

# Pulse 調適報告 for 西門子 傳感器

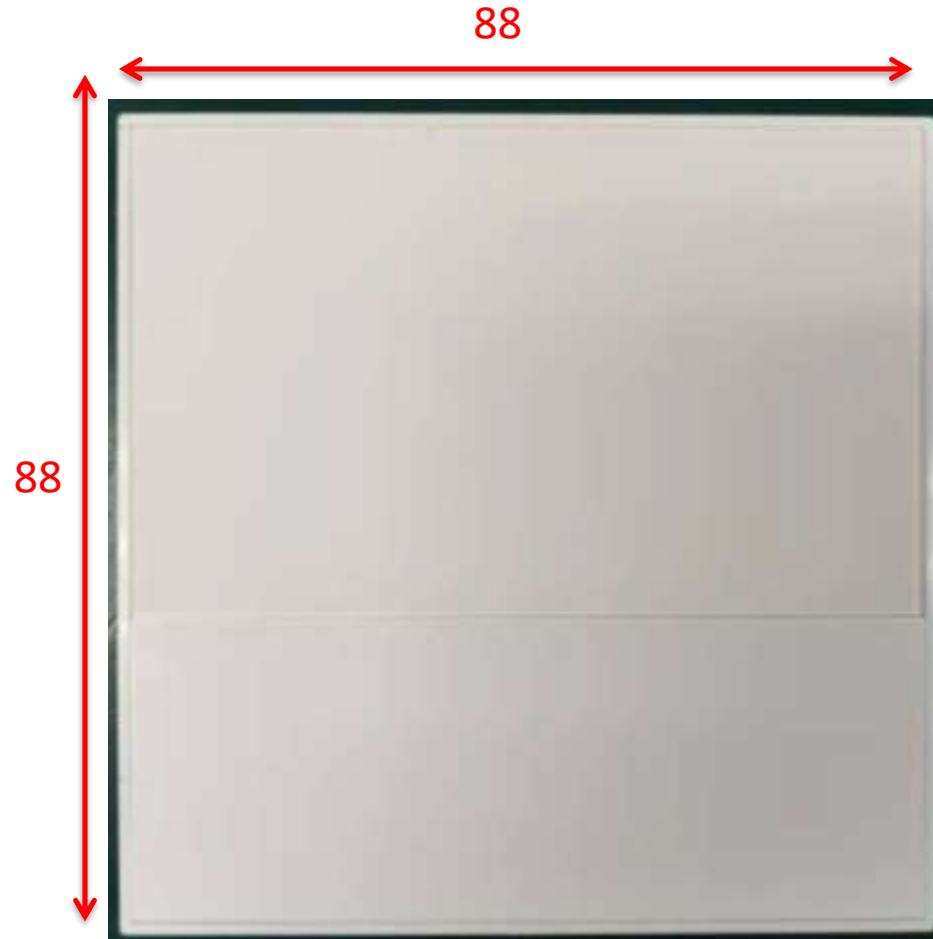
March 14, 2022



1. Customer : 西門子
2. Project Name : 傳感器
3. Application : 溫度感測器
4. Version : 3

Yageo Antenna : ANT5320LL45R2400A

# Product Appearance



Unit : mm

