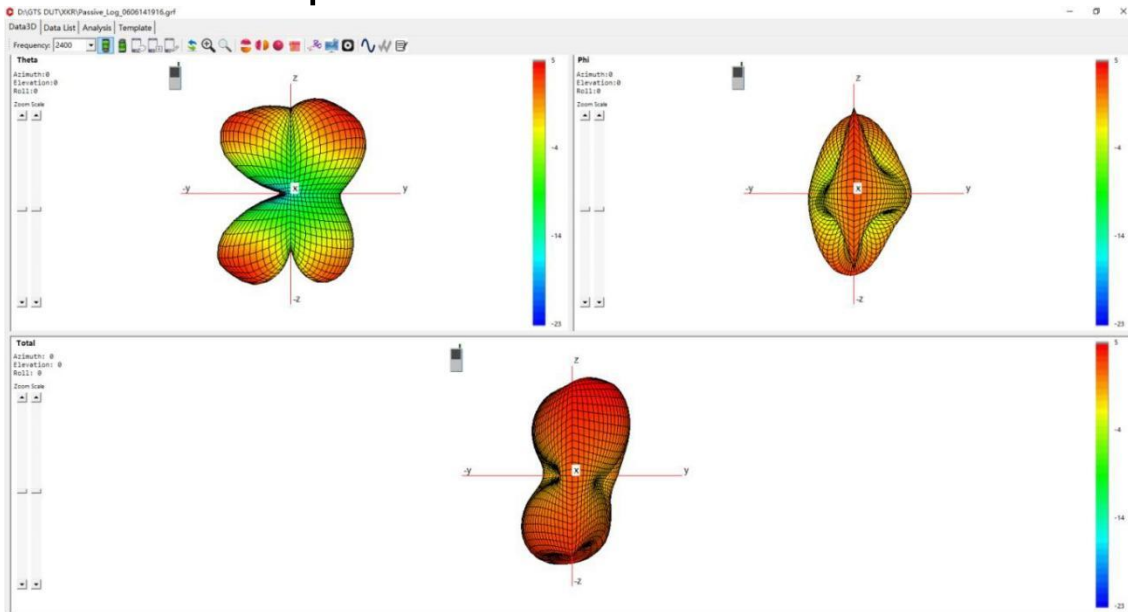
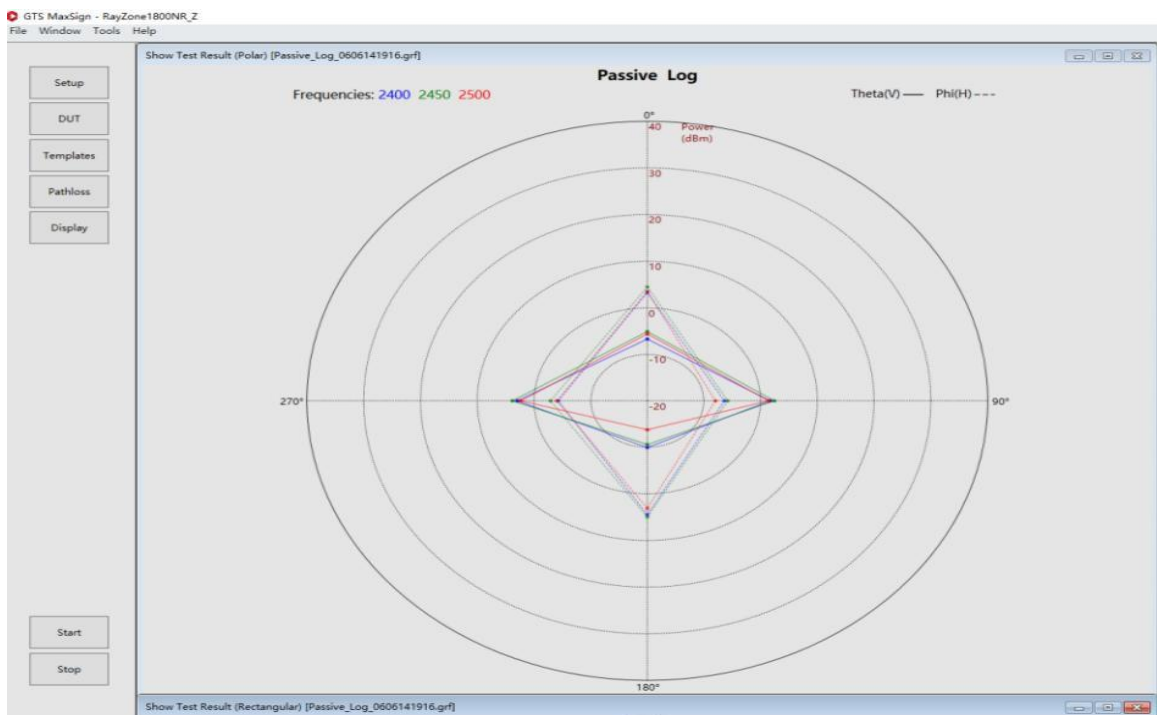


