

Antenna: SLM
Frequency: 18 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -24.95° 76.97°

BW1 (3dB): 22.26° 16.77°

SLL: 0.48dB 0.19dB

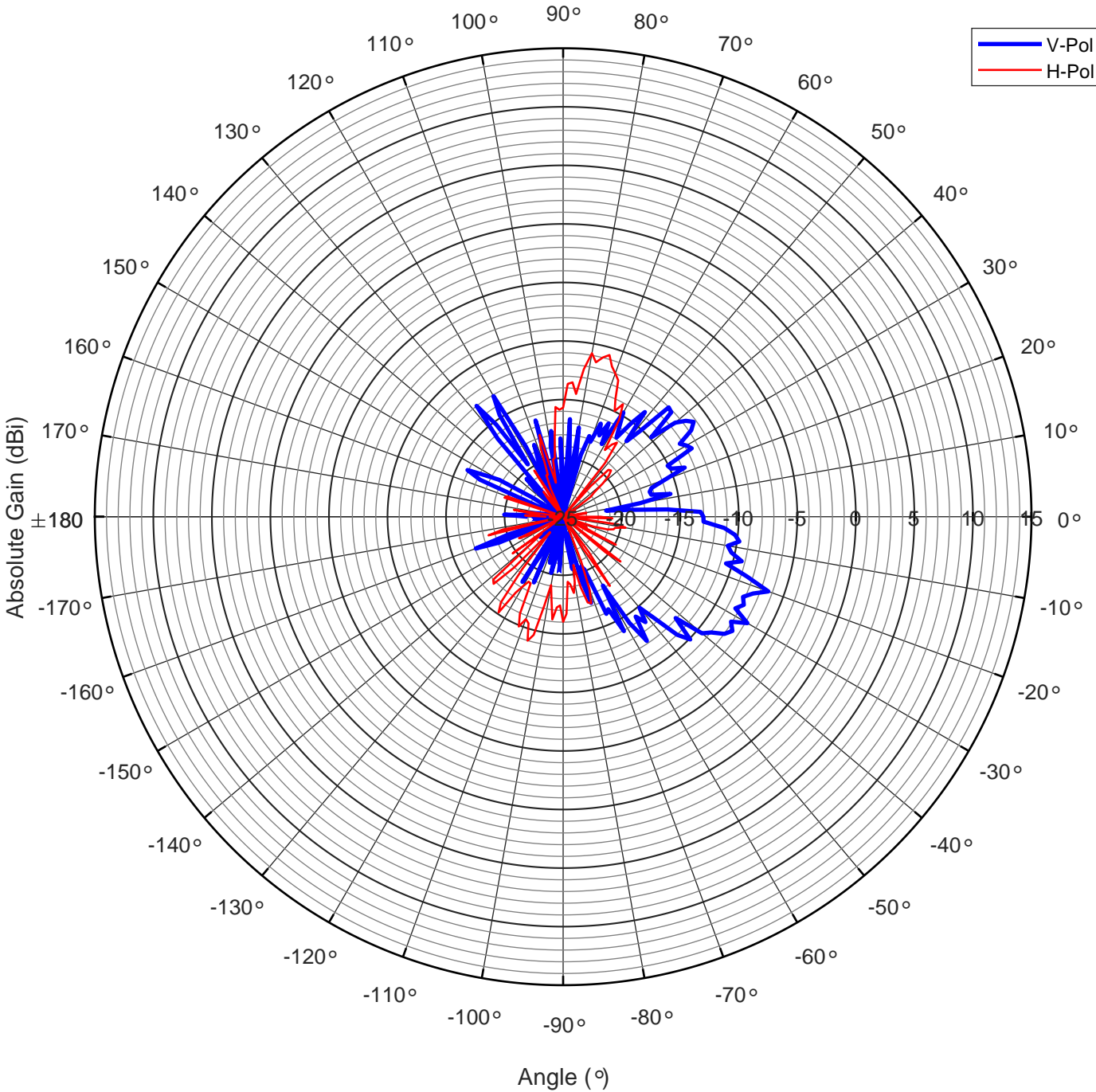


Figure #: 1

Printed Horn Array SLM

04-Apr-2022

Antenna: SLM
Frequency: 18.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -3.64° 83.11°

BW1 (3dB): 43.53° 27.92°

SLL: 0.66dB 0.78dB

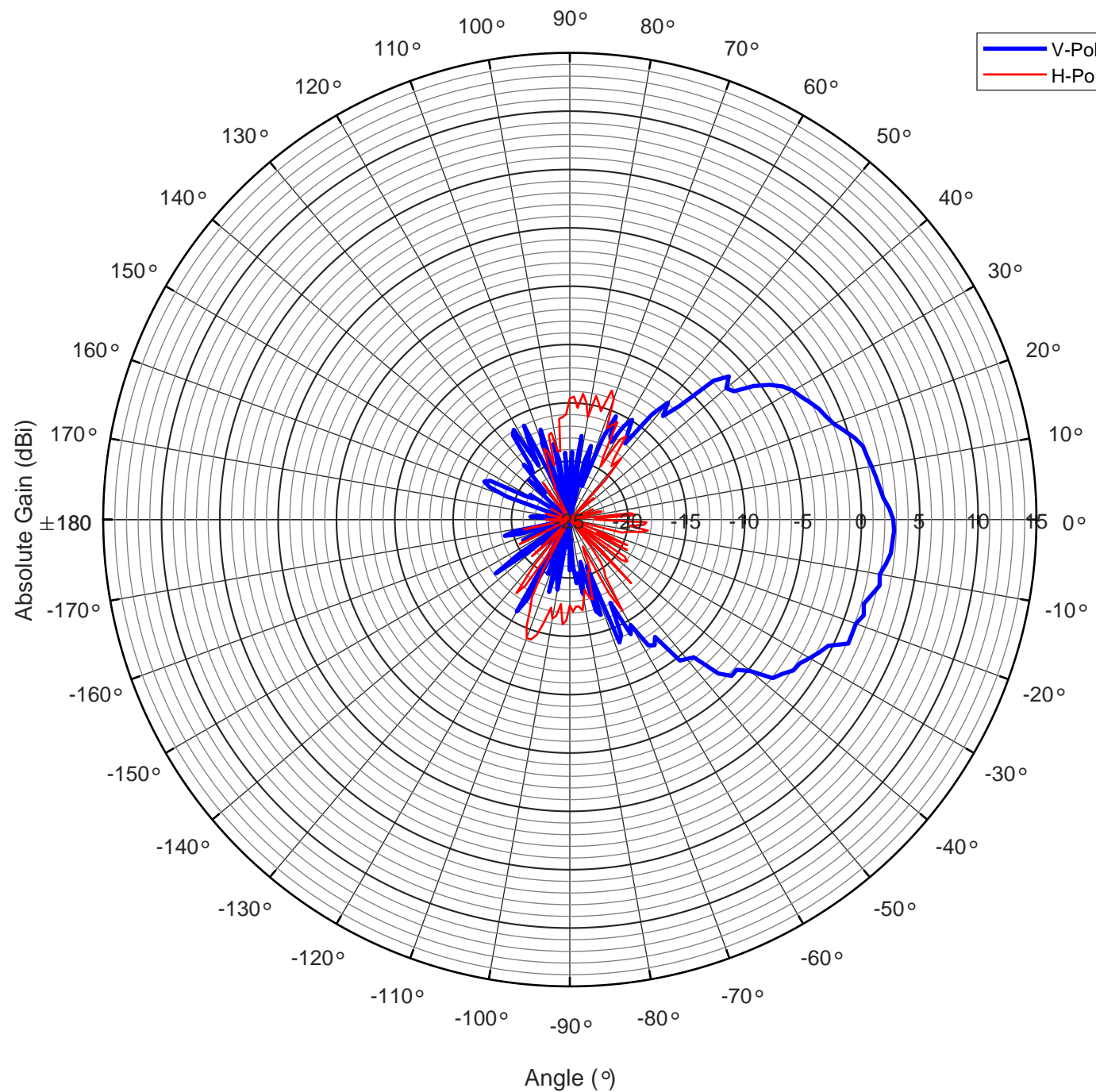


Figure #: 2

Antenna: SLM
Frequency: 19 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -2.04° 87.25°

