

Dongguan Lixinwei Electronics Co., Ltd

Antenna Specification for Approval

Customer Name: Logic Electronics Technology Co., Ltd.

Address: _____

Product Name: FPC antenna feed line with a total length of 220 black

Part NO. : C113H-IPXHY2406-220

Write By: Zhou Min

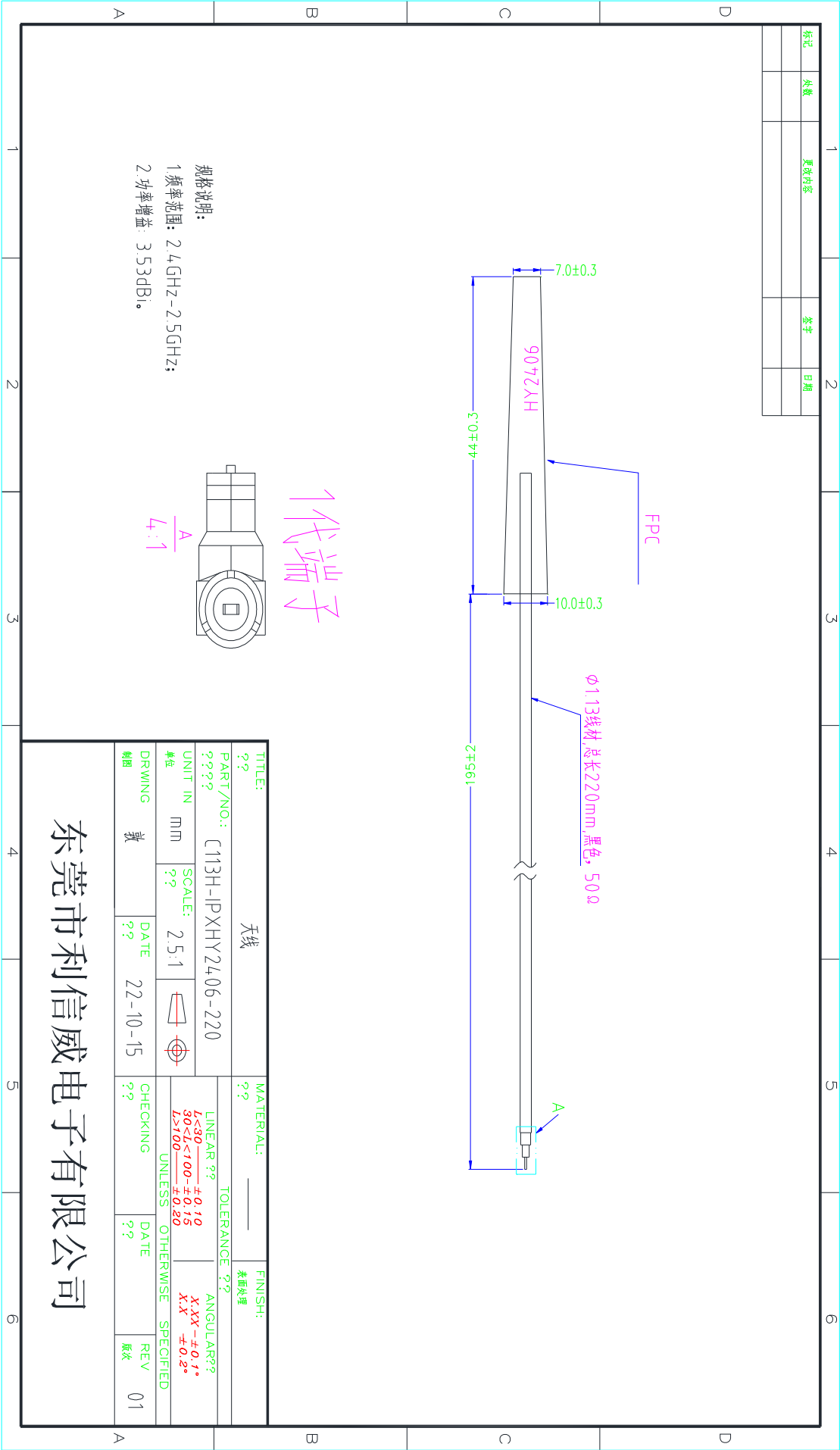
Issued Date: 2022-10-22

Customer:

R&D Dept	Business Dept	Approved By

Supplier

R&D Dept	Engineer Dept	Approval
Ni Sheng	Zhang Ming	xiong



Product Specification

A. Electrical Characteristics

Frequency 2400MHz ~2500MHz

VSWR <2.0

Efficiency 81.71%

Impedance 50 Ohm

Polarization Line

Gain 3.53DBi

B. Material & Mechanical Characteristics

Material of Radiator Cu

Cable Type 1.13 black

Connector Type : IPEX1

Dimension

C. Environmental

Operation Temperature - 30 °C ~ + 80 °C

Storage Temperature - 30 °C ~ + 85 °C

Test Equipment & Conditions

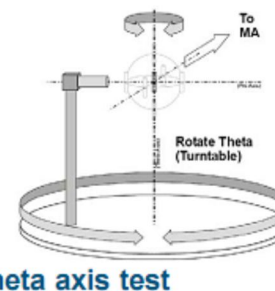
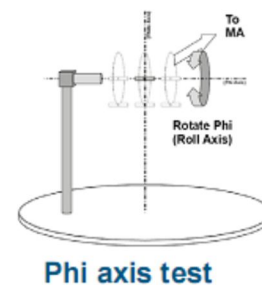
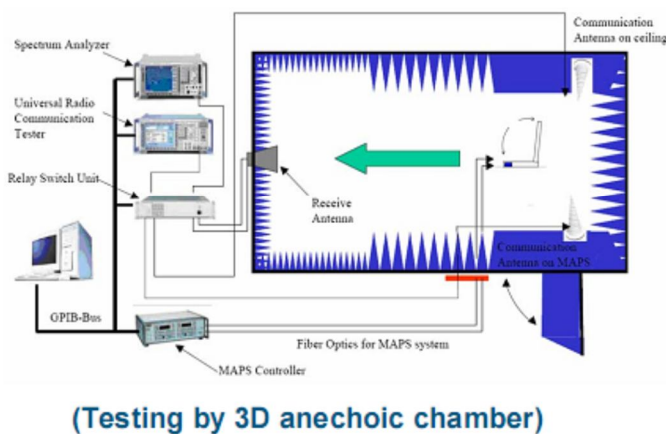
1. Network Analyzers :

