

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

Squint (6dB): 9.30° 8.94°

BW1 (3dB): 8.66° 9.63°

SLL: 5.12dB 3.43dB

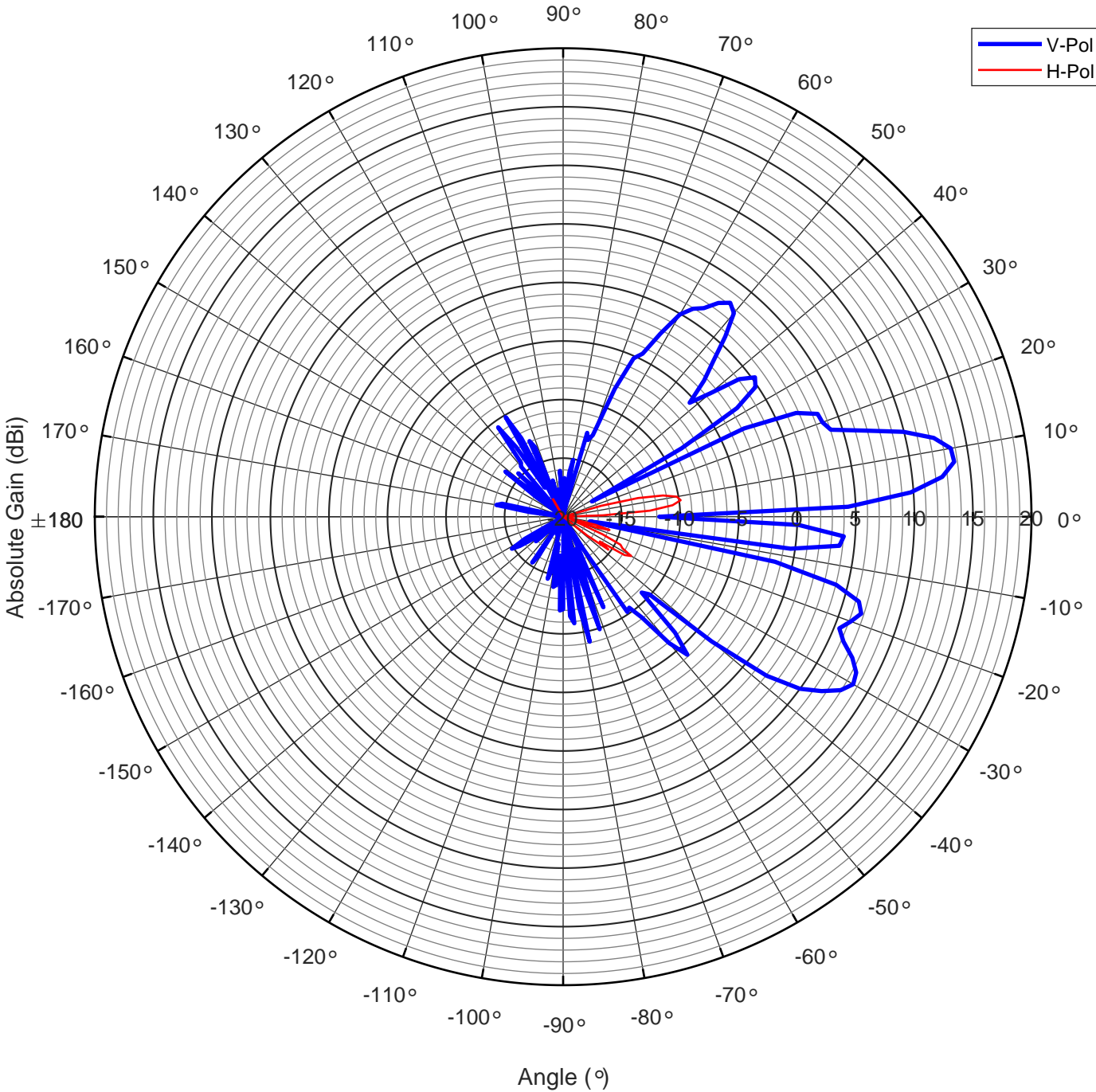


Figure #: 1

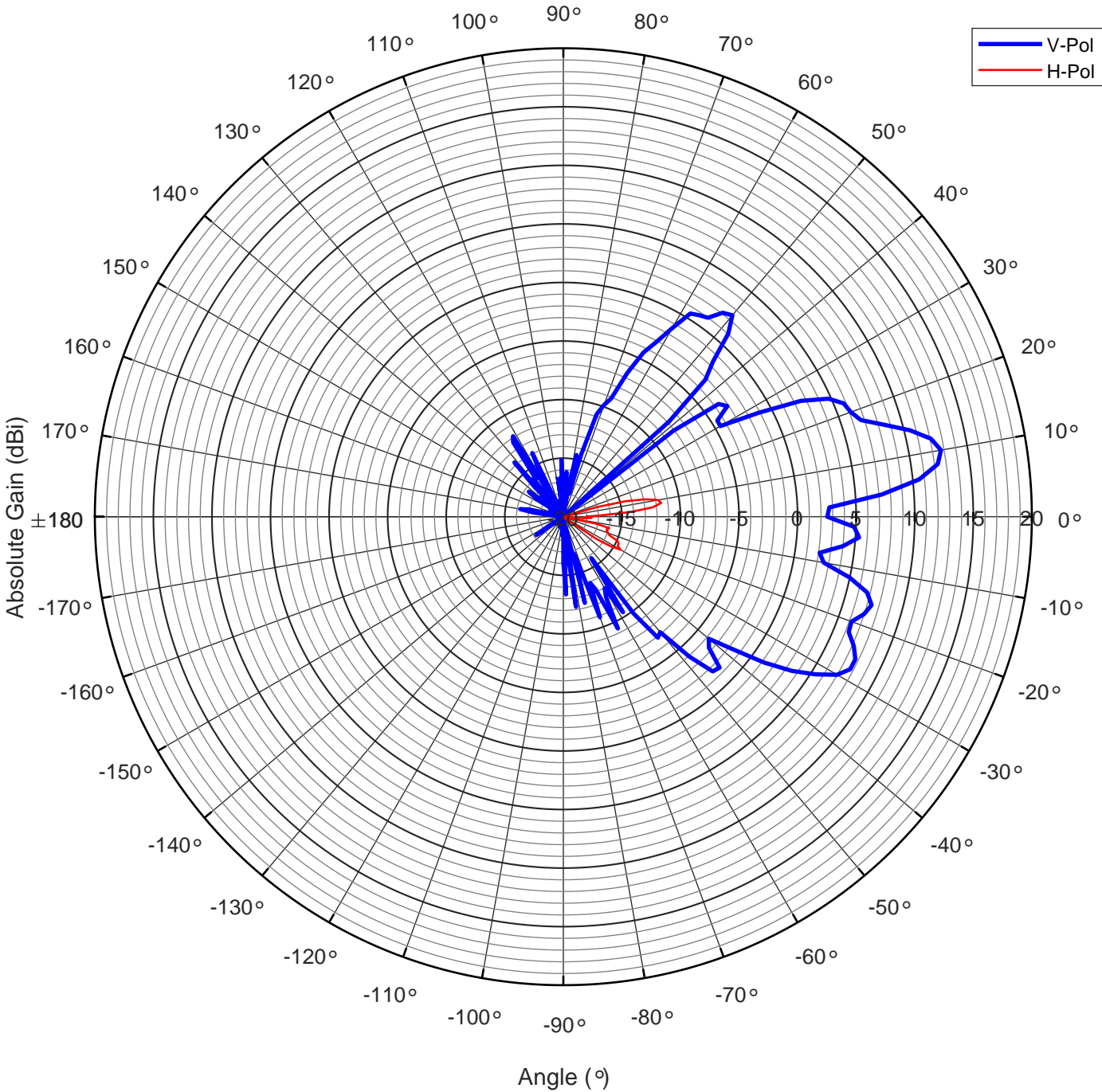
Antenna: SLM
Frequency: 18.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): 10.87° 8.57°

