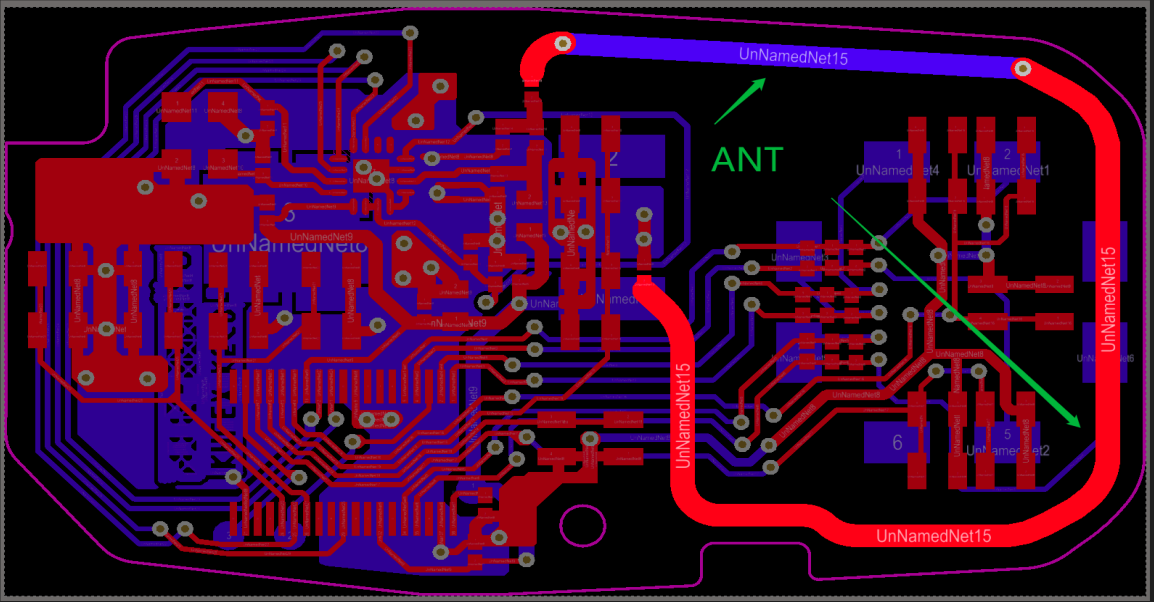
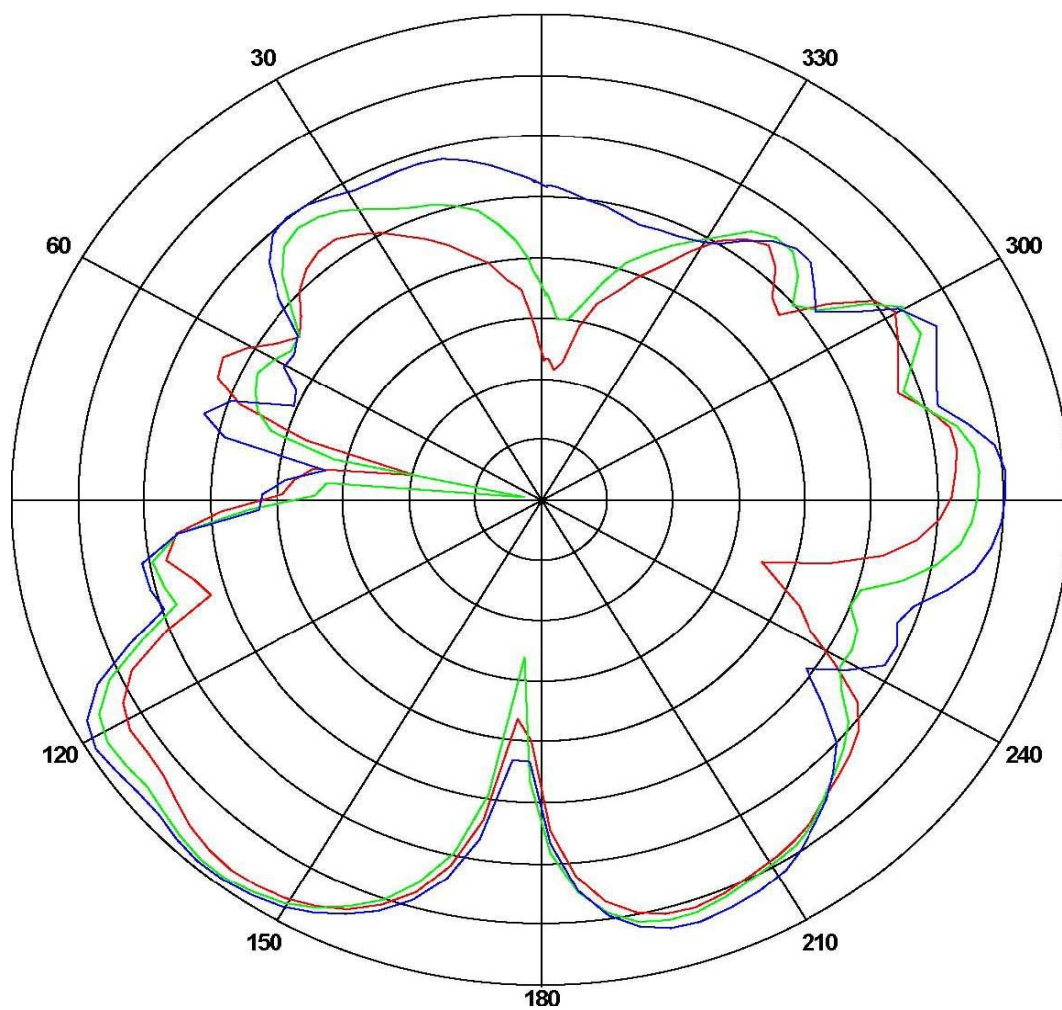


