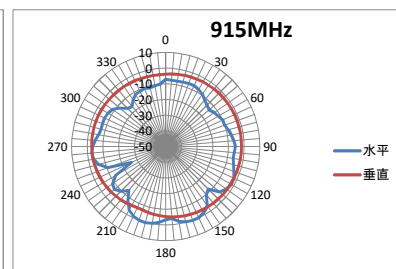
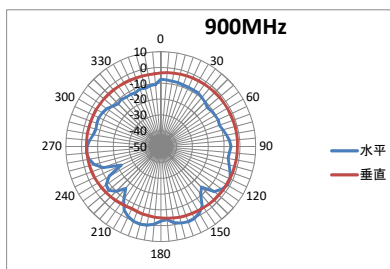
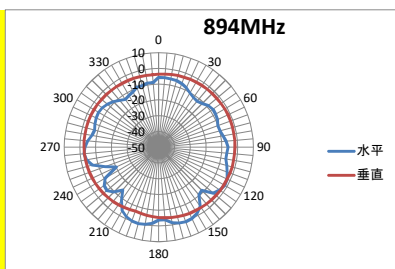
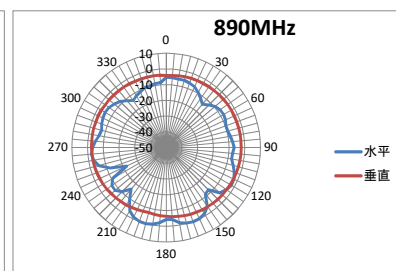
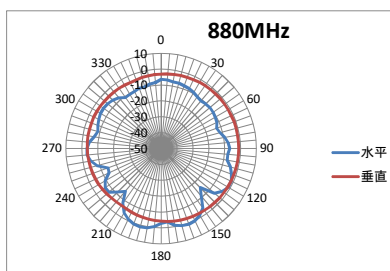
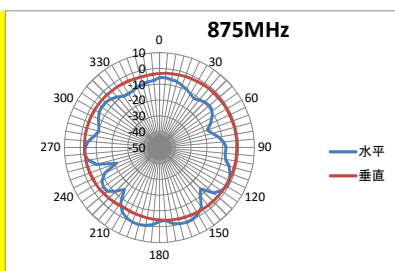
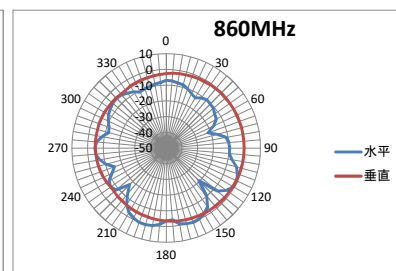
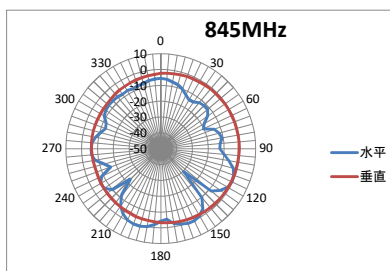
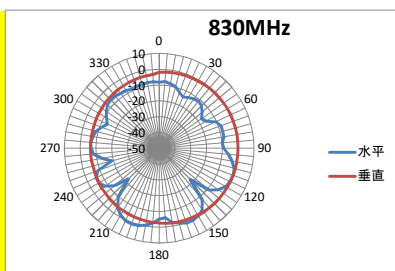
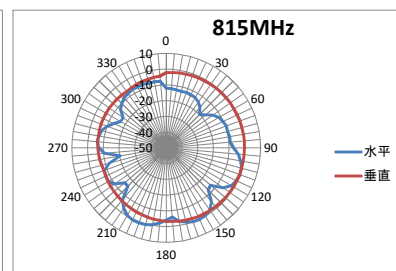
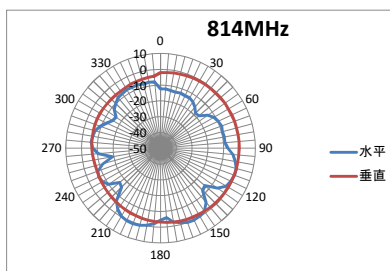
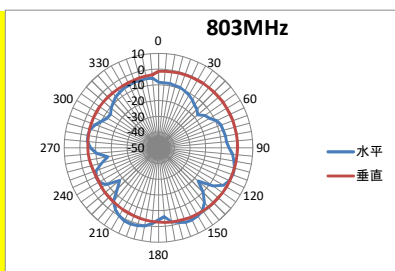
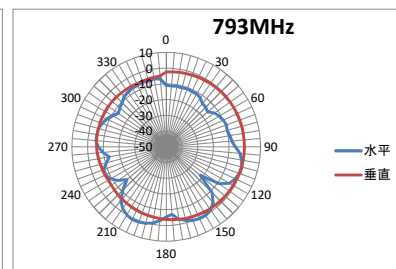
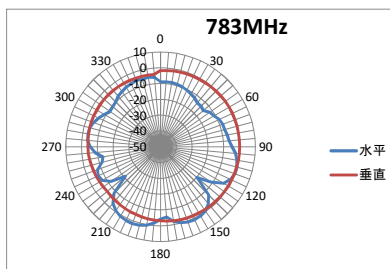
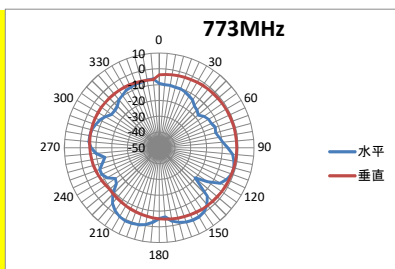
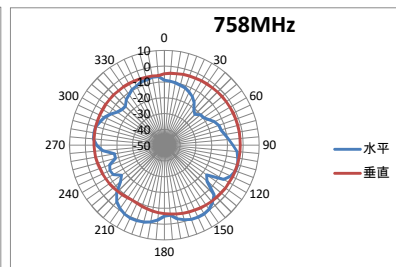
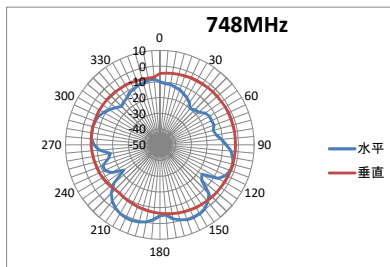
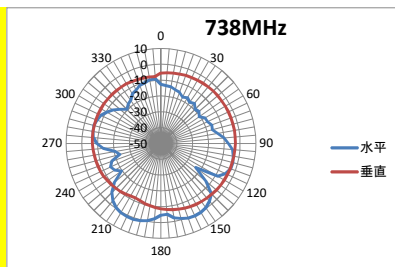
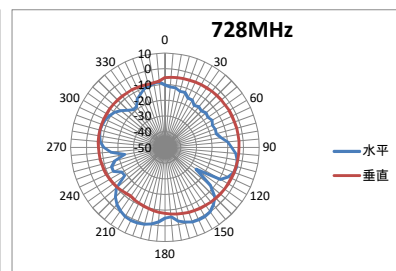
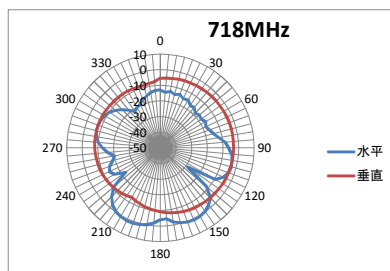
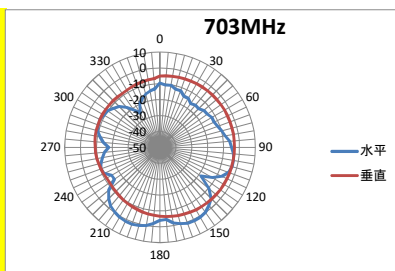
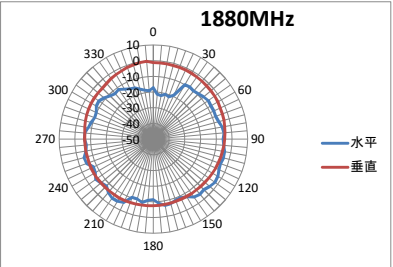
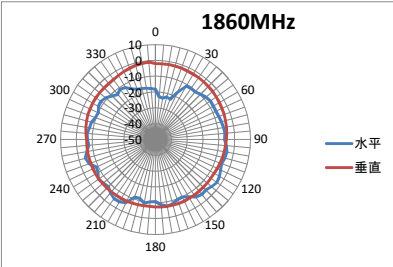
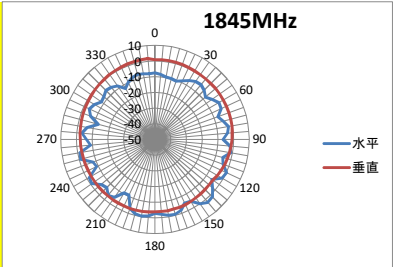
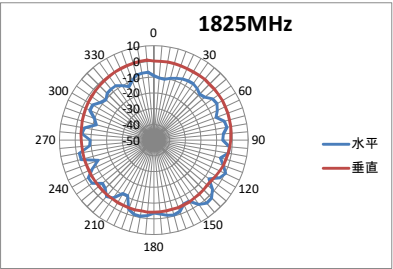
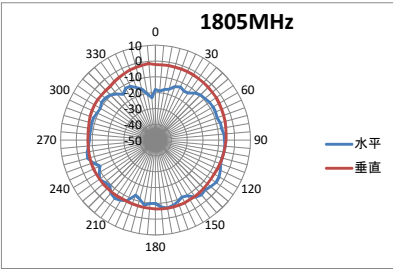
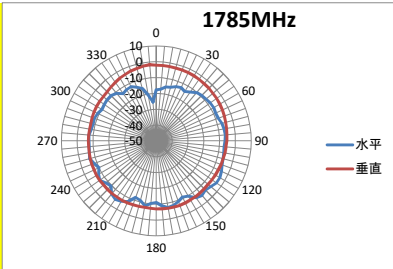
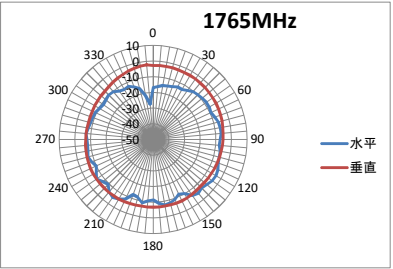
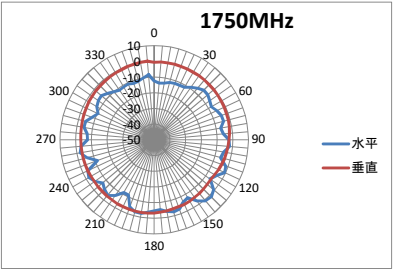
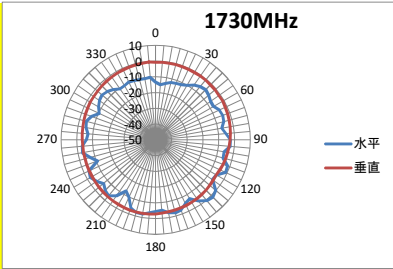
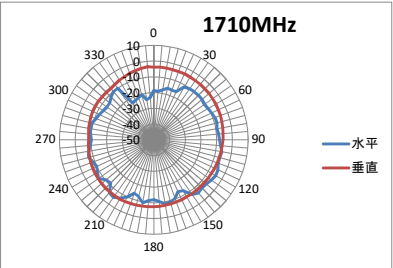
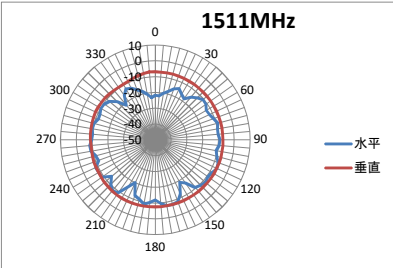
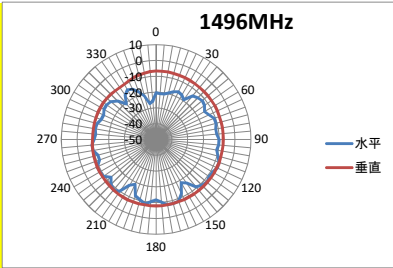
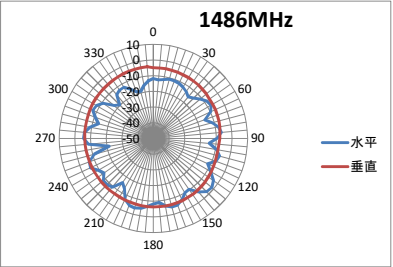
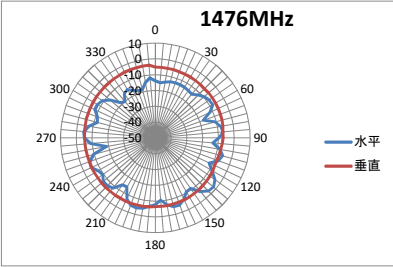
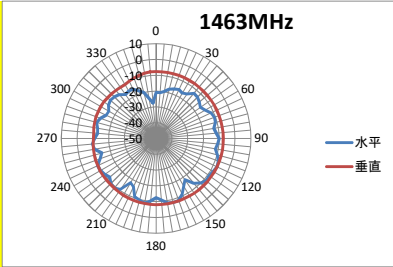
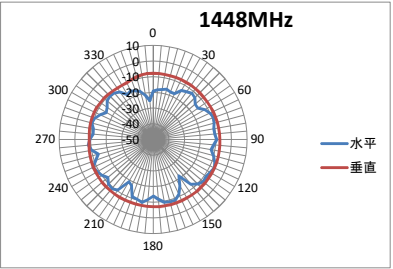
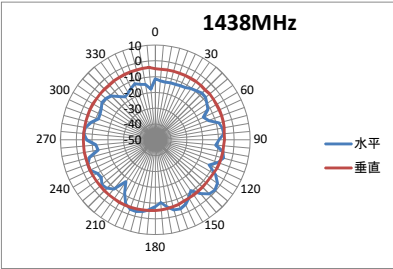
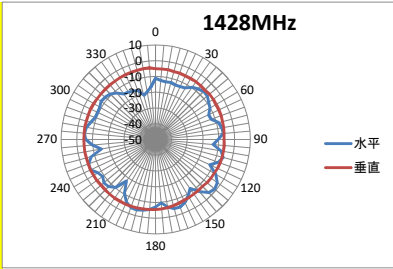
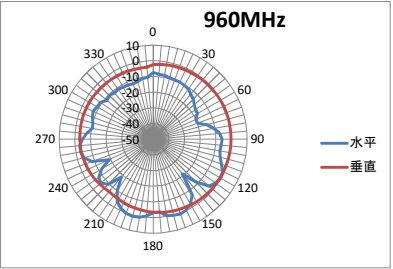
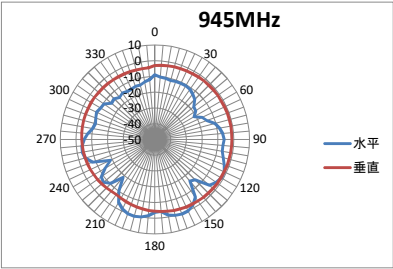
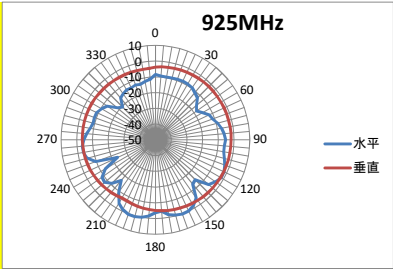


# Radiation characteristic diagram of each frequency of FMS5G-H2.5M-BP2.5D

| Frequency<br>[MHz] | Maximum<br>gain<br>[dBi] | Average<br>gain<br>[dBi] |
|--------------------|--------------------------|--------------------------|
| 703                | 1.45                     | -5.08                    |
| 718                | 1.38                     | -5.39                    |
| 728                | 1.33                     | -5.34                    |
| 738                | 1.07                     | -5.50                    |
| 748                | 1.39                     | -4.49                    |
| 758                | 0.95                     | -4.27                    |
