

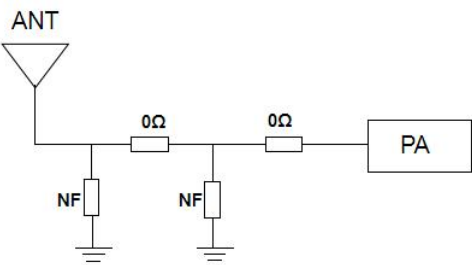
深圳市鼎为峰科技有限公司

天线承认书

|      |            |                                   |        |
|------|------------|-----------------------------------|--------|
| 适用型号 | PB007      |                                   |        |
| 客户   |            |                                   |        |
| 规格描述 |            |                                   |        |
|      | 产品内容       | 规格                                | 客户物料编码 |
| 规格描述 | WiFi 天线    | FPC/黑色/字符 DWF-PB007-230-WIFI-V1.0 |        |
|      |            | +三代端子 0.81*90mm                   |        |
| 更改履历 |            |                                   |        |
| 序号   | 日期         | 版本                                | 更改内容简述 |
| 1    | 2026-03-26 | V1.0                              | 新项目    |
| 2    |            |                                   |        |
| 3    |            |                                   |        |

|              |    |    |                                                                           |    |    |
|--------------|----|----|---------------------------------------------------------------------------|----|----|
| 供应商样品确认      |    |    |                                                                           |    |    |
| 研发           | 结构 | 审核 | 判定                                                                        |    |    |
|              |    |    | PASS <input checked="" type="checkbox"/><br>FAIL <input type="checkbox"/> |    |    |
| 客户样品确认       |    |    |                                                                           |    |    |
| 电子           | 结构 | 项目 | 采购                                                                        | 品质 | 审核 |
|              |    |    |                                                                           |    |    |
| 拒收原因或其它注意事项: |    |    |                                                                           |    |    |