BW1 (3dB): 45.32° 16.31°

SLL: 1.63dB 0.01dB

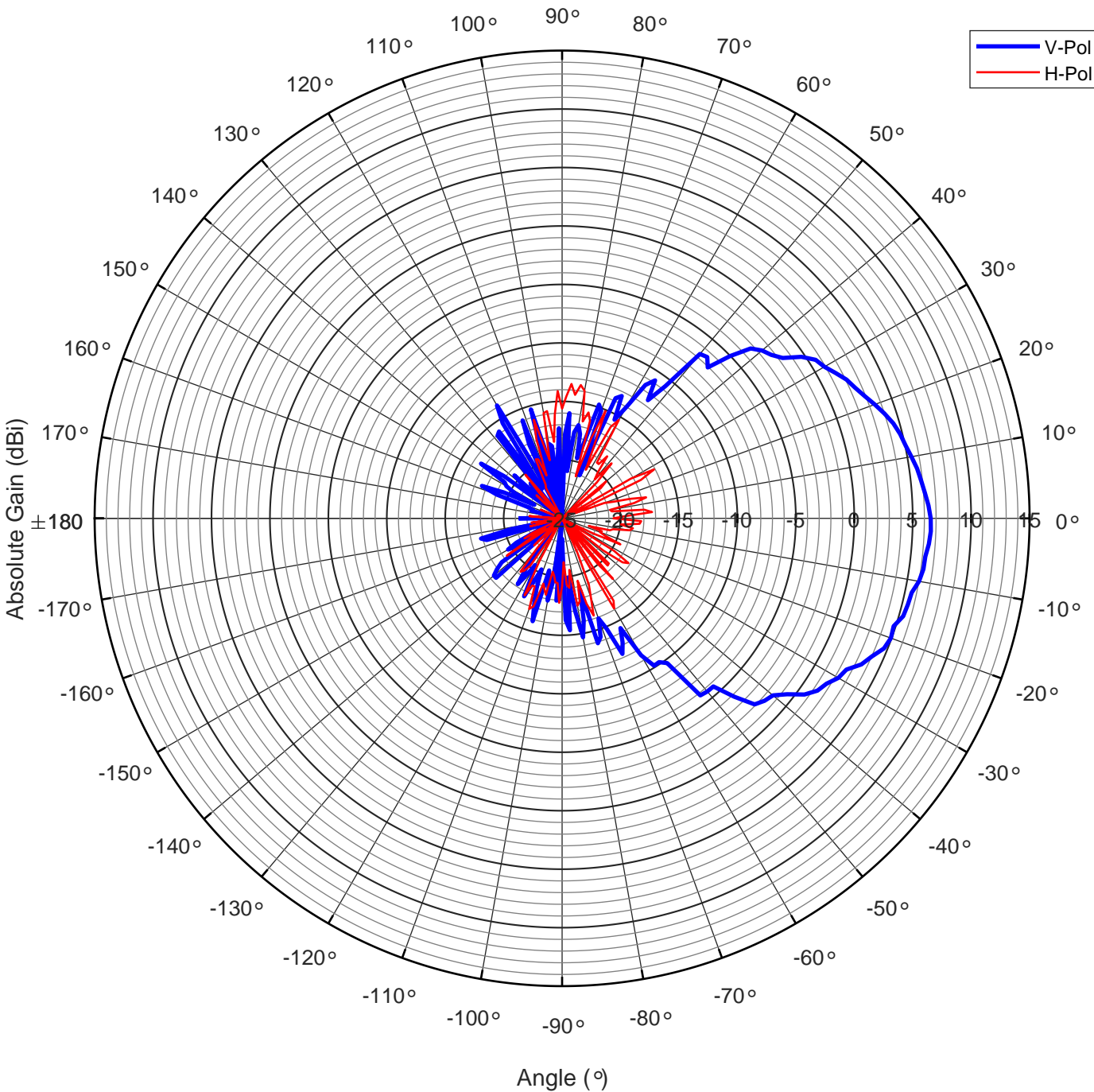


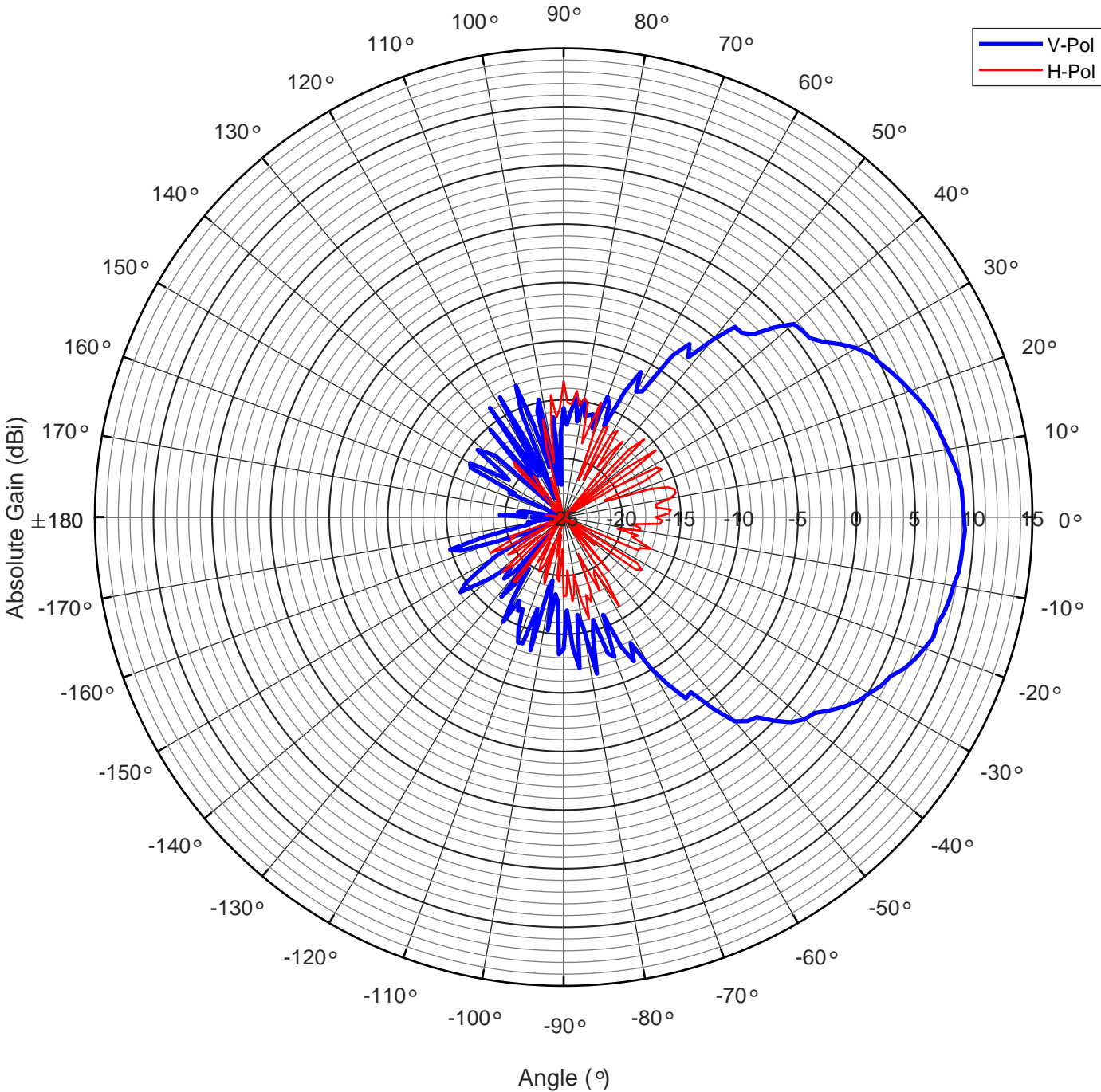
Figure #: 3

Antenna: SLM
Frequency: 19.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -2.19° 84.30°

BW1 (3dB): 46.41° 16.71°

SLL: 15.60dB 0.75dB



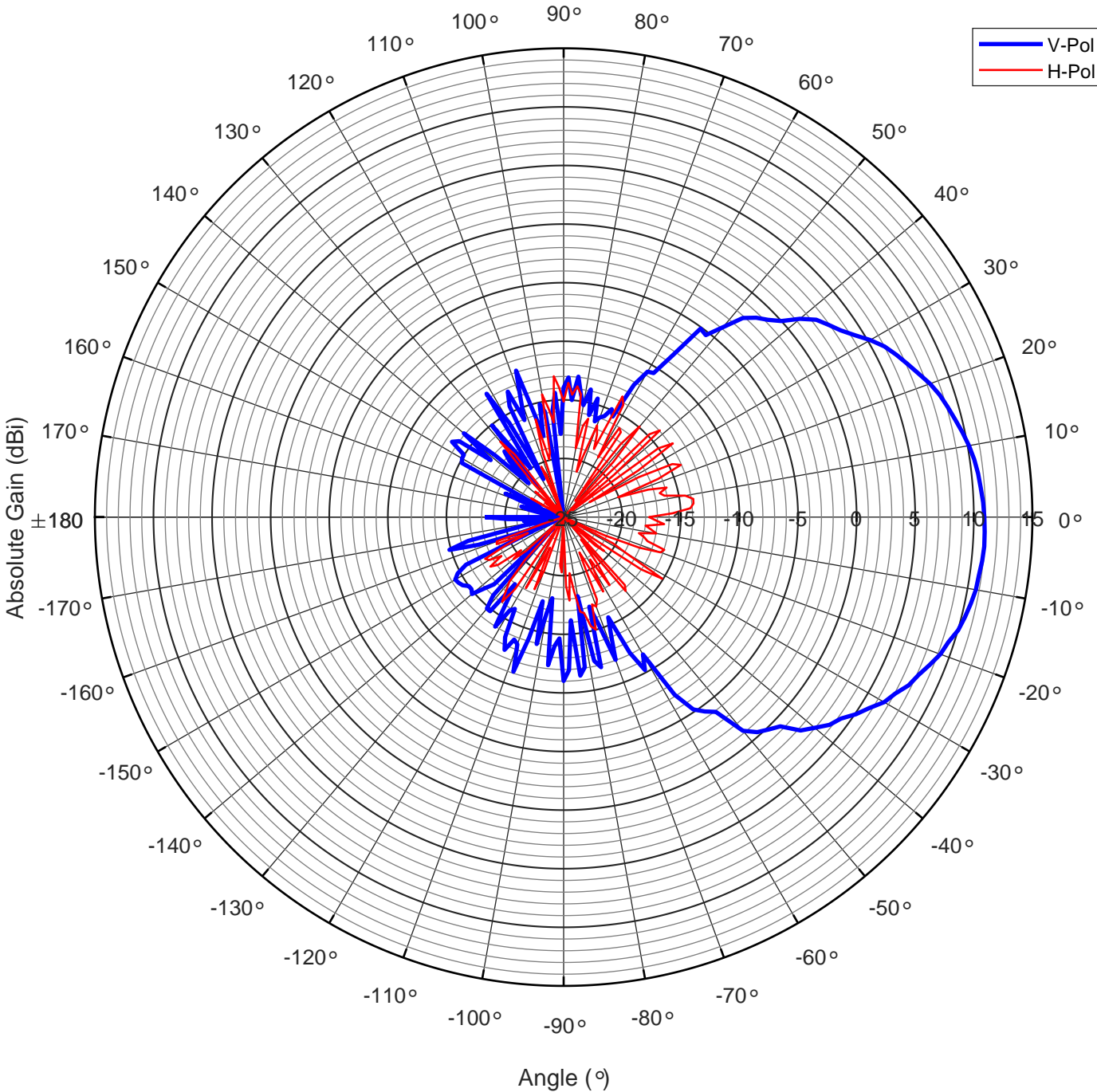
Antenna: SLM
Frequency: 20 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -1.88° 90.93°