| 773                | 0.96                     | -3.63                    |
| 783                | 1.73                     | -2.06                    |
| 793                | 1.01                     | -2.83                    |
| 803                | 1.57                     | -2.04                    |
| 814                | 0.72                     | -2.61                    |
| 815                | 0.70                     | -2.69                    |
| 830                | 0.95                     | -2.28                    |
| 845                | 0.70                     | -2.71                    |
| 860                | 0.54                     | -2.69                    |
| 875                | 0.33                     | -2.82                    |
| 880                | 1.09                     | -2.86                    |
| 890                | 0.25                     | -3.39                    |
| 894                | 0.34                     | -3.02                    |
| 900                | 0.78                     | -3.03                    |
| 915                | 0.21                     | -3.16                    |
| 925                | 0.50                     | -3.40                    |
| 945                | 0.44                     | -2.30                    |
| 960                | 1.00                     | -2.23                    |
| 1476               | -1.15                    | -5.34                    |
| 1436               | -0.67                    | -5.16                    |
| 1446               | -1.34                    | -5.76                    |
| 1466               | -1.49                    | -6.56                    |
| 1476               | -1.72                    | -5.71                    |
| 1486               | -1.32                    | -6.08                    |
| 1496               | -0.82                    | -4.93                    |
| 1511               | -0.30                    | -4.35                    |
| 1575.42            |                          |                          |
| 1710               | 0.47                     | -3.35                    |
| 1730               | 1.41                     | -2.29                    |
| 1750               | 1.37                     | -2.12                    |
| 1765               | 1.18                     | -2.59                    |
| 1785               | 1.59                     | -2.16                    |
| 1805               | 1.81                     | -2.21                    |
| 1825               | 2.22                     | -1.85                    |
| 1845               | 2.45                     | -1.26                    |
| 1865               | 1.98                     | -1.35                    |
| 1876               |                          |                          |
| 1890               | 1.47                     | -1.70                    |
| 1900               | 2.38                     | -1.35                    |
| 1920               | 2.58                     | -1.35                    |
| 1940               | 2.50                     | -1.67                    |
| 1960               | 2.27                     | -2.30                    |
| 1980               | 2.29                     | -2.70                    |
| 20110              | 1.94                     | -1.44                    |
| 2130               | 2.31                     | -0.86                    |
| 2150               | 1.68                     | -1.10                    |
| 2170               | 1.88                     | -1.74                    |
| 2600               |                          |                          |
| 2605               |                          |                          |
| 2615               |                          |                          |
| 2625               |                          |                          |
| 2645               |                          |                          |
| 2690               |                          |                          |
| 3300               | 1.45                     | -1.57                    |
| 3450               | 1.63                     | -2.26                    |
| 3440               | 1.29                     | -2.44                    |
| 3490               | 1.93                     | -2.06                    |
| 3500               | 1.92                     | -2.24                    |
| 3540               | 1.73                     | -2.46                    |
| 3590               | 2.15                     | -1.88                    |
| 3600               | 2.33                     | -1.30                    |
| 3690               | 2.38                     | -3.05                    |
