

Radiation Patter Envelope

1.2m | 4ft (17.7 – 19.7 GHz)

Antenna Type: RFCM-1845UH1.2Dxx

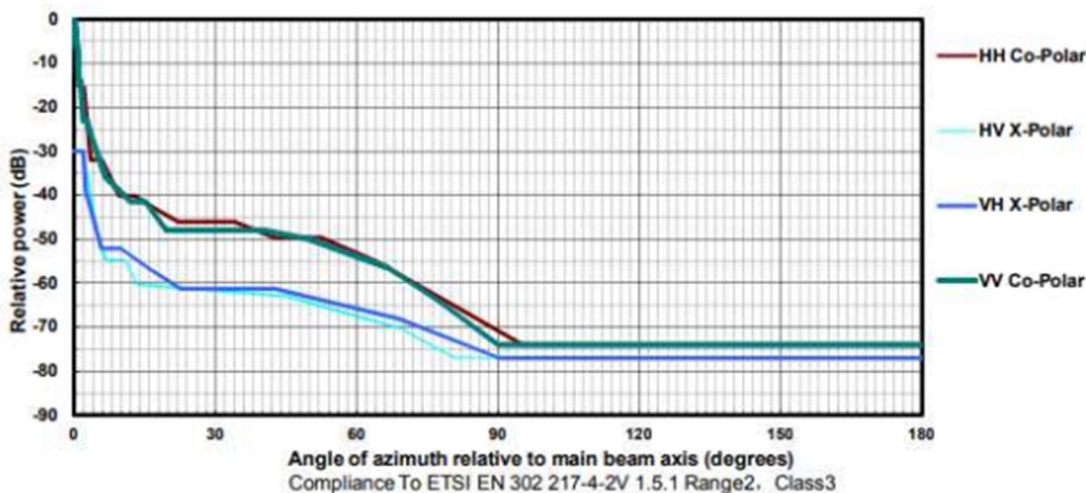
Gain (dBi): 44.7

HPBW (*): 0.9

Universal Ultra-High Performance, Low Profile, Single-Pole Antenna

F/B Ration (dB): 73

XPD (dB): 30



| H-H | | V-V | | H-V | | V-H | |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -30.0 | 0.0 | -30.0 |
| 0.2 | 0.0 | 0.1 | -0.1 | 2.0 | -30.0 | 2.0 | -30.0 |
| 0.3 | -0.3 | 0.2 | -0.1 | 5.1 | -50.0 | 2.5 | -39.0 |
| 0.4 | -0.9 | 0.3 | -0.9 | 6.7 | -54.8 | 5.8 | -52.1 |
| 0.4 | -1.6 | 0.4 | -1.7 | 11.0 | -54.8 | 10.0 | -52.1 |
| 0.5 | -2.8 | 0.5 | -2.8 | 12.8 | -58.6 | 16.0 | -56.7 |
| 0.7 | -5.3 | 0.6 | -4.6 | 13.5 | -60.2 | 22.5 | -61.2 |
| 0.8 | -7.8 | 0.7 | -6.1 | 45.2 | -62.9 | 42.6 | -61.2 |
| 0.9 | -9.8 | 0.8 | -7.3 | 68.9 | -70.1 | 69.0 | -68.0 |
| 1.0 | -12.2 | 0.9 | -9.3 | 80.7 | -77.0 | 90.0 | -77.0 |
| 1.1 | -15.2 | 0.9 | -9.9 | 180.0 | -77.0 | 180.0 | -77.0 |
| 1.1 | -14.9 | 0.9 | -11.8 | | | | |
| 1.8 | -15.3 | 1.0 | -14.1 | | | | |
| 2.2 | -15.3 | 1.5 | -14.1 | | | | |
| 3.6 | -32.0 | 2.0 | -23.0 | | | | |
| 5.8 | -32.0 | 2.6 | -23.0 | | | | |
| 9.5 | -40.1 | 4.0 | -28.0 | | | | |
| 12.8 | -40.1 | 6.7 | -36.0 | | | | |
| 17.6 | -43.3 | 12.0 | -41.5 | | | | |
| 22 | -46.0 | 15.0 | -41.5 | | | | |
| 34.0 | -46.0 | 19.5 | -47.9 | | | | |
| 42.6 | -49.7 | 40.0 | -47.9 | | | | |
| 52.5 | -49.7 | 50.0 | -50.0 | | | | |
| 64.4 | -55.1 | 66.6 | -56.5 | | | | |
| 95.0 | -74.0 | 77.5 | -64.0 | | | | |
| 180.0 | -74.0 | 90.0 | -74.0 | | | | |
| | | 180.0 | -74.0 | | | | |