# ANTENNA SPECIFICATION

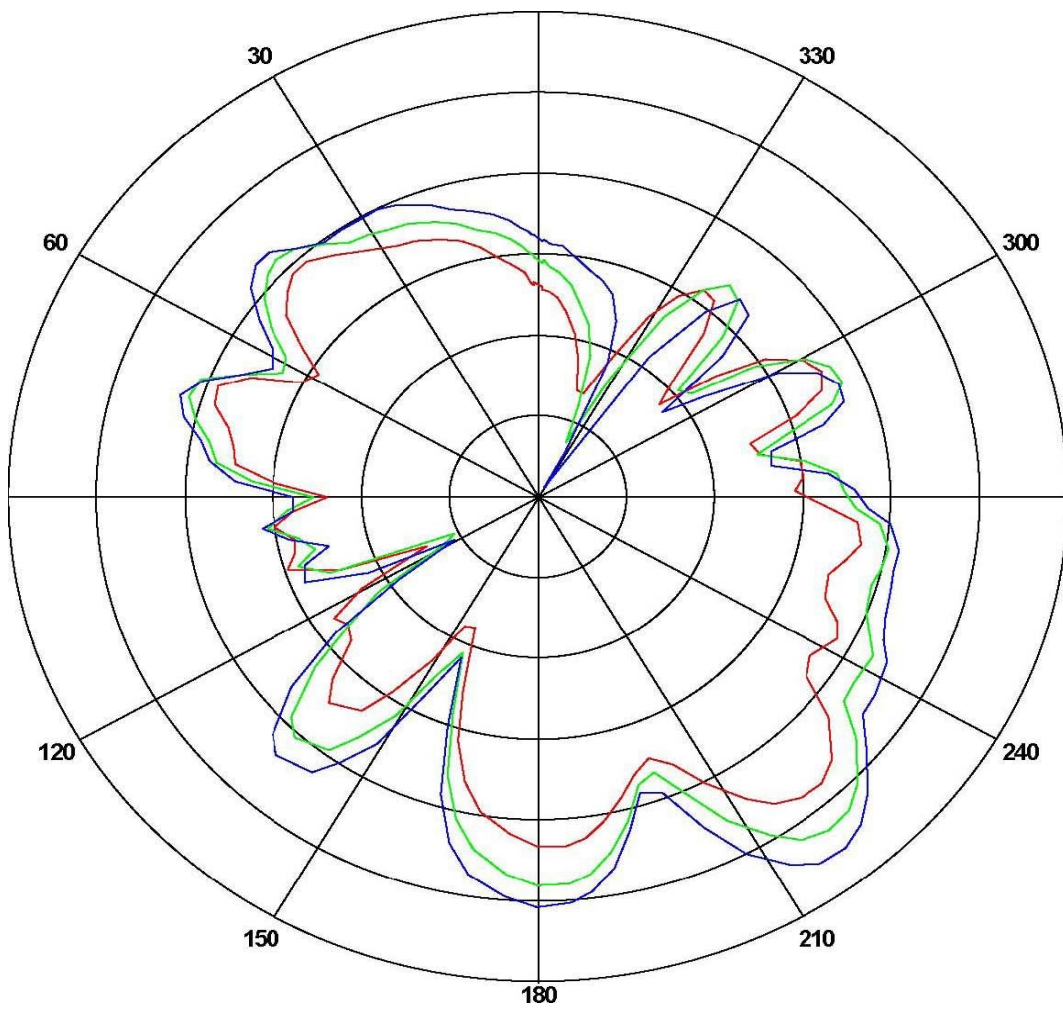
|                                           |                                                                                       |            |           |           |           |           |
|-------------------------------------------|---------------------------------------------------------------------------------------|------------|-----------|-----------|-----------|-----------|
| Company:Remote Tech LLC                   |                                                                                       |            |           |           |           |           |
| Address: 310 ALDER RD, DOVER DE 19904 USA |                                                                                       |            |           |           |           |           |
| SUMMARY                                   |                                                                                       |            |           |           |           |           |
| Model Name                                | BCKG15                                                                                |            | 315MHz    |           |           |           |
| Center Frequency                          |                                                                                       | Horizontal |           |           | Vertical  |           |
|                                           | 314.02MHz                                                                             | 315.00MHz  | 315.08MHz | 314.02MHz | 315.00MHz | 315.08MHz |
|                                           | -15.32                                                                                | -11.25     | -16.06    | -15.32    | -11.25    | -16.06    |
| MAX Gain                                  | -5dBi                                                                                 |            |           |           |           |           |
| Polarization                              | Horizontal and Vertical                                                               |            |           |           |           |           |