| 3800               | 2.74                     | -3.02                    |
| 3900               | 2.21                     | -3.03                    |
| 4000               | 1.95                     | -4.41                    |
| 4100               | 0.42                     | -6.36                    |
| 4200               | 2.69                     | -6.35                    |
| 4300               | 1.67                     | -5.80                    |
| 4500               | 1.18                     | -6.71                    |
| 4600               | 1.38                     | -6.35                    |
| 5000               | 1.22                     | -7.41                    |

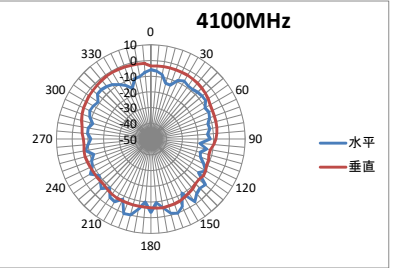
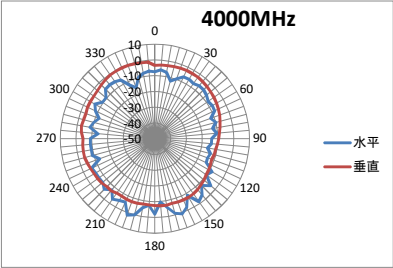
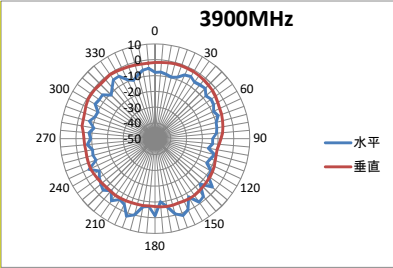
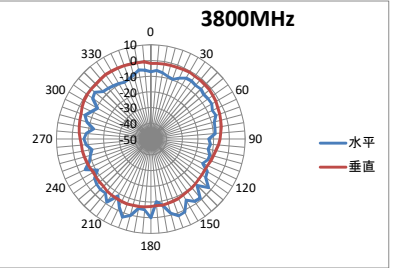
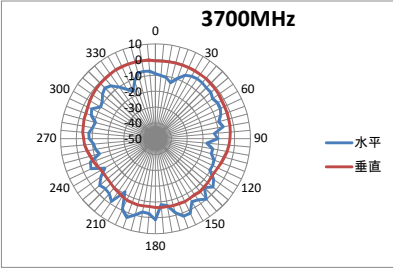
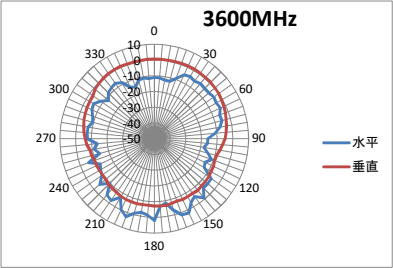
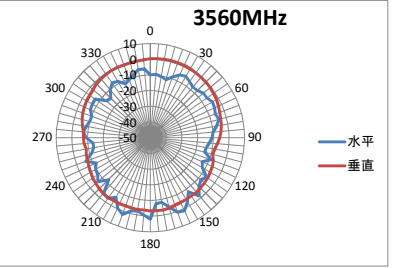
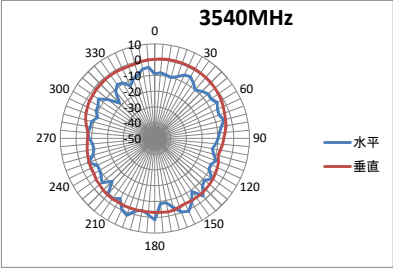
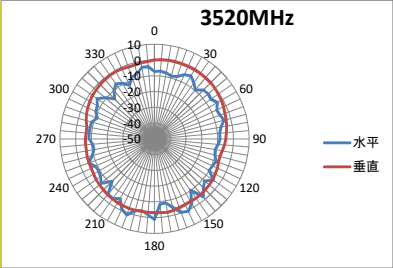
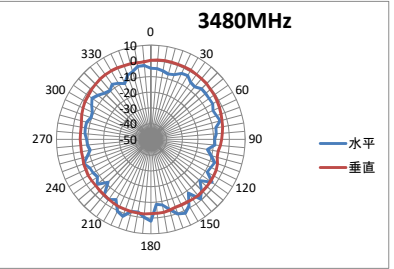
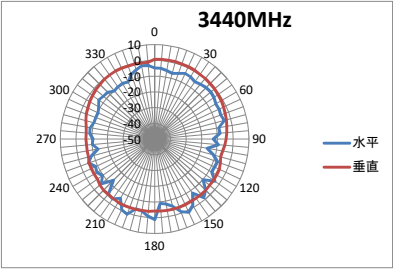
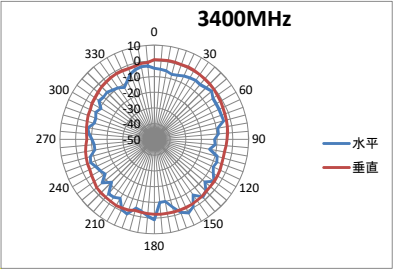
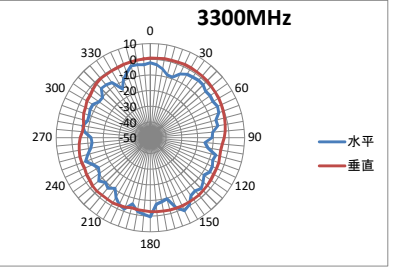
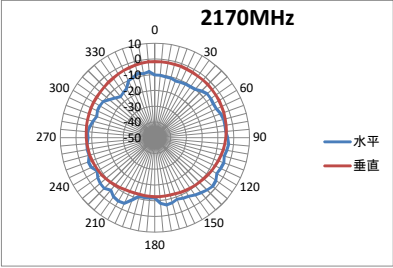
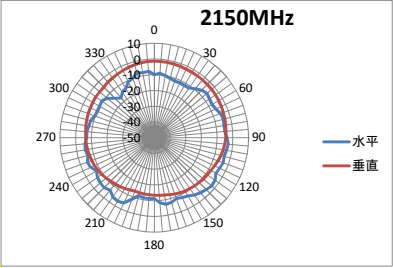
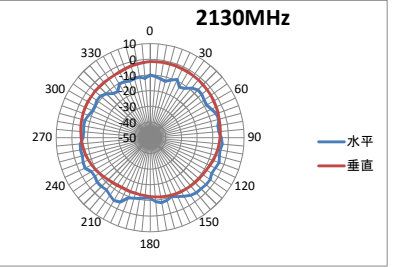
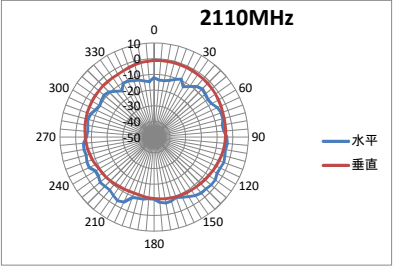
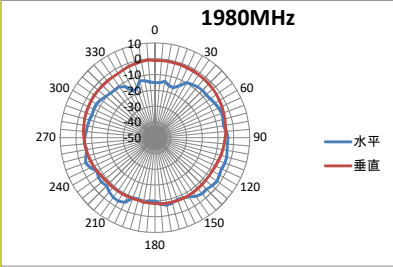
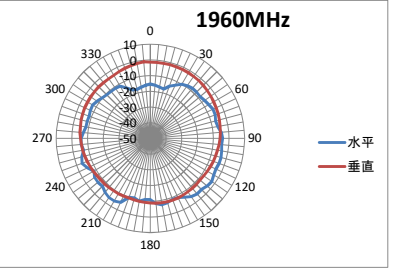
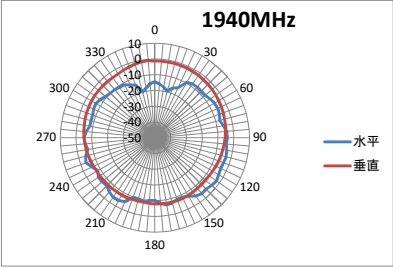
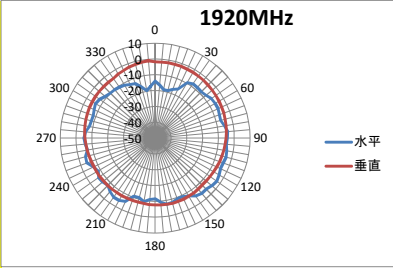


| Frequency | Maximum gain | Average gain |
|-----------|--------------|--------------|
| [MHz]     | [dBi]        | [dBi]        |
| 703       | 1.45         | -5.06        |
| 718       | 1.38         | -5.35        |
| 728       | 1.33         | -5.34        |
| 738       | 1.07         | -5.50        |
| 748       | 1.39         | -4.49        |
| 758       | 0.85         | -4.97        |
| 773       | 0.86         | -3.93        |
| 783       | 1.73         | -2.06        |
| 793       | 1.01         | -2.83        |
| 803       | 1.57         | -2.04        |
| 814       | 0.72         | -2.61        |
| 815       | 0.70         | -2.65        |
| 830       | 0.85         | -2.25        |
| 845       | 0.70         | -2.71        |
| 855       |              |              |
| 865       |              |              |
| 875       | 0.54         | -2.85        |
