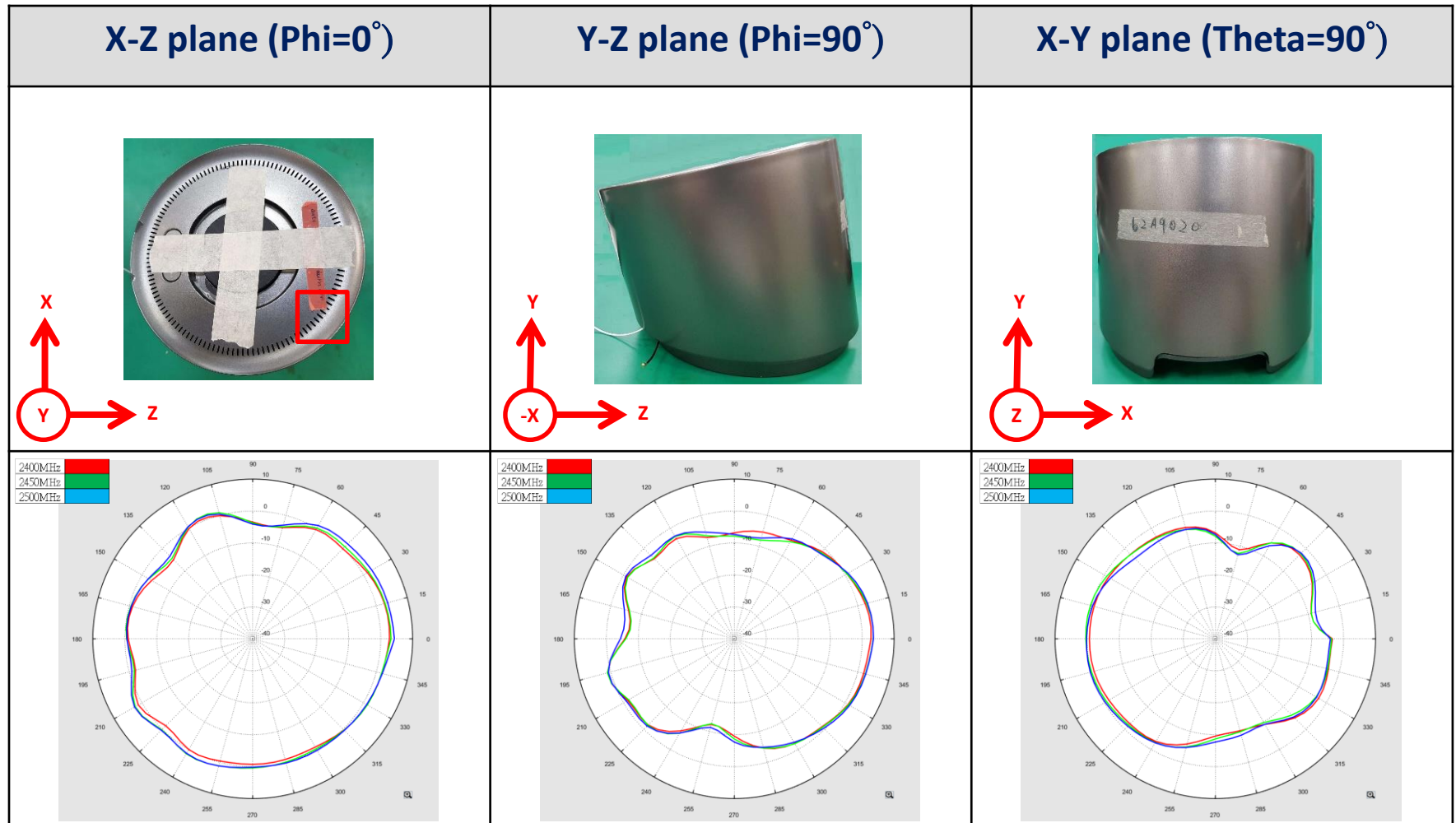


|   |              |                         |                                       |     |             |     |                |
|---|--------------|-------------------------|---------------------------------------|-----|-------------|-----|----------------|
|   | 1            | 2                       | 3                                     | 4   | 5           | 6   | 7              |
|   | 一般未注公差 (mm)  |                         |                                       |     | 客戶簽名        |     | 客戶承認圖面         |
| A | X            | ±1.0                    | HF                                    |     |             |     |                |
|   | X.X          | ±0.5                    |                                       |     |             |     |                |
|   | X.XX         | ±0.3                    |                                       |     |             |     |                |
|   | ANGULAR      | ±5.0°                   |                                       |     |             |     |                |
|   | 成品單重         | X.X g                   |                                       |     |             |     |                |
| B | 重點尺寸 指示符     |                         |                                       |     |             |     |                |
|   | 3M 9888T 雙面膠 |                         |                                       |     |             |     |                |
| C |              |                         |                                       |     |             |     |                |
| D |              |                         |                                       |     |             |     |                |
| E |              |                         |                                       |     |             |     |                |
| F |              |                         |                                       |     |             |     |                |