Agilent 8753D 5071B

2. Communications Test Set:

Agilent E5515C

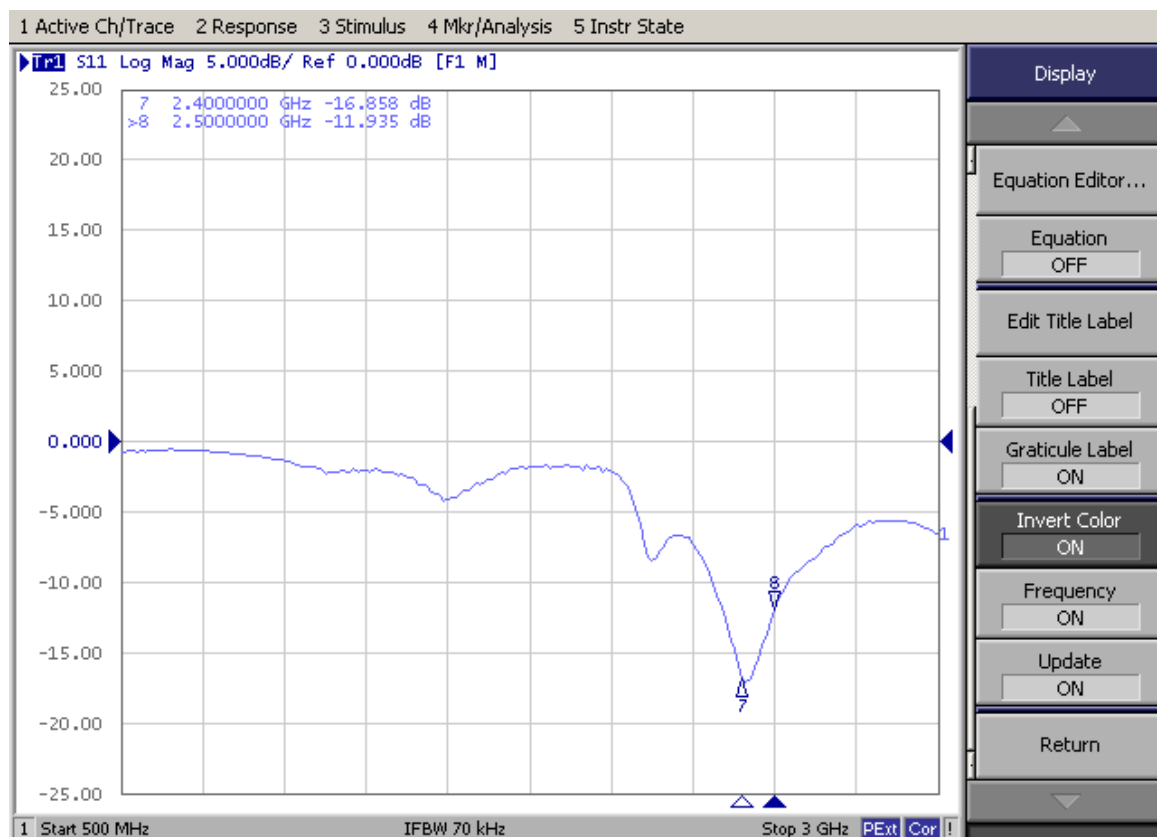
3. 3D Chamber Test System



Effiency &Gain

Fre (MHz)	Eff (%) (dB)	Gain (dB)
2400	80.93	3.43
2410	78.48	3.12
2420	76.86	2.96
2430	76.67	2.94
2440	76.86	3.08
2450	78.99	3.27
2460	80.22	3.28
2470	77.01	3.03
2480	79.32	3.2
2490	81.71	3.45
2500	80.38	3.53

S11

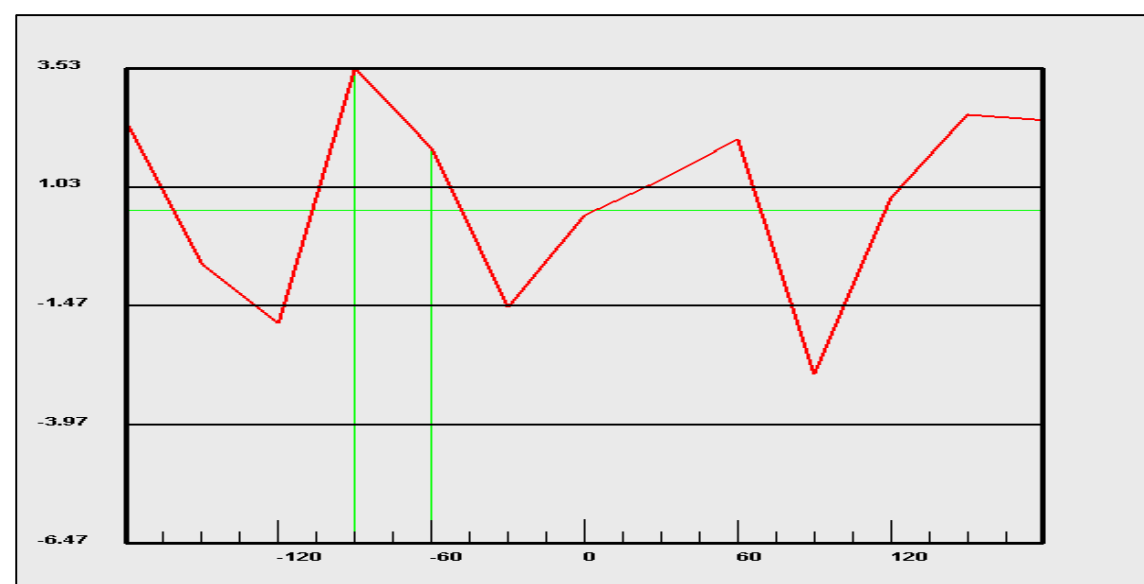
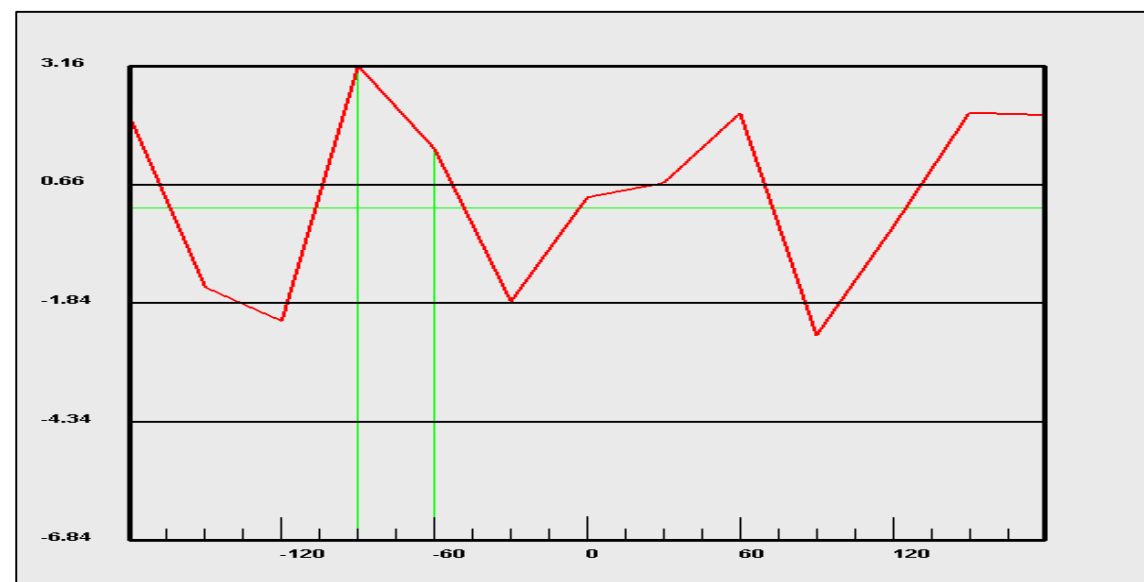
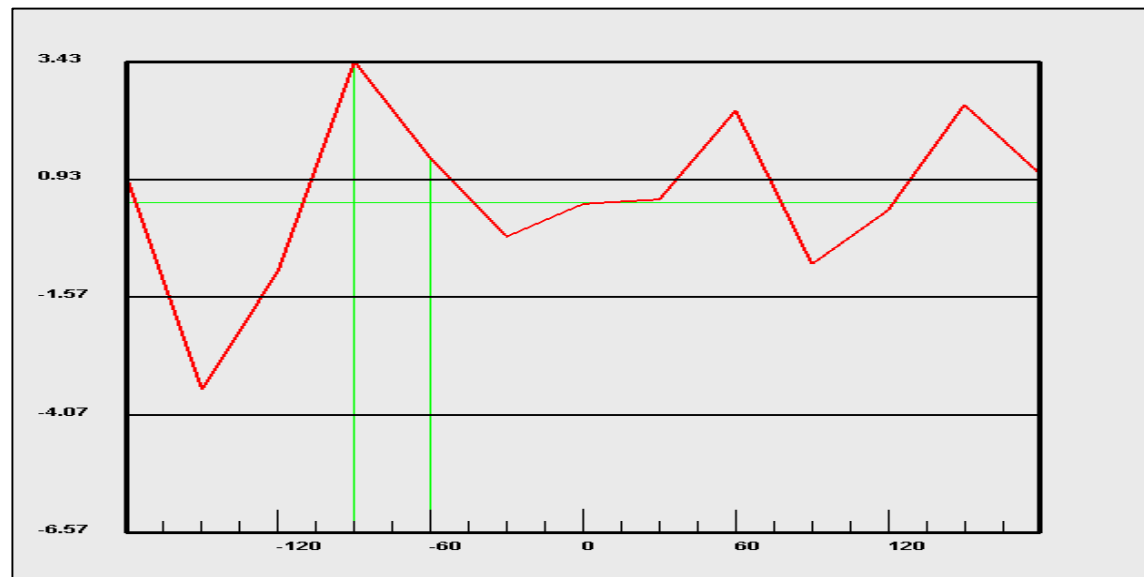