| 885       | 0.33         | -2.85        |
| 890       | 1.08         | -2.85        |
| 890       | 0.25         | -3.39        |
| 894       | 0.34         | -3.02        |
| 900       | 0.78         | -3.03        |
| 915       | 0.21         | -3.16        |
| 915       |              |              |
| 925       | 0.80         | -3.40        |
| 945       | 0.44         | -2.95        |
| 960       | 1.00         | -2.23        |
| 1428      | -1.15        | -5.34        |
| 1438      | -0.57        | -5.18        |
| 1448      | -1.34        | -5.79        |
| 1463      | -1.48        | -6.55        |
| 1476      | -1.72        | -5.71        |
| 1486      | -1.32        | -6.08        |
| 1496      | -0.82        | -4.93        |
| 1511      | -0.30        | -4.35        |
| 1515.42   |              |              |
| 1710      | 0.47         | -3.35        |
| 1730      | 1.41         | -2.29        |
| 1750      | 1.37         | -2.12        |
| 1765      | 1.18         | -2.59        |
| 1785      | 1.59         | -2.16        |
| 1805      | 1.81         | -2.21        |
| 1825      | 2.27         | -1.85        |
| 1845      | 2.35         | -1.20        |
| 1860      | 1.99         | -1.36        |
| 1880      | 1.47         | -1.70        |
| 1930      | 2.38         | -1.70        |
| 1940      | 2.30         | -1.97        |
| 1950      | 2.27         | -2.30        |
| 1960      | 2.29         | -2.70        |
| 2110      | 1.34         | -1.44        |
| 2130      | 2.31         | -0.86        |
| 2150      | 1.88         | -1.10        |
| 2170      | 1.68         | -0.74        |
| 2400      |              |              |
| 2455      |              |              |
| 2466      |              |              |
| 2475      |              |              |
| 2550      |              |              |
| 2575      |              |              |
| 2590      |              |              |
| 2595      |              |              |
| 2645      |              |              |
| 2680      |              |              |
| 3300      | 1.45         | -1.57        |
| 3400      | 1.63         | -2.26        |
| 3430      | 1.92         | -2.45        |
| 3450      | 1.93         | -2.05        |
| 3520      | 1.97         | -2.45        |
| 3530      | 1.93         | -2.45        |
| 3580      | 2.15         | -2.85        |
