

# Radiation Patter Envelope

0.9m | 3ft (10.125 – 11.7 GHz)

**Antenna Type:** RFCM-1138UH09WDxx

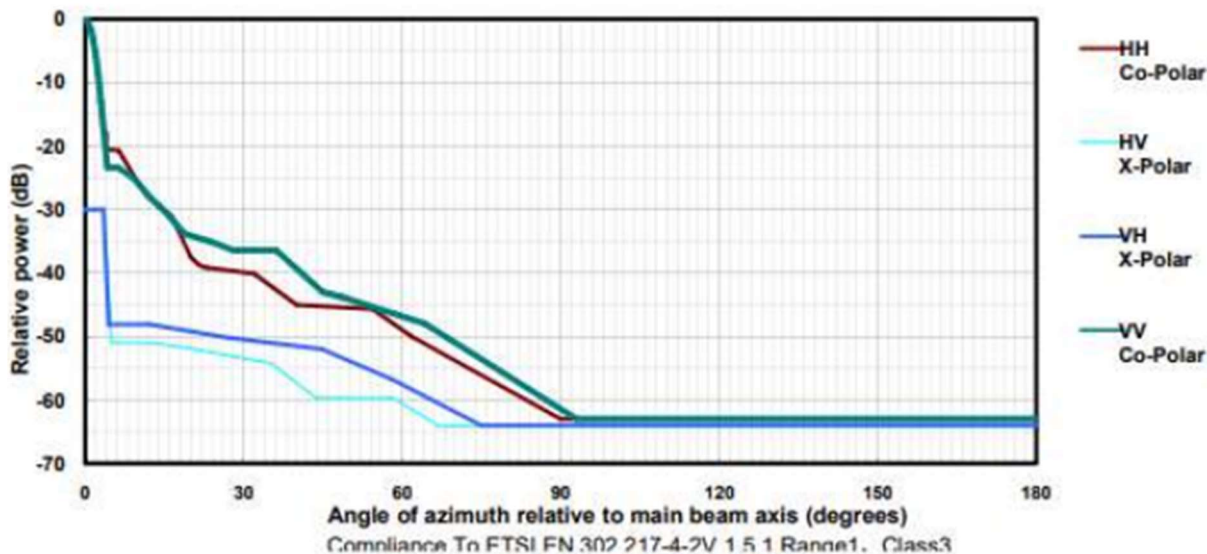
**Gain (dBi):** 37.6

**HPBW (\*):** 2.1

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

**F/B Ration (dB):** 63

**XPD (dB):** 30



H-H		V-V		H-V		V-H	
0	0	0	0	0	-30	0	-30
0.5	-0.3	0.5	-0.3	3.5	-30	3.5	-30
1	-1.4	1	-1.4	5.1	-51	4.5	-48.1
1.5	-3.1	1.5	-3.1	12.5	-51	12.2	-48.1
2	-5.5	2	-5.5	20.8	-52	27.2	-50.2
2.5	-8.7	2.5	-8.7	35.2	-54.2	44.8	-52
3	-13	3	-13	43.6	-59.6	58	-56.7
3.5	-18	4.2	-23.4	58	-59.6	75	-64
4	-18	6.2	-23.4	66.9	-64.1	90	-64
4	-20.5	9.1	-25	82.5	-64	180	-64
6.4	-20.7	10.2	-26	180	-64		
10	-25.8	12	-27.9				
13.1	-28.8	14.1	-29.5				
16.3	-31	16	-31.1				
20	-37.5	18.8	-33.8				
21.5	-38.7	24	-35.1				
22.5	-39.1	28	-36.4				
23.2	-39.2	36.2	-36.4				
32	-40.1	45	-43				
40	-45	48.5	-43.8				
54.4	-45.7	64.4	-48				
61.8	-50	93	-63				
90	-63	180	-63				
120	-63						
180	-63						