| G |              |                         |                                       |     |             |     |                |
| H |              |                         |                                       |     |             |     |                |
| I |              |                         |                                       |     |             |     |                |
| J | 4            | 雙面膠                     | 3M 9888T (49x8) 雙面膠 帶離型紙              |     |             |     | 1              |
|   | 3            | FPCB                    | WPB733                                |     |             | 黑   | 1              |
|   | 2            | MHF Connector           | 20565-001R-13                         |     |             | 金   | 1              |
|   | 1            | MINI 1.13 Coaxial Cable | MINI 1.13 CABLE 黑 (SY113L/50-001-004) |     |             | 黑   | 195            |
|   | NO           | 材料名稱                    | 零件規格                                  |     |             | 顏色  | 切斷尺寸           |
| K | 第3角法         |                         | 圖面不用實測                                |     | 機种料号        |     | 9-00-0011      |
|   | 單位: mm       |                         | 作成                                    | 檢圖  | 確認          | 核准  | 品名             |
|   | 比例: FREE     |                         |                                       |     |             |     | 产品分类           |
|   | 2022年01月14日  |                         | 徐晨瑄                                   | 陳曄傑 | 吳怡萩         | 楊怡隆 | 图面编号           |
|   |              |                         |                                       |     | LS2WFI0006A |     | 版次             |
|   |              |                         |                                       |     | 客户版次:       |     | 表单编号:RD-4-037D |
|   |              |                         |                                       |     |             |     | 页次: 1/1        |
|   | 萬旭WANSHIH    |                         |                                       |     |             |     |                |