| 3620      | 2.82         | -2.35        |
| 3750      | 2.58         | -3.05        |
| 3850      | 2.79         | -3.87        |
| 3900      | 2.21         | -3.83        |
| 4030      | 1.55         | -6.41        |
| 4100      | 0.42         | -4.86        |
| 4200      | 2.59         | -4.55        |
| 4400      | 1.87         | -5.85        |
| 4500      | 1.18         | -6.71        |
| 4600      | 1.38         | -6.35        |
| 5000      | 1.22         | -7.41        |





| Frequency | Maximum | Average |
|-----------|---------|---------|
| [MHz]     | gain    | gain    |
| [dB]      | [dB]    | [dB]    |
| 715       | 1.35    | -3.35   |
| 725       | 1.33    | -3.35   |
| 735       | 1.27    | -3.50   |
| 745       | 1.34    | -4.40   |
| 755       | 0.55    | -4.27   |
| 773       | 0.55    | -3.83   |
| 783       | 1.73    | -2.06   |
| 793       | 1.01    | -2.83   |
| 803       | 1.57    | -2.04   |
| 814       | 0.72    | -2.61   |
| 815       | 0.70    | -2.59   |
| 830       | 0.95    | -2.25   |
| 845       | 0.70    | -2.71   |
| 849       |         |         |
| 859       |         |         |
| 860       | 0.54    | -2.89   |
| 875       | 0.33    | -2.62   |
| 880       | 1.09    | -2.88   |
| 890       | 0.25    | -3.35   |
| 894       | 0.34    | -3.02   |
| 900       | 0.78    | -3.03   |
| 915       | 0.21    | -3.16   |
| 916       |         |         |
| 920       |         |         |
| 935       | 0.02    | -3.40   |
| 945       | 0.44    | -2.85   |
| 950       | 1.00    | -2.23   |
| 1428      | -1.15   | -3.34   |
| 1438      | -0.57   | -3.12   |
| 1448      | -1.34   | -3.75   |
| 1459      | -1.40   | -3.92   |
| 1476      | -1.22   | -3.71   |
| 1486      | -1.32   | -3.68   |
| 1496      | -0.82   | -3.83   |
| 1511      | -0.30   | -4.35   |
| 1575.42   |         |         |
| 1710      | 0.47    | -3.35   |
| 1720      | 1.41    | -2.29   |
| 1750      | 1.37    | -2.12   |
| 1755      | 1.18    | -2.59   |
| 1765      | 1.59    | -2.16   |
| 1805      | 1.31    | -2.21   |
| 1829      | 2.37    | -1.85   |
| 1845      | 2.35    | -1.20   |
| 1860      | 1.99    | -1.36   |
| 1870      |         |         |
| 1880      | 1.47    | -1.70   |
| 1920      | 2.36    | -1.79   |
| 1940      | 2.50    | -1.97   |
| 1960      | 2.27    | -2.50   |
| 1980      | 2.29    | -2.70   |
| 2110      | 1.94    | -1.44   |
| 2130      | 2.31    | -0.96   |
