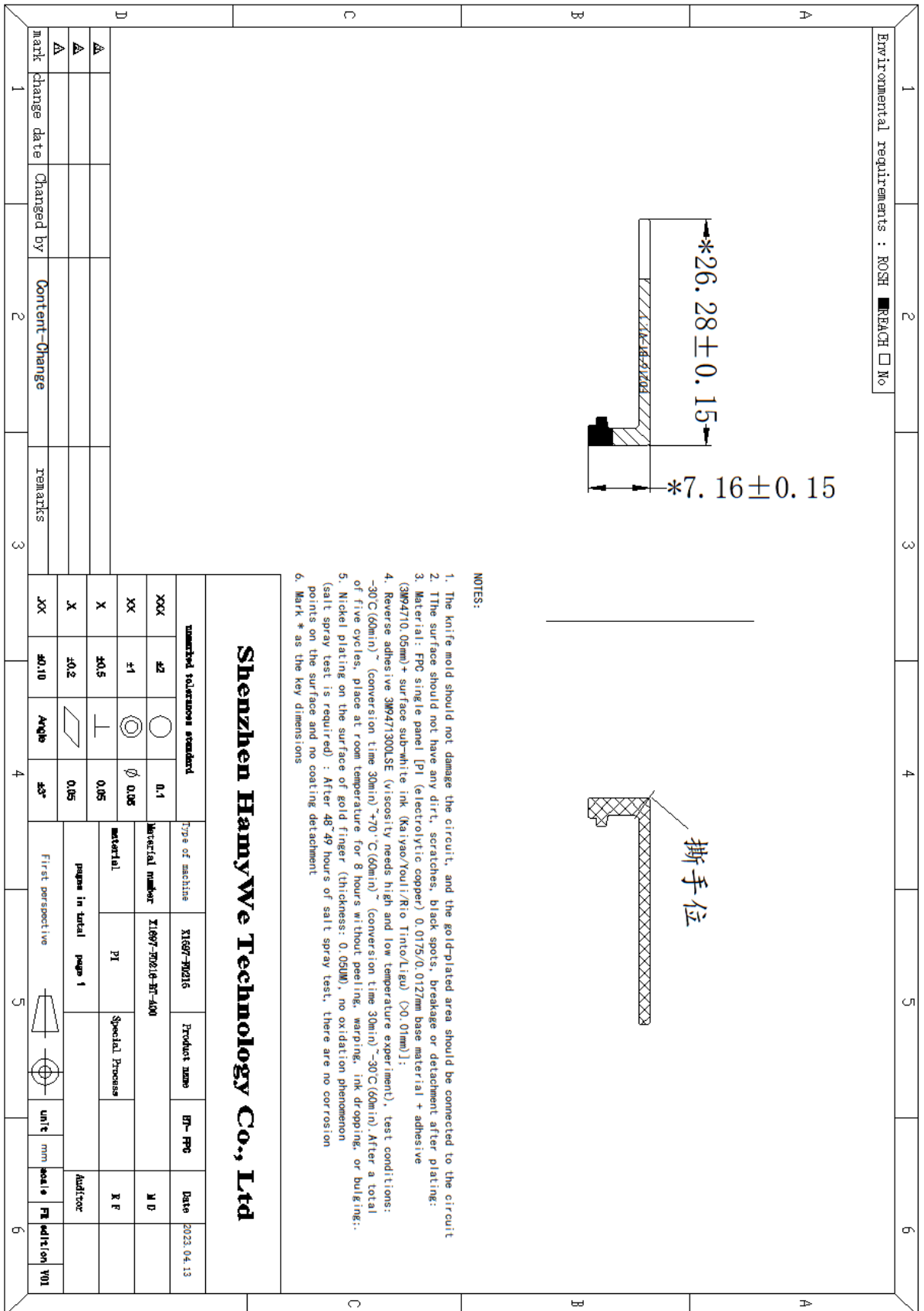


ANTENNA DATA SHEET

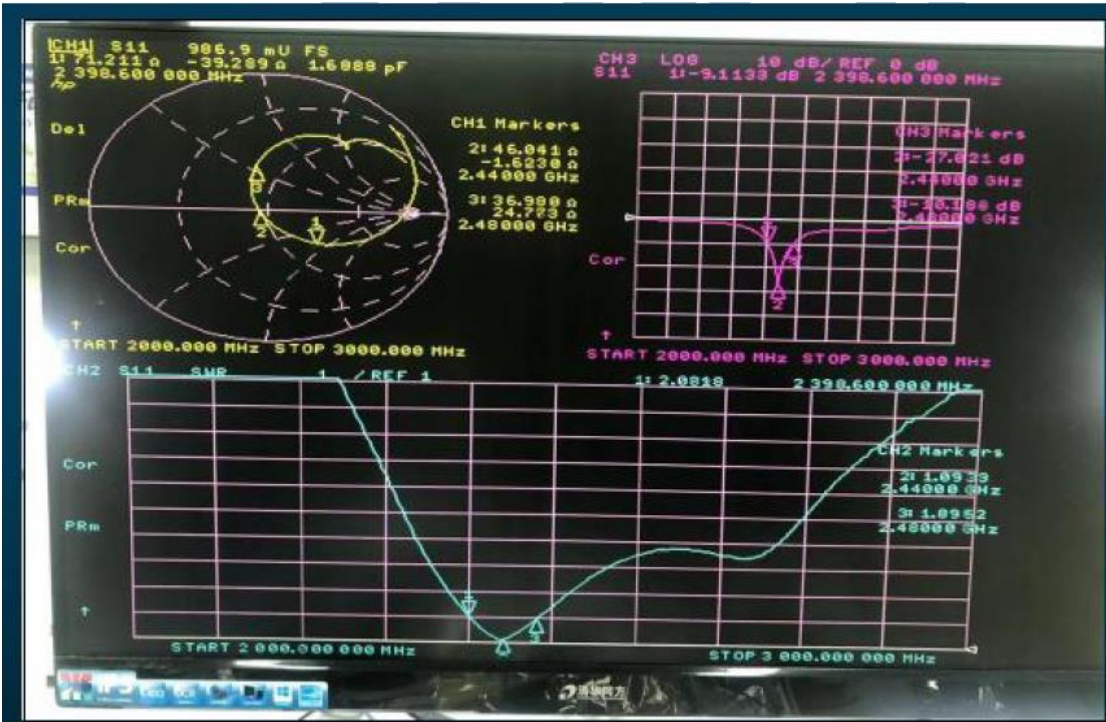
1. Summary

| | |
|---------------|--|
| Product Name: | BT Antenna |
| Model Number: | FD216-X1697-BT |
| Antenna Type: | PIFA Antenna |
| Peak Gain: | -2.43dBi |
| Manufacturer: | Shenzhen HamyWe Technology Co.,Ltd. |
| Address: | Room 308-316, Kaiyilian Building, No. 23 Liuxianshan Road, Bao'an District, Shenzhen, Guangdong, China |

2. Antenna Drawing



3. VSMR (Test in free space)



4. Gain&Efficiency

Test In The Arm

| Frequency (MHz) | Efficiency (dBm) | Gain (dBi) | Efficiency (%) |
|-----------------|------------------|------------|----------------|
| 2400 | -11.23 | -4.7 | 8.53 |
| 2410 | -11.29 | -4.77 | 8.44 |
| 2420 | -11.43 | -4.91 | 8.19 |