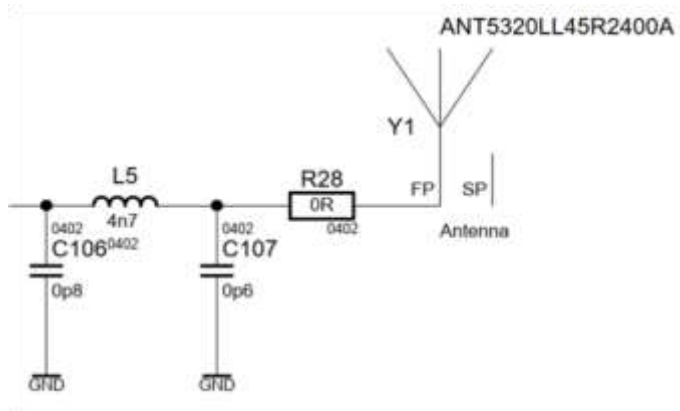
CNC機殼\_正面

ANT5320LL45R2400A

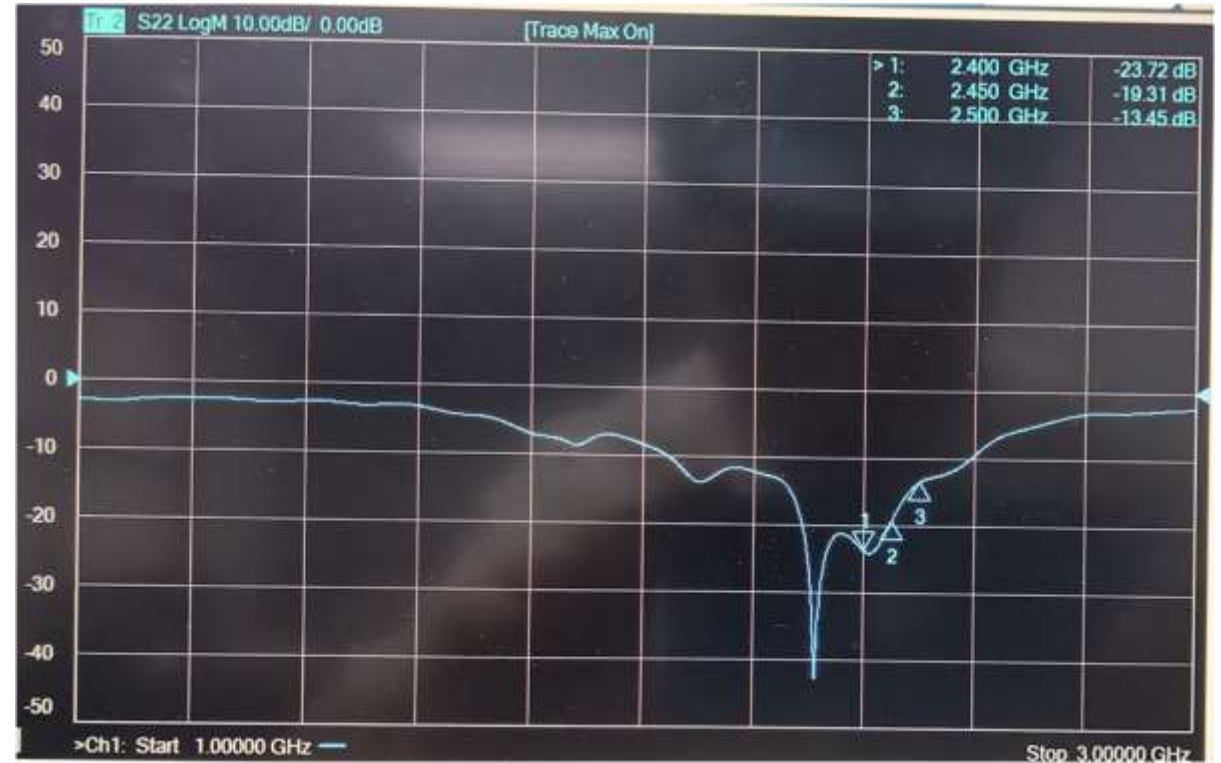




**Pulse**  
a YAGEO company



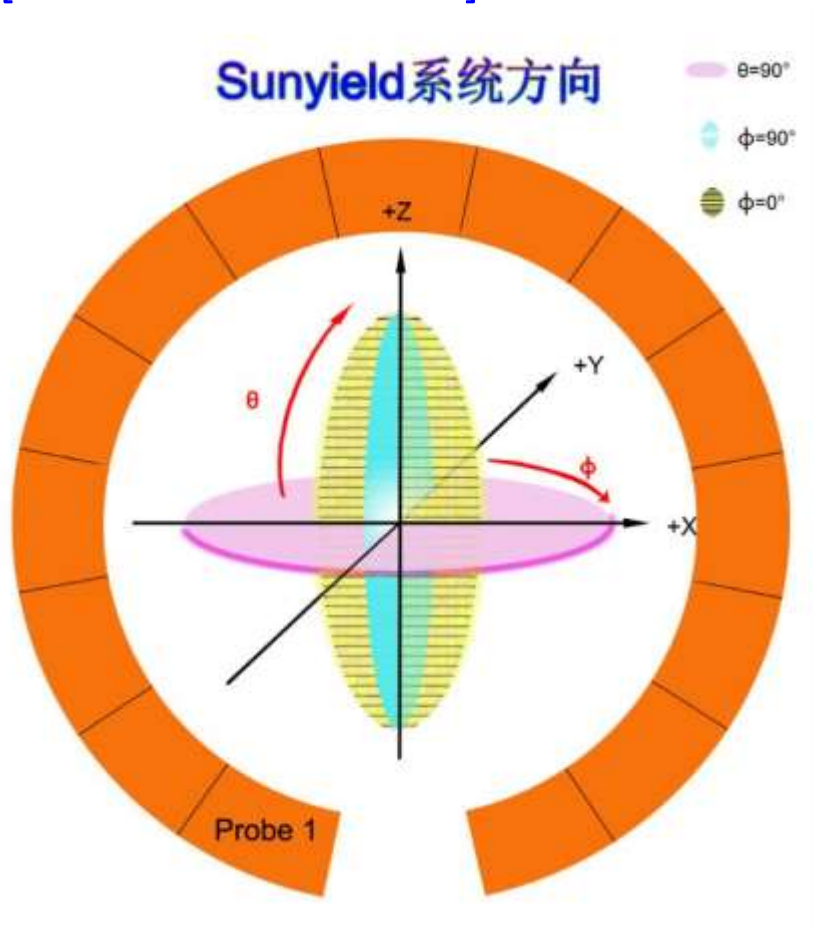
| Component |            | Value  |        |
|-----------|------------|--------|--------|
| R28       | Resistance |        | 0Ω     |
| C106      | Capacitor  | Murata | 0.8 pF |
| C107      | Capacitor  | Yageo  | 0.6 pF |
| L5        | Inductor   | Yageo  | 4.7 nH |