BW1 (3dB): 45.79° 14.19°

SLL: 16.10dB 0.59dB

Figure #: 5

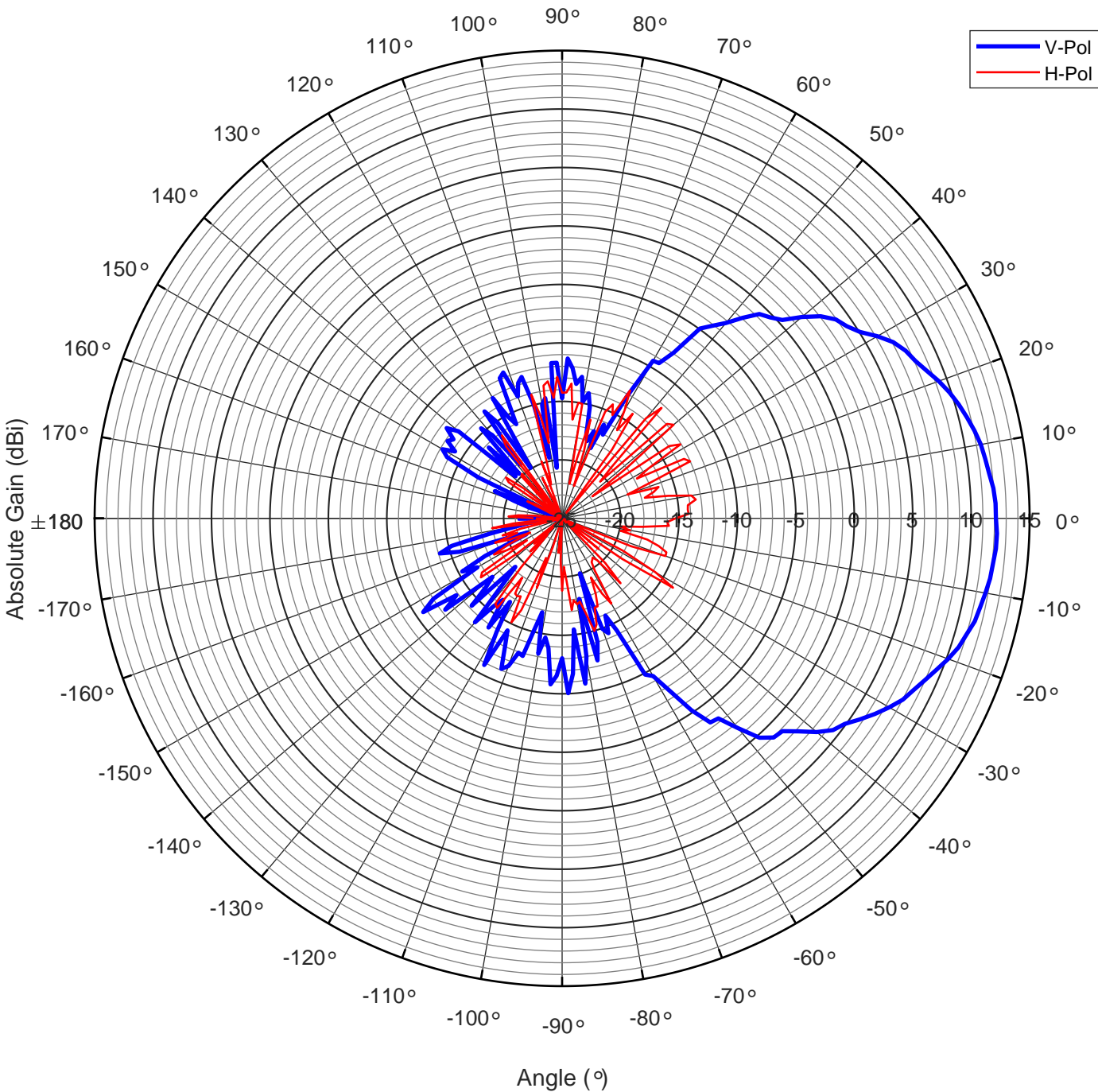


Antenna: SLM
Frequency: 20.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -1.49° 48.52°

BW1 (3dB): 43.36° 3.18°

SLL: 22.27dB 0.26dB

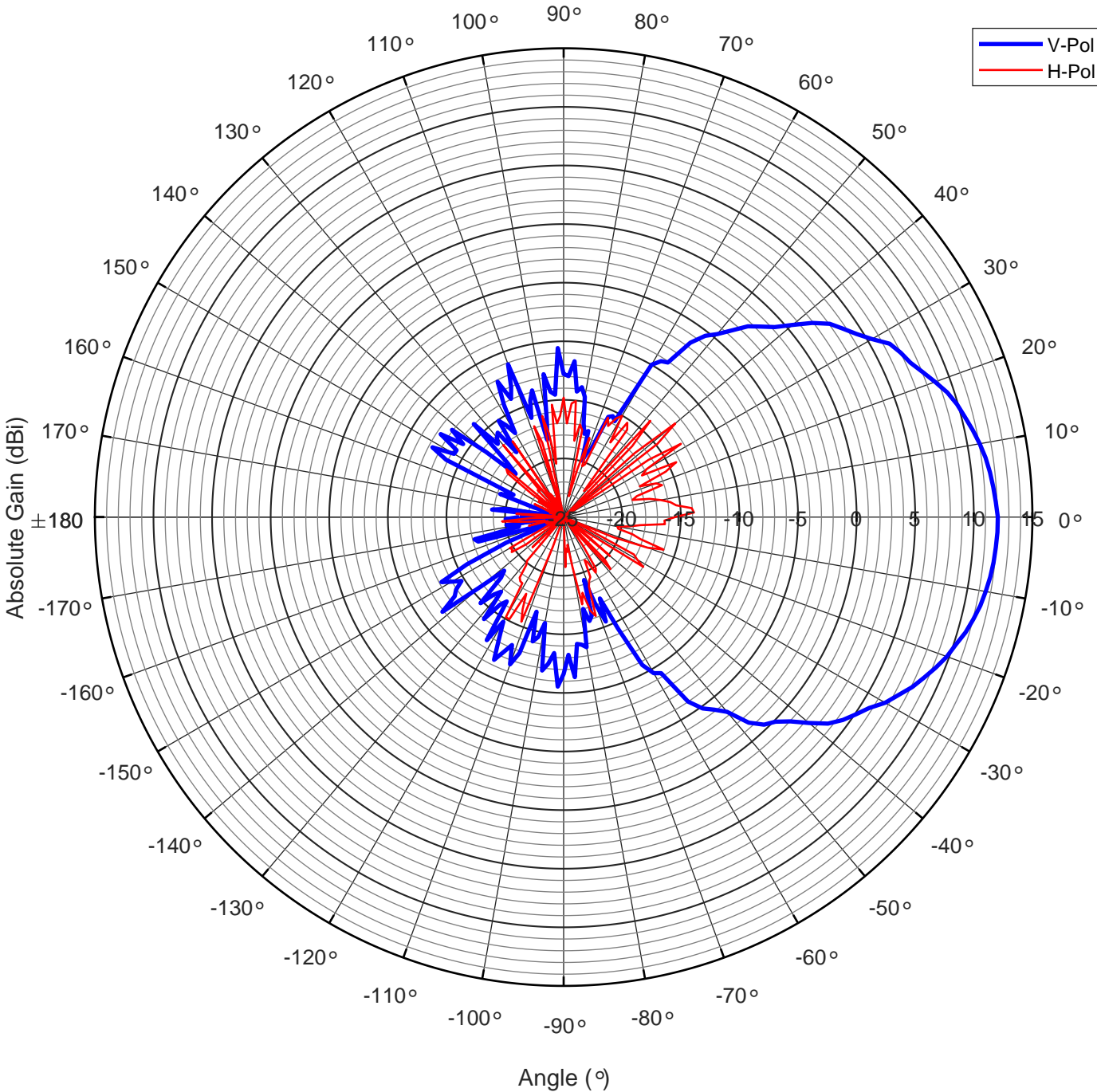


Antenna: SLM
Frequency: 21 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -1.26° 39.91°