| 2150      | 1.88    | -1.10   |
| 2170      | 1.68    | -1.74   |
| 2450      |         |         |
| 2455      |         |         |
| 2459      |         |         |
| 2505      |         |         |
| 2530      |         |         |
| 2575      |         |         |
| 2590      |         |         |
| 2595      |         |         |
| 2645      |         |         |
| 2650      |         |         |
| 3300      | 1.45    | -1.57   |
| 3400      | 1.63    | -2.26   |
| 3440      | 1.29    | -2.44   |
| 3480      | 1.93    | -2.08   |
| 3520      | 1.27    | -2.45   |
| 3540      | 1.73    | -2.49   |
| 3560      | 2.15    | -2.68   |
| 3600      | 2.83    | -2.76   |
| 3700      | 2.86    | -3.05   |
| 3800      | 2.79    | -3.62   |
| 3900      | 2.21    | -3.83   |
| 4000      | 1.55    | -4.41   |
| 4100      | 0.42    | -4.96   |
| 4540      | -0.55   | -3.85   |
| 4550      | -1.15   | -3.71   |
| 4560      | -1.15   | -3.71   |
| 4800      | 1.28    | -3.35   |
| 5000      | -1.22   | -3.41   |



| Frequency | Maximum gain | Average gain |
|-----------|--------------|--------------|
| [MHz]     | [dBi]        | [dBi]        |
| 703       | 1.45         | -5.06        |
| 718       | 1.38         | -5.36        |
| 728       | 1.33         | -5.34        |
| 738       | 1.07         | -5.50        |
| 748       | 1.39         | -4.48        |
| 758       | 0.95         | -4.27        |
| 773       | 0.96         | -3.63        |
| 783       | 1.73         | -2.06        |
| 793       | 1.01         | -2.83        |
| 803       | 1.57         | -2.04        |
| 813       | 0.92         | -2.84        |
| 823       | 0.92         | -2.85        |
| 833       | 0.95         | -2.85        |
| 843       | 0.70         | -3.71        |
| 853       |              |              |
| 860       | 0.54         | -3.66        |
| 873       | 0.33         | -2.82        |
| 880       | 1.09         | -2.86        |
| 890       | 0.25         | -3.36        |
| 894       | 0.34         | -3.02        |
| 900       | 0.78         | -3.03        |
| 915       | 0.21         | -3.16        |
| 918       |              |              |
| 920       |              |              |
| 925       | 0.00         | -3.40        |
| 945       | 0.44         | -2.95        |
| 960       | 1.00         | -2.23        |
| 1429      | -1.15        | -5.24        |
