

# Antenna Test Report

The gain of each antenna is measured in a fully anechoic chamber certified by CTIA OTA. The individual gains of all antennas are then mathematically summed at the same spatial position (azimuth and elevation) across all points in a spherical antenna pattern, following the FCC KDB 662911 D01 guidelines to compute the directional antenna gain.

## 1. General Information of Equipment Under Test

|              |                              |
|--------------|------------------------------|
| Equipment    | AN-830-AP-I<br>AN-830-AP-I-1 |
| Brand Name   | Araknis Networks             |
| Model Name   | AN-830-AP-I<br>AN-830-AP-I-1 |
| Applicant    | Snap One, LLC                |
| Manufacturer | Snap One, LLC                |

## 2. Test Location

|                    |                                                                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Site          | Sporton International Inc. (Taiwan)                                                                                                              |
| Test Site Location | No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist.,<br>Taoyuan City 333010, Taiwan (R.O.C.)<br>TEL: +886-3-327-0868<br>FAX: +886-3-327-0855 |
| Test Site No.      | Sporton Site No.<br>OTA07-HY                                                                                                                     |

| Test Method | Test Engineer | Environment (°C / %) | Test Date                     |
|-------------|---------------|----------------------|-------------------------------|
| Radiated    | otis          | 23~25 / 42~52        | Nov. 28, 2025 ~ Dec. 03, 2025 |

### 3. Test Frequency

| Band (MHz) | Test Frequency (MHz)   |
|------------|------------------------|
| 2400-2480  | 2400, 2437, 2480       |
| 5150-5250  | 5150, 5220, 5250       |
| 5250-5350  | 5250, 5300, 5350       |
| 5470-5725  | 5470, 5580, 5725       |
| 5725-5850  | 5725, 5785, 5850       |
| 5925-6425  | 5925, 6200, 6425       |
| 6425-6525  | 6425, 6500, 6525       |
| 6525-6875  | 6525, 6700, 6750, 6875 |
| 6875-7125  | 6875, 7000, 7050, 7125 |

### 4. Antenna Information

| Ant. Position          | Brand Name | Model Name   | Ant. Type | Connector |
|------------------------|------------|--------------|-----------|-----------|
| Antenna #1 (WLAN 2.4G) | AWAN       | 7102A1324000 | IFA       | UF.L      |
| Antenna #2 (WLAN 2.4G) | AWAN       | 7102A1325000 | IFA       | UF.L      |
| Antenna #3 (WLAN 5G)   | AWAN       | 7102A1324000 | IFA       | UF.L      |
| Antenna #4 (WLAN 5G)   | AWAN       | 7102A1325000 | IFA       | UF.L      |
| Antenna #5 (WLAN 5G)   | AWAN       | 7102A1326000 | IFA       | UF.L      |
| Antenna #6 (WLAN 5G)   | AWAN       | 7102A1327000 | IFA       | UF.L      |
| Antenna #7 (WLAN 6G)   | AWAN       | 7102A1324000 | IFA       | UF.L      |
| Antenna #8 (WLAN 6G)   | AWAN       | 7102A1325000 | IFA       | UF.L      |
| Antenna #9 (WLAN 6G)   | AWAN       | 7102A1326000 | IFA       | UF.L      |
| Antenna #10 (WLAN 6G)  | AWAN       | 7102A1327000 | IFA       | UF.L      |

## 5. Test Results

### 5.1 Individual Antenna Gain

| Maximum antenna gain for individual antenna |                 |                    |       |     |
|---------------------------------------------|-----------------|--------------------|-------|-----|
| Antenna                                     | Frequency (MHz) | Antenna gain (dBi) | Theta | Phi |
| #1                                          | 2400MHz         | 1.77(dBi)          | 20    | 10  |
| #1                                          | 2437MHz         | 2.02(dBi)          | 50    | 260 |
| #1                                          | 2480MHz         | 1.97(dBi)          | 50    | 260 |
| #2                                          | 2400MHz         | 3.42(dBi)          | 50    | 90  |
| #2                                          | 2437MHz         | 3.76(dBi)          | 50    | 270 |
| #2                                          | 2480MHz         | 3.7(dBi)           | 50    | 270 |
| #3                                          | 5150MHz         | 4.66(dBi)          | 10    | 30  |
| #3                                          | 5220MHz         | 3.4(dBi)           | 40    | 10  |
| #3                                          | 5250MHz         | 3.5(dBi)           | 40    | 10  |
| #3                                          | 5300MHz         | 3.87(dBi)          | 70    | 20  |
| #3                                          | 5350MHz         | 4.12(dBi)          | 70    | 20  |
| #3                                          | 5470MHz         | 4.67(dBi)          | 30    | 130 |
| #3                                          | 5580MHz         | 3.56(dBi)          | 60    | 350 |
| #3                                          | 5725MHz         | 3.52(dBi)          | 60    | 350 |
| #3                                          | 5785MHz         | 4.96(dBi)          | 60    | 350 |
| #3                                          | 5850MHz         | 5.01(dBi)          | 60    | 350 |
| #4                                          | 5150MHz         | 4.42(dBi)          | 20    | 190 |
| #4                                          | 5220MHz         | 4.22(dBi)          | 70    | 210 |
| #4                                          | 5250MHz         | 5.12(dBi)          | 70    | 210 |
| #4                                          | 5300MHz         | 5.94(dBi)          | 70    | 210 |
| #4                                          | 5350MHz         | 6.05(dBi)          | 70    | 210 |
| #4                                          | 5470MHz         | 5.88(dBi)          | 70    | 210 |
| #4                                          | 5580MHz         | 5.61(dBi)          | 70    | 210 |
| #4                                          | 5725MHz         | 3.74(dBi)          | 70    | 210 |
| #4                                          | 5785MHz         | 4.17(dBi)          | 70    | 180 |
| #4                                          | 5850MHz         | 5.07(dBi)          | 70    | 210 |

| Maximum antenna gain for individual antenna |         |           |    |     |
|---------------------------------------------|---------|-----------|----|-----|
| #5                                          | 5150MHz | 4.34(dBi) | 70 | 350 |
| #5                                          | 5220MHz | 4.12(dBi) | 70 | 290 |
| #5                                          | 5250MHz | 3.98(dBi) | 70 | 290 |
| #5                                          | 5300MHz | 3.66(dBi) | 70 | 290 |
| #5                                          | 5350MHz | 3.73(dBi) | 70 | 290 |
| #5                                          | 5470MHz | 3.39(dBi) | 20 | 180 |
| #5                                          | 5580MHz | 3.63(dBi) | 60 | 240 |
| #5                                          | 5725MHz | 3.81(dBi) | 60 | 240 |
| #5                                          | 5785MHz | 3.6(dBi)  | 60 | 240 |
| #5                                          | 5850MHz | 3.86(dBi) | 60 | 240 |
| #6                                          | 5150MHz | 3.89(dBi) | 10 | 140 |
| #6                                          | 5220MHz | 4.33(dBi) | 60 | 70  |
| #6                                          | 5250MHz | 4.58(dBi) | 60 | 70  |
| #6                                          | 5300MHz | 4.41(dBi) | 60 | 70  |
| #6                                          | 5350MHz | 4.25(dBi) | 70 | 70  |
| #6                                          | 5470MHz | 3.43(dBi) | 30 | 350 |
| #6                                          | 5580MHz | 3.98(dBi) | 70 | 100 |
| #6                                          | 5725MHz | 4.29(dBi) | 30 | 350 |
| #6                                          | 5785MHz | 4.4(dBi)  | 30 | 350 |
| #6                                          | 5850MHz | 3.43(dBi) | 70 | 70  |
| #7                                          | 5925MHz | 5.72(dBi) | 70 | 290 |
| #7                                          | 6200MHz | 5.15(dBi) | 60 | 300 |
| #7                                          | 6425MHz | 4.16(dBi) | 60 | 290 |
| #7                                          | 6500MHz | 5.43(dBi) | 70 | 300 |
| #7                                          | 6525MHz | 5.67(dBi) | 70 | 300 |
| #7                                          | 6700MHz | 6.71(dBi) | 60 | 300 |
| #7                                          | 6750MHz | 6(dBi)    | 60 | 300 |
| #7                                          | 6875MHz | 5.53(dBi) | 50 | 300 |
| #7                                          | 7000MHz | 6.22(dBi) | 50 | 310 |
| #7                                          | 7050MHz | 6.23(dBi) | 50 | 310 |
| #7                                          | 7125MHz | 5.51(dBi) | 50 | 360 |

| Maximum antenna gain for individual antenna |         |           |    |     |
|---------------------------------------------|---------|-----------|----|-----|
| #8                                          | 5925MHz | 4.6(dBi)  | 50 | 140 |
| #8                                          | 6200MHz | 5.9(dBi)  | 70 | 230 |
| #8                                          | 6425MHz | 5.37(dBi) | 60 | 110 |
| #8                                          | 6500MHz | 5.93(dBi) | 60 | 110 |
| #8                                          | 6525MHz | 5.89(dBi) | 60 | 110 |
| #8                                          | 6700MHz | 6.68(dBi) | 60 | 110 |
| #8                                          | 6750MHz | 6.48(dBi) | 50 | 180 |
| #8                                          | 6875MHz | 6.52(dBi) | 50 | 180 |
| #8                                          | 7000MHz | 4.9(dBi)  | 50 | 180 |
| #8                                          | 7050MHz | 5.59(dBi) | 50 | 180 |
| #8                                          | 7125MHz | 5.81(dBi) | 50 | 180 |
| #9                                          | 5925MHz | 5.77(dBi) | 60 | 190 |
| #9                                          | 6200MHz | 5.8(dBi)  | 60 | 200 |
| #9                                          | 6425MHz | 4.96(dBi) | 70 | 330 |
| #9                                          | 6500MHz | 5.98(dBi) | 70 | 330 |
| #9                                          | 6525MHz | 5.74(dBi) | 70 | 330 |
| #9                                          | 6700MHz | 5.45(dBi) | 70 | 340 |
| #9                                          | 6750MHz | 5.64(dBi) | 60 | 210 |
| #9                                          | 6875MHz | 5.09(dBi) | 70 | 340 |
| #9                                          | 7000MHz | 4.55(dBi) | 70 | 200 |
| #9                                          | 7050MHz | 4.96(dBi) | 70 | 200 |
| #9                                          | 7125MHz | 5.73(dBi) | 70 | 340 |
| #10                                         | 5925MHz | 5(dBi)    | 30 | 140 |
| #10                                         | 6200MHz | 4.23(dBi) | 60 | 60  |
| #10                                         | 6425MHz | 4.74(dBi) | 70 | 60  |
| #10                                         | 6500MHz | 5.46(dBi) | 70 | 60  |
| #10                                         | 6525MHz | 5.42(dBi) | 70 | 60  |
| #10                                         | 6700MHz | 5.28(dBi) | 70 | 160 |
| #10                                         | 6750MHz | 5.48(dBi) | 70 | 160 |
| #10                                         | 6875MHz | 5.25(dBi) | 70 | 160 |
| #10                                         | 7000MHz | 5.75(dBi) | 50 | 90  |
| #10                                         | 7050MHz | 6.11(dBi) | 50 | 90  |
| #10                                         | 7125MHz | 5.82(dBi) | 50 | 90  |