BW1 (3dB): 9.25° 10.28°

SLL: 5.00dB 2.80dB

Figure #: 2



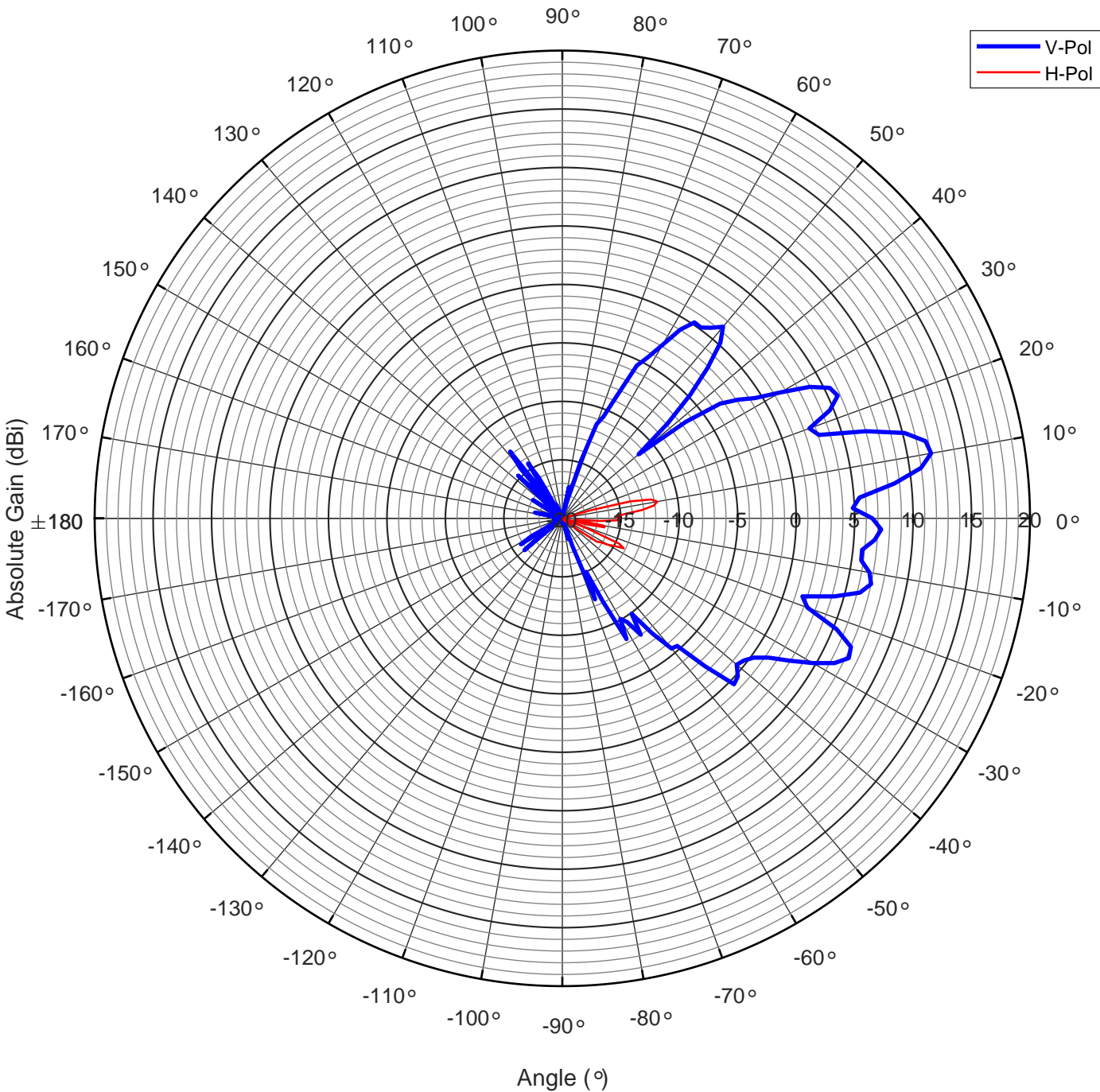
Antenna: SLM
Frequency: 19 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): 10.43° 5.59°

