

Radiation Patter Envelope

1.8m | 6ft (17.7 – 19.7 GHz)

Antenna Type: RFCM-1848UH1.8Dxx

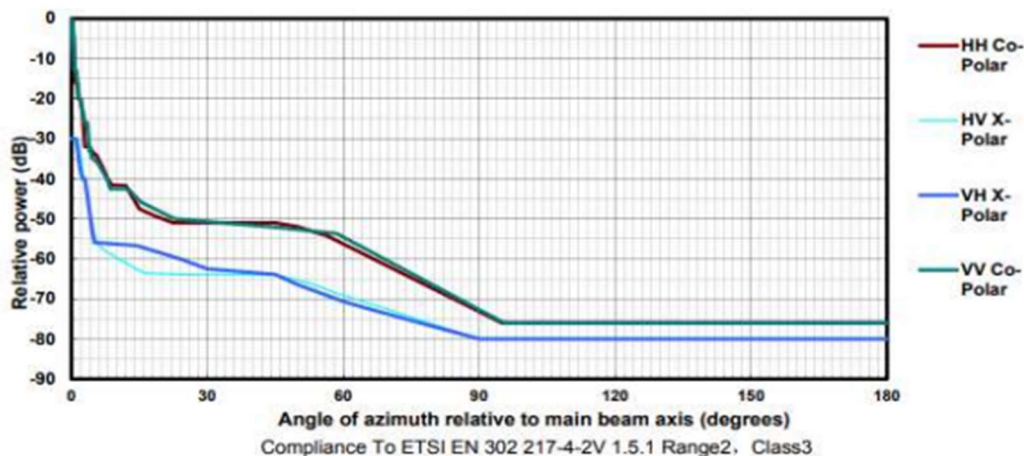
Gain (dBi): 47.8

HPBW (*): 0.7

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

F/B Ration (dB): 76

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
0.1	-0.2	0.1	-0.3	1.5	-30.0	1.0	-30.0
0.2	-0.5	0.2	-0.7	2.5	-38.0	2.0	-38.0
0.3	-1.8	0.3	-2.0	4.0	-48.0	2.5	-40.0
0.4	-3.1	0.4	-3.5	5.5	-56.0	3.0	-40.0
0.5	-5.0	0.5	-6.0	7.5	-58.0	4.0	-48.0
0.6	-7.6	0.6	-8.8	13.5	-62.0	4.5	-52.3
0.7	-10.6	0.7	-12.9	16.3	-63.6	5.1	-55.9
0.7	-14.0	1.1	-12.9	27.0	-64.0	14.4	-56.7
0.8	-16.0	1.5	-18.0	45.0	-64.0	24.0	-60.0
1.3	-16.0	1.7	-20.0	52.5	-66.0	30.0	-62.5
1.5	-20.0	2.0	-20.0	57.5	-68.2	37.5	-63.2
2.0	-20.0	3.0	-26.0	68.0	-72.0	45.0	-63.9
2.5	-24.0	3.5	-26.0	90.0	-80.0	50.3	-66.6
3.0	-32.0	4.0	-33.0	180.0	-80.0	60.2	-70.7
4.0	-32.0	4.0	-32.0			66.6	-72.8
5.1	-34.0	4.5	-34.7			90.0	-80.0
5.5	-34.0	5.8	-36.0			180.0	-80.0
6.4	-36.0	8.0	-40.3				
7.0	-37.3	8.6	-42.5				
8.0	-40.0	12.5	-42.5				
9.0	-41.6	15.4	-45.9				
12.0	-41.7	15.7	-46.0				
15.0	-47.5	22.7	-50.0				
18.3	-49.2	45.0	-52.1				
22.5	-51.0	58.6	-53.7				
30.0	-51.0	95.5	-76.0				
45.0	-51.0	180.0	-76.0				
50.0	-52.0						
55.7	-54.0						
56.0	-54.0						
95.0	-76.0						
180.0	-76.0						