# Measurement data -Radiation pattern

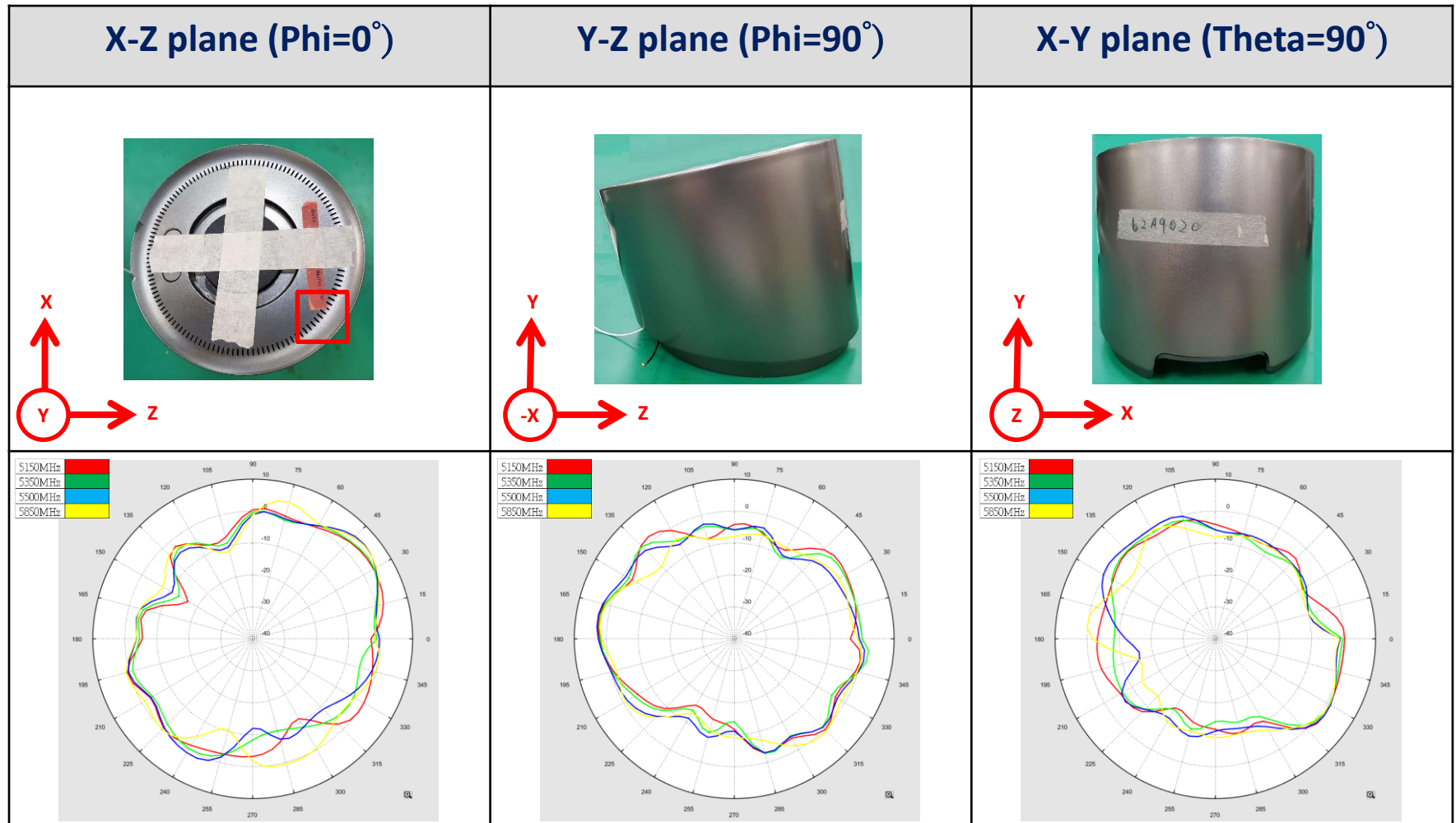
Radiation pattern –Ant2\_w/ battery (2.4GHz)