BW1 (3dB): 41.79° 3.51°

SLL: 22.58dB 0.63dB

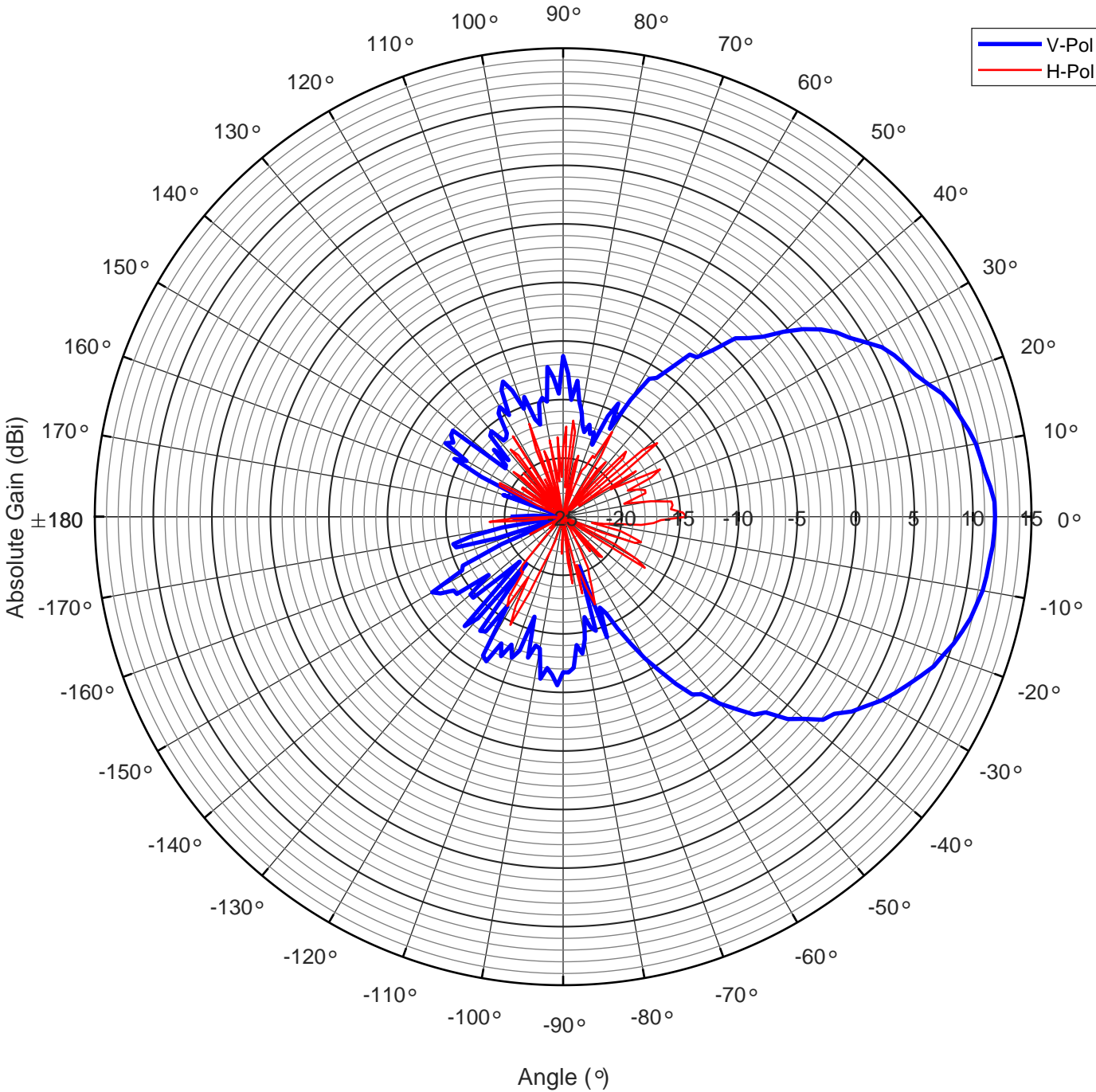


Antenna: SLM
Frequency: 21.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -1.66° 12.56°

BW1 (3dB): 41.01° 14.49°

SLL: 22.49dB 0.25dB

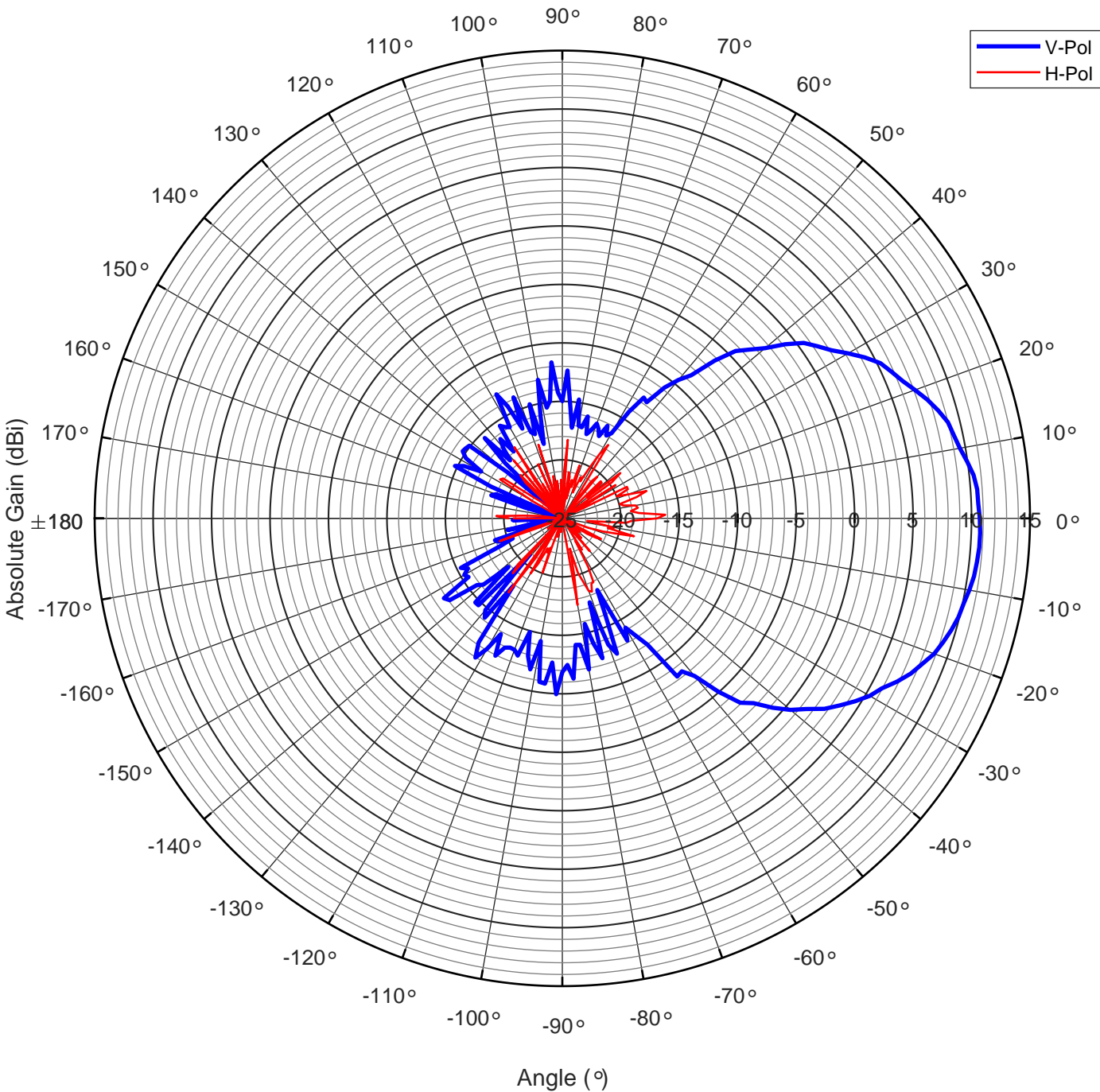


Antenna: SLM
Frequency: 22 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -2.18° 10.67°

BW1 (3dB): 41.75° 13.60°

SLL: 19.04dB 0.98dB



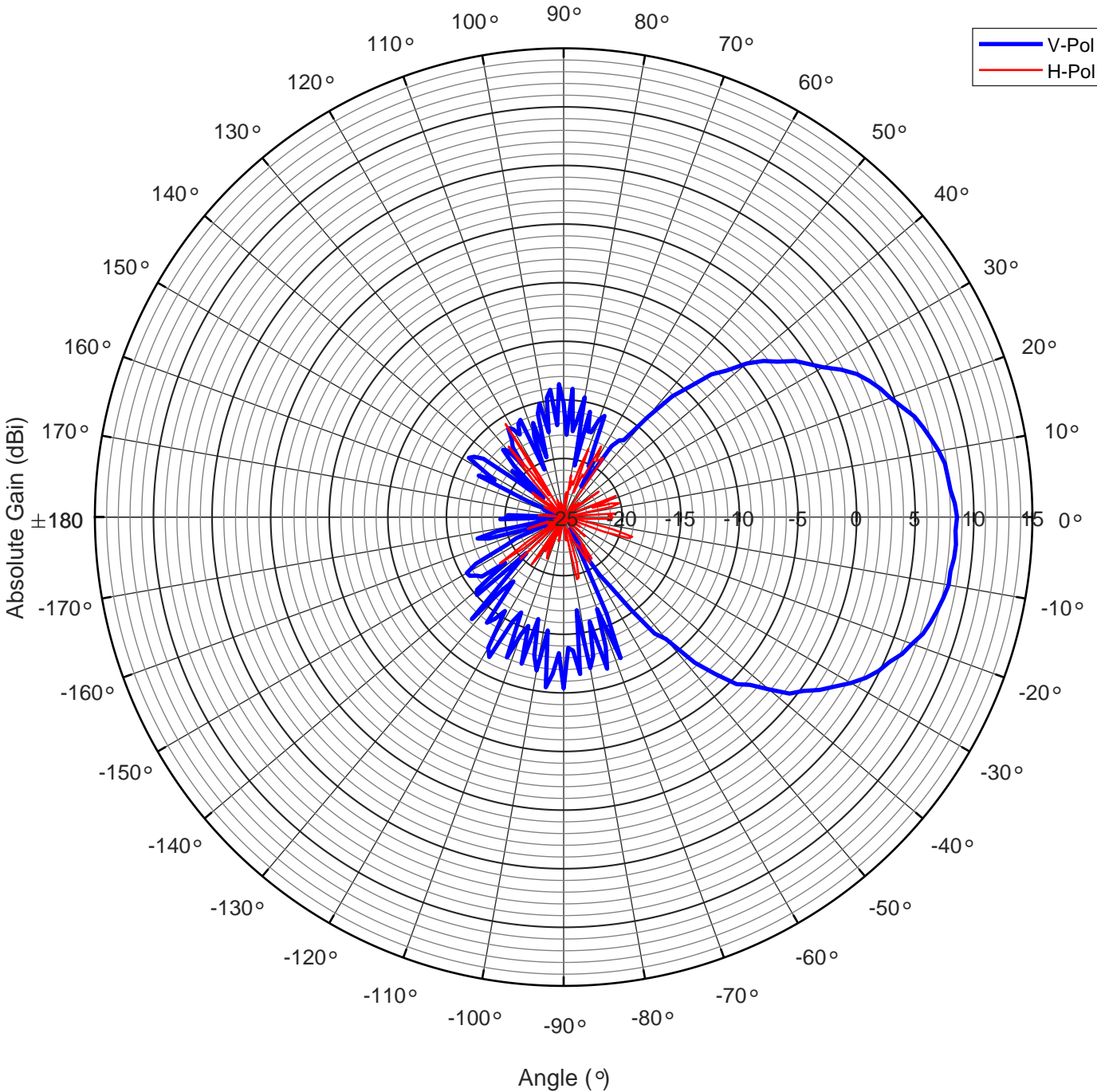
Antenna: SLM
Frequency: 22.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -2.46° 121.78°

