

# Testing Report

Customer Name: SHENZHEN SHIXINZHONGXIN TECHNOLOGY.CO.,LTD

Product Name: BT Antenna

Sample Model: F-6988

Reference Standard: *GB/T9410-2008; ANSI/IEEE Std 149-1979*

Issue Date: 2018.03.10

# 1. General Information

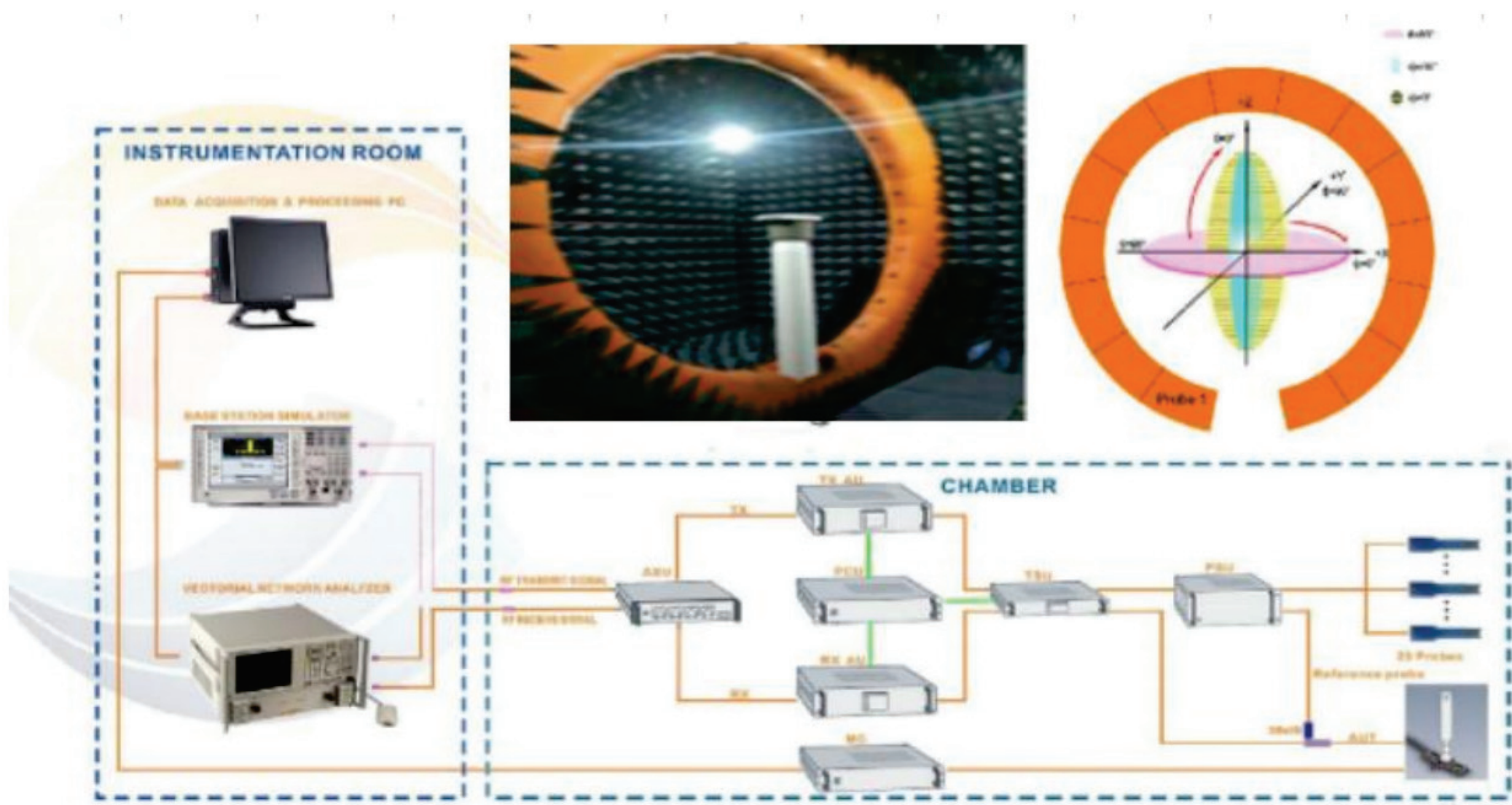
## 1.1 General Information of testing institutions

|           |                                                                                      |
|-----------|--------------------------------------------------------------------------------------|
| Name      | Shenzhen Hetuo Technology Co.,Ltd.                                                   |
| Address   | Room 1202B, Building C6, Hengfeng Industrial City, Xixiang, Baoan District, Shenzhen |
| Tel       | 18665849001                                                                          |
| E-mail    | 18665849001@163.com                                                                  |
| Equipment | Agilent 5071C                                                                        |