BW1 (3dB): 8.34° 10.82°

SLL: 4.74dB 2.40dB

Figure #: 3



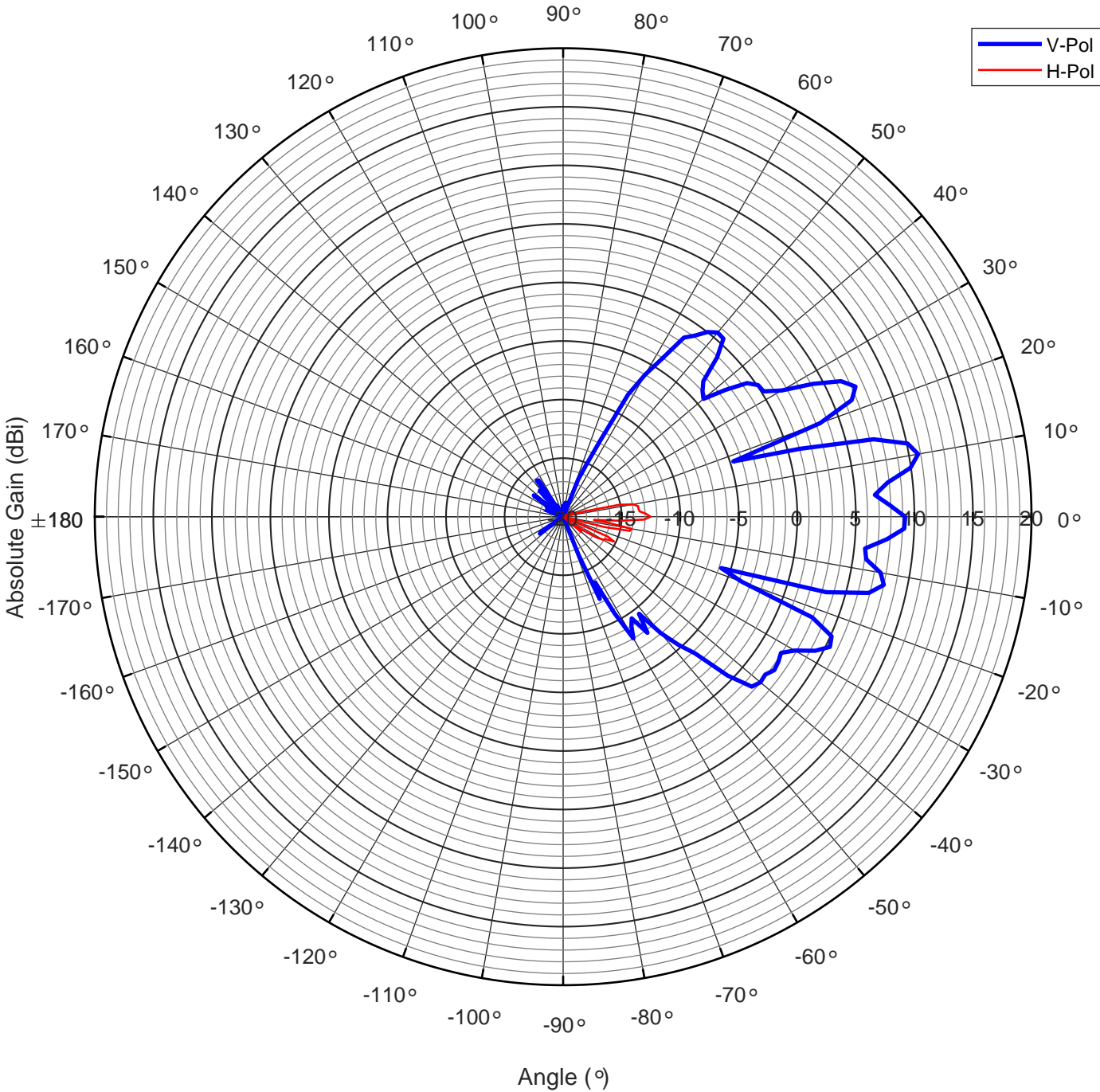
Antenna: SLM
Frequency: 19.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -0.19° -0.48°

