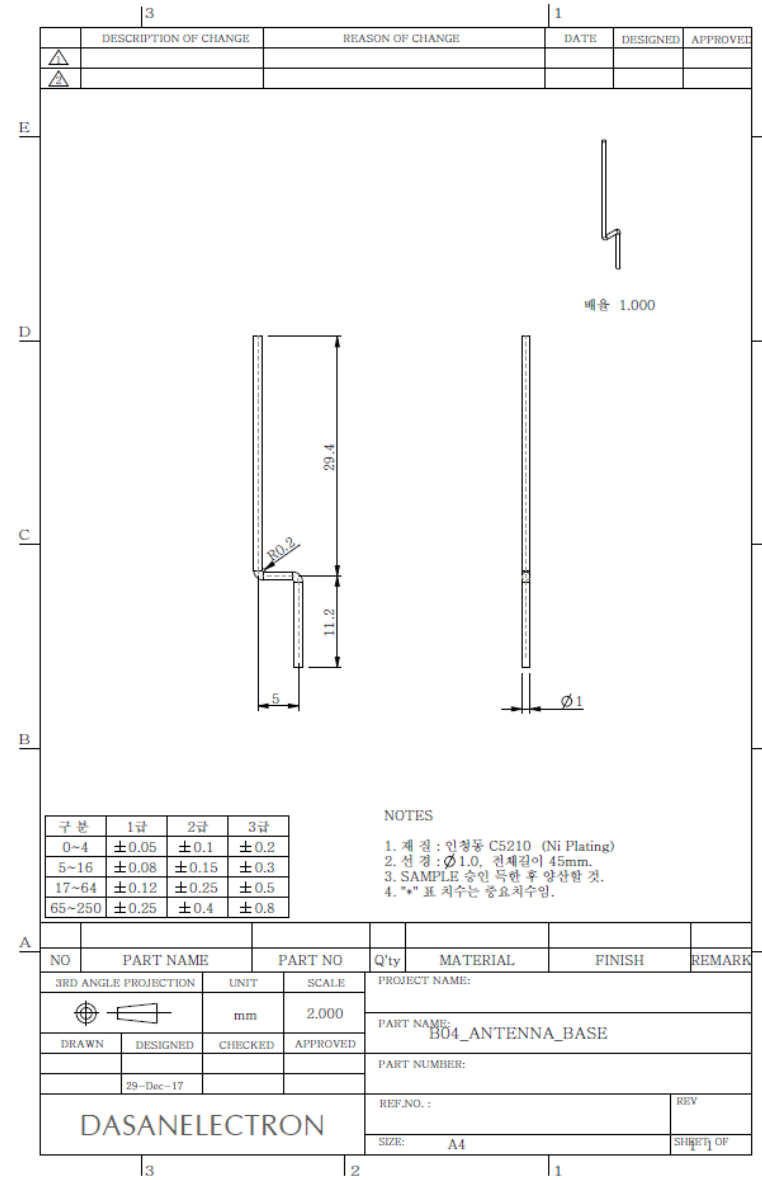


DW-810ST Antenna TEST Report

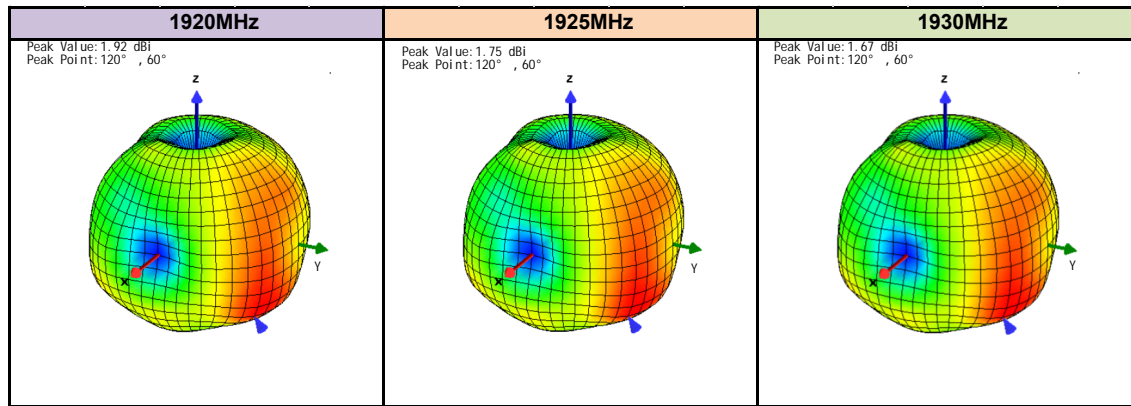
1. BASE Antenna

- It is designed by DASAN ELECTRON CO., LTD -
- Adress: #307, Plant 1 Dong, Kyunggitechno Park, 705, Haean-ro, Sangnok-gu, Ansan-si, Gyeonggi-do, South Korea
- Metal 1.0mm thickness
- Ni Plating