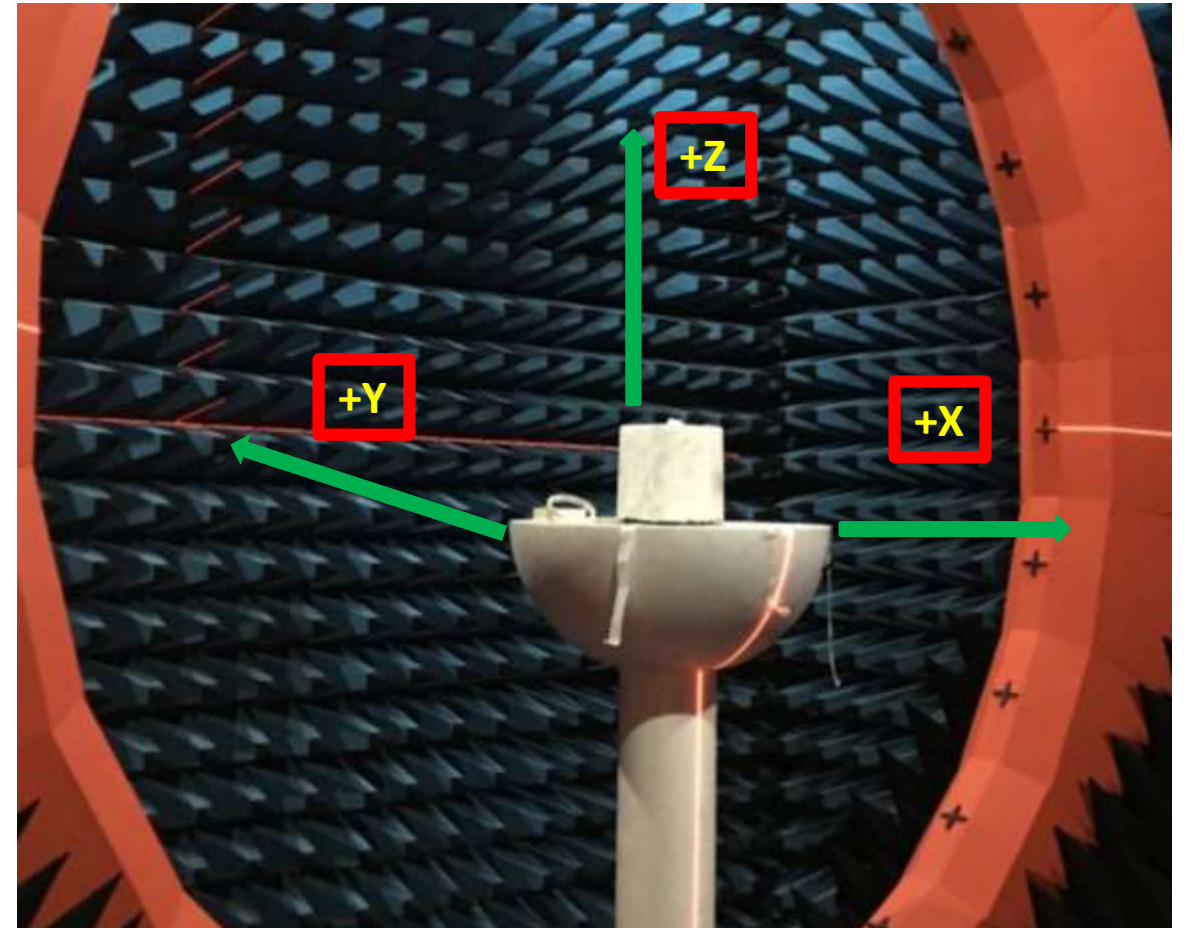
| Frequency (MHz) | 2400   | 2450   | 2500   |
|-----------------|--------|--------|--------|
| R.L. (dB)       | -23.72 | -19.31 | -13.45 |