## 3D radiation pattern



## 2D radiation pattern



## Detailed scan output data results

Shenzhen zhengfangxin Technology Co.,Ltd  
3rd Floor, Office Building 3, Block B, Xusheng Xifa, Gongle Community, Xixiang Street, Bao'an District, Shenzhen

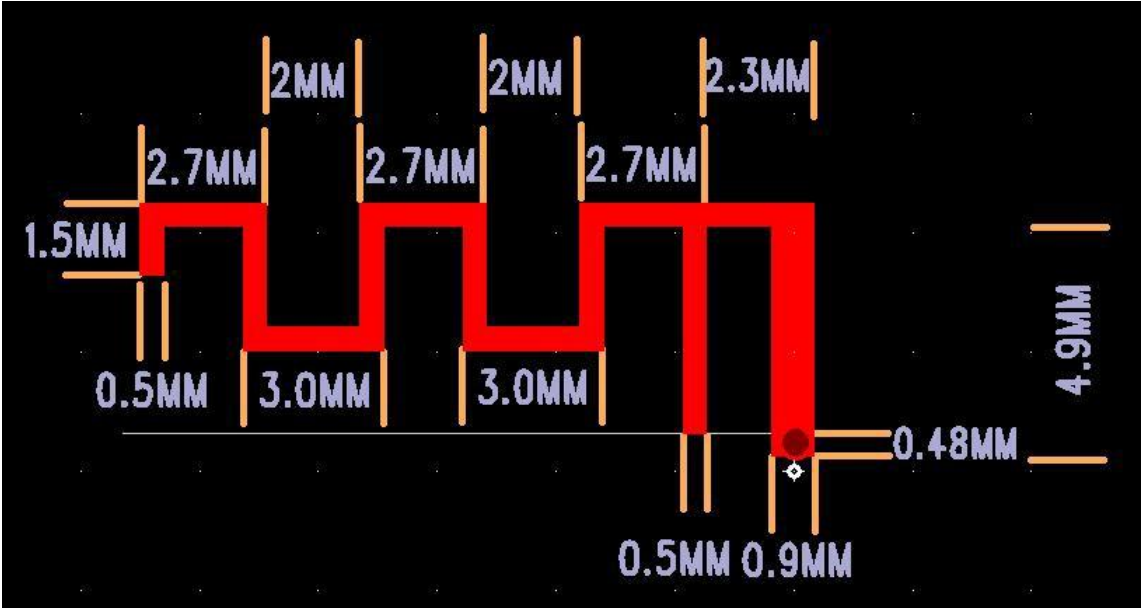
D:\GTS DUT\XKR\Passive\_Log\_0606141916.grf