| 1438      | -0.57        | -5.18        |
| 1448      | -1.34        | -5.79        |
| 1463      | -1.48        | -6.59        |
| 1476      | -1.72        | -5.71        |
| 1488      | -1.32        | -5.05        |
| 1498      | -0.82        | -4.93        |
| 1511      | -0.30        | -4.35        |
| 1575.42   |              |              |
| 1516      | 0.42         | -3.25        |
| 1528      | 1.41         | -2.25        |
| 1538      | 1.13         | -2.13        |
| 1585      | 1.18         | -2.86        |
| 1785      | 1.58         | -3.16        |
| 1805      | 1.81         | -2.21        |
| 1825      | 2.27         | -1.85        |
| 1845      | 2.35         | -1.80        |
| 1860      | 1.69         | -1.96        |
| 1870      |              |              |
| 1880      | 1.47         | -1.70        |
| 1890      | 2.36         | -1.79        |
| 1940      | 2.50         | -1.87        |
| 1960      | 2.27         | -2.50        |
| 1980      | 2.29         | -2.70        |
| 2170      | 1.64         | -1.44        |
| 2195      | 2.41         | -0.96        |
| 24150     | -1.86        | -1.10        |
| 24170     | 1.68         | -1.74        |
| 24200     |              |              |
| 2485      |              |              |
| 2496      |              |              |
| 2535      |              |              |
| 2550      |              |              |
| 2575      |              |              |
| 2590      |              |              |
| 2595      |              |              |
| 2645      |              |              |
| 2680      |              |              |
| 3300      | 1.45         | -1.57        |
| 3400      | 1.23         | -2.26        |
| 3440      | 1.28         | -2.44        |
| 3480      | 1.53         | -2.06        |
| 3530      | 1.27         | -2.40        |
| 3640      | 1.79         | -2.40        |
| 3660      | 2.15         | -2.86        |
| 3690      | 2.63         | -2.76        |
| 3700      | 2.56         | -3.05        |
| 3800      | 2.79         | -3.62        |
| 3900      | 2.21         | -3.83        |
| 4000      | 1.65         | -6.41        |
| 4100      | 0.42         | -4.96        |
| 4200      | 2.89         | -4.55        |
| 4400      | 1.67         | -5.89        |
| 4500      | 1.18         | -6.71        |
| 4600      | 1.38         | -6.35        |
| 5000      | -1.22        | -7.41        |