# Measurement Configuration

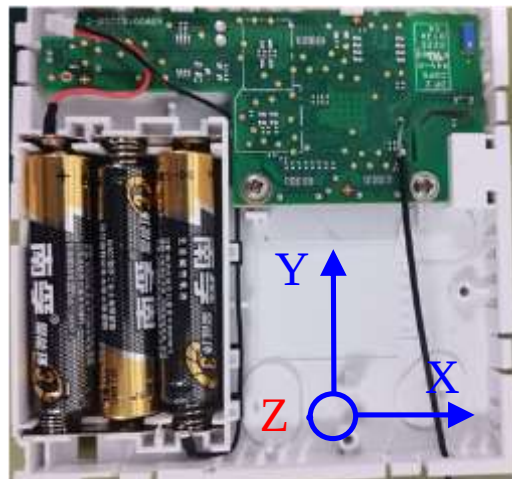
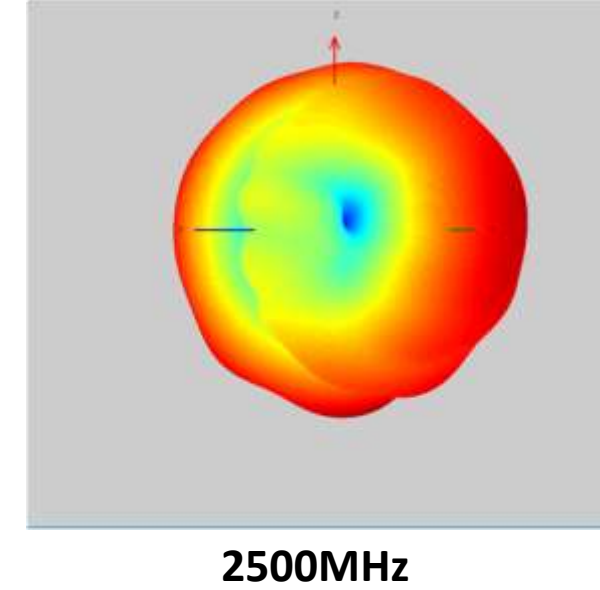
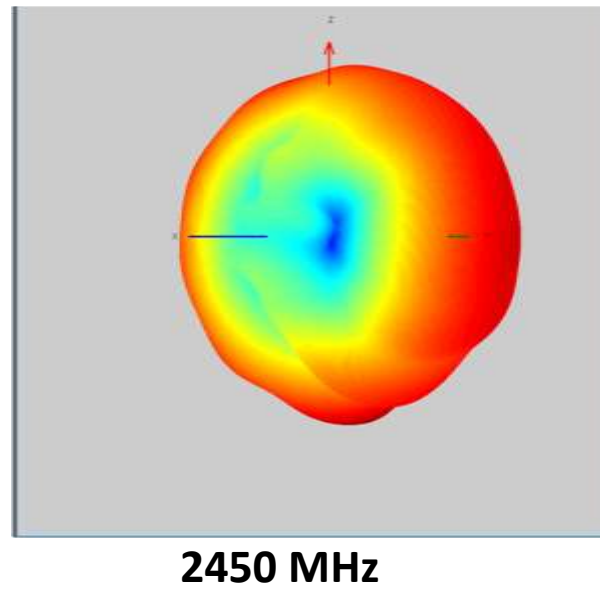
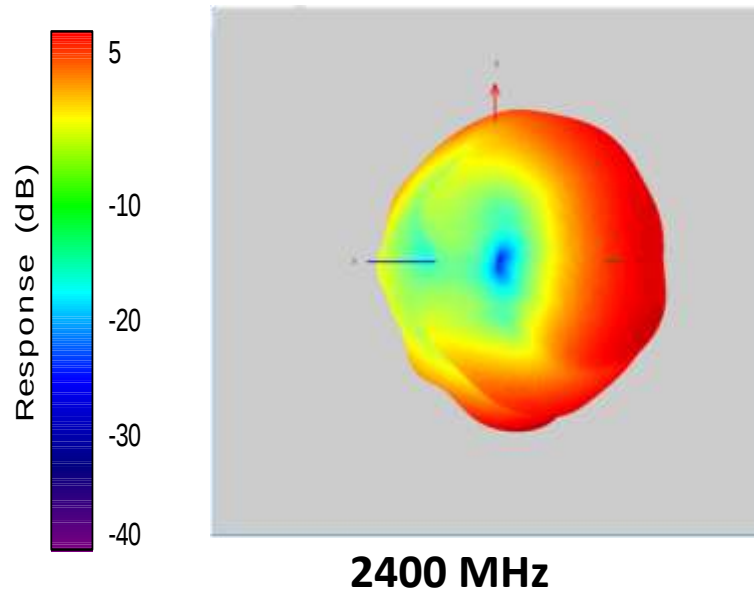
## [ Direction Definition ]



## [ Testing Environment ]



# Antenna Performance



| Frequency (MHz) | 2400   | 2450   | 2500   |
|-----------------|--------|--------|--------|
| R.L. (dB)       | -23.72 | -19.31 | -13.45 |
| Gain(dB)        | 2.54   | 2.65   | 2.34   |
| Avg. Gain(dB)   | -3.02  | -3.16  | -3.39  |
| Efficiency (%)  | 49.3   | 48.7   | 45.6   |

# Thank You

