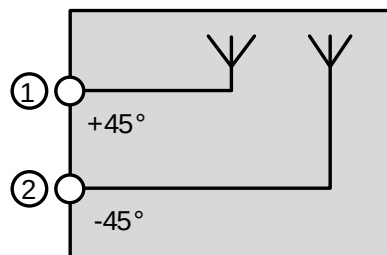


## MIMO X-Pol Panel Antenna, 694MHz-4000MHz



not binding

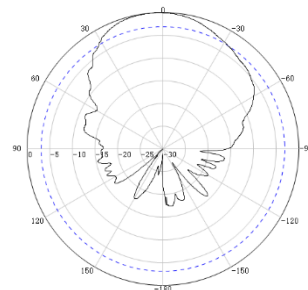
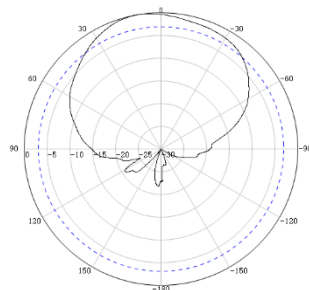
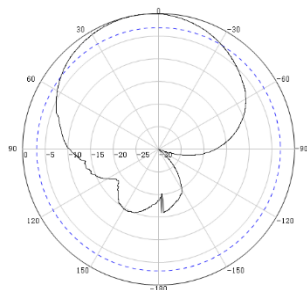


block diagram

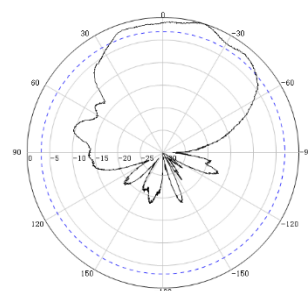
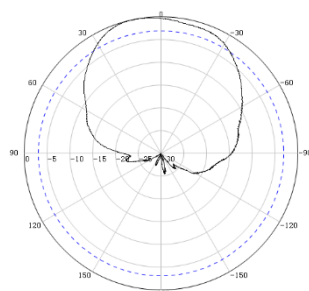
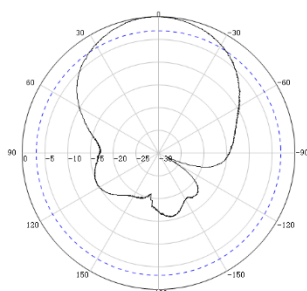
| Part number                               |            | BN A77139                |           |           |
|-------------------------------------------|------------|--------------------------|-----------|-----------|
| Connector                                 |            | 2 x 4.3-10 female (50 Ω) |           |           |
| Frequency range, [MHz]                    |            | 694-960                  | 1690-2700 | 3300-4000 |
| Gain, [dBi]                               |            | 6.0±1.0                  | 7.5±1.0   | 7.5±1.0   |
| Polarization, [deg]                       |            | +45 / -45                |           |           |
| Beam width,[deg]                          | Horizontal | 75                       | 70        | 68        |
|                                           | Vertical   | 70                       | 70        | 60        |
| Front-To-Back Ratio, [dB]                 |            | ≥10                      | ≥15       | ≥15       |
| VSWR                                      |            | ≤1.8                     |           |           |
| Isolation, [dB]                           |            | >20                      | >23       | >23       |
| Intermodulation (IM3)<br>@ 2x 20 W, [dBc] |            | ≤ -153                   |           |           |
| Input power, [W]                          |            | max. 50                  |           |           |
| Degree of protection                      |            | Indoor / IP54            |           |           |
| Weight, without Mounting Kit, [kg]        |            | 1.0                      |           |           |
| Radome Material and Color                 |            | ABS, White, RAL9003      |           |           |
| Temperature range, [°C]                   |            | -55 – +60                |           |           |
| Dimensions (H x W x D), [mm]              |            | 308 x 190 x 85           |           |           |
| Operational Humidity                      |            | <95%                     |           |           |
| RoHS                                      |            | Compliant                |           |           |
| Flammability rating                       |            | UL 94-V0                 |           |           |
| Mounting Kit                              |            | On-wall                  |           |           |

**Radiation pattern:**

**Horizontal  
pattern**



**Vertical  
pattern**

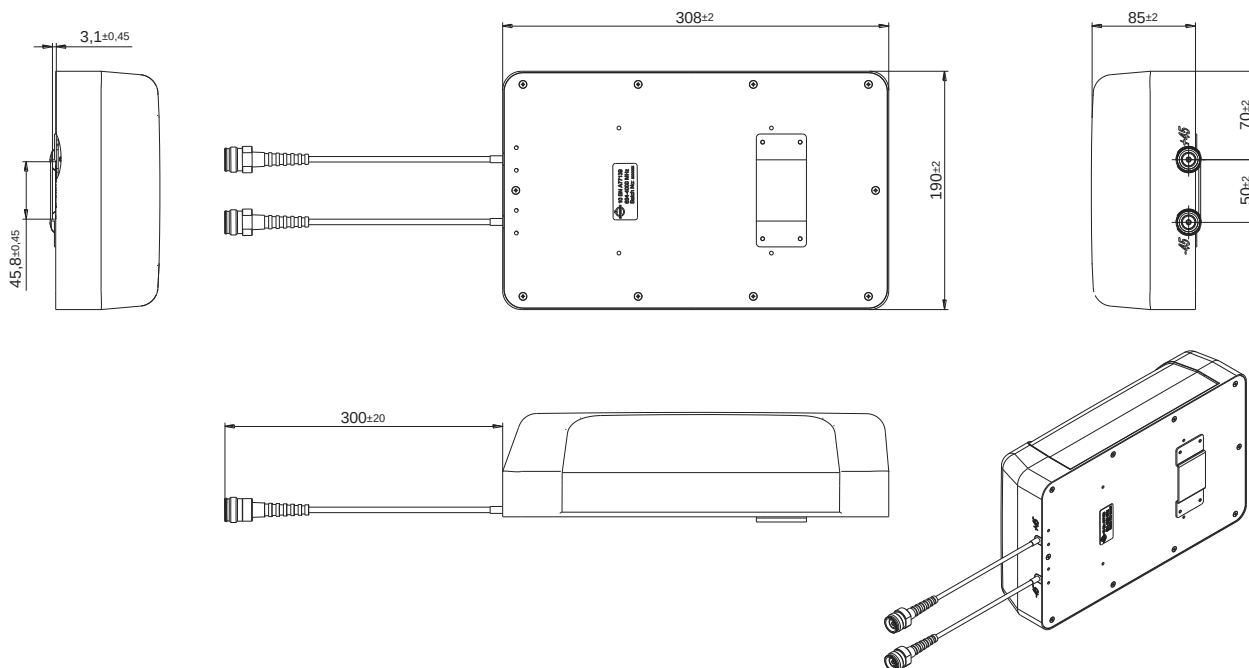


**806MHz**

**2170MHz**

**3600MHz**

### Dimensions and mounting:



### Standard:

4.3-10 female (50 ohms): IEC 61169-54

Subject to change without notice

### Mounting kit:

