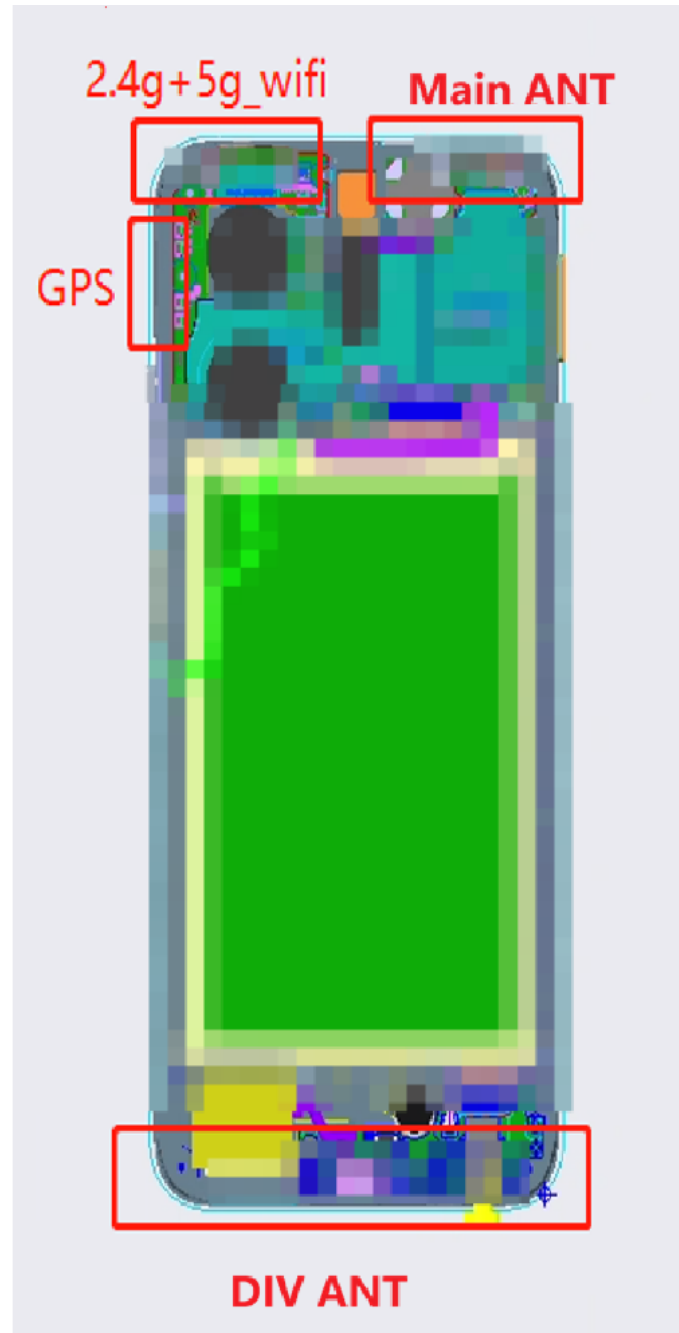


SPECIFICATION

Ant. type(PIFA): YES
DATE: 20260522
DATASHEET REVISION: V1.0
MANUFACTURE: Kunshan Innowave Communication Technology Co., Ltd.
ADDRESS: Building H,intu ZhizaoPark,No. 55 Shengchuang Road,Yushan
Town,Kunshan City, Jiangsu Province,China

Test Engineer : Wang Ming

Antenna Placement



Summary table

Check Items	Information	Page
Manufacturer	Kunshan Innowave Communication Technology Co., Ltd.	1
Antenna pattern / Test data (Tx Antenna, Rx antenna, GPS, WiFi6E, etc)	Included frequency, antenna gain, type	4-5
Test Setup	Test Environment, list of calibrated test equipment	6-8

Antenna Performance

GPS/WIFI/BT ANT (TX antenna)

Description Antenna Model name : RX-V552A GPS&WIFI

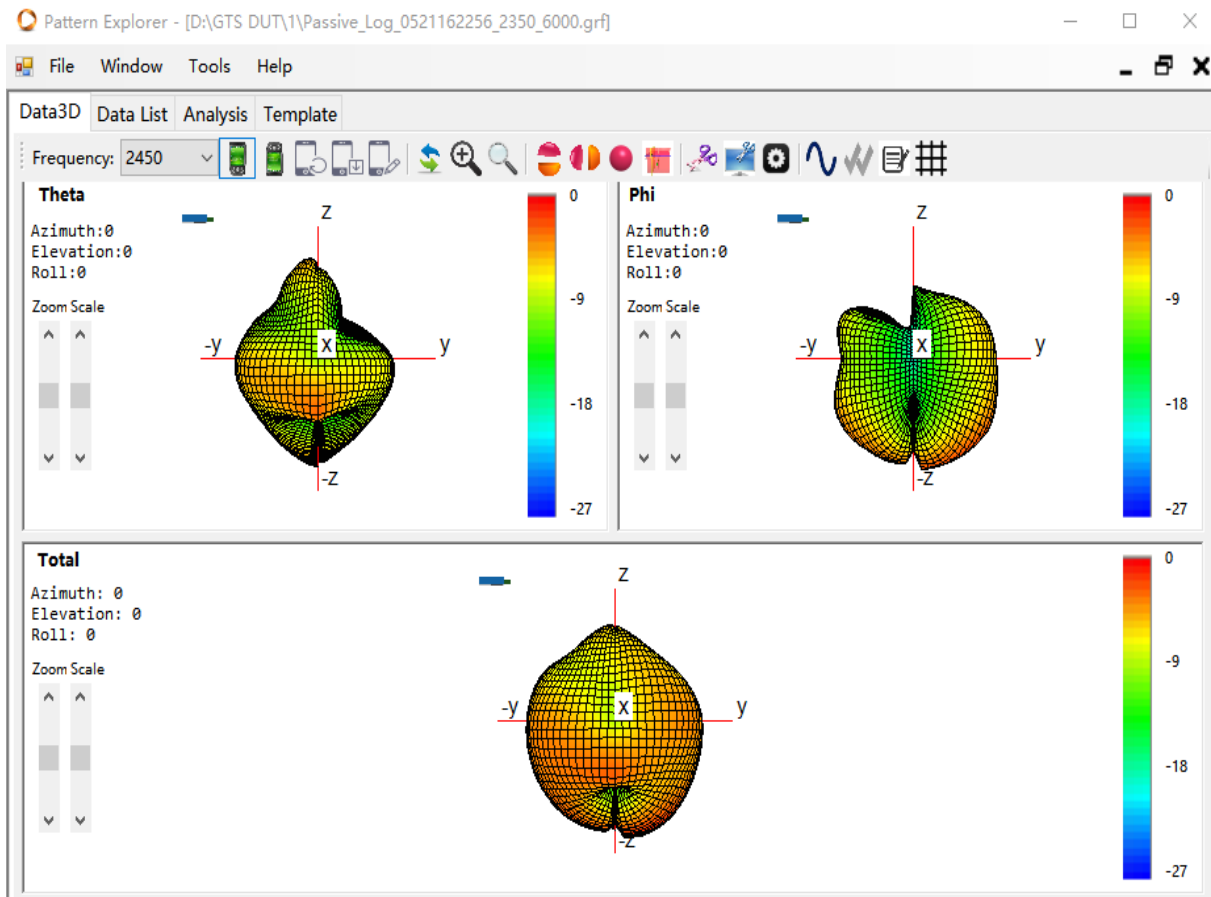
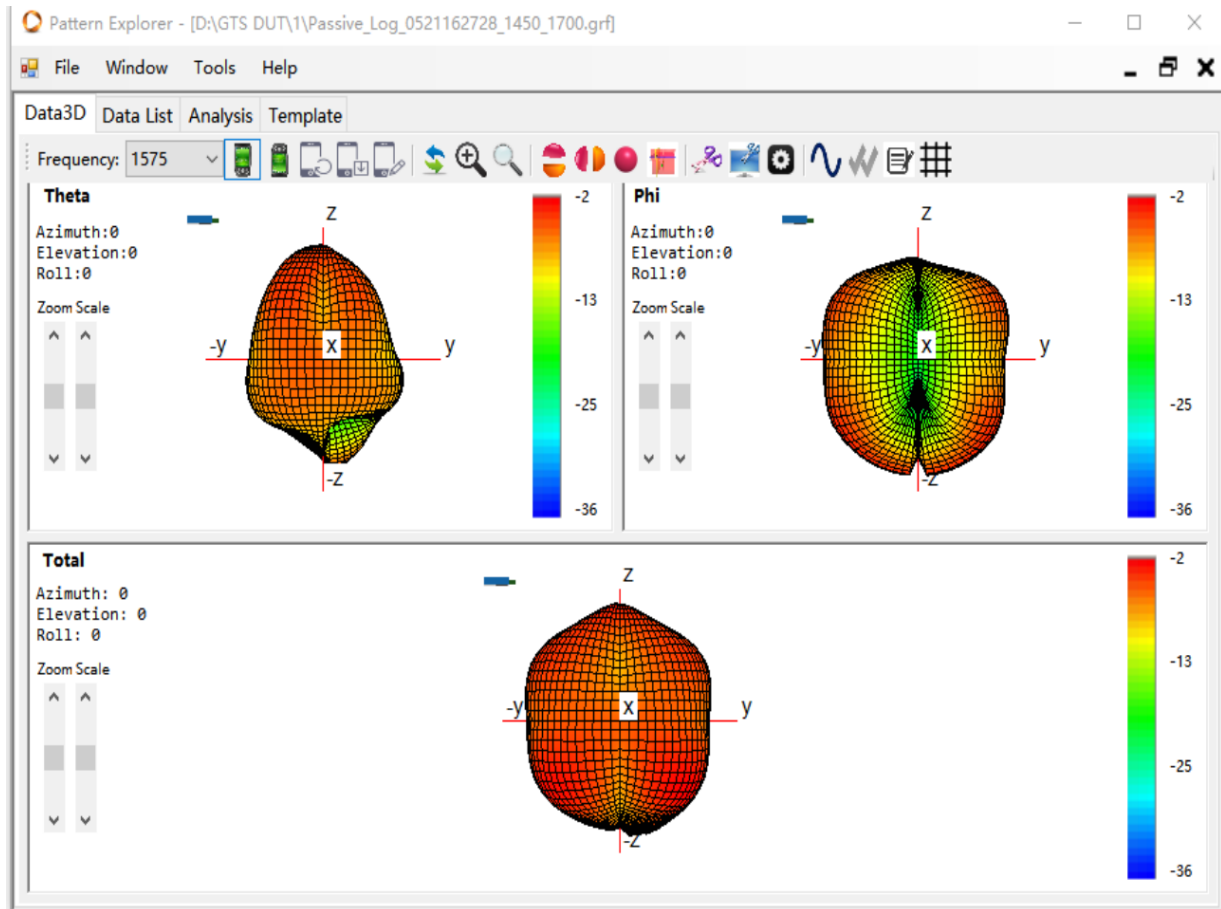
Frequency Range	1500-1600MHz; 2400-2500MHz; 5150-5850MHz;
Impedance	50Ω
Peak Gain	-3.67dBi
Admitted Power	N/A
Cable	N/A
Antenna Type	PIFA
Connector	N/A
Process	N/A

