

Radiation Patter Envelope

0.3m | 1ft, Ultra High Performance, Single-Polarized, 71.00-86.00GHz

Antenna Type: RFCM-EA8045UH03Sxx

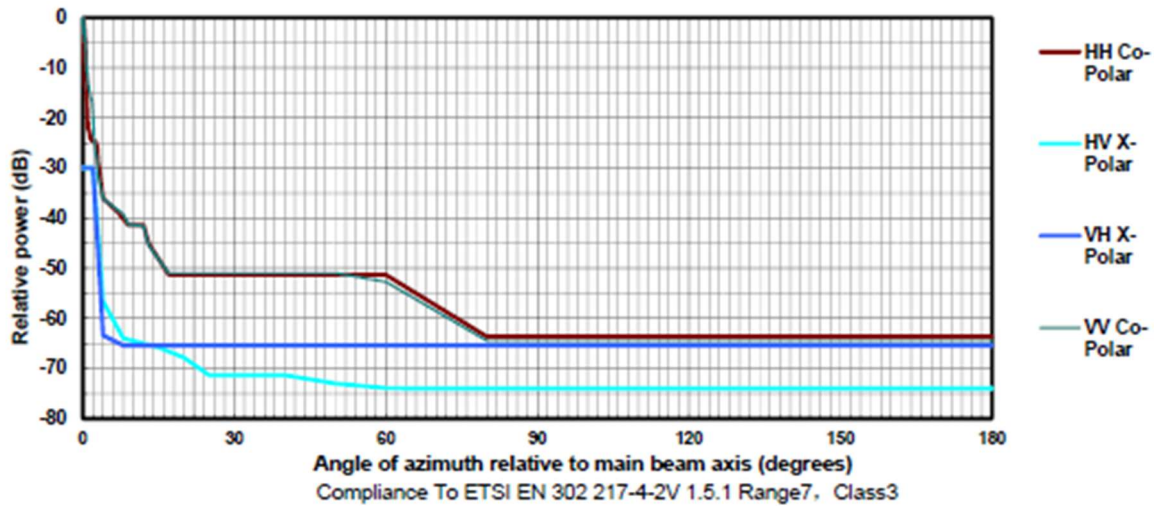
Gain (dBi): 46

HPBW (*): 0.7

UNIVERSAL ULTRA HIGHER PERFORMANCE, SINGLE-POLARIZED ANTENNA

F/B Ration (dB): 62

XPB (dB): -30



H-H		V-V		H-V		V-H	
0	0.00	0	0.00	0	-30.00	0	-30.00
0.25	-1.37	0.25	-1.73	2	-30.00	2	-30.00
0.5	-5.87	0.5	-5.19	4	-58.59	4	-63.39
0.75	-15.83	0.75	-10.23	8	-63.95	8	-65.38
1	-22.12	1	-12.47	15	-65.78	15	-65.38
1.25	-22.53	1.25	-14.35	20	-67.83	20	-65.38
1.5	-24.14	1.5	-15.74	25	-71.33	25	-65.38
1.75	-24.42	1.75	-16.37	40	-71.33	40	-65.38
2	-24.67	2	-19.24	50	-73.01	50	-65.38
2.25	-24.67	2.25	-24.33	60	-73.91	60	-65.38
2.5	-24.67	2.5	-26.97	65	-73.97	65	-65.38
2.75	-25.51	2.75	-28.44	80	-73.97	80	-65.38
3	-28.71	3	-31.71	90	-73.97	90	-65.38
4	-36.05	4	-36.12	100	-73.97	100	-65.38
7	-38.86	8	-39.17	180	-73.97	180	-65.38
9	-41.36	9	-41.20				
12	-41.36	12	-41.59				
13	-45.00	13	-45.44				
17	-51.28	17	-50.95				
25	-51.28	25	-50.95				
30	-51.28	30	-50.95				
40	-51.28	40	-50.95				
50	-51.28	50	-50.95				
60	-51.31	60	-52.71				
80	-63.65	80	-64.47				
90	-63.65	90	-64.47				
100	-63.65	100	-64.47				
180	-63.65	180	-64.47				