BW1 (3dB): 7.78° 16.69°

SLL: 1.58dB 1.54dB

Figure #: 4



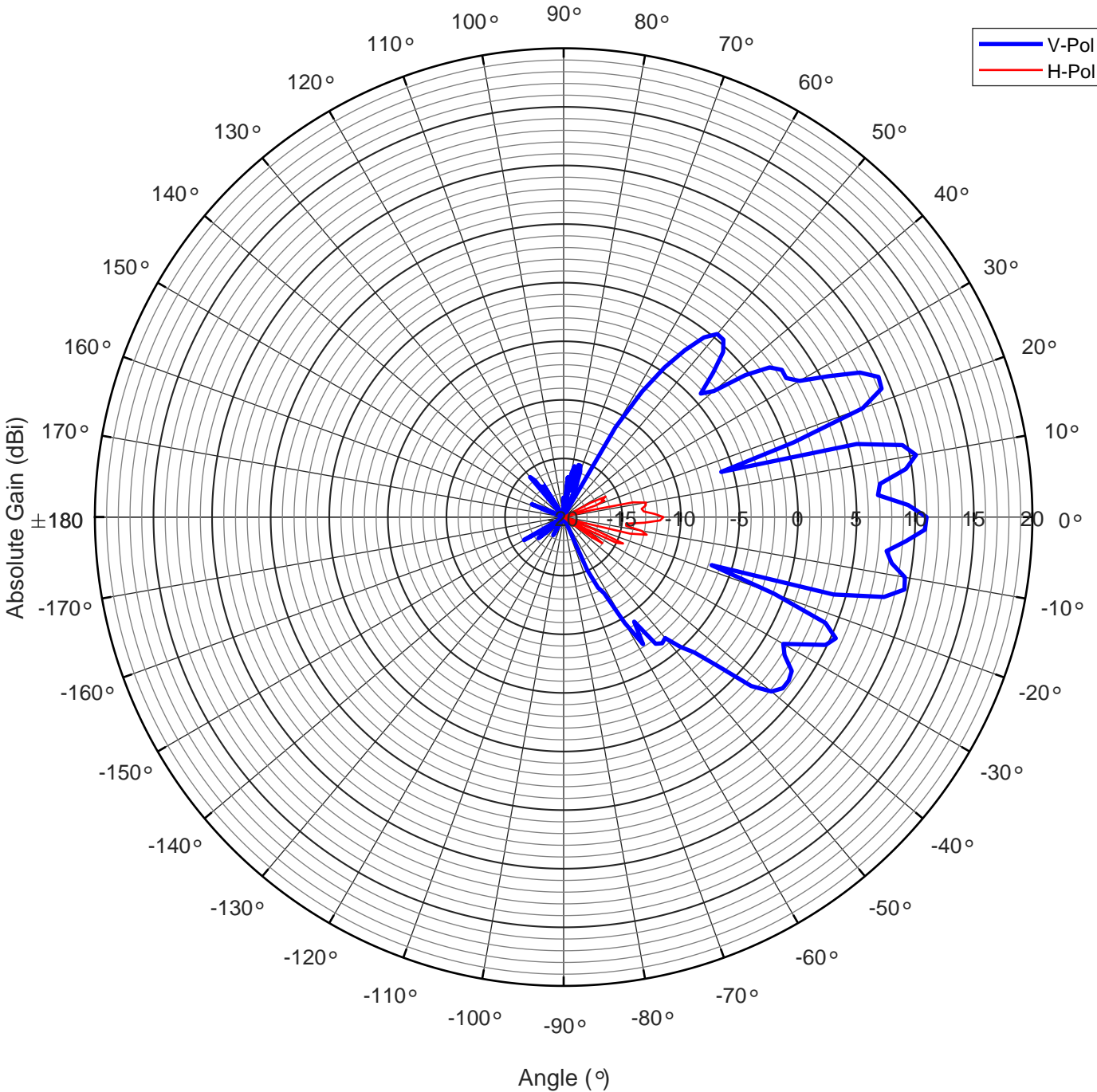
Antenna: SLM
Frequency: 20 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -0.69° -0.81°