BW1 (3dB): 41.09° 1.99°

SLL: 18.96dB 1.73dB

Figure #: 10

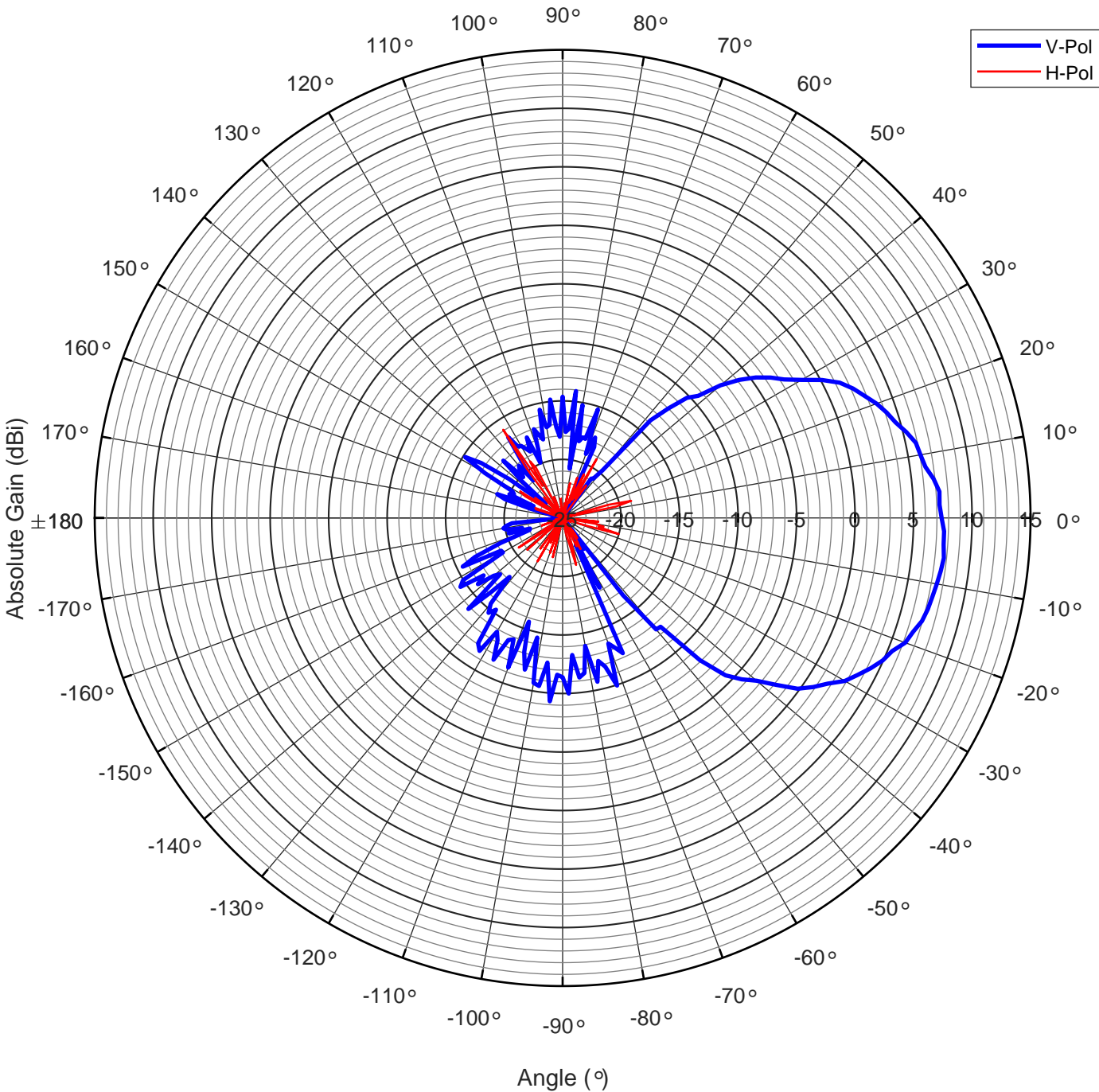


Antenna: SLM
Frequency: 23 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -3.45° 122.02°

BW1 (3dB): 40.08° 2.65°

SLL: 17.06dB 3.05dB



Printed Horn Array SLM

04-Apr-2022

Antenna: SLM
Frequency: 23.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -6.37° -134.04°