- FCC BASE ANTENNA 3D gain

3D Gain & Efficiency

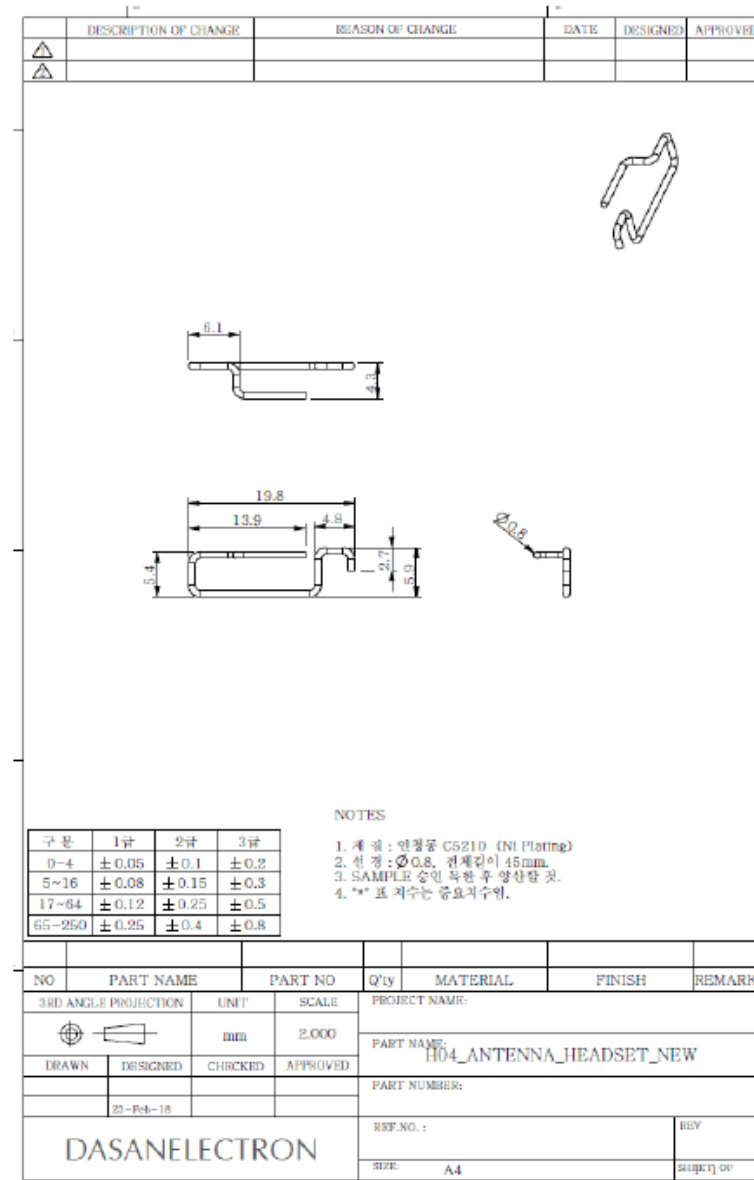


2. Test Results

| No | Frequency | Peak Value | | Minimum Value | | Avg. Gain | Efficiency |
|----|-----------|------------|----------|---------------|--------|-----------|------------|
| | [MHz] | Value[dBi] | Degree | Value[dBi] | Degree | [dBi] | [%] |
| 1 | 1920 | 1.92 | 120 / 60 | -12.479 | 90 / 0 | -3.01 | 49.92 |
| 2 | 1925 | 1.75 | 120 / 60 | -12.465 | 90 / 0 | -3.12 | 48.77 |
| 3 | 1930 | 1.67 | 120 / 60 | -12.472 | 90 / 0 | -3.26 | 47.24 |

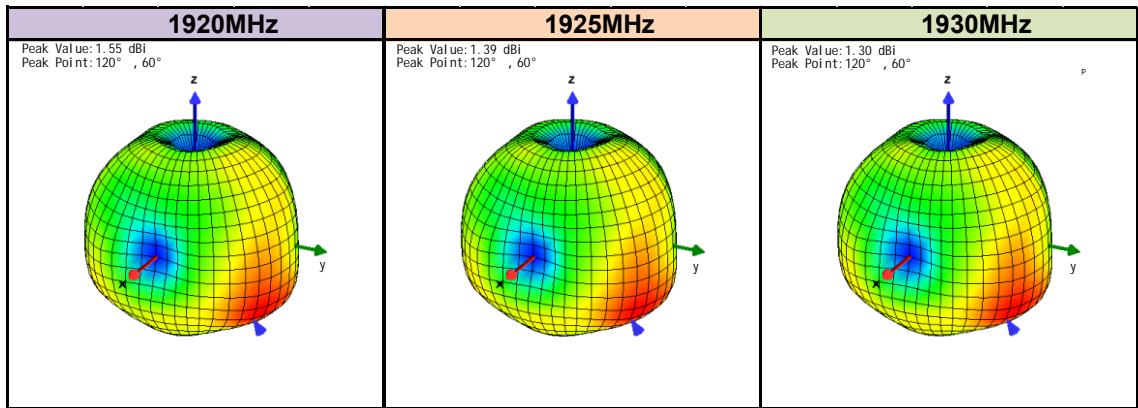
2. Headset Antenna

- It is designed by DASAN ELECTRON
- Metal 0.8mm thickness
- Ni Plating



- FCC HEADSET ANTENNA 3D gain

3D Gain & Efficiency



2. Test Results

| No | Frequency | Peak Value | | Minimum Value | | Avg. Gain | Efficiency |
|----|-----------|------------|----------|---------------|--------|-----------|------------|
| | [MHz] | Value[dBi] | Degree | Value[dBi] | Degree | [dBi] | [%] |
| 1 | 1920 | 1.55 | 120 / 60 | -21.425 | 90 / 0 | -2.58 | 55.701 |
| 2 | 1925 | 1.39 | 120 / 60 | -21.561 | 90 / 0 | -2.66 | 54.962 |
| 3 | 1930 | 1.30 | 120 / 60 | -21.629 | 90 / 0 | -2.75 | 53.463 |