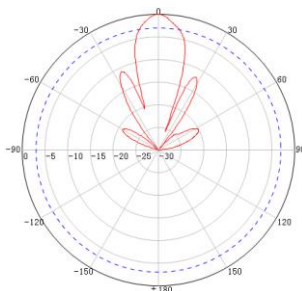




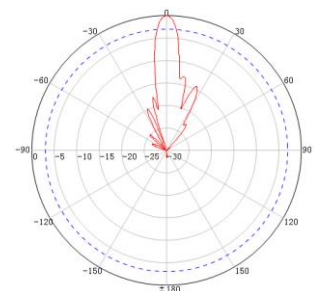
5GHz 18dBi MIMO Panel Antenna  
Model: DB-5800S-18-20



| <b>Electrical Specifications</b> |  |
|----------------------------------|--|
| Frequency Range                  | 5150-5850 MHz                              |
| Gain                             | 18 dBi                                     |
| VSWR                             | $\leq 2.0$                                 |
| Polarization                     | $\pm 90^\circ$                             |
| F/B Ratio                        | $\geq 23$ dB                               |
| Horizontal Beamwidth             | $20^\circ$                                 |
| Vertical Beamwidth               | $9^\circ$                                  |
| Input Impedance                  | $50 \Omega$                                |
| Max.Power                        | 100 W                                      |
| Lightning Protection             | DC Ground                                  |
| <b>Mechanical Specifications</b> |  |
| Connector                        | 2xN-Female                                 |
| Dimensions                       | 305x305x30 mm                              |
| Packing Size                     | 320x320x80 mm                              |
| Weight                           | 2.2 kg                                     |
| Reflector Material               | Aluminum                                   |
| Radome Material                  | ABS  |
| Rated Wind Velocity              | 210 km/h                                   |
| Operating Temperature            | $-40^\circ\text{C}$ to $+65^\circ\text{C}$ |
| Mounting Pole                    | $\varnothing 38$ - $\varnothing 52$ mm     |



H-Plane



V-Plane