BW1 (3dB): 36.48° 3.74°

SLL: 14.27dB 2.08dB

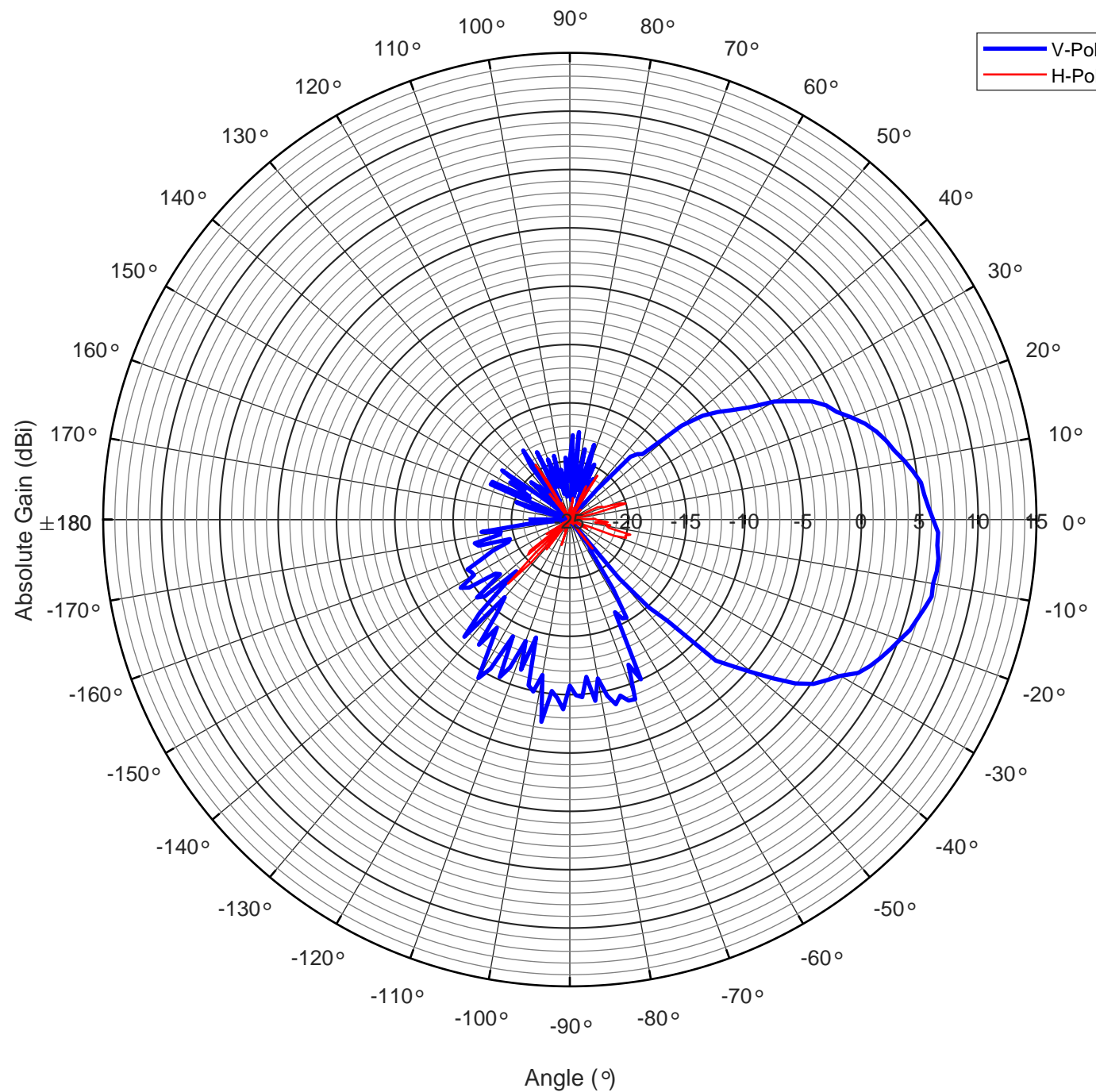


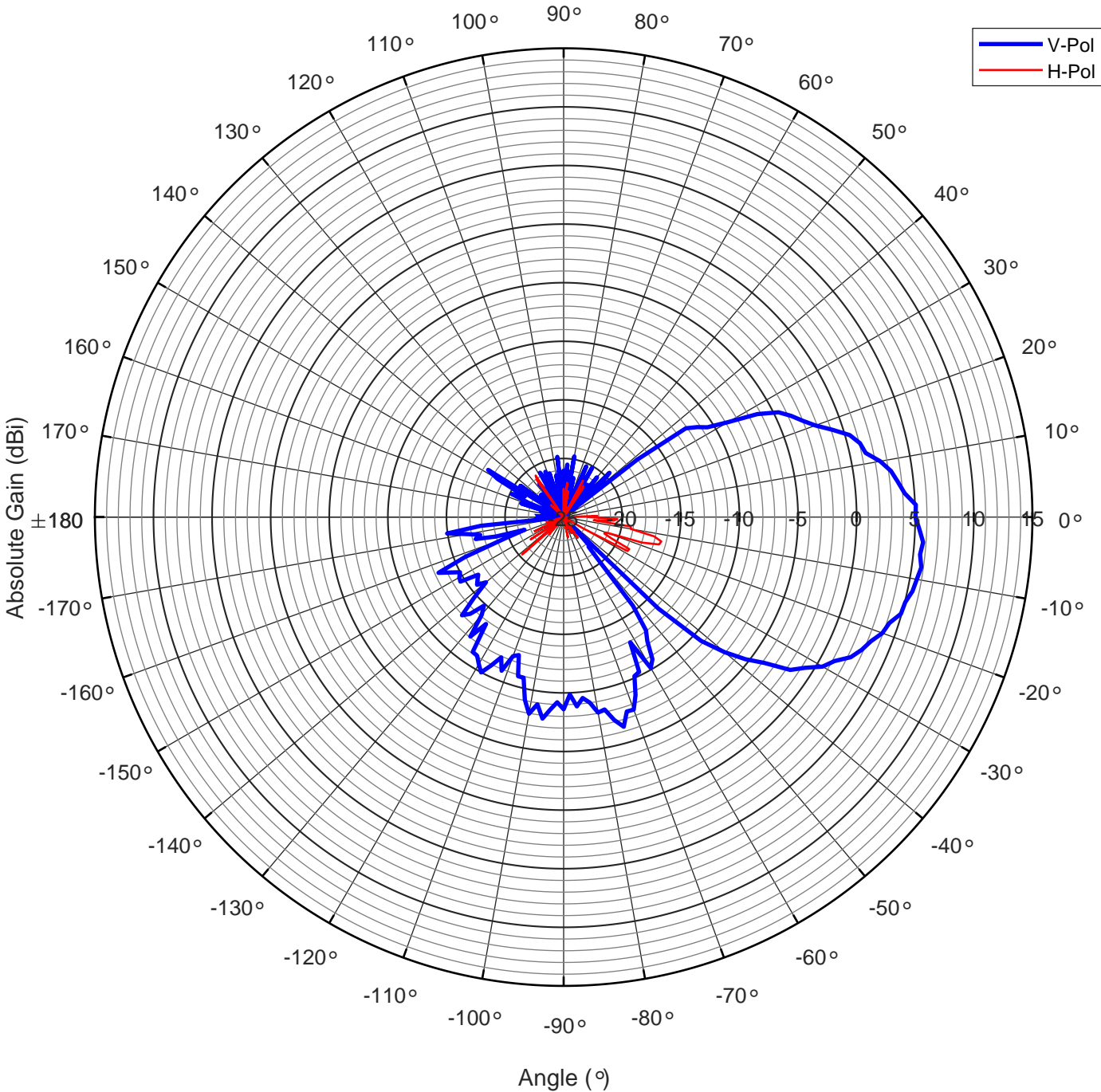
Figure #: 12

Antenna: SLM
Frequency: 24 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -7.11° -17.86°

BW1 (3dB): 33.06° 11.02°

SLL: 0.07dB 2.36dB

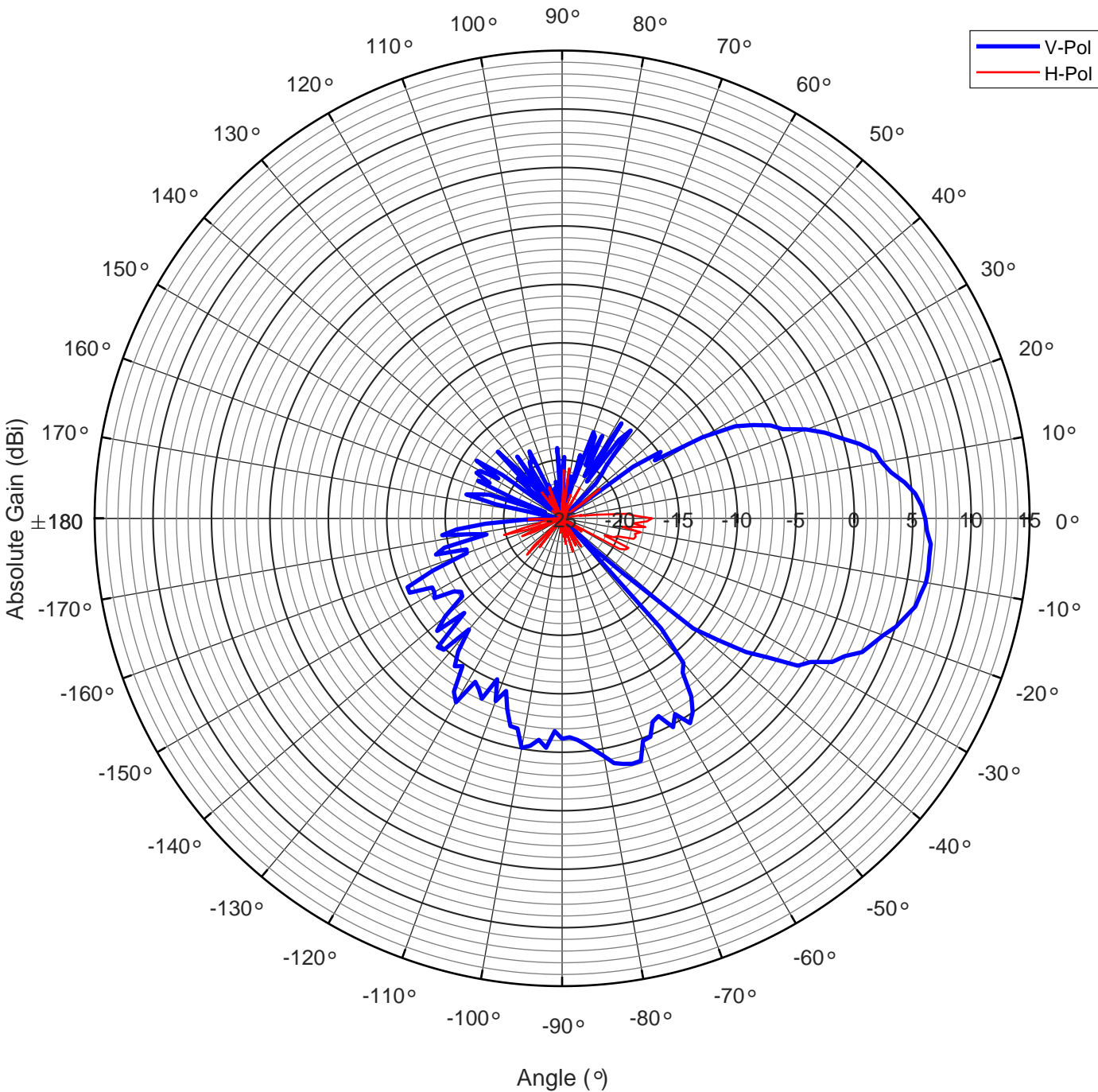


Antenna: SLM
Frequency: 24.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -6.88° -10.45°

BW1 (3dB): 29.52° 24.67°

SLL: 9.82dB 0.54dB

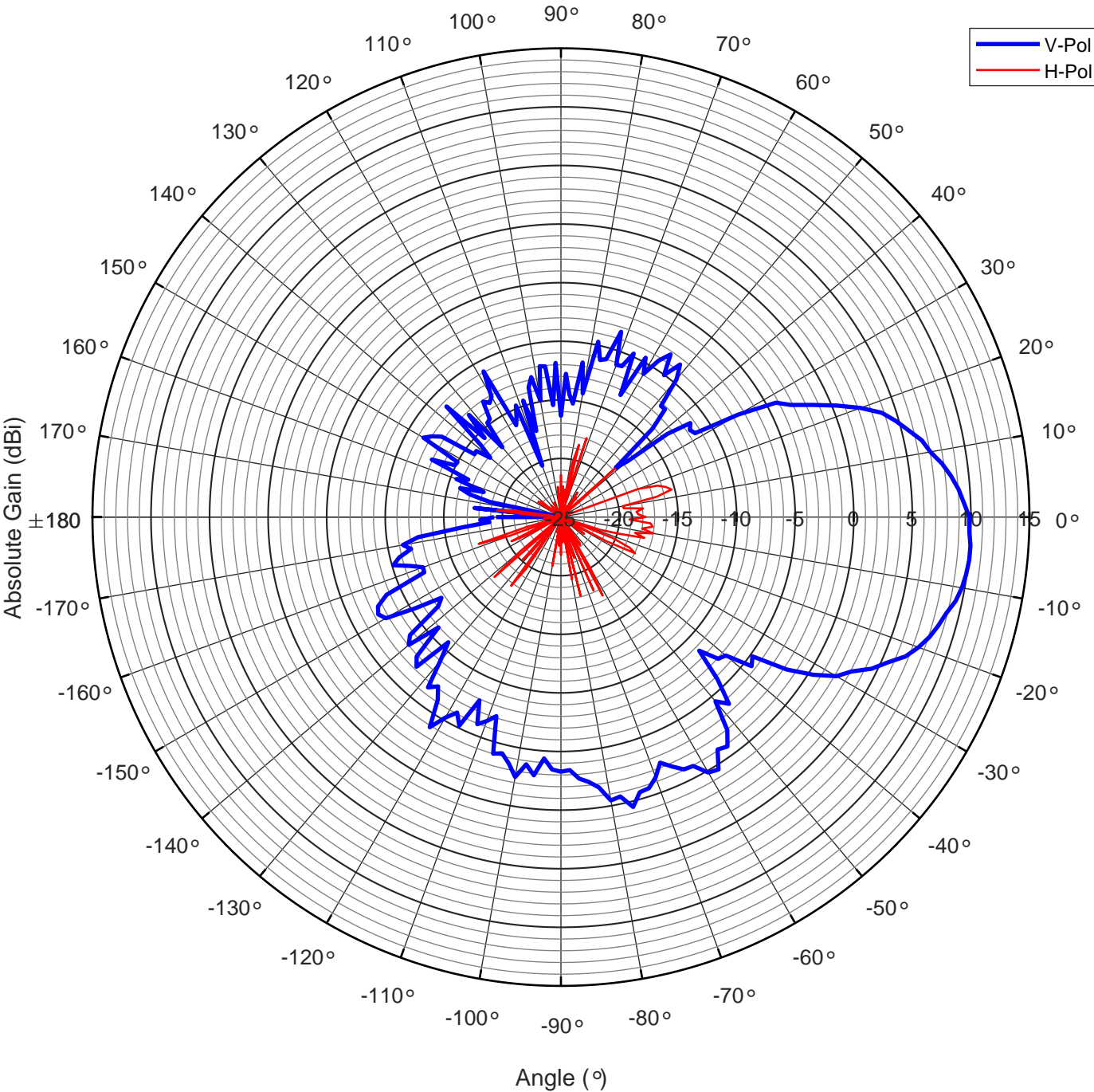


Antenna: SLM
Frequency: 25 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -4.58° 1.62°