|            |         |             |            |            |            |           |            |            |            |             |             |             |        |           |            |            |            |             |            |            |             |             |             |            |            |
|------------|---------|-------------|------------|------------|------------|-----------|------------|------------|------------|-------------|-------------|-------------|--------|-----------|------------|------------|------------|-------------|------------|------------|-------------|-------------|-------------|------------|------------|
| Data3D     |         | Data List   | Analysis   | Template   |            |           |            |            |            |             |             |             |        |           |            |            |            |             |            |            |             |             |             |            |            |
| Frequency: |         | 2400        |            |            |            |           |            |            |            |             |             |             |        |           |            |            |            |             |            |            |             |             |             |            |            |
| TestItem   | Pas_Log | TestSyst... | Passive    | StartTime  | 14:18:56   | EndTime   | 14:19:16   | TotalTime  | 00:00:19   | CreateTL... | 2023/6...   | Polariza... | Linear |           |            |            |            |             |            |            |             |             |             |            |            |
| Model      | XKR     | TestBand    |            | Equipm...  |            | IMEI      |            | Unit       | dB         | File Type   | raw         |             |        |           |            |            |            |             |            |            |             |             |             |            |            |
| Memo       |         | Product...  | RayZon...  | O Polar    | H          |           |            |            |            |             |             |             |        |           |            |            |            |             |            |            |             |             |             |            |            |
| chNo       | Freq    | Efficien... | Gain       | MinEIRP    | BoreSig... | NHPRP ... | NHPRP ...  | UHRP       | LHRP       | EIRP_X      | Polariza... | Theta_X     | Phi_X  | ThetaM... | PhiMax     | ThetaMin   | PhiMin     | Directiv... | UHRP/T...  | UHRP/T...  | Efficien... | UHEffici... | UHEffici... | OOR        |            |
| 1          | 2400    | 2.24762...  | 4.71783... | -2.6974... | 30         | 90        | -1.6292... | 0.20851... | -0.5495... | -0.9868...  | 4.43461     | Phi         | 150    | 180       | 3.7197     | 4.43461    | -22.545... | -6.42539    | 2.47020... | -2.7971... | 52.5151...  | 167.788...  | -0.5495...  | 88.1144... | 5.52131... |
| 2          | 2410    | 2.64958...  | 5.20101... | -2.2582... | 30         | 90        | -1.2362... | 0.60859... | -0.1278... | -0.6067...  | 4.78969...  | Phi         | 150    | 180       | 4.21491... | 4.78969... | -22.287... | -6.0603...  | 2.55143... | -2.7774... | 52.7543...  | 184.059...  | -0.1278...  | 97.0994... | 5.42838... |
| 3          | 2420    | 3.02388...  | 5.58379... | -1.8900... | 30         | 90        | -0.8405... | 1.00604... | 0.26988... | -0.2587...  | 5.01805     | Phi         | 150    | 180       | 4.65517    | 5.01805    | -22.392... | -5.88195    | 2.55990... | -2.7539... | 53.0396...  | 200.626...  | 0.26988...  | 106.411... | 5.40101... |
| 4          | 2430    | 3.16309...  | 5.75360... | -1.7186... | 30         | 90        | -0.7120... | 1.13768... | 0.41850... | -0.1302...  | 5.04837...  | Phi         | 150    | 180       | 4.79299... | 5.04837... | -22.024... | -6.0816...  | 2.59051... | -2.7445... | 53.1547...  | 207.161...  | 0.41850...  | 110.116... | 5.34665... |
| 5          | 2440    | 3.14459...  | 5.79709... | -1.7177... | 30         | 90        | -0.7403... | 1.11089... | 0.40001... | -0.1487...  | 5.11695...  | Phi         | 30     | 180       | 4.87669... | 5.11695... | -21.175... | -5.8361...  | 2.65250... | -2.7445... | 53.1547...  | 206.280...  | 0.40001...  | 109.648... | 5.26348... |
| 6          | 2450    | 3.28301...  | 5.89484... | -1.3717... | 30         | 90        | -0.5668... | 1.26951... | 0.53502... | -0.0064...  | 5.31374     | Phi         | 30     | 180       | 5.01159... | 5.31374    | -19.753... | -5.83531    | 2.61183... | -2.7479... | 53.1129...  | 212.961...  | 0.53502...  | 113.110... | 5.12427... |
| 7          | 2460    | 3.12738...  | 5.66886... | -1.2648... | 30         | 90        | -0.6928... | 1.13889... | 0.37604... | -0.1582...  | 5.07284...  | Phi         | 30     | 180       | 4.81978... | 5.07284... | -19.270... | -6.1129...  | 2.54147... | -2.7513... | 53.0720...  | 205.465...  | 0.37604...  | 109.044... | 4.87720... |
| 8          | 2470    | 2.73294...  | 5.28397... | -1.5529... | 30         | 90        | -1.0838... | 0.74926... | -0.0088... | -0.5635...  | 4.60340...  | Phi         | 30     | 180       | 4.50779... | 4.60340... | -19.482... | -6.5320...  | 2.55102... | -2.7418... | 53.1884...  | 187.626...  | -0.0088...  | 99.7957... | 4.71997... |
| 9          | 2480    | 2.40733...  | 4.79064... | -1.7118... | 30         | 90        | -1.3919... | 0.42632... | -0.3803... | -0.8375...  | 4.35316     | Phi         | 30     | 180       | 3.992      | 4.35316    | -19.3805   | -7.07894    | 2.38331... | -2.7877... | 52.6294...  | 174.073...  | -0.3803...  | 91.6141... | 4.67620... |
| 10         | 2490    | 1.98691...  | 4.21599... | -2.0250... | 30         | 90        | -1.8123... | 0.00979... | -0.8128... | -1.2447...  | 3.94637...  | Phi         | 30     | 180       | 3.63994... | 3.94637... | -19.789... | -7.5610...  | 2.22908... | -2.7997... | 52.4841...  | 158.012...  | -0.8128...  | 82.9315... | 4.59047... |
| 11         | 2500    | 1.89842...  | 4.31858... | -2.1103... | 0          | 90        | -1.8750... | -0.0573... | -0.9274... | -1.3045...  | 3.75943...  | Theta       | 0      | 360       | 3.75943... | 3.75943... | -19.218... | -8.0079...  | 2.42015... | -2.8258... | 52.1691...  | 154.825...  | -0.9274...  | 80.7711... | 4.60479... |

Summary

| ITEM             | ANT SPEC                |         |         |
|------------------|-------------------------|---------|---------|
| Model Name       | 2.4G ANT                |         |         |
| Antenna plate    | PCB antenna             |         |         |
| Center Frequency | 2400MHz                 | 2450MHz | 2500MHz |
|                  | 4.7                     | 5.8     | 4.3     |
| MAX. Gain        | 5.8                     |         |         |
| Polarization     | Horizontal and Vertical |         |         |
| Impedance        | 50Ohm                   |         |         |
| Manufacture      |                         |         |         |

AntennaPhoto&Length(mm)



| Frequency<br>(MHz) | Gain(dBi)  |       |          |      |
|--------------------|------------|-------|----------|------|
|                    | Horizontal |       | Vertical |      |
|                    | MAX        | MIN   | MAX      | MIN  |
| 2400               | 3.7        | -22.5 | 4.4      | -6.4 |
| 2450               | 5.0        | -19.7 | 5.3      | -5.8 |
| 2500               | 3.7        | -19.2 | 3.7      | -8.0 |