| 2430 | -11.34 | -4.79 | 8.35 |
| 2440 | -11.4 | -4.82 | 8.25 |
| 2450 | -11.37 | -4.78 | 8.29 |
| 2460 | -11.43 | -4.89 | 8.19 |
| 2470 | -11.41 | -4.79 | 8.22 |
| 2480 | -11.47 | -4.91 | 8.13 |
| 2490 | -11.59 | -5.15 | 8.93 |
| 2500 | -11.65 | -5.31 | 7.84 |

Free Space

| Frequency (MHz) | Efficiency (dBm) | Gain (dBi) | Efficiency (%) |
|-----------------|------------------|------------|----------------|
| 2400 | -5.85 | -2.46 | 26.02 |
| 2410 | -5.88 | -2.43 | 25.85 |
| 2420 | -6.04 | -2.73 | 24.89 |
| 2430 | -5.98 | -2.51 | 25.26 |
| 2440 | -6.11 | -2.65 | 24.5 |
| 2450 | -6.09 | -2.58 | 24.62 |
| 2460 | -6.19 | -2.47 | 24.03 |
| 2470 | -6.24 | -2.42 | 23.79 |
| 2480 | -6.33 | -2.49 | 23.27 |
| 2490 | -6.45 | -2.34 | 22.62 |
| 2500 | -6.57 | -2.52 | 22.01 |

5. 2D Radiation Pattern