## 5.2 Directional Antenna Gain

| Directional gain                    |       |        |        |  |  |  |
|-------------------------------------|-------|--------|--------|--|--|--|
| Frequency (MHz)                     | 2400  | 2437   | 2480   |  |  |  |
| Ant.#1 Gain (dBi)                   | 0.77  | 1.74   | 1.97   |  |  |  |
| Ant.#2 Gain (dBi)                   | 3.42  | 3.76   | 3.13   |  |  |  |
| (Theta, Phi)                        | 50,90 | 50,270 | 50,260 |  |  |  |
| Correlated directional gain (dBi)   | 5.21  | 5.82   | 5.58   |  |  |  |
| Ant.#1 Gain (dBi)                   | 0.77  | 1.74   | 1.23   |  |  |  |
| Ant.#2 Gain (dBi)                   | 3.42  | 3.76   | 3.7    |  |  |  |
| (Theta, Phi)                        | 50,90 | 50,270 | 50,270 |  |  |  |
| Uncorrelated directional gain (dBi) | 2.29  | 2.87   | 2.64   |  |  |  |

| Directional gain                    |        |        |        |        |        |        |
|-------------------------------------|--------|--------|--------|--------|--------|--------|
| Frequency (MHz)                     | 5150   | 5220   | 5250   | 5300   | 5350   | 5470   |
| Ant.#3 Gain (dBi)                   | -3.42  | 1.01   | 0.94   | 0.75   | 1.55   | 3.09   |
| Ant.#4 Gain (dBi)                   | 4.11   | 2.52   | 2.75   | 1.06   | -0.21  | 2.37   |
| Ant.#5 Gain (dBi)                   | -0.45  | -6.82  | -6.95  | -2.2   | -1.95  | -2.21  |
| Ant.#6 Gain (dBi)                   | 1.37   | 3.65   | 3.67   | 3.07   | 2.16   | -0.38  |
| (Theta, Phi)                        | 20,180 | 40,110 | 40,110 | 50,110 | 50,110 | 40,120 |
| Correlated directional gain (dBi)   | 6.85   | 6.93   | 6.97   | 6.89   | 6.55   | 6.99   |
| Ant.#3 Gain (dBi)                   | -3.42  | 1.01   | 0.94   | -6.86  | -7.96  | 3.09   |
| Ant.#4 Gain (dBi)                   | 4.11   | 2.52   | 2.75   | 5.94   | 6.05   | 2.37   |
| Ant.#5 Gain (dBi)                   | -0.45  | -6.82  | -6.95  | -3.1   | -5.22  | -2.21  |
| Ant.#6 Gain (dBi)                   | 1.37   | 3.65   | 3.67   | -1.53  | -0.9   | -0.38  |
| (Theta, Phi)                        | 20,180 | 40,110 | 40,110 | 70,210 | 70,210 | 40,120 |
| Uncorrelated directional gain (dBi) | 1.23   | 1.44   | 1.5    | 1.25   | 1.22   | 1.2    |

| Directional gain                    |       |        |        |        |  |  |
|-------------------------------------|-------|--------|--------|--------|--|--|
| Frequency (MHz)                     | 5580  | 5725   | 5785   | 5850   |  |  |
| Ant.#3 Gain (dBi)                   | -0.28 | -2.81  | -1.65  | 1.73   |  |  |
| Ant.#4 Gain (dBi)                   | 1.46  | 3.45   | 3.71   | 3.21   |  |  |
| Ant.#5 Gain (dBi)                   | -1.02 | 0.89   | 1.5    | 1.48   |  |  |
| Ant.#6 Gain (dBi)                   | 2.86  | 1.17   | 0.61   | -1.69  |  |  |
| (Theta, Phi)                        | 60,70 | 70,160 | 70,160 | 60,310 |  |  |
| Correlated directional gain (dBi)   | 6.91  | 6.97   | 7.27   | 7.37   |  |  |
| Ant.#3 Gain (dBi)                   | -0.28 | -2.81  | -1.65  | 1.73   |  |  |
| Ant.#4 Gain (dBi)                   | 1.46  | 3.45   | 3.71   | 3.21   |  |  |
| Ant.#5 Gain (dBi)                   | -1.02 | 0.89   | 1.5    | 1.48   |  |  |
| Ant.#6 Gain (dBi)                   | 2.86  | 1.17   | 0.61   | -1.69  |  |  |
| (Theta, Phi)                        | 60,70 | 70,160 | 70,160 | 60,310 |  |  |
| Uncorrelated directional gain (dBi) | 1.02  | 1.2    | 1.46   | 1.51   |  |  |

| Directional gain                    |        |        |       |       |       |        |
|-------------------------------------|--------|--------|-------|-------|-------|--------|
| Frequency (MHz)                     | 5925   | 6200   | 6425  | 6500  | 6525  | 6700   |
| Ant.#7 Gain (dBi)                   | -4.57  | 3.32   | 2.55  | 4.71  | 4.75  | 0.81   |
| Ant.#8 Gain (dBi)                   | 3.98   | -2.84  | -0.56 | -1.48 | -0.77 | 6.68   |
| Ant.#9 Gain (dBi)                   | 2.41   | 0.71   | 2.51  | 2.29  | 2.56  | 1.14   |
| Ant.#10 Gain (dBi)                  | -1.76  | 3.6    | 3.99  | 3.5   | 3.9   | 2.96   |
| (Theta, Phi)                        | 70,200 | 60,50  | 60,60 | 50,50 | 50,50 | 60,110 |
| Correlated directional gain (dBi)   | 6.67   | 7.58   | 8.29  | 8.57  | 8.87  | 9.25   |
| Ant.#7 Gain (dBi)                   | -3.35  | -9.48  | 2.55  | 4.71  | 4.75  | 0.81   |
| Ant.#8 Gain (dBi)                   | 0.6    | 3.29   | -0.56 | -1.48 | -0.77 | 6.68   |
| Ant.#9 Gain (dBi)                   | 5.77   | 5.8    | 2.51  | 2.29  | 2.56  | 1.14   |
| Ant.#10 Gain (dBi)                  | -8.1   | -4.24  | 3.99  | 3.5   | 3.9   | 2.96   |
| (Theta, Phi)                        | 60,190 | 60,200 | 60,60 | 50,50 | 50,50 | 60,110 |
| Uncorrelated directional gain (dBi) | 1.42   | 2.06   | 2.41  | 2.79  | 3.06  | 3.59   |

| Directional gain                    |       |       |        |        |       |  |
|-------------------------------------|-------|-------|--------|--------|-------|--|
| Frequency (MHz)                     | 6750  | 6875  | 7000   | 7050   | 7125  |  |
| Ant.#7 Gain (dBi)                   | 4.43  | 3.06  | -3.38  | -1.68  | 2.59  |  |
| Ant.#8 Gain (dBi)                   | 0.54  | -1.14 | 1.7    | 2.04   | 1.7   |  |
| Ant.#9 Gain (dBi)                   | 2.91  | 2.84  | 4.55   | 4.96   | -2.96 |  |
| Ant.#10 Gain (dBi)                  | 4.2   | 4.58  | 1.89   | 1.81   | 5.26  |  |
| (Theta, Phi)                        | 60,40 | 60,40 | 70,200 | 70,200 | 70,50 |  |
| Correlated directional gain (dBi)   | 9.17  | 8.59  | 7.65   | 8.11   | 8.14  |  |
| Ant.#7 Gain (dBi)                   | 4.43  | 3.06  | -3.38  | -1.68  | 2.59  |  |
| Ant.#8 Gain (dBi)                   | 0.54  | -1.14 | 1.7    | 2.04   | 1.7   |  |
| Ant.#9 Gain (dBi)                   | 2.91  | 2.84  | 4.55   | 4.96   | -2.96 |  |
| Ant.#10 Gain (dBi)                  | 4.2   | 4.58  | 1.89   | 1.81   | 5.26  |  |
| (Theta, Phi)                        | 60,40 | 60,40 | 70,200 | 70,200 | 70,50 |  |
| Uncorrelated directional gain (dBi) | 3.27  | 2.78  | 2      | 2.39   | 2.53  |  |

The composite gain of the antenna is calculated using the formula in clause F)2)d)i) of KDB 662911 D01 v02r01, which determines the measured directional gain at the same spatial position (Theta, Phi) after measuring each individual antenna.

The F)2)d)i)and F)2)d)ii) of KDB 662911 D01 v02r01:

d) *Unequal antenna gains, with equal transmit powers.* For antenna gains given by  $G_1, G_2, \dots, G_N$  dBi

(i) If transmit signals are *correlated*, then

Directional gain =  $10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10})^2 / N_{ANT}]$  dBi [Note the “20”s in the denominator of each exponent and the square of the sum of terms; the object is to combine the signal levels coherently.]

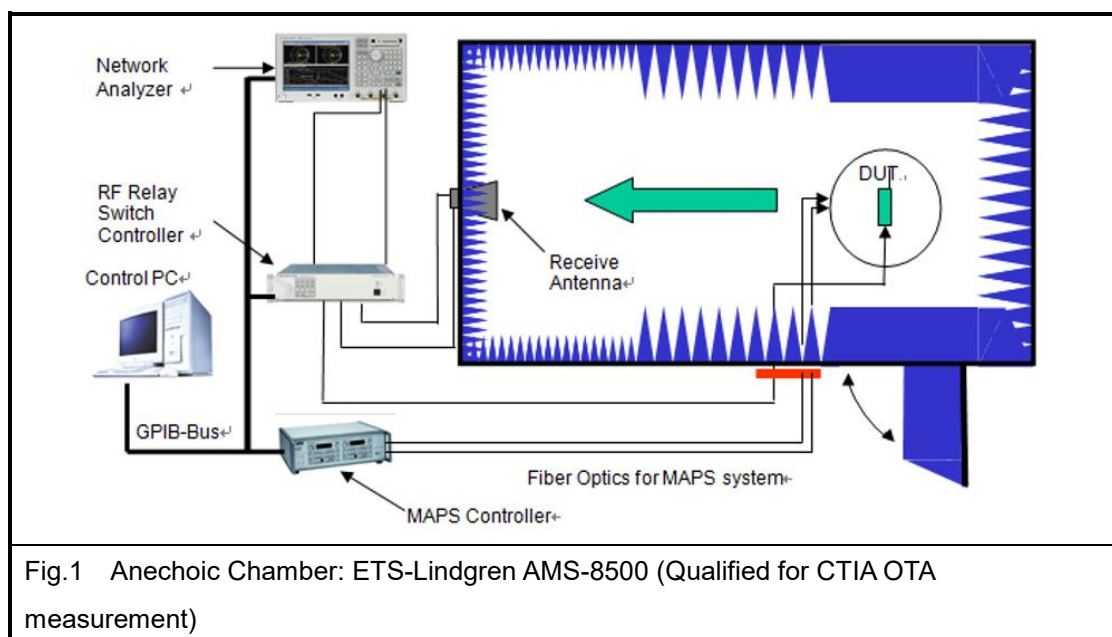
(ii) If all transmit signals are *completely uncorrelated*, then