1、匹配电路-wifi 天线



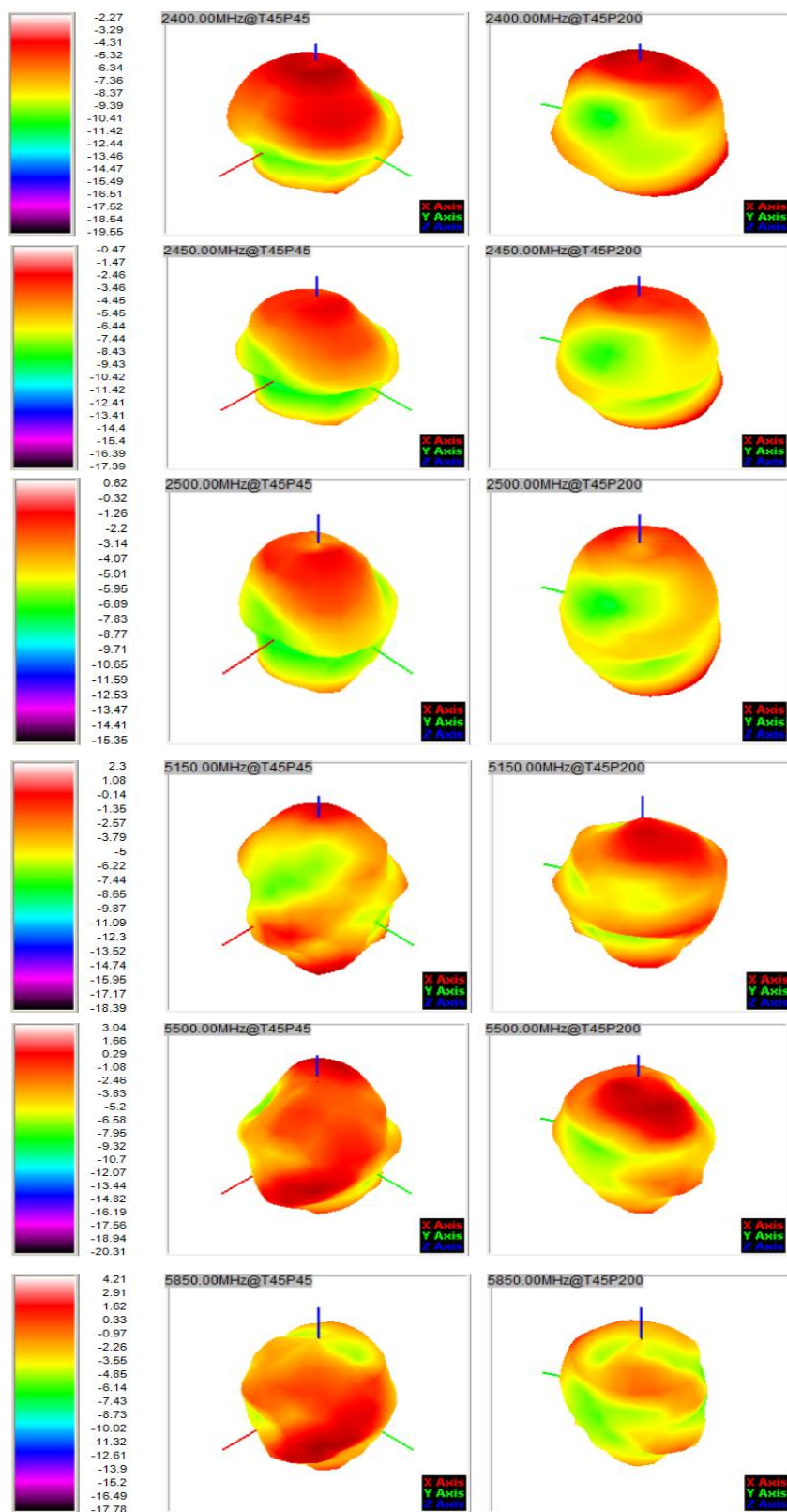
我司未对匹配电路做任何修改

2、天线测试数据

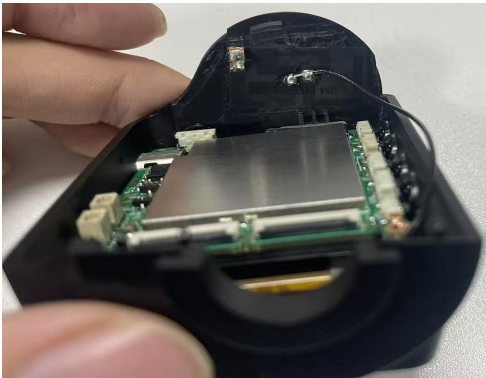
| FETUKEJI                   |        |        |        |        |        |        |        |        |        |        |        |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Frequency ID               | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     |
| Frequency (MHz)            | 2400.0 | 2410.0 | 2420.0 | 2430.0 | 2440.0 | 2450.0 | 2460.0 | 2470.0 | 2480.0 | 2490.0 | 2500.0 |
| Point Values               |        |        |        |        |        |        |        |        |        |        |        |
| Ant. Port Input Pwr. (dBm) | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |
| Tot. Rad. Pwr. (dBm)       | -7.30  | -7.10  | -6.92  | -6.71  | -6.50  | -6.22  | -6.00  | -5.89  | -5.80  | -5.59  | -5.40  |
| Peak EIRP (dBm)            | -2.27  | -1.88  | -1.62  | -1.24  | -0.88  | -0.47  | -0.07  | 0.19   | 0.36   | 0.53   | 0.62   |
| Directivity (dBi)          | 5.03   | 5.22   | 5.30   | 5.46   | 5.61   | 5.74   | 5.93   | 6.07   | 6.15   | 6.12   | 6.02   |
| Efficiency (dB)            | -7.30  | -7.10  | -6.92  | -6.71  | -6.50  | -6.22  | -6.00  | -5.89  | -5.80  | -5.59  | -5.40  |
| Efficiency (%)             | 18.60  | 19.50  | 20.30  | 21.40  | 22.40  | 23.90  | 25.10  | 25.80  | 26.30  | 27.60  | 28.90  |
| Gain (dBi)                 | -2.27  | -1.88  | -1.62  | -1.24  | -0.88  | -0.47  | -0.07  | 0.19   | 0.36   | 0.53   | 0.62   |
| NHPRP ±Pi/4 (dBm)          | -9.31  | -9.18  | -9.07  | -8.94  | -8.81  | -8.59  | -8.41  | -8.29  | -8.19  | -7.96  | -7.77  |
| NHPRP ±Pi/6 (dBm)          | -11.29 | -11.20 | -11.13 | -11.03 | -10.94 | -10.75 | -10.57 | -10.47 | -10.39 | -10.16 | -9.96  |
| NHPRP ±Pi/8 (dBm)          | -12.82 | -12.75 | -12.71 | -12.65 | -12.58 | -12.42 | -12.26 | -12.18 | -12.10 | -11.87 | -11.65 |
| Upper Hem. PRP (dBm)       | -10.53 | -10.41 | -10.30 | -10.16 | -10.05 | -9.84  | -9.73  | -9.65  | -9.54  | -9.27  | -8.96  |
| Lower Hem. PRP (dBm)       | -10.10 | -9.83  | -9.58  | -9.31  | -9.03  | -8.69  | -8.39  | -8.25  | -8.18  | -8.02  | -7.91  |
| Upper Hem. PRP (%)         | 8.85   | 9.10   | 9.33   | 9.63   | 9.89   | 10.36  | 10.64  | 10.85  | 11.11  | 11.84  | 12.69  |
| Lower Hem. PRP (%)         | 9.76   | 10.40  | 11.00  | 11.72  | 12.52  | 13.53  | 14.48  | 14.95  | 15.21  | 15.77  | 16.17  |