# Measurement data -Radiation pattern

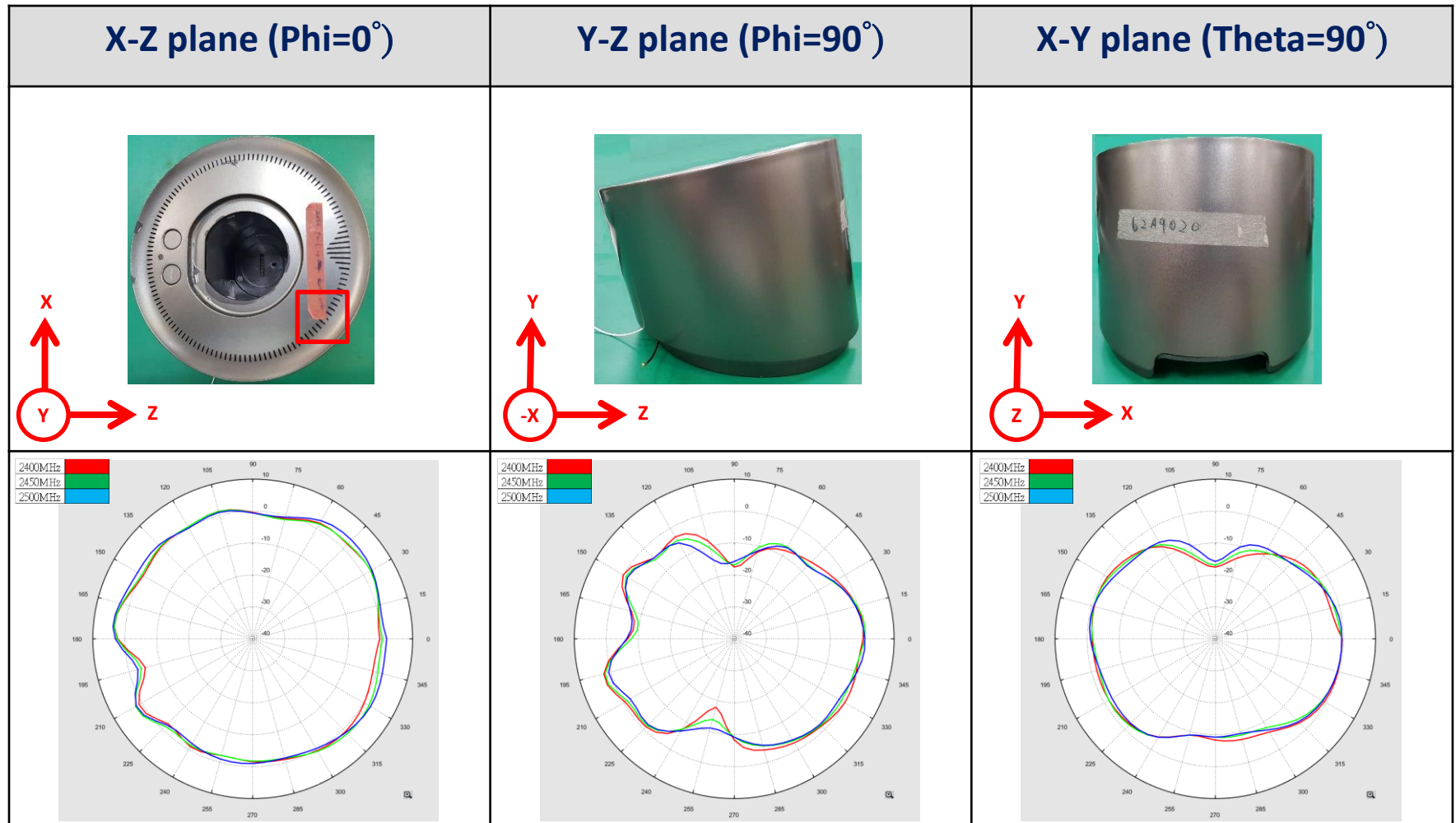
Radiation pattern –Ant2\_w/ battery (5GHz)