Directional gain =  $10 \log[(10^{G_1/10} + 10^{G_2/10} + \dots + 10^{G_N/10}) / N_{ANT}]$  dBi

## 6. Radiated Measurement Method and Environment:

The directional gain is measured using a gain-comparison method, with the antenna under test positioned inside an anechoic chamber that meets the following specifications:

- Overall dimensions (L x W x H) : 7.5m x 3.9m x 3.9m (rectangular chamber)
- Antenna measured frequency range: 700MHz to 10GHz
- Quiet zone (cylindrical volume): diameter: 50cm, height: 36cm



## 6.1 Radiated Test Procedure:

- i. This test procedure primarily adheres to Section 3 of the CTIA Test Plan [1], which outlines the scope of measurement. The total range loss—comprising air loss, receiving antenna loss, and cable loss—has been pre-calibrated by comparing it with a calibrated antenna (ETS-Lindgren Sleeve dipole and horn antenna 3117). While conducting the radiated test on the Device Under Test (DUT), the total range loss has been taken into account for final results.
- ii. The Device Under Test (DUT) is positioned on a three-dimensional (3D) fixture constructed from low-dielectric material. One of the DUT's antennas is connected to the network analyzer, while the input port of the other antenna is properly terminated.
- iii. A three-dimensional characterization of the antenna performance of the DUT is pieced together by analyzing the data from the spatially distributed measurements. Data points taken every 10 degrees in the theta and in the phi axes are deemed sufficient to fully characterize the DUT's Far-Field radiation pattern and total radiated power.
- iv. The antenna gain is reported in Section 5.1 of this document and antenna patterns in Appendix A, respectively.
- v. Repeatedly test the other antenna by following the step iii to step v.
- vi. Once the individual antenna gains have been measured, the directional antenna gain is calculated using clauses F)2)d)i) and F)2)d)ii) of FCC KDB 662911 D01. In this process, the gains of all antennas are mathematically summed at the same azimuth and elevation position. The resulting superposition of the measured directional gains is reported in Section 5.2 of this document, while the antenna patterns can be found in Appendix A.



Fig.2 Test Chamber – Network Analyzer

## 6.2 Test Equipment:

| OTA07-HY                                    |              |              |               |            |            |
|---------------------------------------------|--------------|--------------|---------------|------------|------------|
| Instrument                                  | Brand Name   | Type/Model   | Serial Number | Last Cal.  | Due Date   |
| ENA Series Network Analyzer                 | Keysight     | E5071C       | MY46101588    | 2025/11/13 | 2026/11/12 |
| RF Switch                                   | ETS          | EMCENTER™    | N/A           | NCR        | NCR        |
| Measurement Horn Antenna<br>(700MHz -10GHz) | EMCO         | 3164-08      | 00102092      | NCR        | NCR        |
| ETS Test software                           | ETS-Lindgren | ETS_EMQuest  | SN:1224       | NCR        | NCR        |
| Sporton Test software<br>(Ver1. 2020-01-02) | Sporton      | 3D JIG Tools | N/A           | NCR        | NCR        |

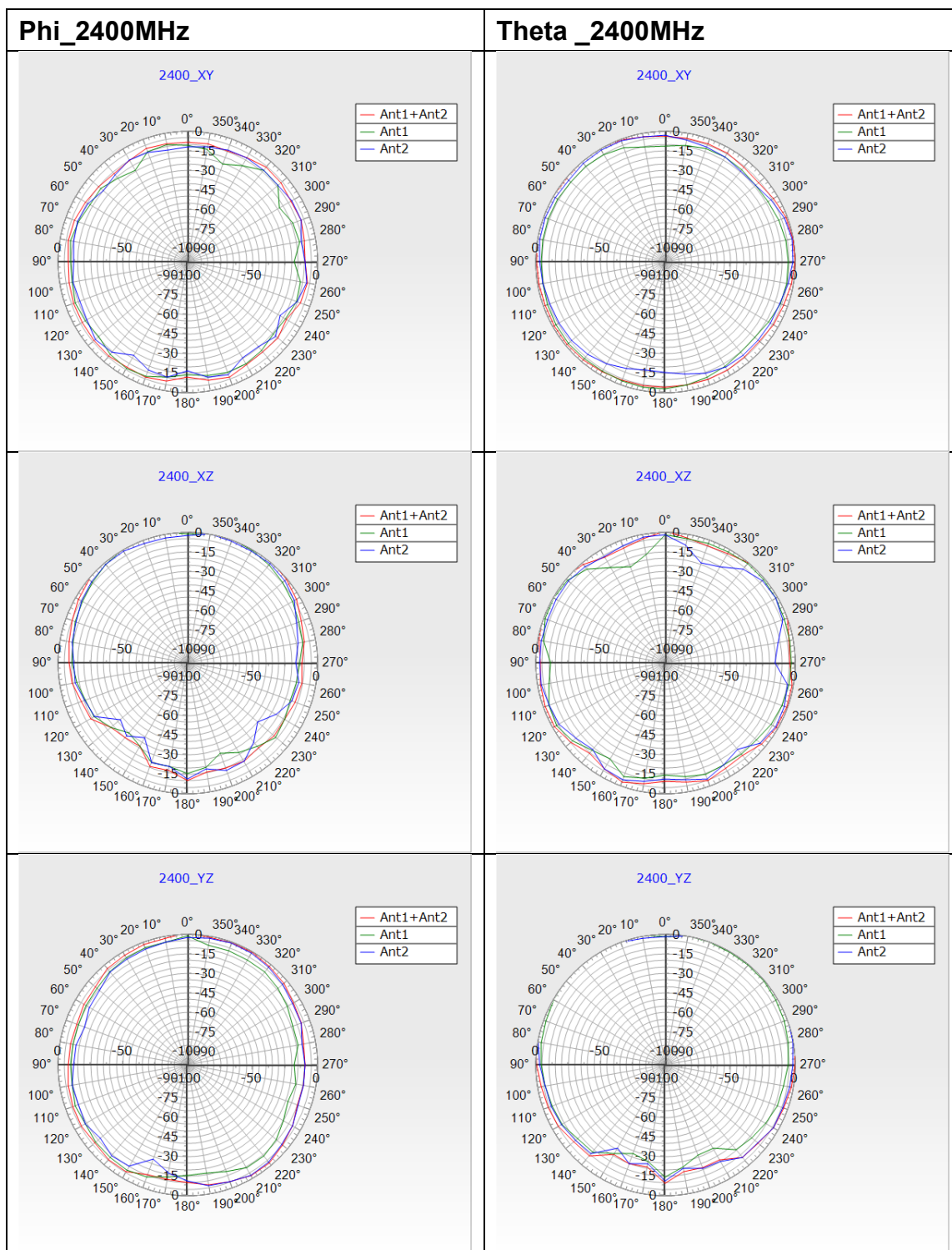
Note: NCR means No Calibration Required.

## 7. References

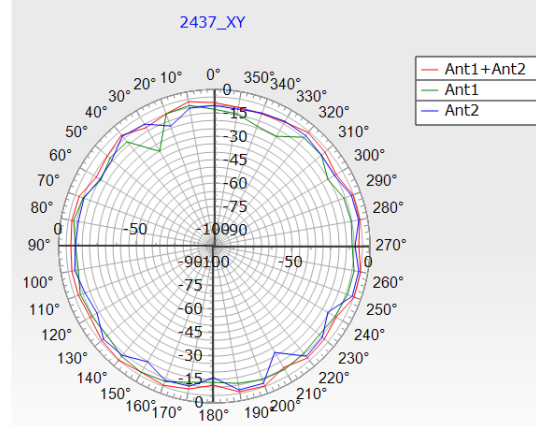
1. CTIA Test Plan for Wireless Device Over-the-Air Performance Version 3.7
2. FCC KDB 662911 D01 MIMO Antenna Gain Measurement

## Appendix A. 2D Patterns

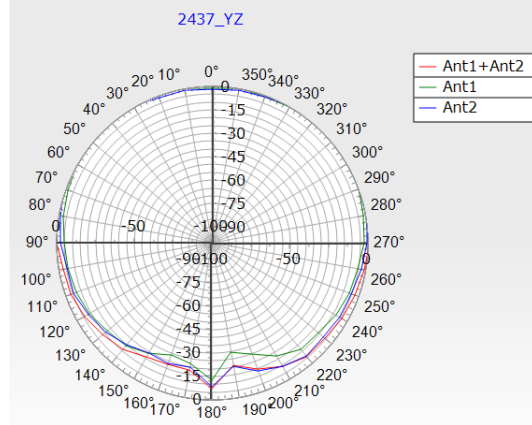
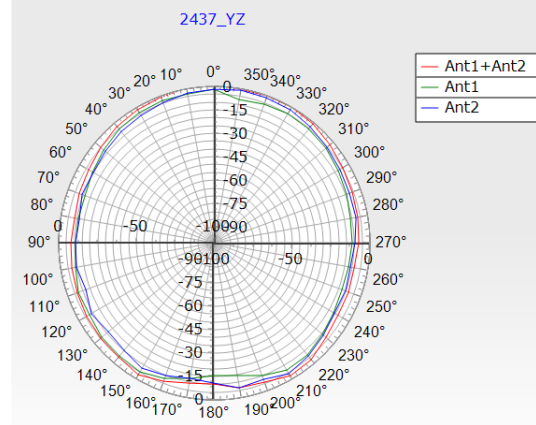
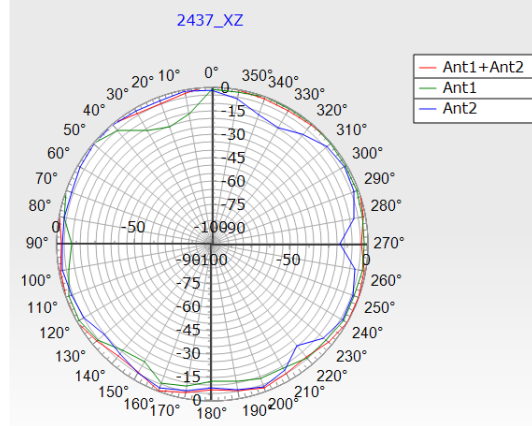
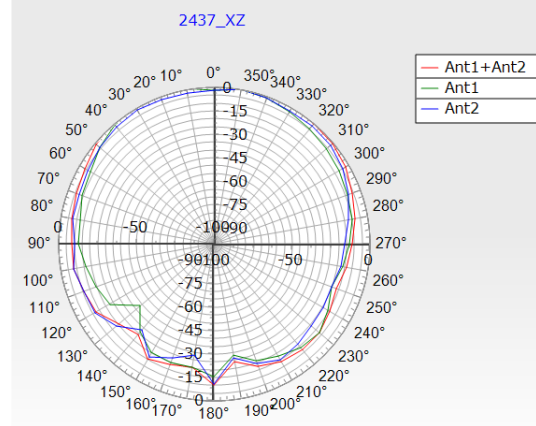
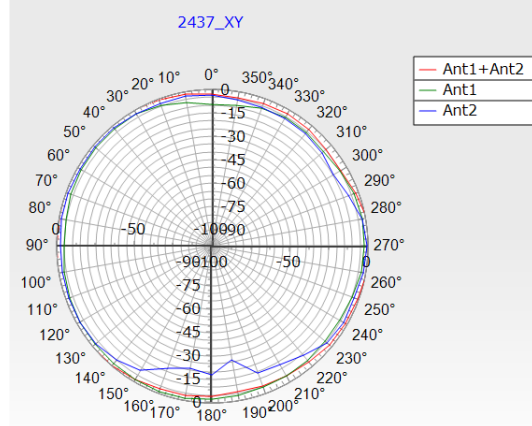
## 2.4GHz Ant #1, Ant #2 and Ant ((#1 + #2)\_Corr. DG:



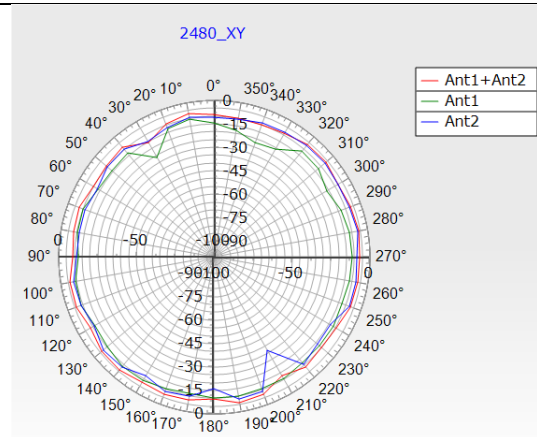
## Phi\_2437MHz



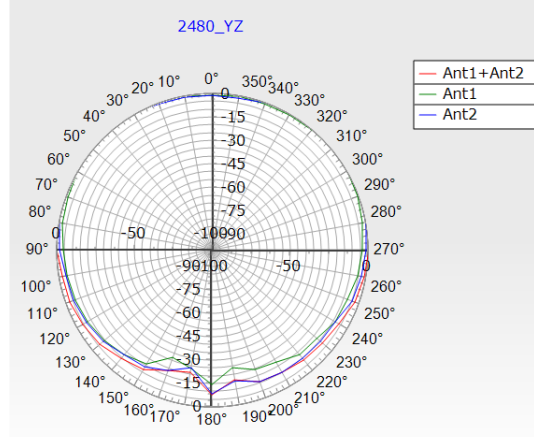
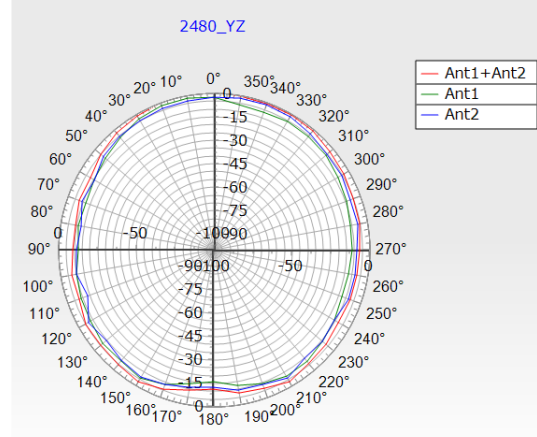
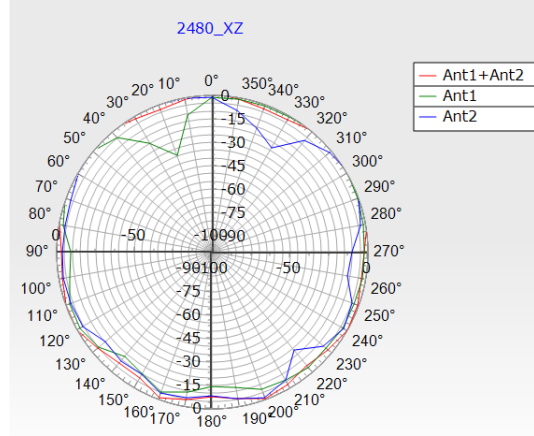
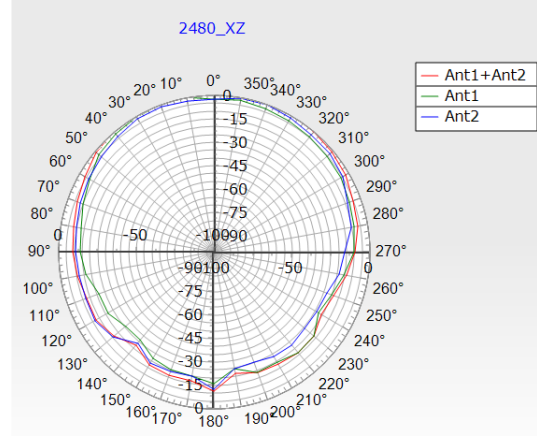
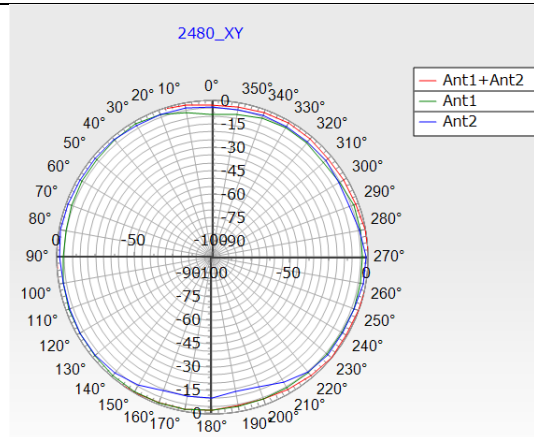
## Theta\_2437MHz