H face

2400

2450

2500

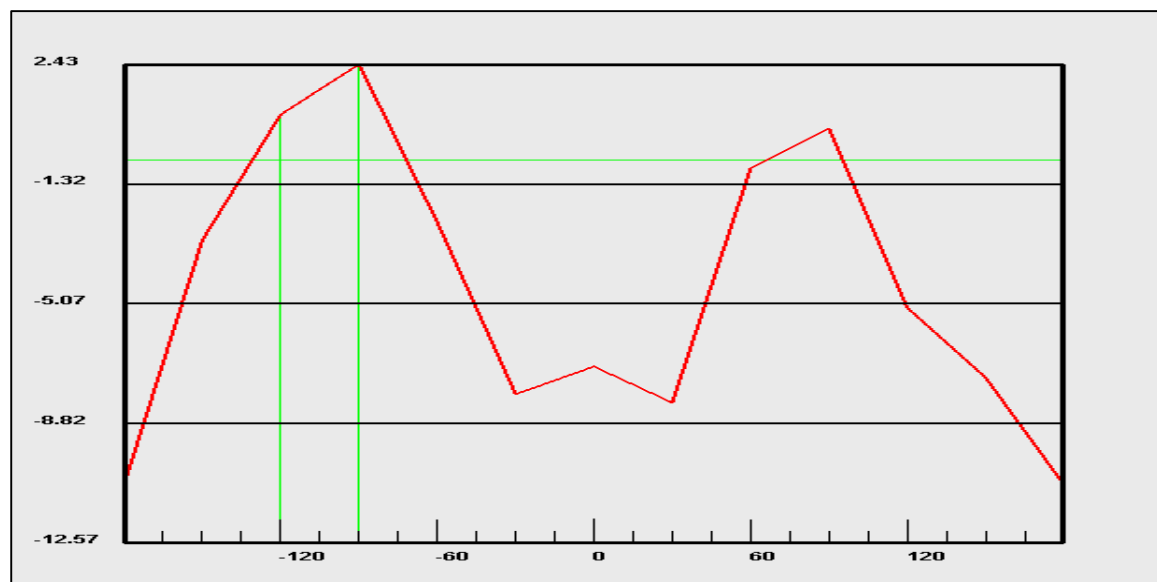
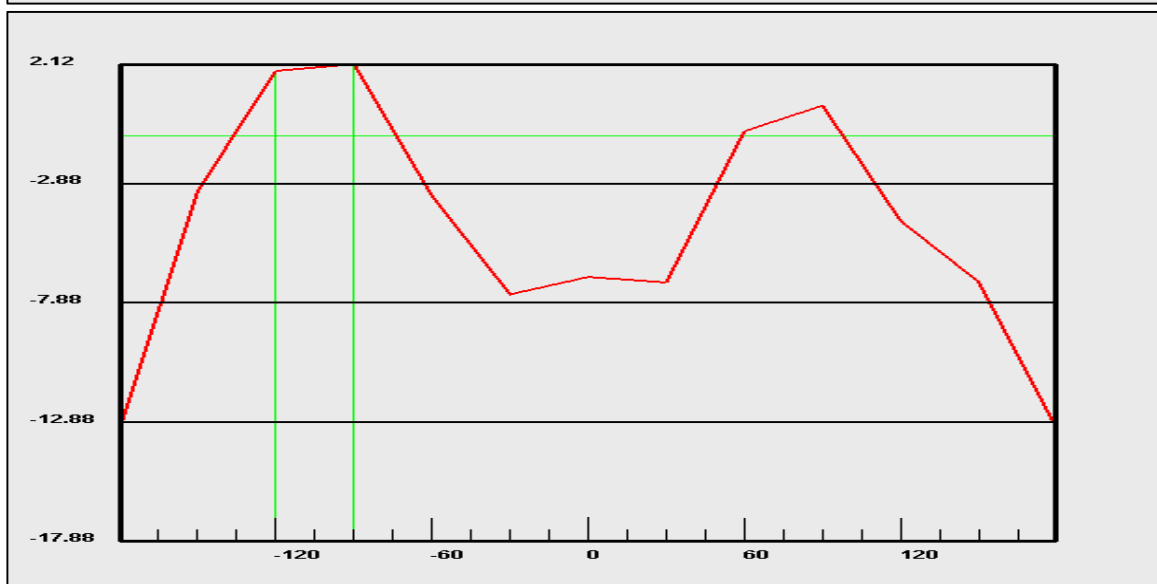