BW1 (3dB): 31.11° 9.18°

SLL: 9.56dB 1.73dB

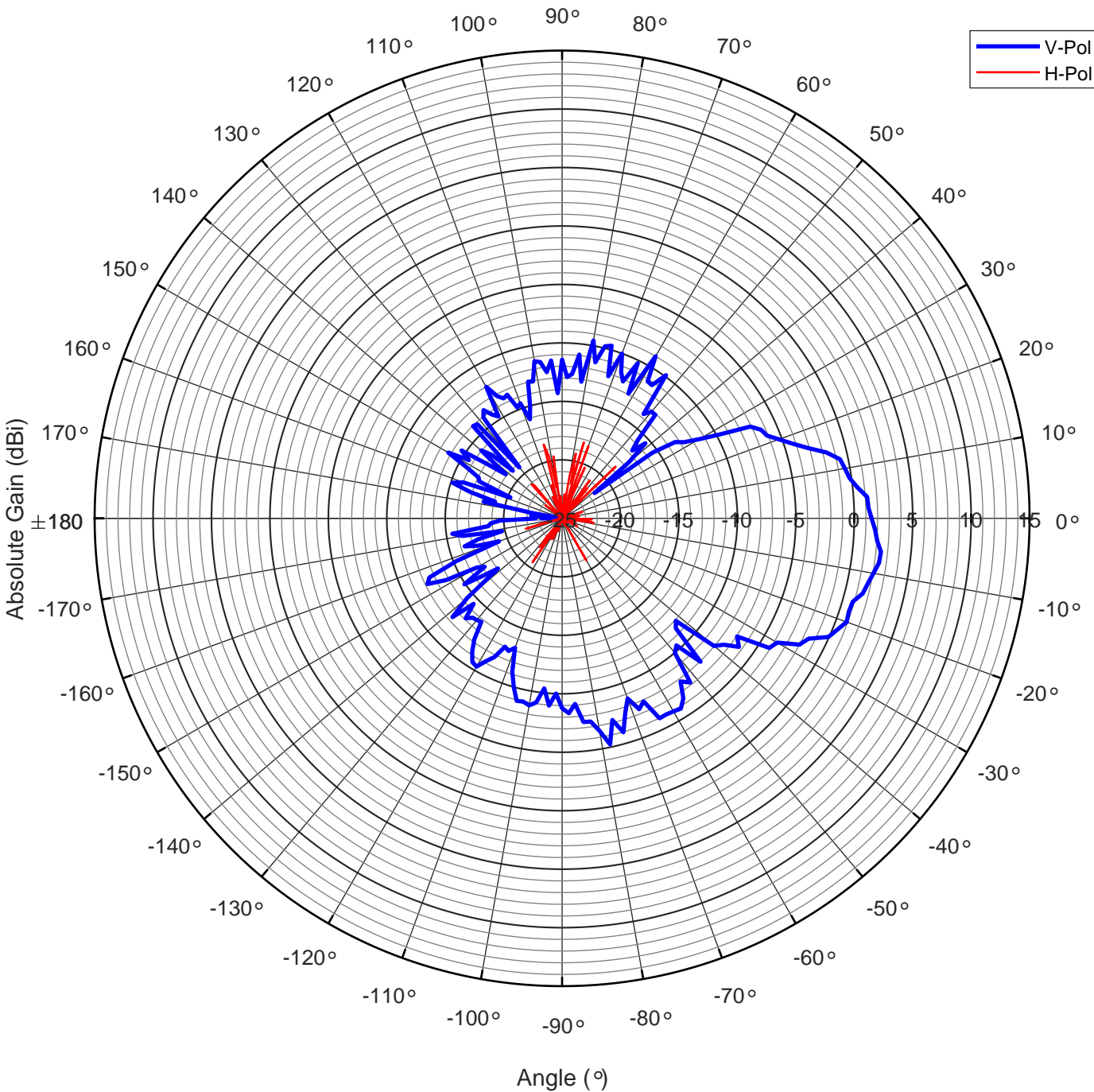


Antenna: SLM
Frequency: 25.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -6.53° 76.78°

BW1 (3dB): 35.77° 2.33°

SLL: 1.52dB 0.18dB

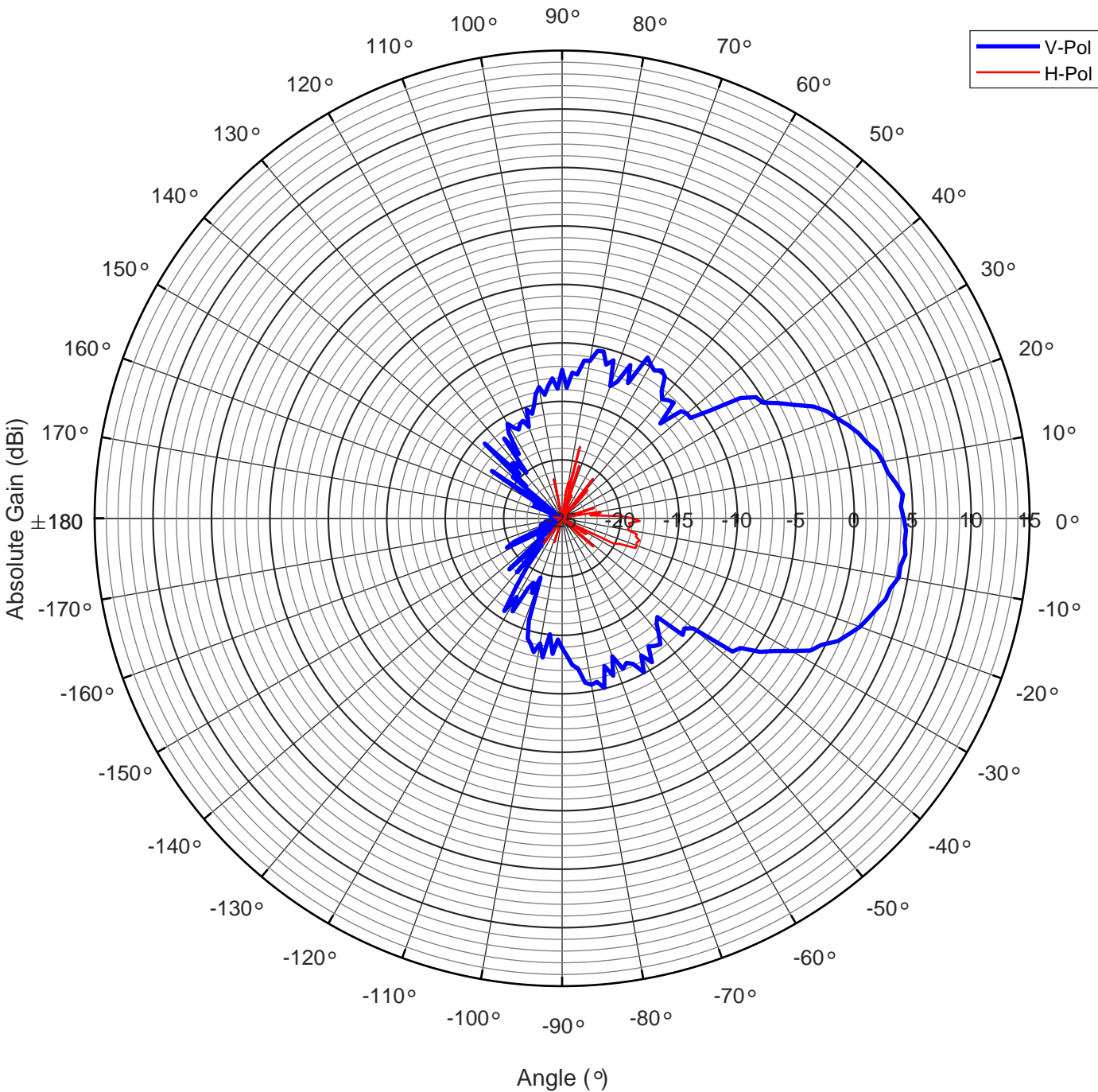


Antenna: SLM
Frequency: 26 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -2.41° -7.90°