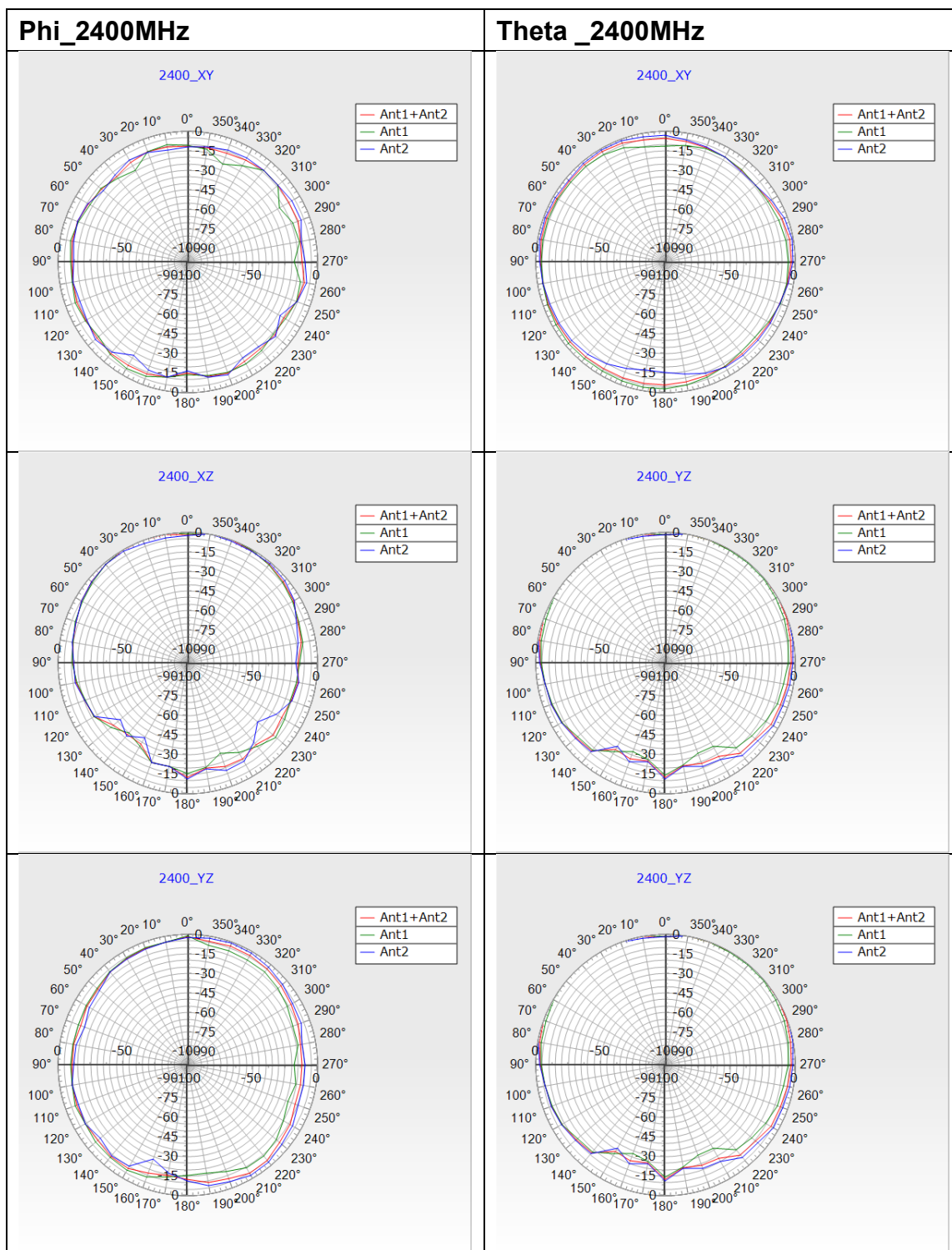
## Phi\_2480MHz



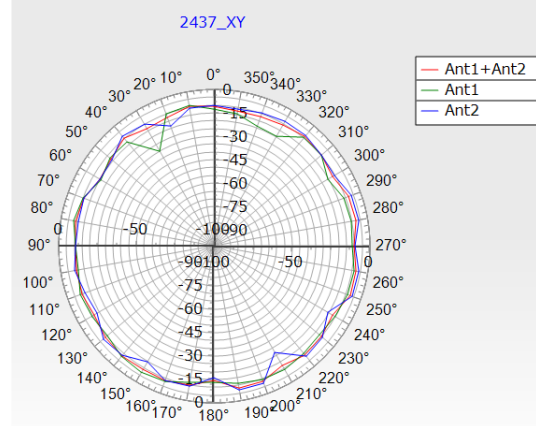
## Theta\_2480MHz



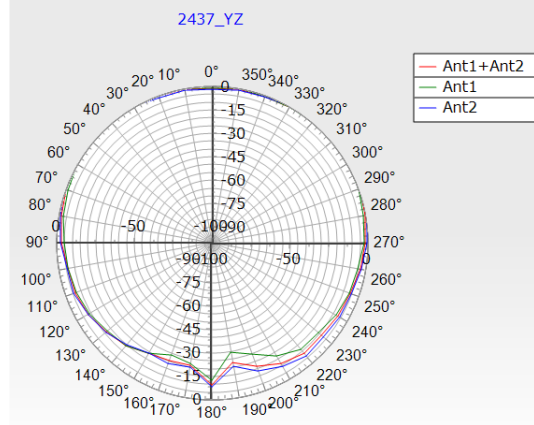
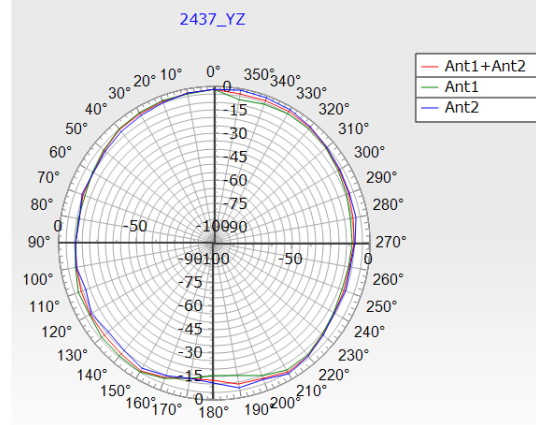
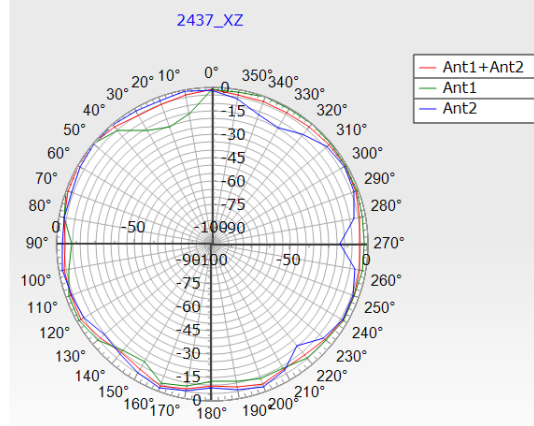
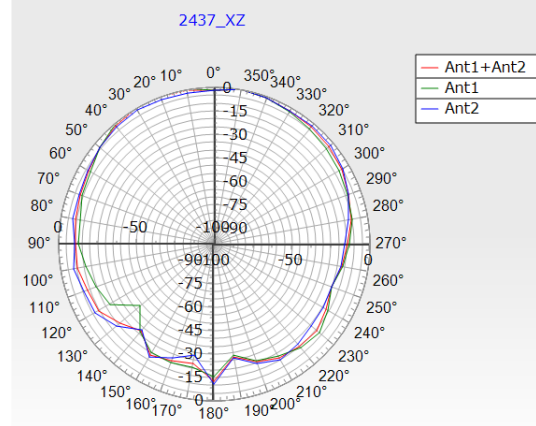
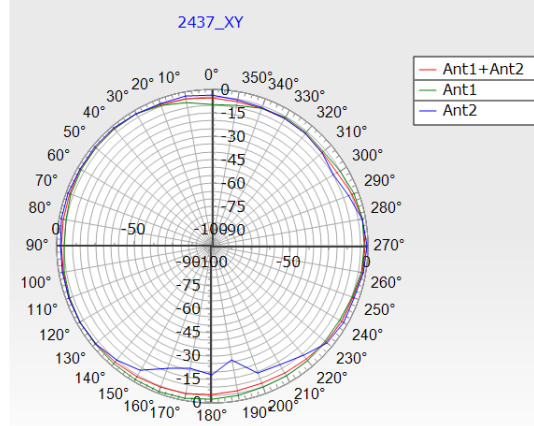
## 2.4GHz Ant #1, Ant #2 and Ant ((#1 + #2)\_Uncorr. DG:



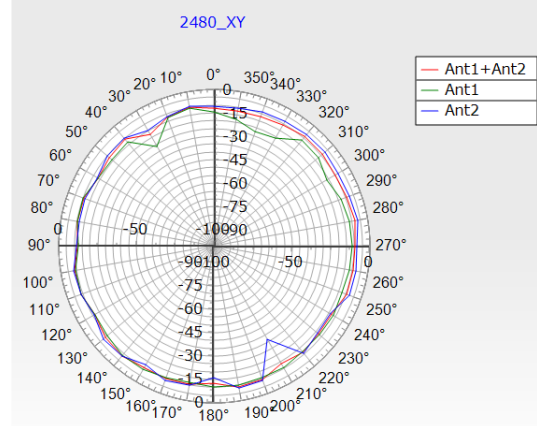
## Phi\_2437MHz



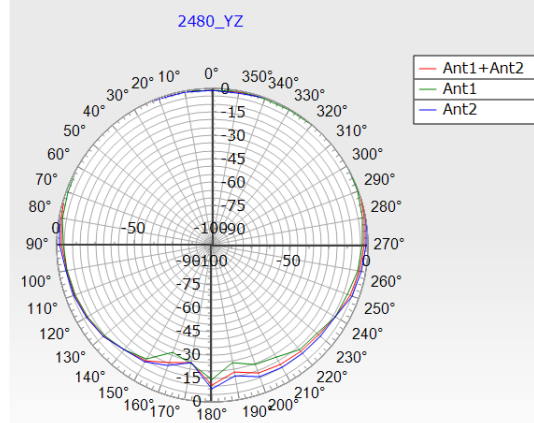
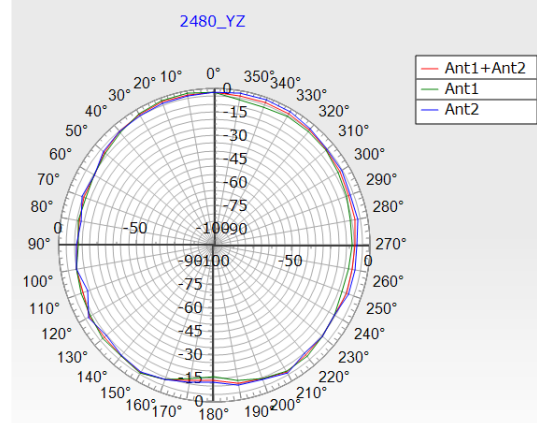
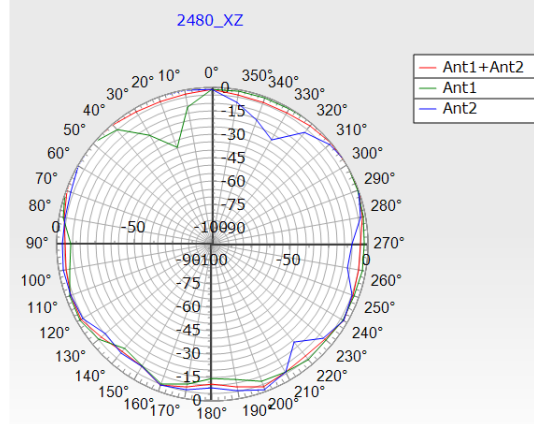
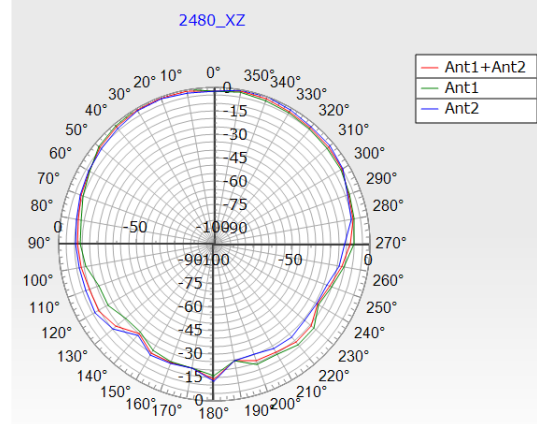
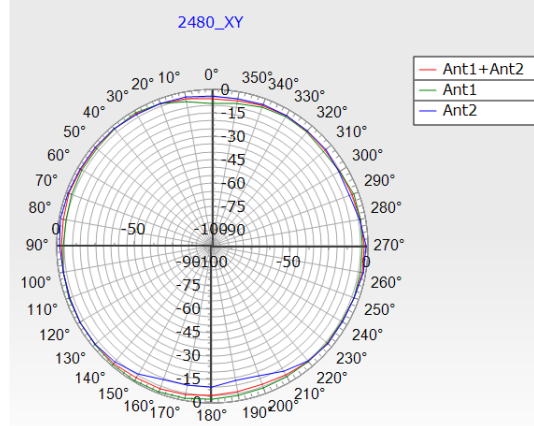
## Theta\_2437MHz



