

# Radiation Patter Envelope

## 1.2m | 4ft (10.125 – 11.7GHz)

**Antenna Type:** RFCM-1141UH1.2WDxx

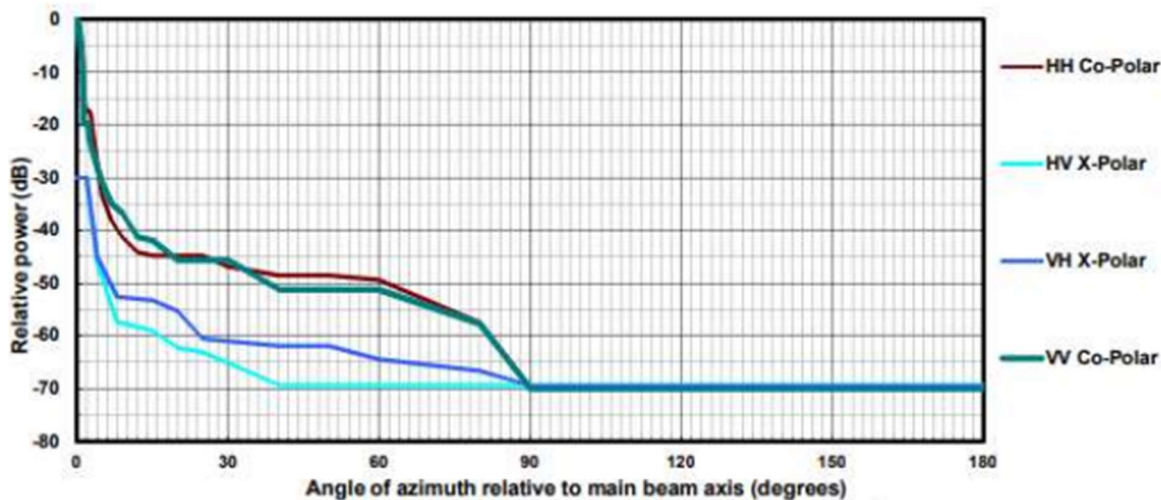
**Gain (dBi):** 40.7

**HPBW (\*):** 1.5

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

**F/B Ration (dB):** 67

**XPD (dB):** 30



Angle of azimuth relative to main beam axis (degrees)

Compliance To ETSI EN 302 217-4-2V 1.5.1 Range1, Class3

H-H		V-V		H-V		V-H	
0.0	0.0	0.0	0.0	0.0	-30.00	0.0	-30.00
0.3	-0.2	0.3	-0.6	2.0	-30.00	2.0	-30.00
0.5	-1.0	0.5	-1.9	4.0	-46.12	4.0	-45.13
0.8	-2.5	0.8	-4.1	8.0	-57.33	8.0	-52.51
1.0	-5.0	1.0	-7.4	15.0	-59.07	15.0	-53.26
1.3	-8.8	1.3	-12.8	20.0	-62.29	20.0	-55.23
1.5	-14.7	1.5	-19.8	25.0	-63.04	25.0	-60.45
1.8	-17.3	2.0	-19.8	40.0	-69.28	40.0	-61.81
2.3	-17.3	2.3	-20.0	180.0	-69.28	50.0	-61.81
2.8	-18.2	2.5	-22.7			60.0	-64.38
3.0	-20.2	3.0	-24.7			80.0	-66.60
5.0	-33.3	5.0	-30.9			90.0	-69.44
7.0	-38.2	7.0	-35.0			180.0	-69.44
9.0	-41.2	9.0	-36.7				
12.0	-44.1	12.0	-41.3				
15.0	-44.8	15.0	-42.0				
25.0	-44.8	20.0	-45.7				
30.0	-46.9	30.0	-45.7				
40.0	-48.5	40.0	-51.3				
50.0	-48.5	60.0	-51.3				
60.0	-49.4	80.0	-57.7				
80.0	-57.5	90.0	-70.1				
90.0	-69.6	180.0	-70.1				
180.0	-69.6						