Ma Chao

## 1.2 Testing principle

### Multi-probe OTA Measurement System



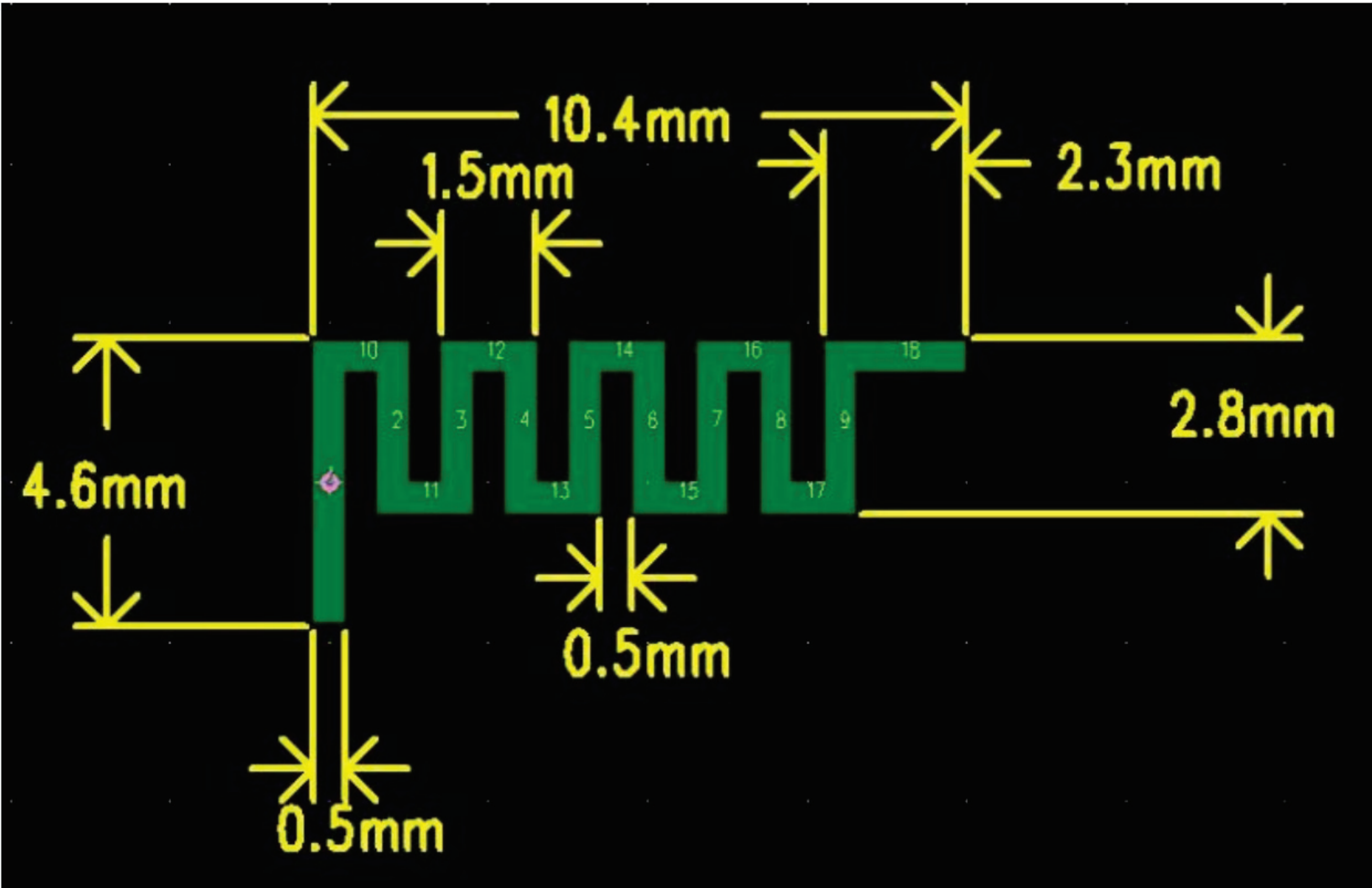
1.3 Test equipment

| Equipment                  | Model No. | Serial No. | Manufacturer | Calibration date | Next calibration date |
|----------------------------|-----------|------------|--------------|------------------|-----------------------|
| 24 probe microwave chamber | 4*3*3     | NA         | FEITU        | 2018.02.29       | 2018.05.31            |
| Network Analyzer           | 5071C     | NA         | Agilent      | 2018.02.29       | 2018.05.31            |

1.4 Test environment

|             |          |
|-------------|----------|
| Temperature | 24℃±1.5℃ |
| Humidity    | 45%RH    |
| Pressure    | 101kPa   |

1.5  
Antenna Photo & Lenght(mm)



## 2. Sample Information

### 2.1 Client information

|                 |                                                                  |
|-----------------|------------------------------------------------------------------|
| <b>Name</b>     | SHENZHEN SHI XIN ZHONG XIN TECHNOLOGY.CO.,LTD                    |
| <b>Address</b>  | A1, Shajing Donghuan Industrial Zone, Bao 'an District, Shenzhen |
| <b>Contacts</b> | Ma Chao                                                          |
| <b>Tel</b>      | 18218809918                                                      |
| <b>E-mail</b>   | machao@c-chip.com.cn                                             |

### 2.2 Description of EUT(S)

|                        |                                    |
|------------------------|------------------------------------|
| <b>Product Name</b>    | BT Antenna                         |
| <b>Sample Model</b>    | F-6988                             |
| <b>Antenna Size</b>    | 4.6*10.4mm                         |
| <b>Antenna Type</b>    | PCB antenna                        |
| <b>Serial No.</b>      | /                                  |
| <b>Test Item</b>       | Antenna Gain,Radiation pattern     |
| <b>Frequency Range</b> | 2400-2500MHz                       |
| <b>Received Date</b>   | 2018.03.08                         |
| <b>Test Date</b>       | 2018.03.10                         |
| <b>Remark</b>          | The length of the RF cable is 50mm |

Test data

|                 |        |        |        |        |        |        |        |        |        |        |        |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Frequency (MHz) | 2400.0 | 2410.0 | 2420.0 | 2430.0 | 2440.0 | 2450.0 | 2460.0 | 2470.0 | 2480.0 | 2490.0 | 2500.0 |
| Gain (dBi)      | -1.80  | -2.22  | -1.62  | -1.87  | -2.01  | -1.77  | -1.56  | -1.48  | -1.11  | -0.73  | -0.25  |