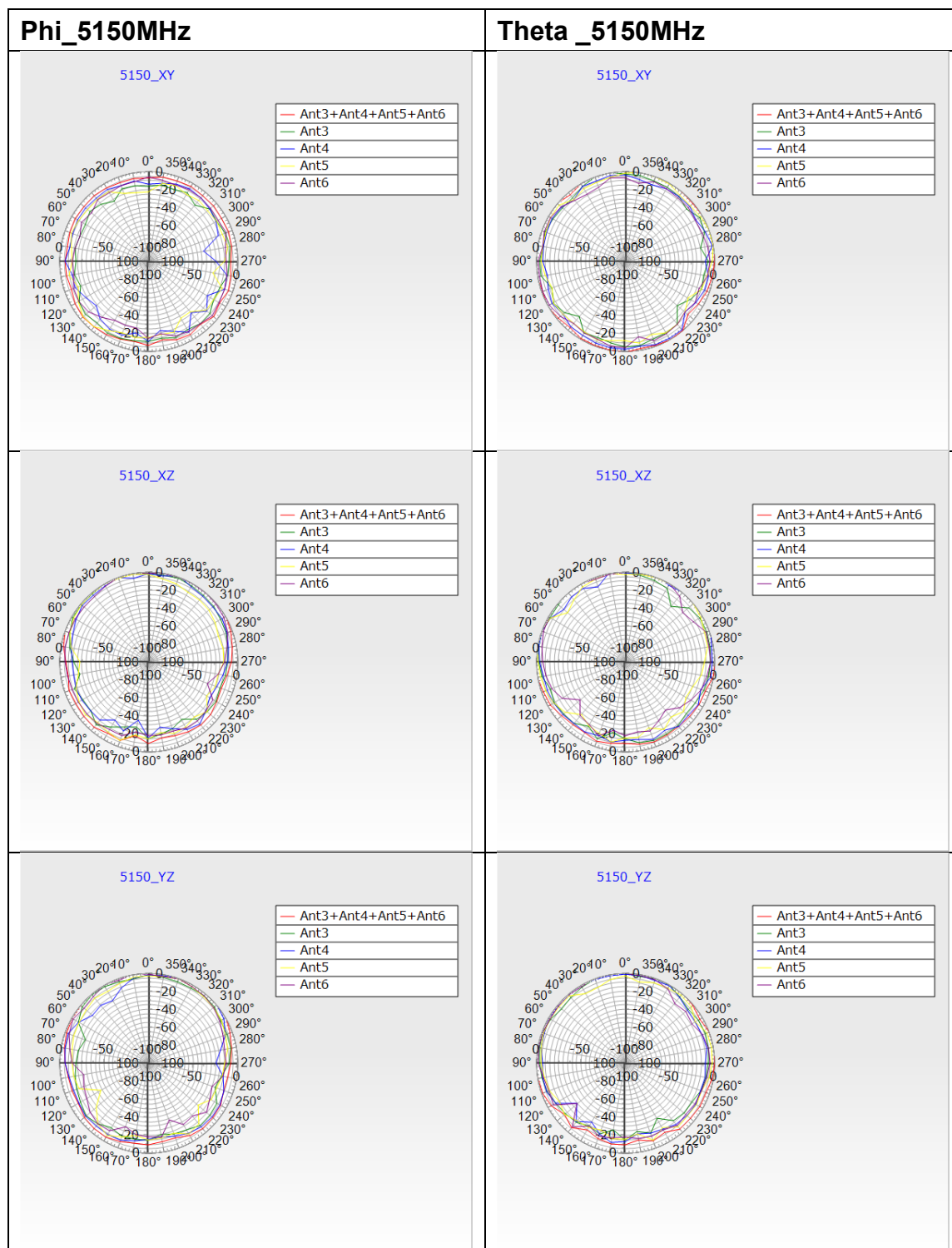
## Phi\_2480MHz



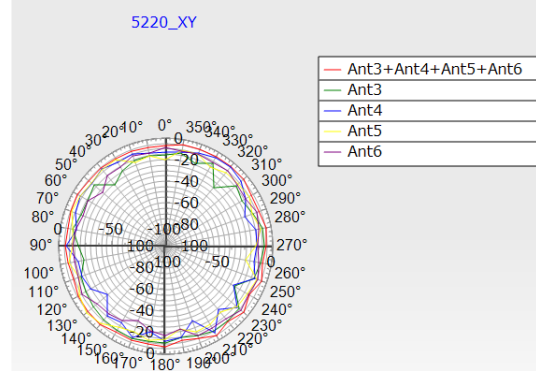
## Theta\_2480MHz



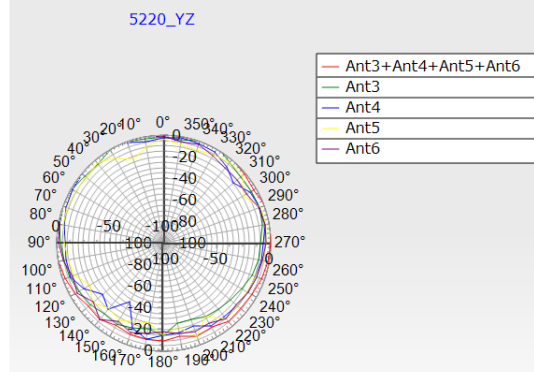
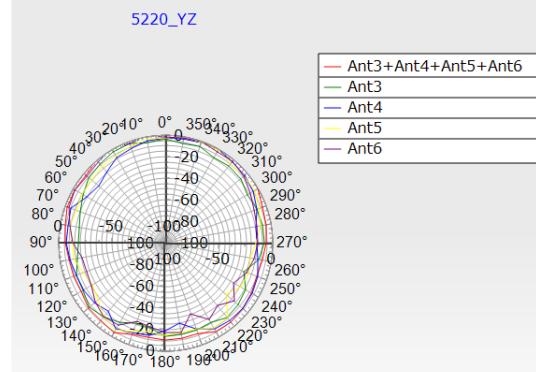
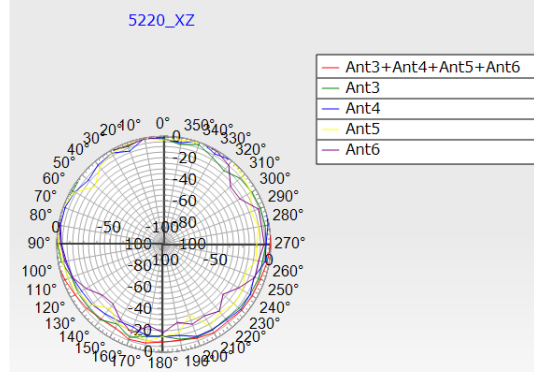
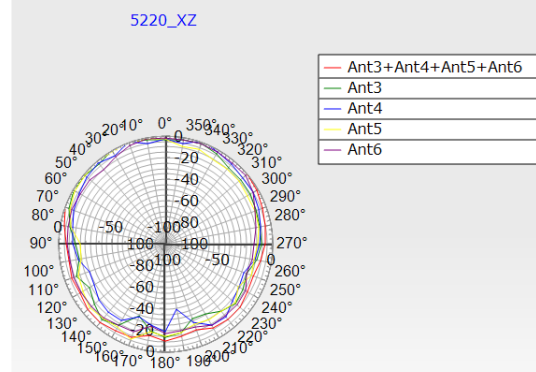
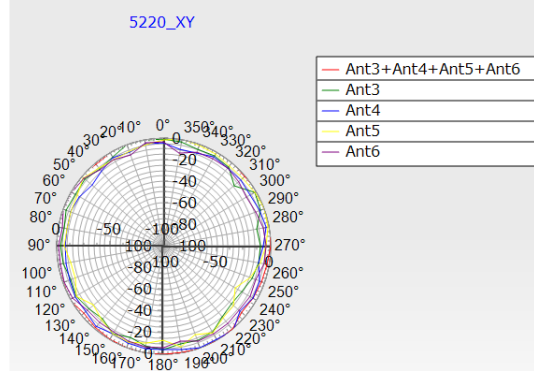
## 5GHz Ant #3, Ant #4, Ant #5, Ant #6 and Ant ((#3 + #4 + #5 + #6)\_Corr. DG:



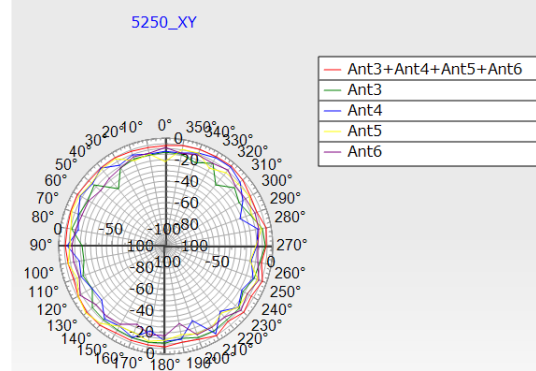
## Phi\_5220MHz



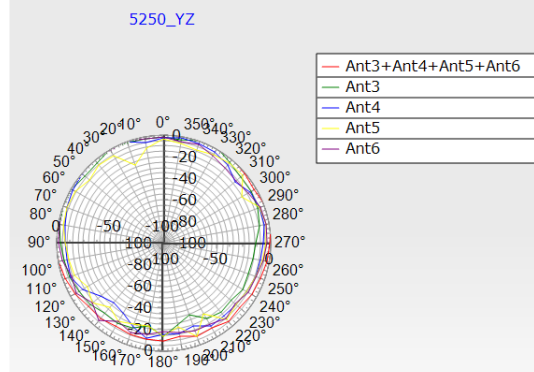
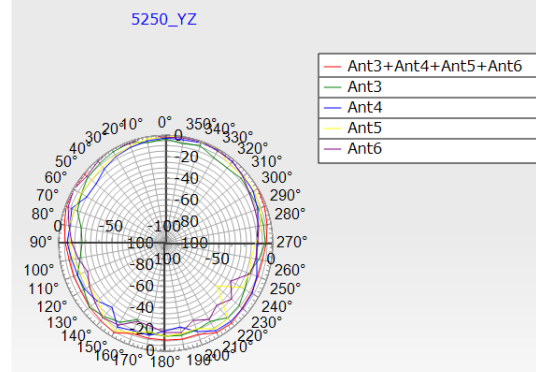
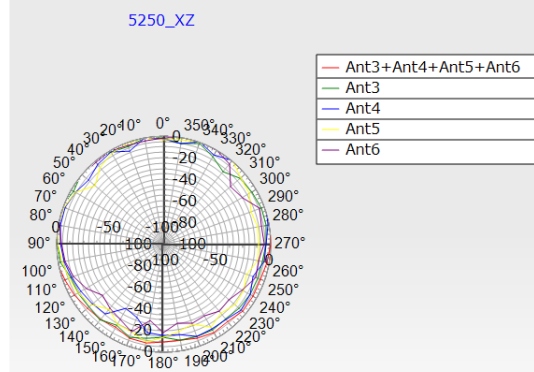
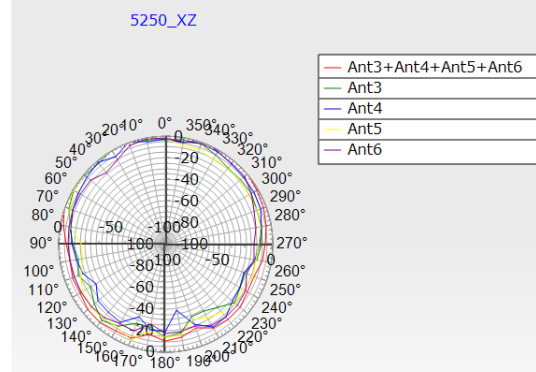
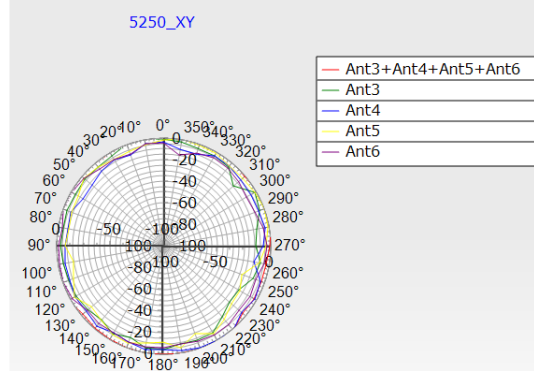
## Theta\_5220MHz