BW1 (3dB): 8.82° 18.09°

SLL: 0.44dB 1.27dB

Figure #: 5

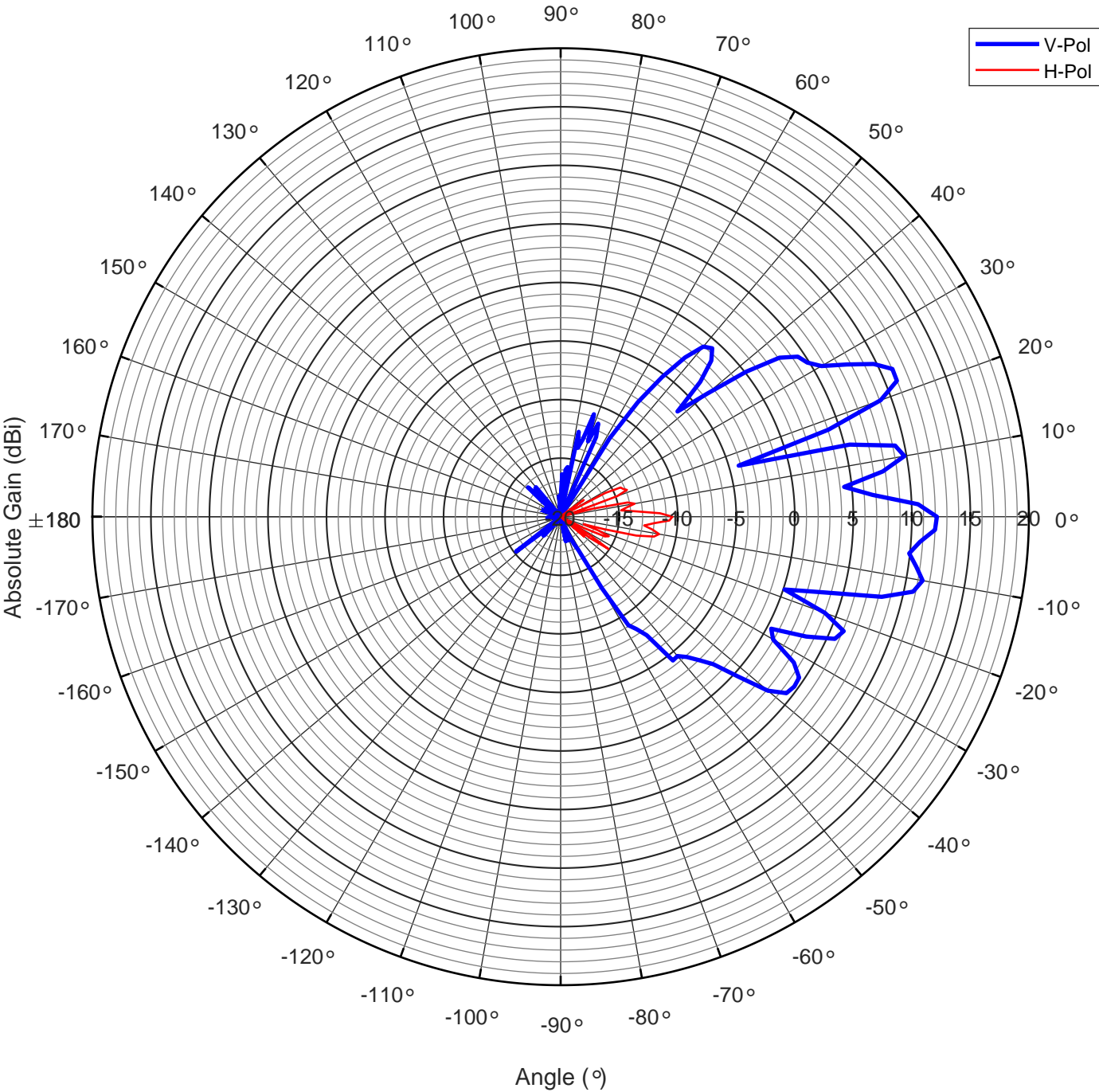


Antenna: SLM
Frequency: 20.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -5.20° -1.41°