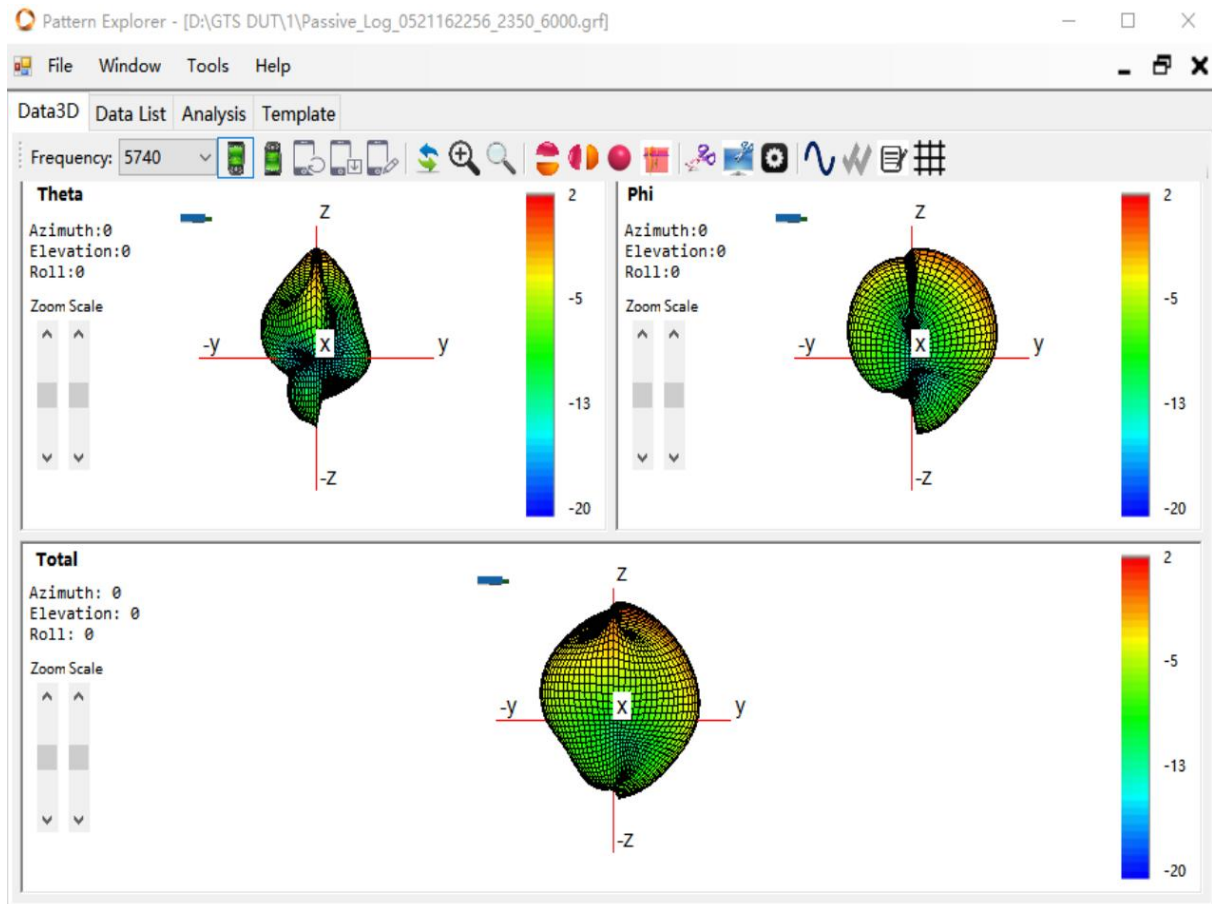
Antenna Efficiency(test in anechoic chamber)