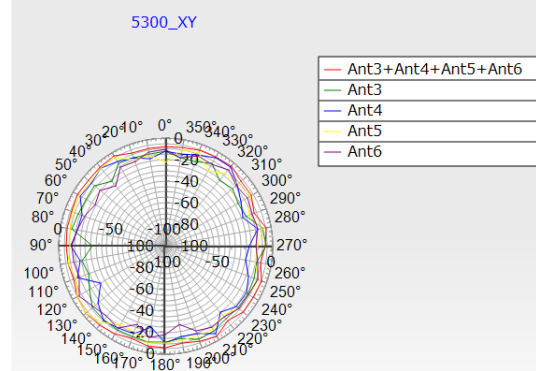
## Phi\_5250MHz



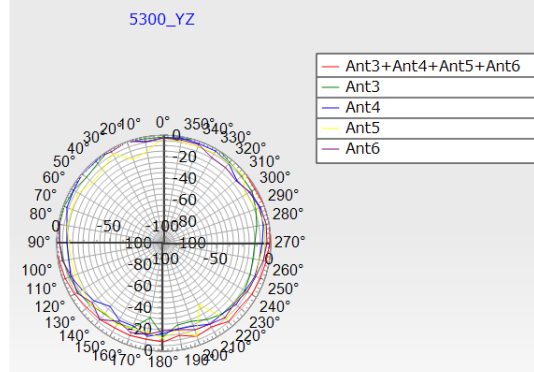
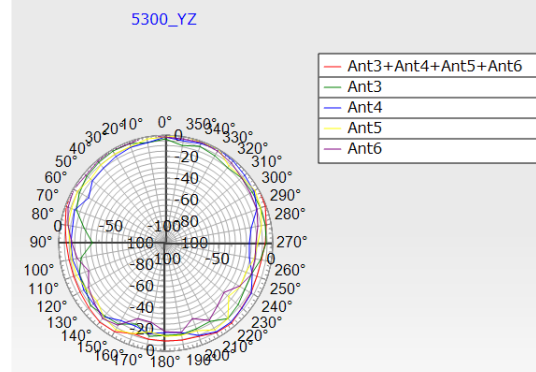
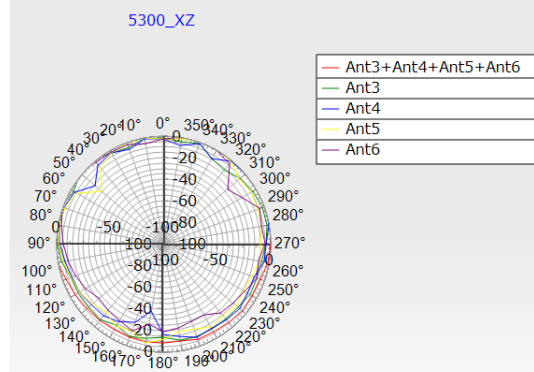
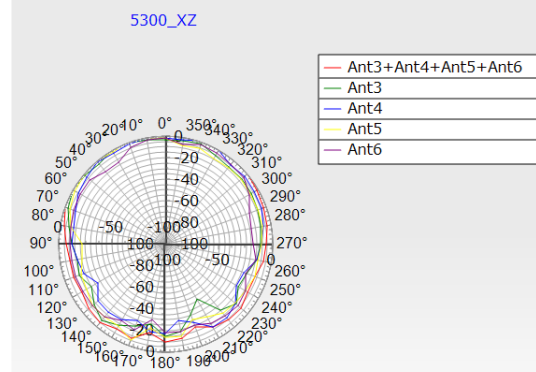
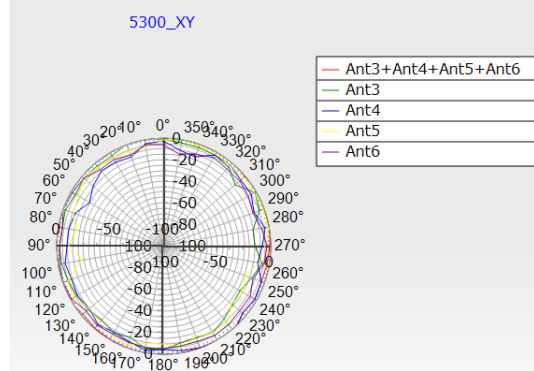
## Theta\_5250MHz



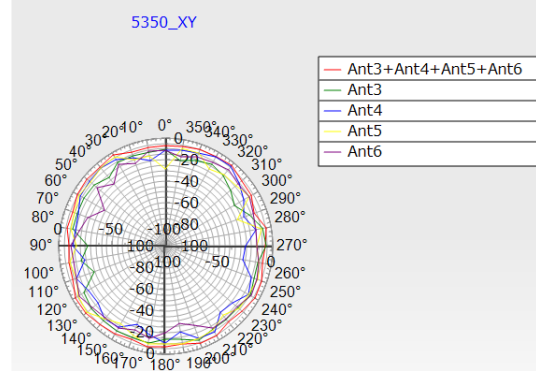
## Phi\_5300MHz



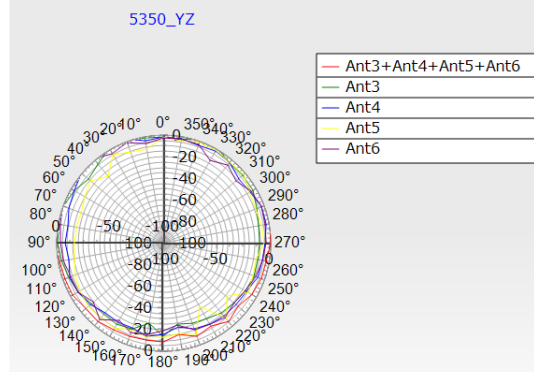
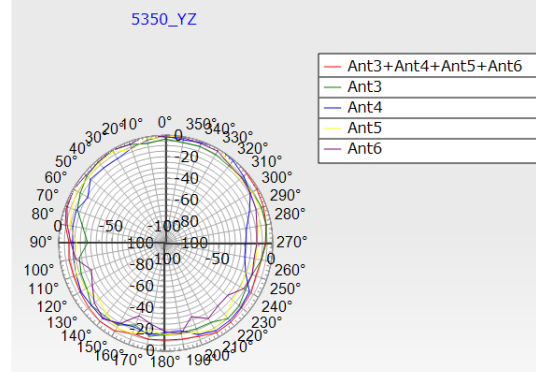
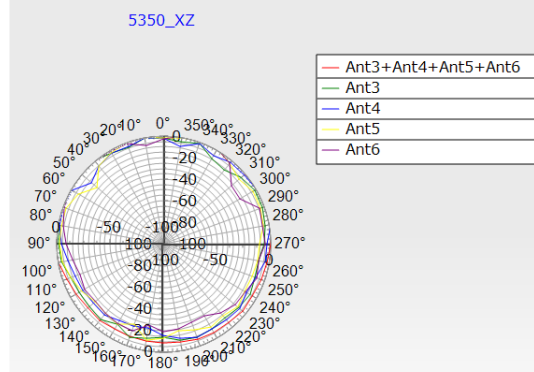
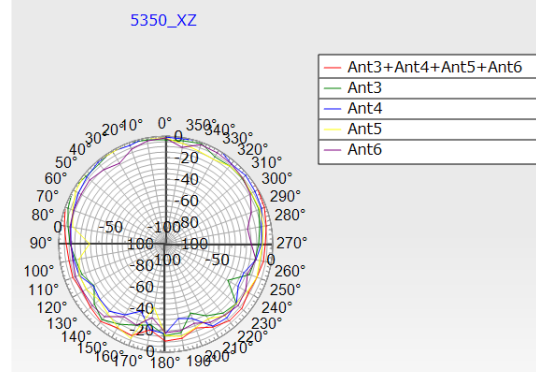
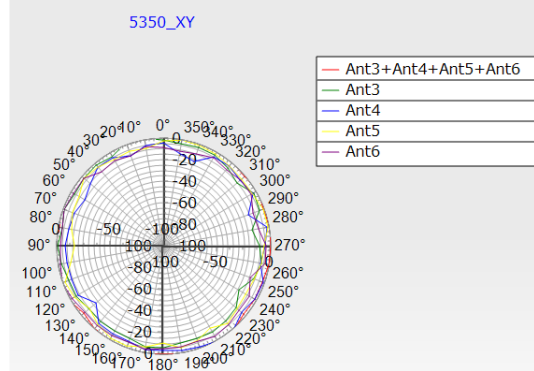
## Theta\_5300MHz



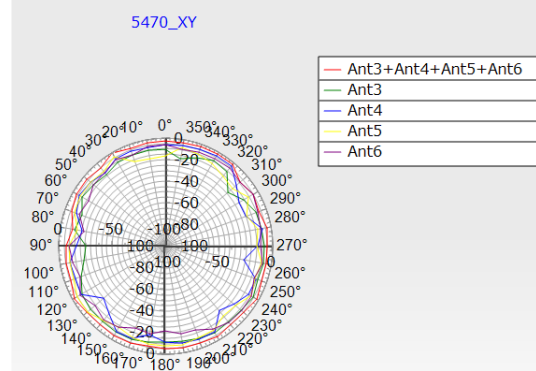
## Phi\_5350MHz



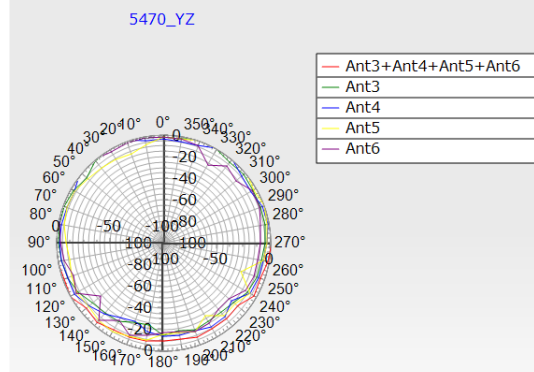
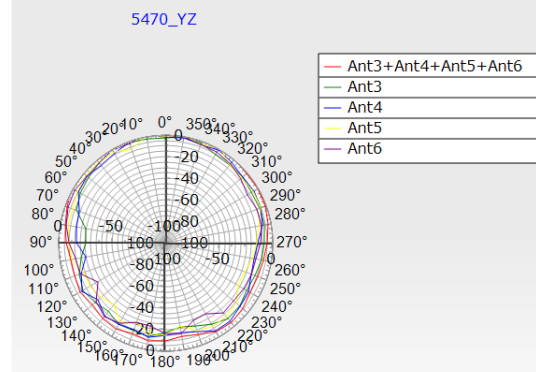
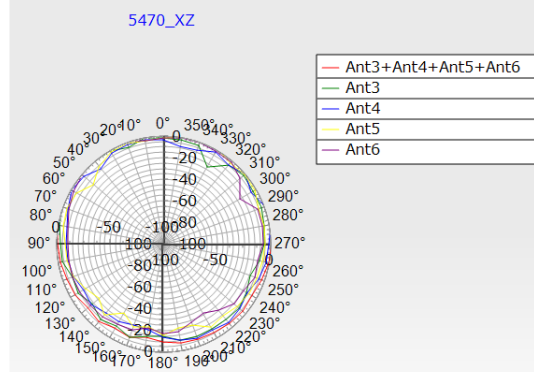
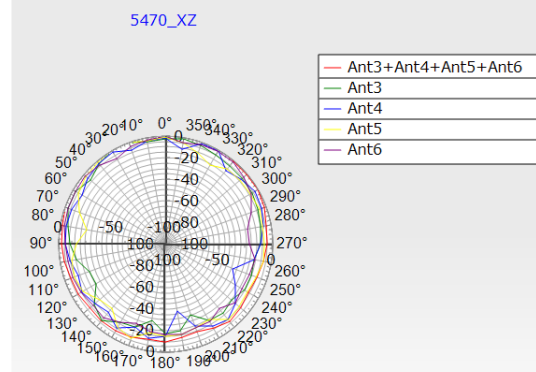
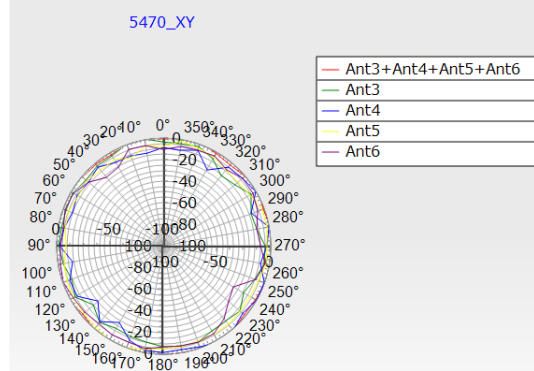
## Theta\_5350MHz