BW1 (3dB): 16.04° 18.03°

SLL: 0.74dB 1.01dB

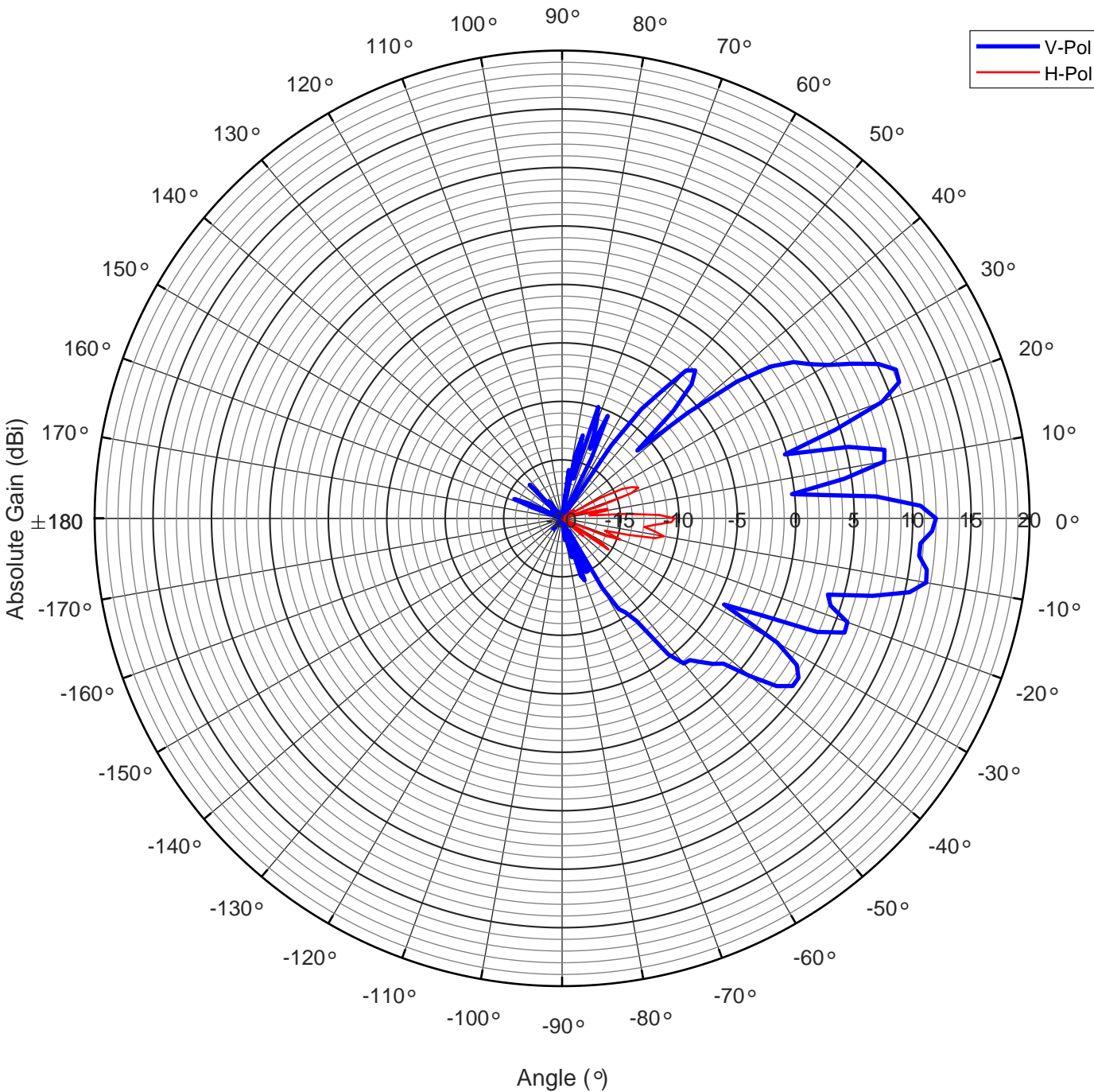


Antenna: SLM
Frequency: 21 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -5.25° -8.52°

BW1 (3dB): 15.84° 16.53°

SLL: 0.36dB 0.78dB

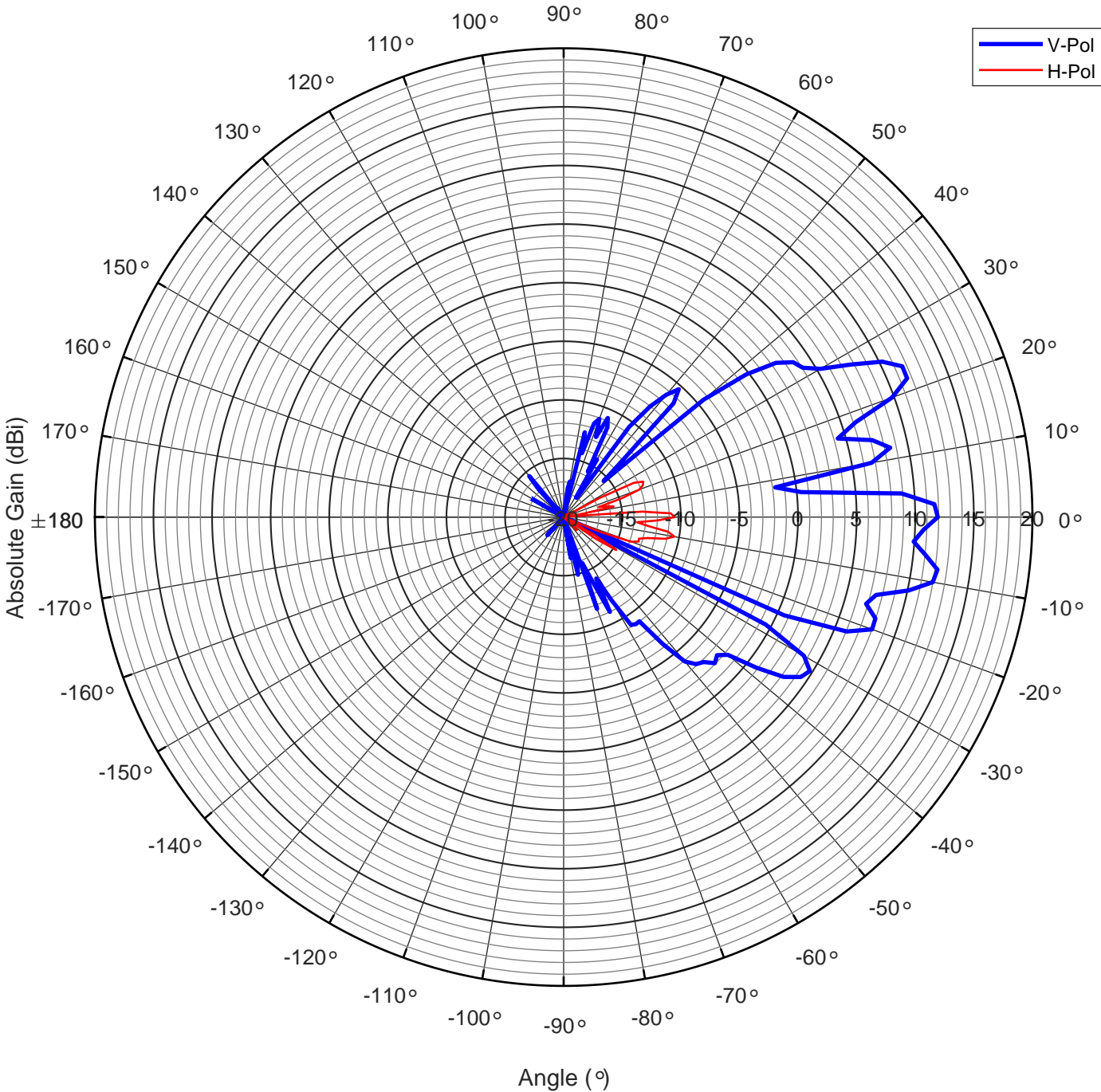


Antenna: SLM
Frequency: 21.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -8.60° -8.40°