| FETUKEJI                   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
|----------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| Frequency ID               | 12     | 13     | 14     | 15     | 16     | 17     | 18     | 19     | 20     | 21     | 22     | 23     | 24     | 25     | 26     |  |
| Frequency (MHz)            | 5150.0 | 5200.0 | 5250.0 | 5300.0 | 5350.0 | 5400.0 | 5450.0 | 5500.0 | 5550.0 | 5600.0 | 5650.0 | 5700.0 | 5750.0 | 5800.0 | 5850.0 |  |
| Point Values               |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |  |
| Ant. Port Input Pwr. (dBm) | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |  |
| Tot. Rad. Pwr. (dBm)       | -3.38  | -2.82  | -2.66  | -2.30  | -2.50  | -2.68  | -2.15  | -2.47  | -2.40  | -2.12  | -2.38  | -2.40  | -2.24  | -2.47  | -2.41  |  |
| Peak EIRP (dBm)            | 2.30   | 2.73   | 2.78   | 2.79   | 2.90   | 3.02   | 3.34   | 3.04   | 3.79   | 4.13   | 4.01   | 4.29   | 4.51   | 4.19   | 4.21   |  |
| Directivity (dBi)          | 5.68   | 5.55   | 5.44   | 5.09   | 5.40   | 5.70   | 5.50   | 5.51   | 6.19   | 6.25   | 6.39   | 6.69   | 6.75   | 6.67   | 6.61   |  |
| Efficiency (dB)            | -3.38  | -2.82  | -2.66  | -2.30  | -2.50  | -2.68  | -2.15  | -2.47  | -2.40  | -2.12  | -2.38  | -2.40  | -2.24  | -2.47  | -2.41  |  |
| Efficiency (%)             | 45.90  | 52.20  | 54.20  | 58.90  | 56.20  | 54.00  | 60.90  | 56.60  | 57.60  | 61.30  | 57.80  | 57.60  | 59.70  | 56.60  | 57.50  |  |
| Gain (dBi)                 | 2.30   | 2.73   | 2.78   | 2.79   | 2.90   | 3.02   | 3.34   | 3.04   | 3.79   | 4.13   | 4.01   | 4.29   | 4.51   | 4.19   | 4.21   |  |
| NHPRP ±Pi/4 (dBm)          | -4.90  | -4.46  | -4.40  | -3.99  | -4.28  | -4.48  | -3.90  | -4.29  | -4.12  | -3.67  | -3.89  | -3.86  | -3.60  | -3.82  | -3.71  |  |
| NHPRP ±Pi/6 (dBm)          | -6.55  | -6.12  | -6.06  | -5.63  | -5.98  | -6.21  | -5.52  | -5.93  | -5.71  | -5.19  | -5.43  | -5.39  | -5.09  | -5.35  | -5.28  |  |
| NHPRP ±Pi/8 (dBm)          | -7.78  | -7.37  | -7.29  | -6.81  | -7.21  | -7.43  | -6.61  | -7.03  | -6.79  | -6.20  | -6.47  | -6.43  | -6.12  | -6.44  | -6.44  |  |
| Upper Hem. PRP (dBm)       | -6.12  | -5.33  | -5.09  | -4.74  | -4.71  | -4.89  | -4.38  | -4.54  | -4.52  | -4.30  | -4.43  | -4.48  | -4.33  | -4.46  | -4.46  |  |
| Lower Hem. PRP (dBm)       | -6.69  | -6.39  | -6.34  | -5.95  | -6.50  | -6.66  | -6.11  | -6.68  | -6.52  | -6.16  | -6.63  | -6.59  | -6.43  | -6.83  | -6.65  |  |
| Upper Hem. PRP (%)         | 24.45  | 29.29  | 30.95  | 33.54  | 33.84  | 32.40  | 36.47  | 35.13  | 35.30  | 37.12  | 36.08  | 35.64  | 36.94  | 35.83  | 35.83  |  |
| Lower Hem. PRP (%)         | 21.45  | 22.94  | 23.25  | 25.38  | 22.37  | 21.57  | 24.47  | 21.50  | 22.27  | 24.22  | 21.72  | 21.93  | 22.75  | 20.76  | 21.64  |  |

### 3、方向图



4、天线摆放位置



5、结构图纸