# Measurement data -Radiation pattern

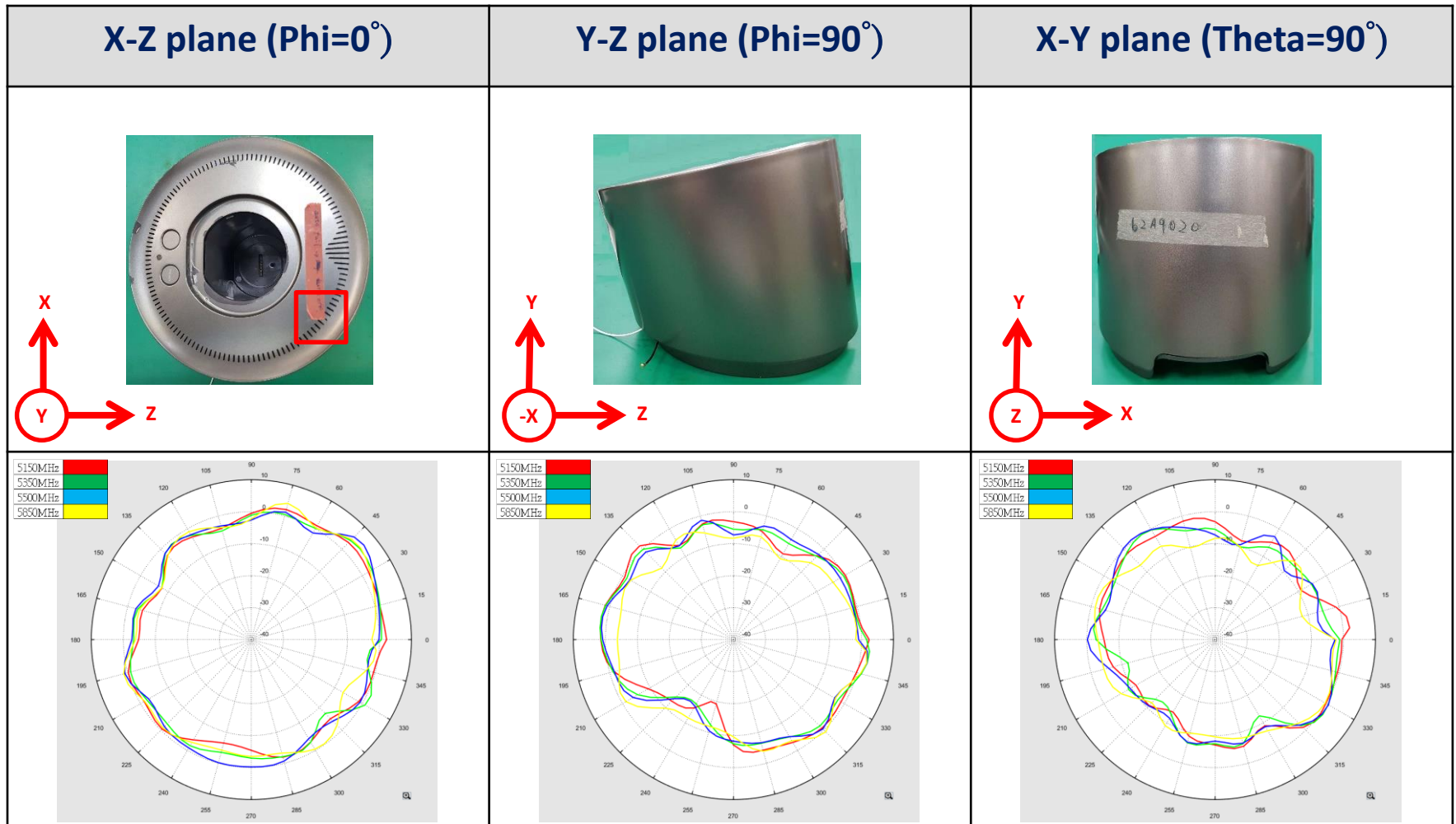
Radiation pattern –Ant2\_w/o battery (2.4GHz)





# Measurement data -Radiation pattern

Radiation pattern –Ant2\_w/o battery (5GHz)





# Measurement data -Gain table

Gain table-Ant2\_w/ battery

| <b>Frequency<br/>(MHz)</b> | <b>2400</b> | <b>2450</b> | <b>2500</b> | <b>5150</b> | <b>5350</b> | <b>5500</b> | <b>5850</b> |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| <b>Peak Gain<br/>(dBi)</b> | 2.80        | 3.62        | 3.30        | 3.68        | 3.91        | 4.32        | 4.52        |
| <b>Avg. Gain<br/>(dBi)</b> | -1.79       | -1.59       | -1.73       | -1.94       | -1.87       | -1.84       | -2.04       |
| <b>Efficiency<br/>(%)</b>  | 66.22       | 69.34       | 67.14       | 63.97       | 65.01       | 65.46       | 62.52       |



# Measurement data -Gain table

Gain table-Ant2\_w/o battery

| Frequency<br>(MHz) | 2400  | 2450  | 2500  | 5150  | 5350  | 5500  | 5850  |
|--------------------|-------|-------|-------|-------|-------|-------|-------|
| Peak Gain<br>(dBi) | 2.97  | 3.40  | 3.06  | 3.81  | 3.85  | 4.39  | 4.22  |
| Avg. Gain<br>(dBi) | -1.85 | -1.65 | -1.77 | -1.88 | -1.83 | -1.79 | -2.00 |
| Efficiency<br>(%)  | 65.31 | 68.39 | 66.53 | 64.86 | 65.61 | 66.22 | 63.10 |