BW1 (3dB): 37.11° 29.96°

SLL: 0.30dB 0.25dB

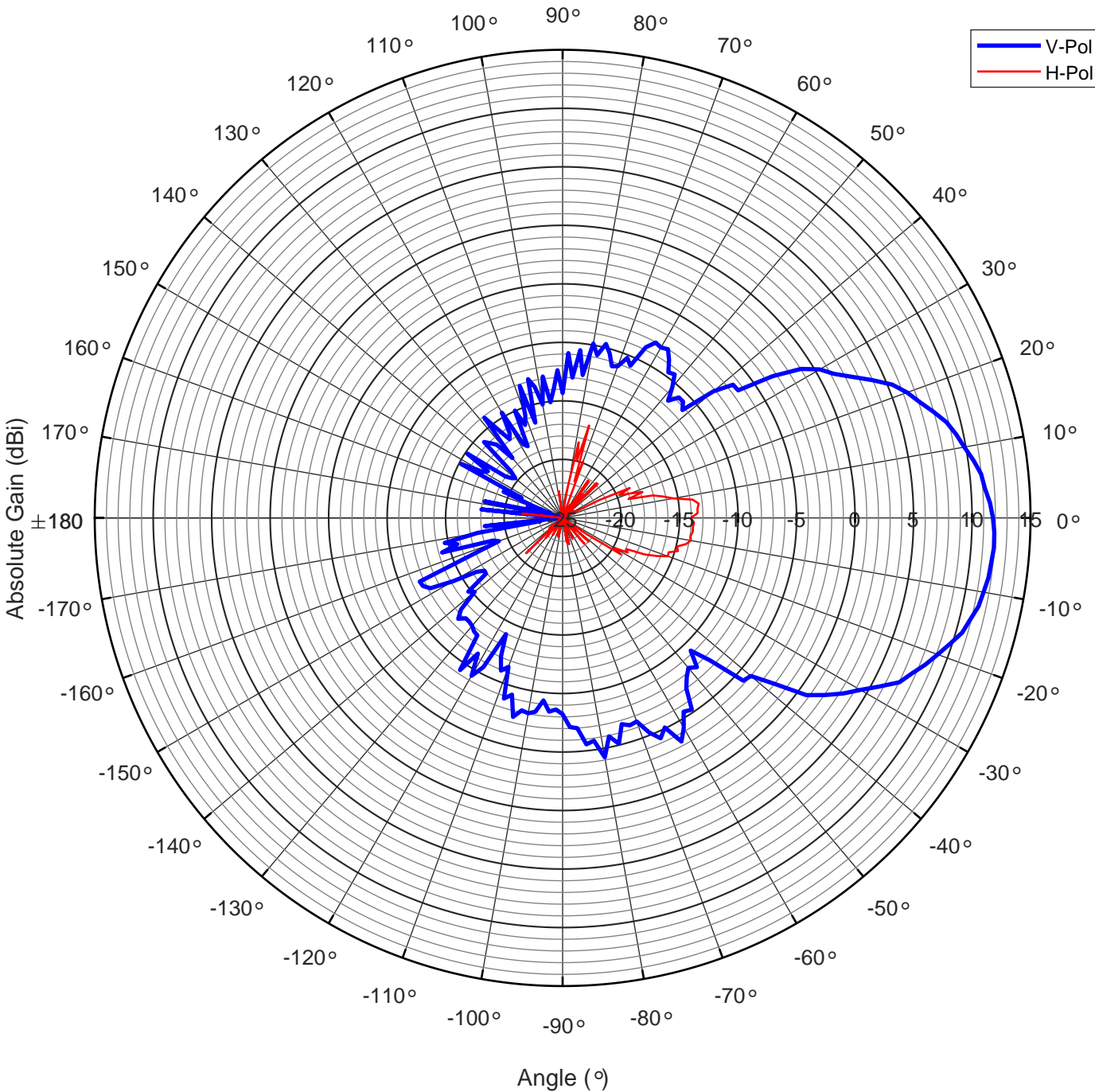


Antenna: SLM
Frequency: 26.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -3.39° -4.06°

BW1 (3dB): 33.98° 34.19°

SLL: 15.32dB 0.46dB

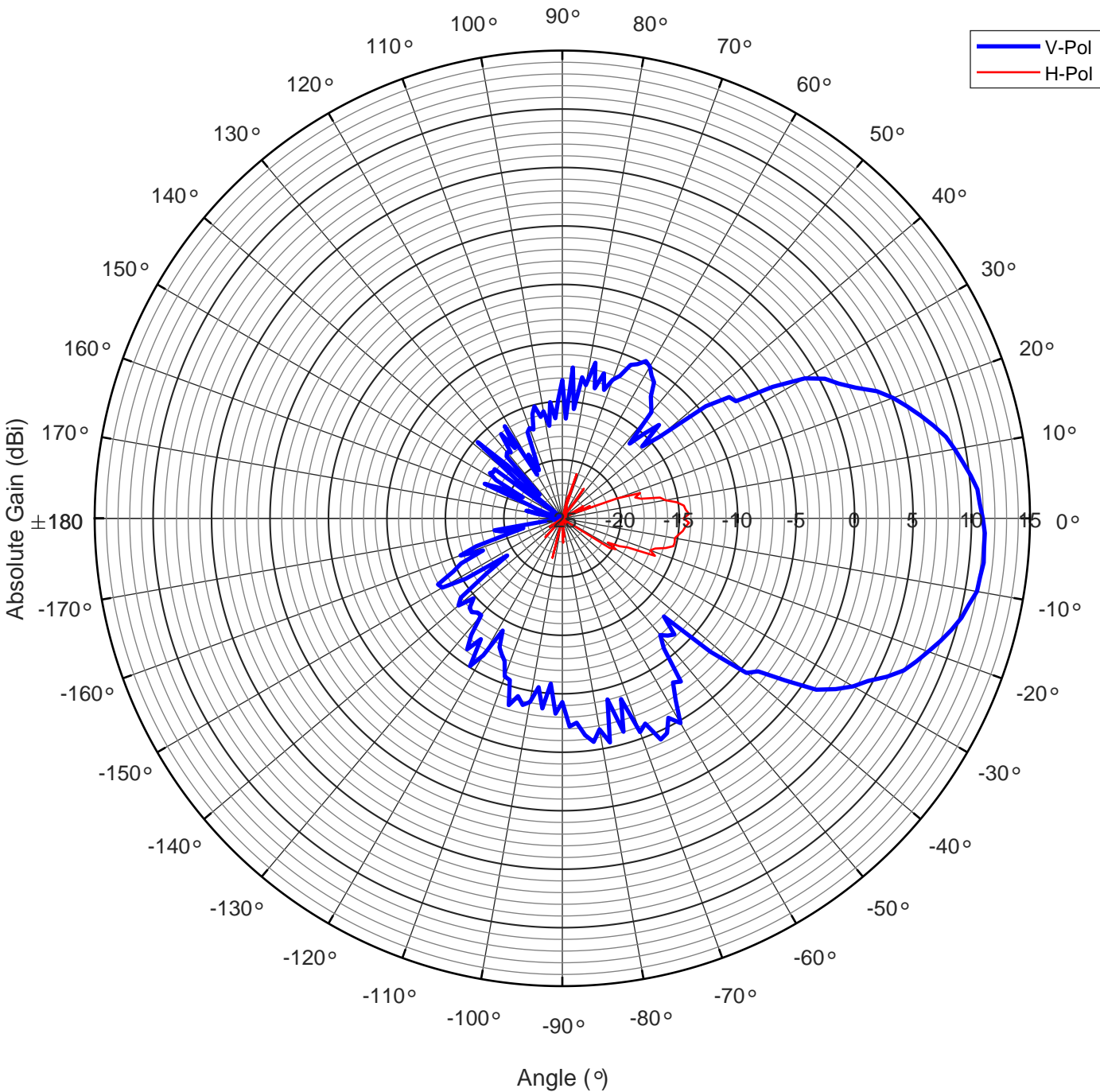


Antenna: SLM
Frequency: 27 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -3.66° -3.52°

BW1 (3dB): 32.96° 35.44°

SLL: 15.54dB 0.00dB

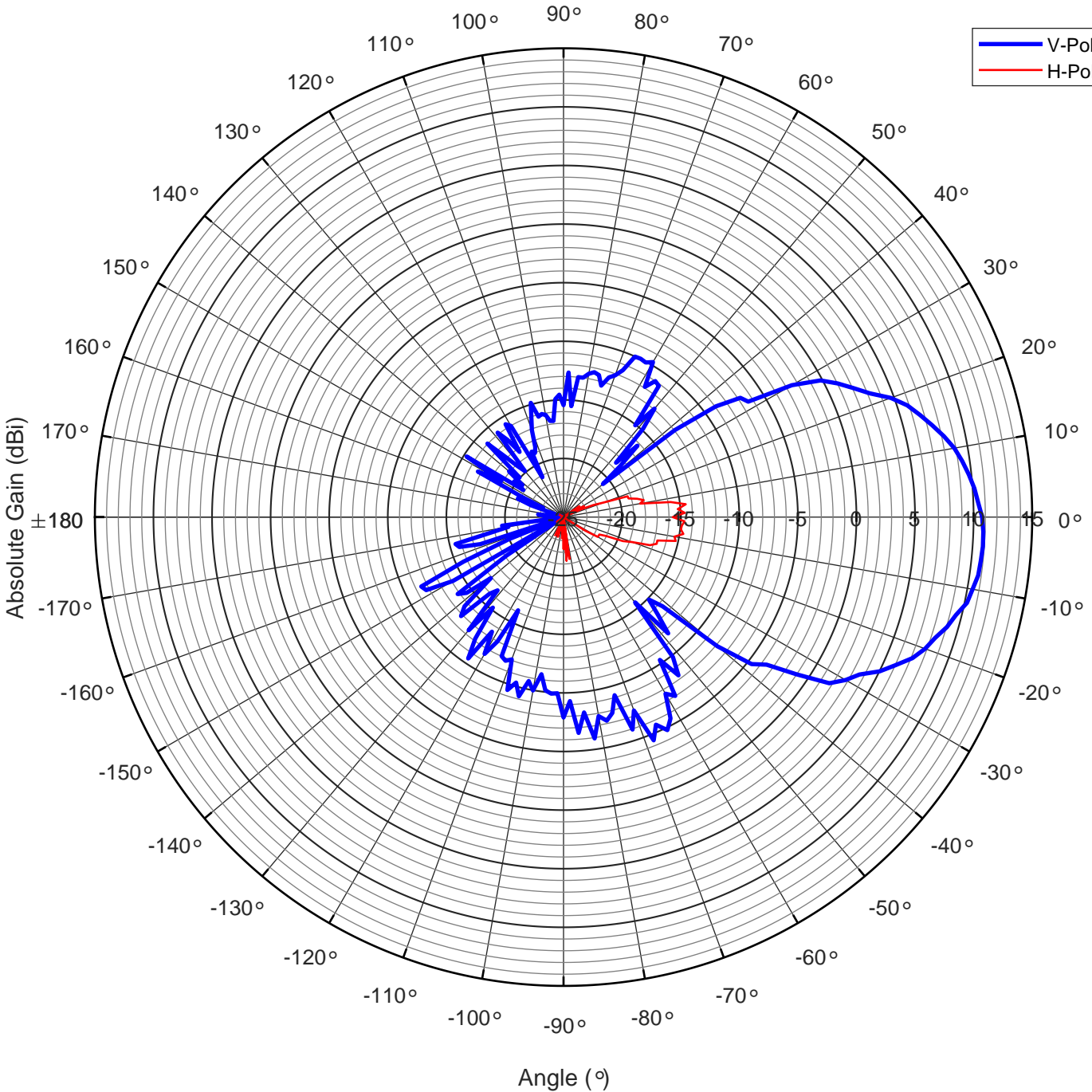


Antenna: SLM
Frequency: 27.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -3.23° -2.04°

BW1 (3dB): 32.65° 27.68°

SLL: 15.34dB 0.13dB



Antenna: SLM
Frequency: 28 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -2.80° -2.48°

BW1 (3dB): 31.12° 30.94°

SLL: 14.77dB 0.04dB