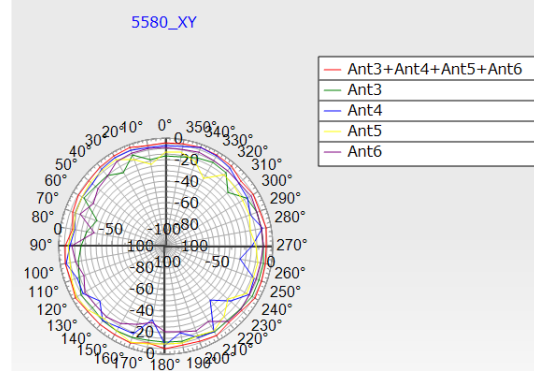
## Phi\_5470MHz



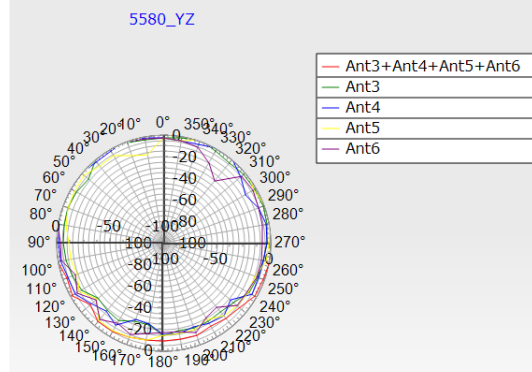
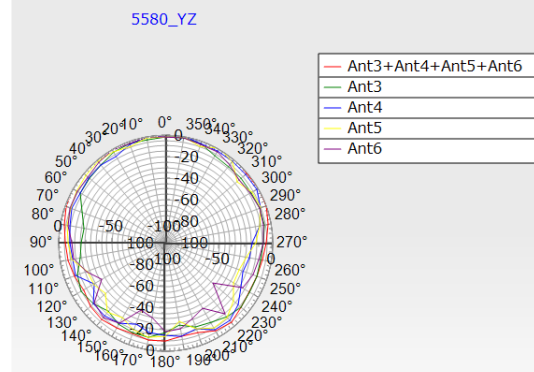
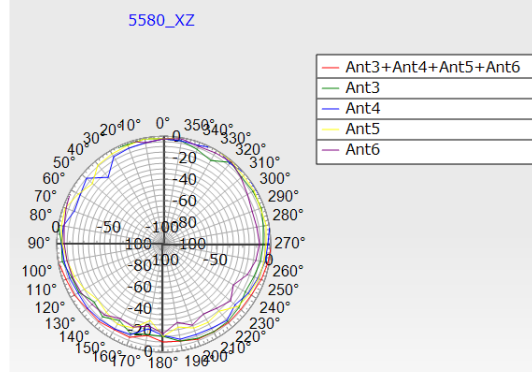
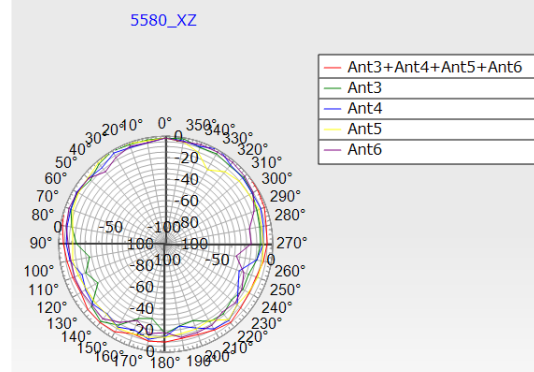
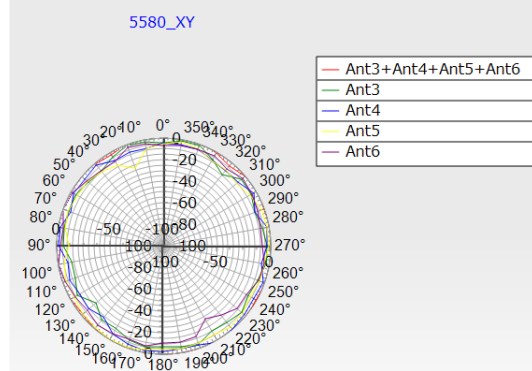
## Theta\_5470MHz



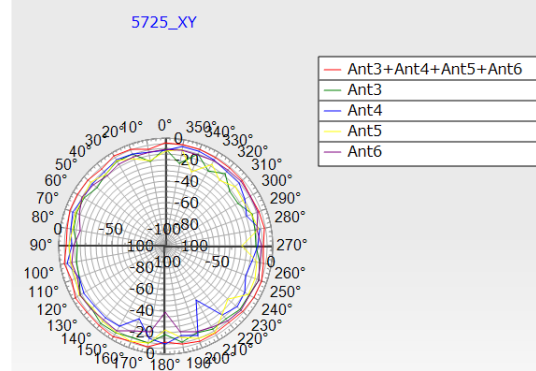
## Phi\_5580MHz



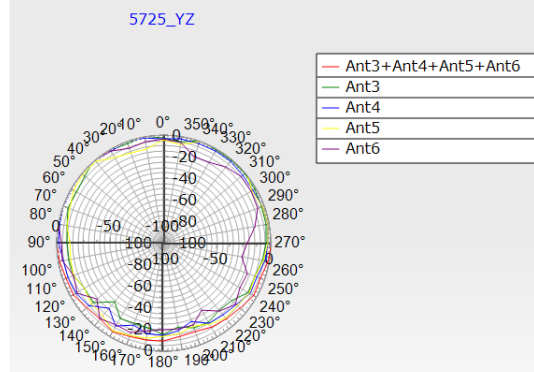
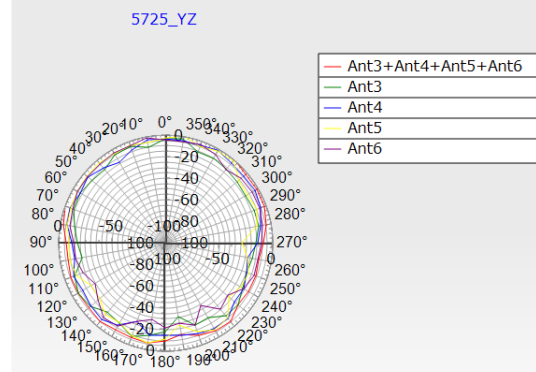
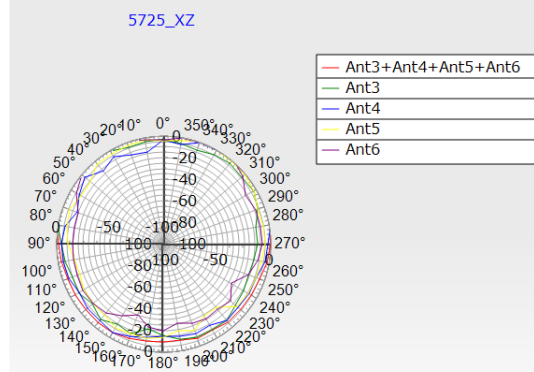
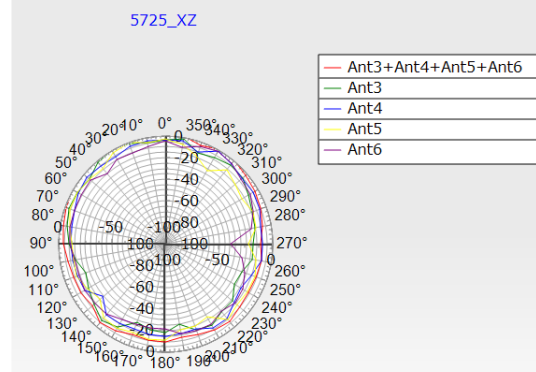
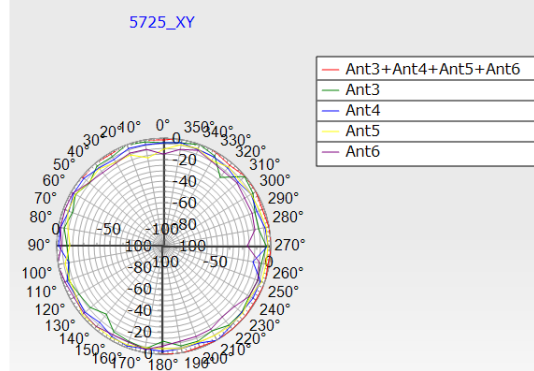
## Theta\_5580MHz



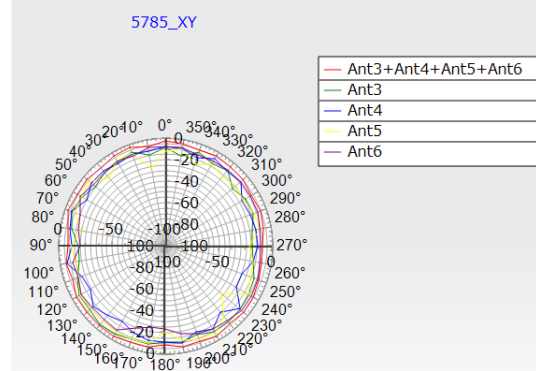
## Phi\_5725MHz



## Theta\_5725MHz



## Phi\_5785MHz



## Theta\_5785MHz

