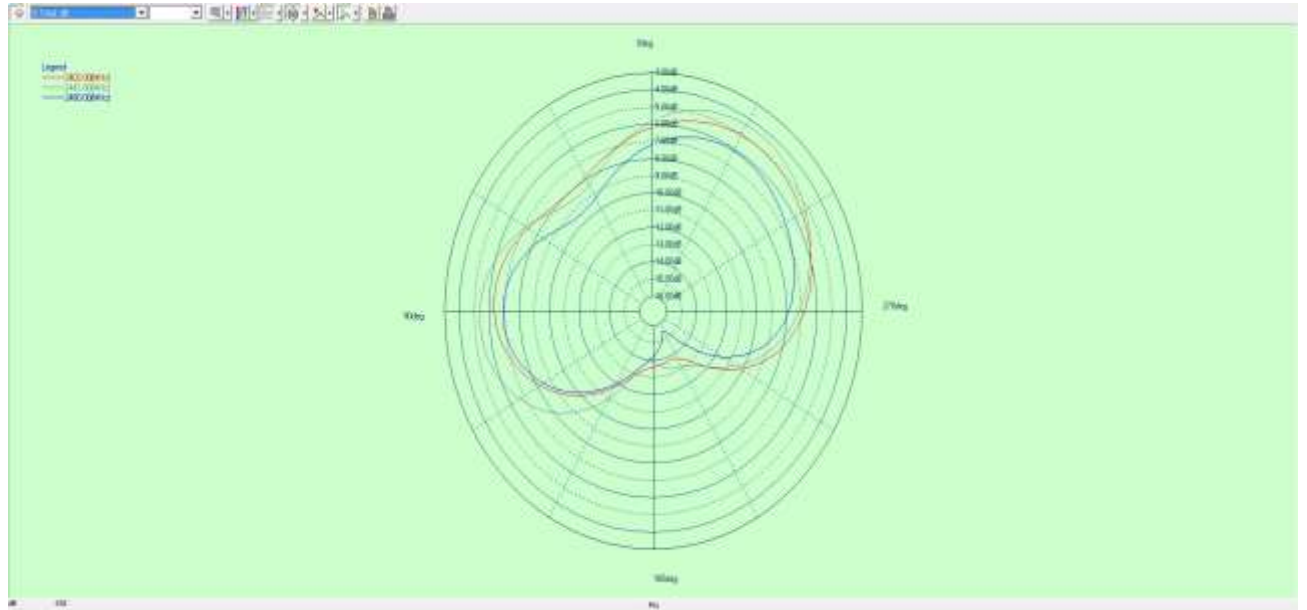


2.480Ghz

3.Return Loss:



4. $\theta = 90^\circ$:



5. Antenna photo & length (mm)

