

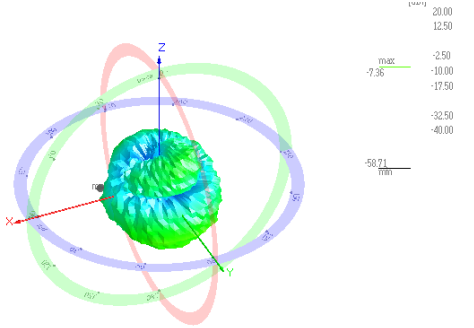
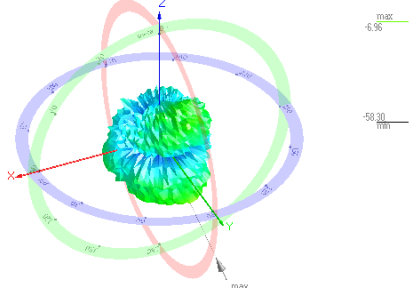
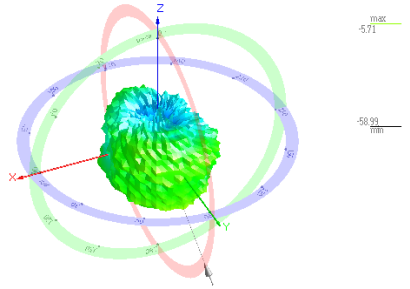
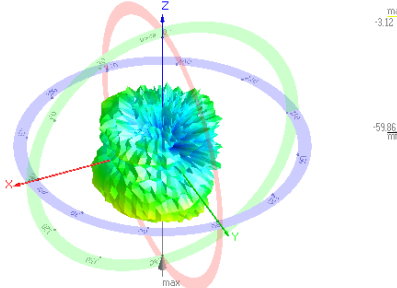
Antenna Information

- Model: FOB-4F81U44
- H/W version: 1.00
- Antenna Type: PCB Pattern
- Antenna Max peak gain: 0.78 dBi
- Manufacturer: Hyundai Mobis Co., Ltd.
- Manufacturer Address: 203, Teheran-ro, Gangnam-gu, Seoul, South Korea, 135-977

| No. | Freq.[GHz] | | Eff.[%] | Avg.[dBi] | Peak[dBi] | |
|-----|------------|--|---------|-----------|-----------|--|
| 1 | 0.8 | | 0.21 | -26.72 | -21.89 | |
| 2 | 1.6 | | 0.41 | -23.92 | -17.92 | |
| 3 | 2.15 | | 1.51 | -18.22 | -12.17 | |
| 4 | 2.7 | | 0.63 | -21.98 | -15.29 | |

MV

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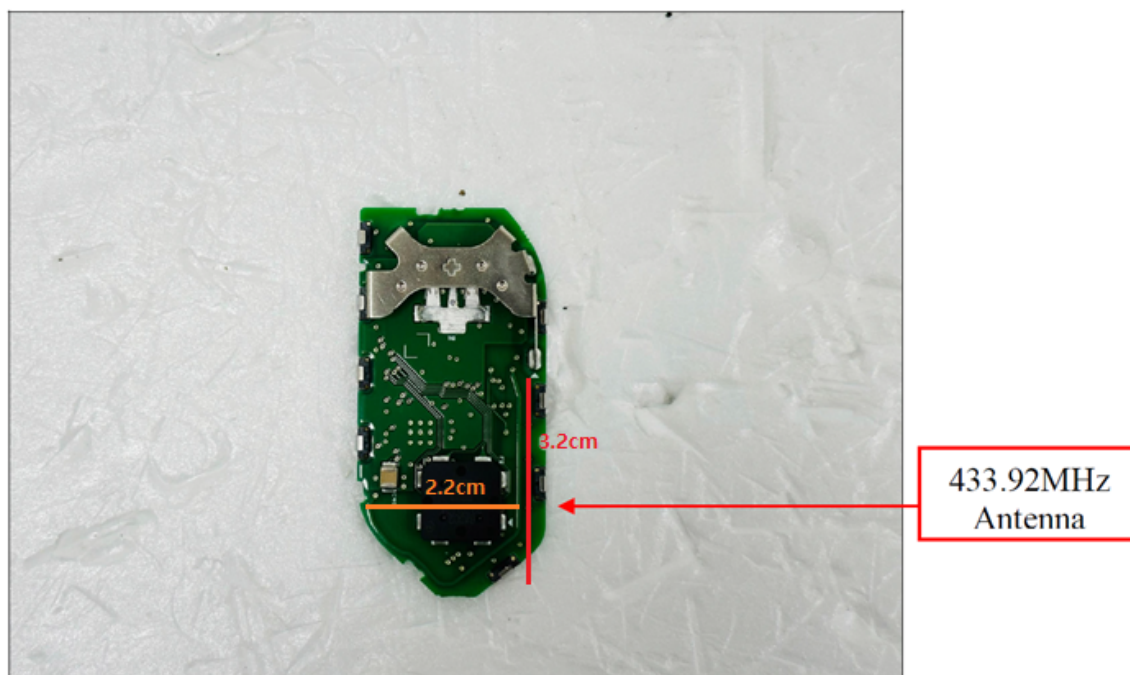
| No. | Freq.[GHz] | | Eff.[%] | Avg.[dBi] | Peak[dBi] | |
|-----|------------|--|---------|-----------|-----------|--|
| 5 | 3.22 | | 5.71 | -12.43 | -6.82 | <p>3.220GHz</p>  |
| 6 | 3.735 | | 6.17 | -12.1 | -5.17 | <p>3.735GHz</p>  <p>Hyundai</p> |
| 7 | 4.27 | | 13.3 | -8.76 | -2.25 | <p>4.270GHz</p>  |
| 8 | 4.8 | | 17.95 | -7.46 | 2.78 | <p>4.800GHz</p>  |

| No. | Freq.[GHz] | | Eff.[%] | Avg.[dBi] | Peak[dBi] | |
|-----|------------|--|---------|-----------|-----------|-----------------|
| 9 | 5.4 | | 23.35 | -6.32 | 2.86 | <p>5.400GHz</p> |
| 10 | 6 | | 23.19 | -6.35 | 1.93 | <p>6.000GHz</p> |
| 11 | 6.5 | | 21.44 | -6.69 | 0.78 | <p>6.500GHz</p> |

Max Peak

*Antenna type: PCB pattern

Top view of Main PCB



Bottom view of Main PCB