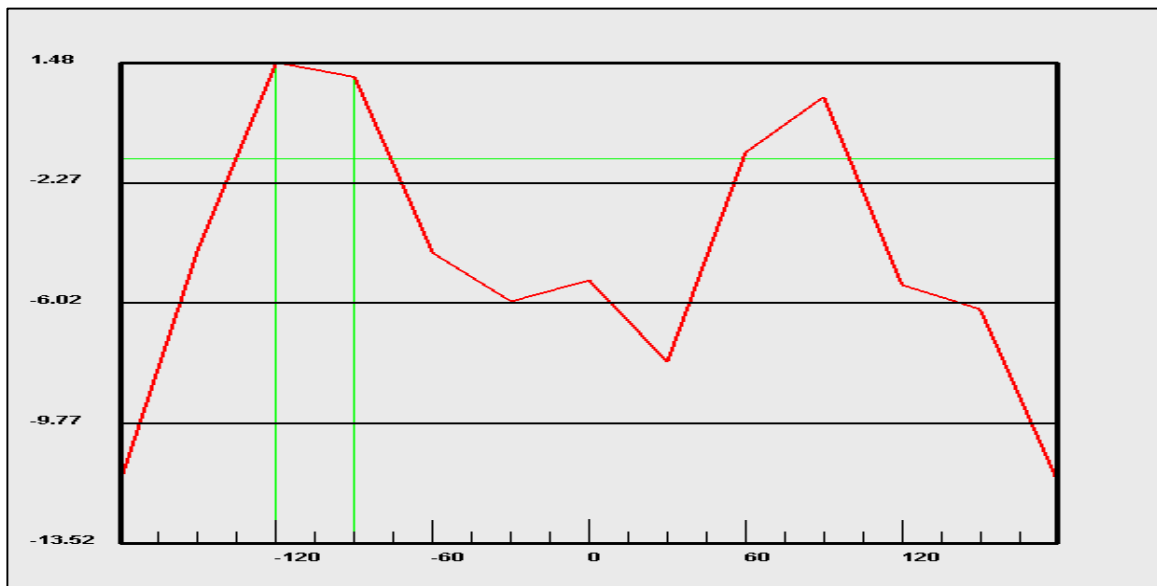


E1 face

2400

2450

2500



E2 face

2400

2450

2500