Freq(MHz)	Effi(dB)
1560	-4.31
1570	-3.78
1580	-3.67
1590	-4.21
1600	-4.33
2400	-4.1
2410	-4.2
2420	-4.2
2430	-4.2
2440	-4.0
2450	-4.1
2460	-4.0
2470	-4.0
2480	-4.1
2490	-4.1
2500	-4.2

5150	-5.0
5200	-5.30
5250	-5.35
5300	-5.3
5350	-5.45
5400	-5.84
5500	-5.5
5550	-5.68
5600	-5.54
5650	-5.76
5700	-5.78
5750	-5.50
5800	-5.51
5850	-5.52

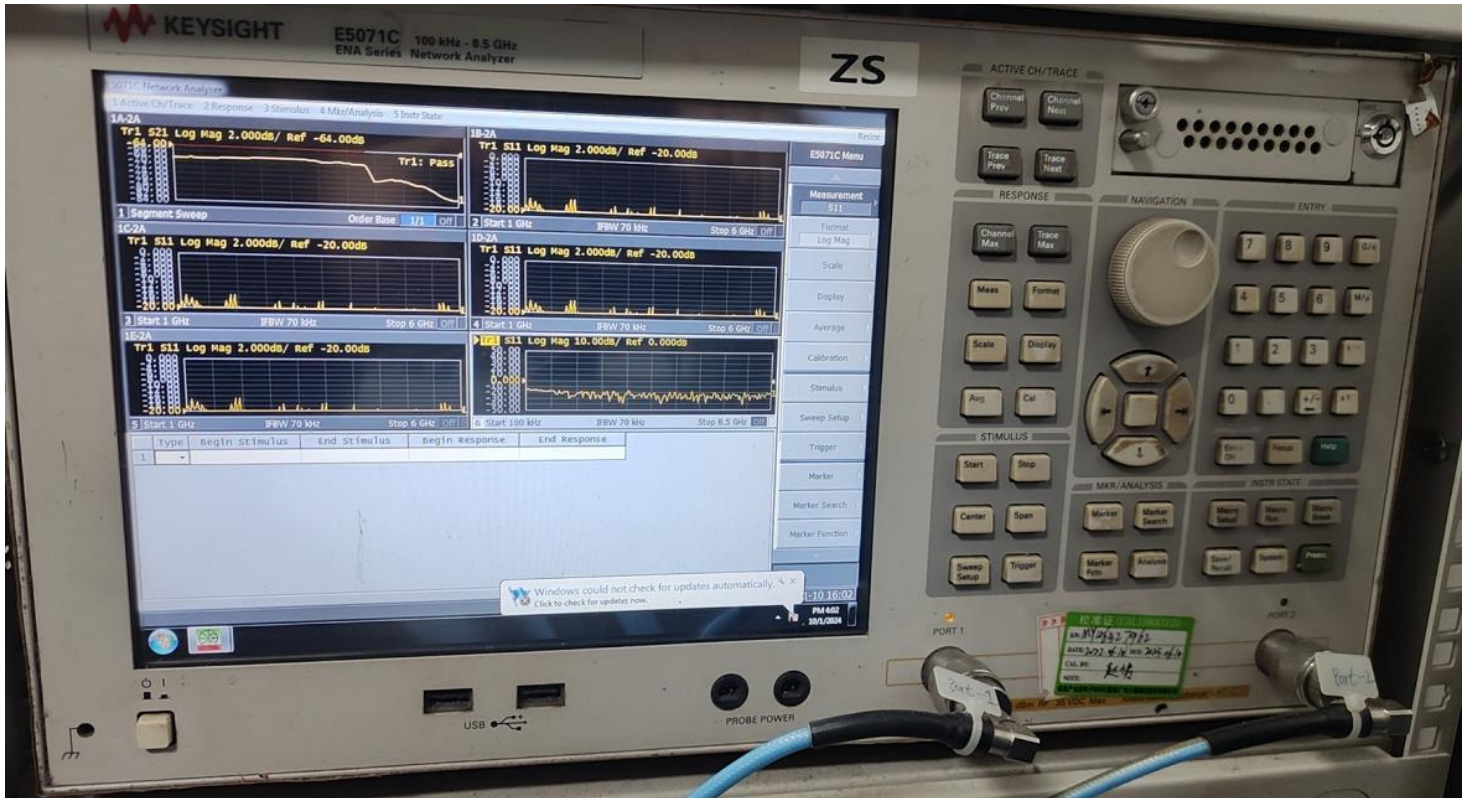
Antenna 3D Radiation Pattern





Test setup

Test Environment, list of calibrated test equipment



KEYSIGHT E5071C ↑

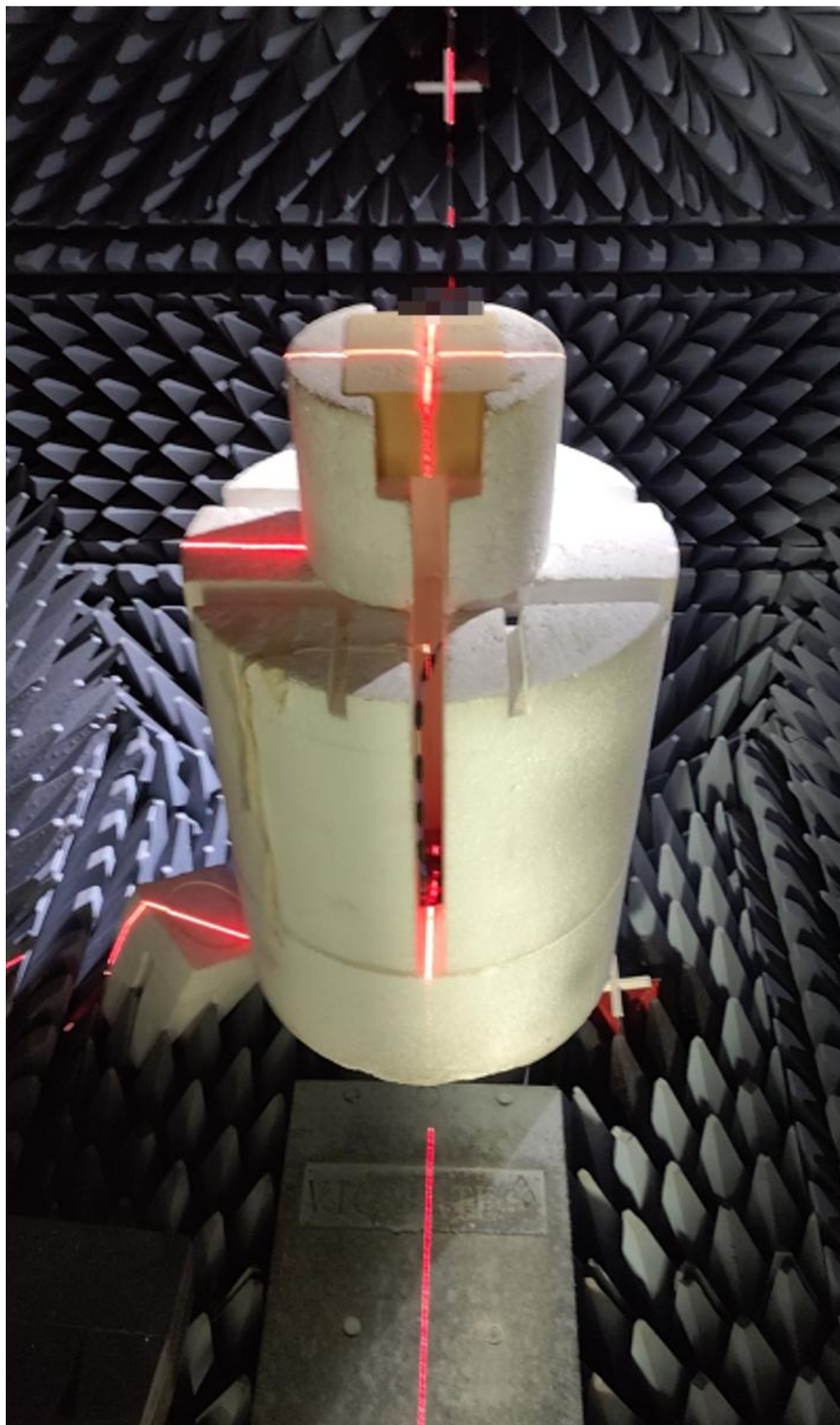


ROHDE&SCHWARZ CMW500 ↑



Agilent E4438C ↑





GTS2800 ↑

Calibration Date : 2025 07 02