| Azimuth Beam Pattern                      | Omni-directional                                                                      |            |           |           |           |           |
| Impedance                                 | 50 Ohm                                                                                |            |           |           |           |           |
| Antenna Length                            | 38.88mm                                                                               |            |           |           |           |           |
| Manufacture                               | key innovation                                                                        |            |           |           |           |           |
| Manufacture Address                       | 633 Hickory Hill Dr Vernon Hills, IL 60061<br>640-224-0031<br>info@keyinnovations.com |            |           |           |           |           |
| Antenna Photo                             |                                                                                       |            |           |           |           |           |
|                                           |                                                                                       |            |           |           |           |           |



|                                              |
|----------------------------------------------|
| Horizontal: 314.02 MHz 315.00 MHz 315.08 MHz |
| Power (dBm)                                  |
| Max: -11.25 Min: -16.06 Scale: 5/div         |
| Vertical: 314.02 MHz 315.00 MHz 315.08 MHz   |
| Power (dBm)                                  |
| Max: -11.25 Min:-16.06 Scale: 5/div          |



| Frequency<br>(MHz) | Gain(dB) |        |        |
|--------------------|----------|--------|--------|
|                    | Max      | Min    | Avg    |
| 314.02             | -13.38   | -18.76 | -15.59 |
| 315.00             | -11.25   | -16.06 | -13.54 |
| 315.08             | -12.96   | -19.33 | -17.85 |



| (MHz)  | Max    | Min    | Avg    |
|--------|--------|--------|--------|
| 314.02 | -13.38 | -18.76 | -15.59 |
| 315.00 | -11.25 | -16.06 | -13.54 |
| 315.08 | -12.96 | -19.33 | -17.85 |