BW1 (3dB): 16.46° 13.87°

SLL: 0.28dB 0.11dB

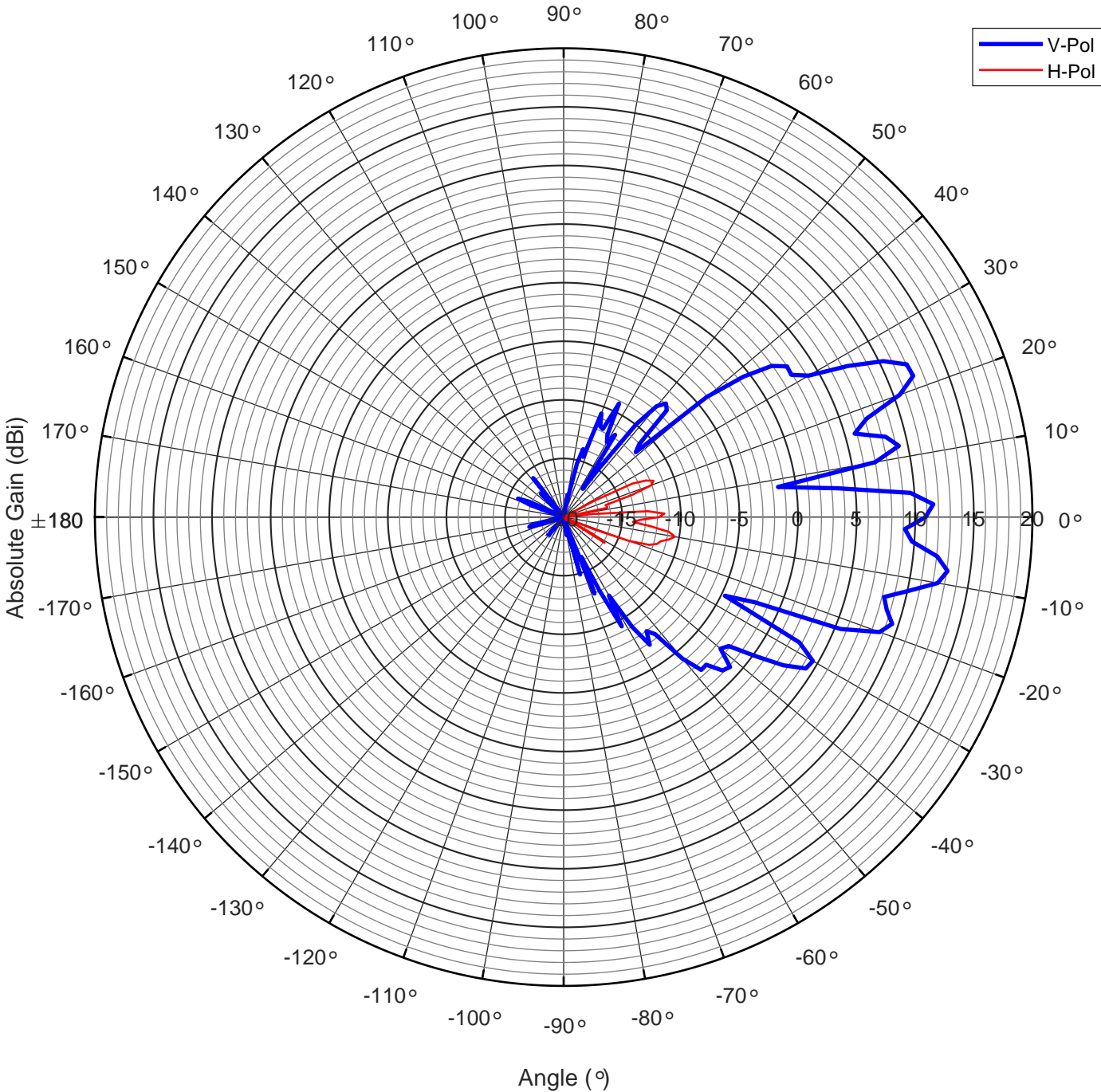


Antenna: SLM
Frequency: 22 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -8.08° -7.96°

BW1 (3dB): 7.84° 14.26°

SLL: 0.91dB 1.04dB



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

Squint (6dB): -7.41° -11.62°

BW1 (3dB): 8.36° 13.43°

SLL: 0.92dB 2.53dB

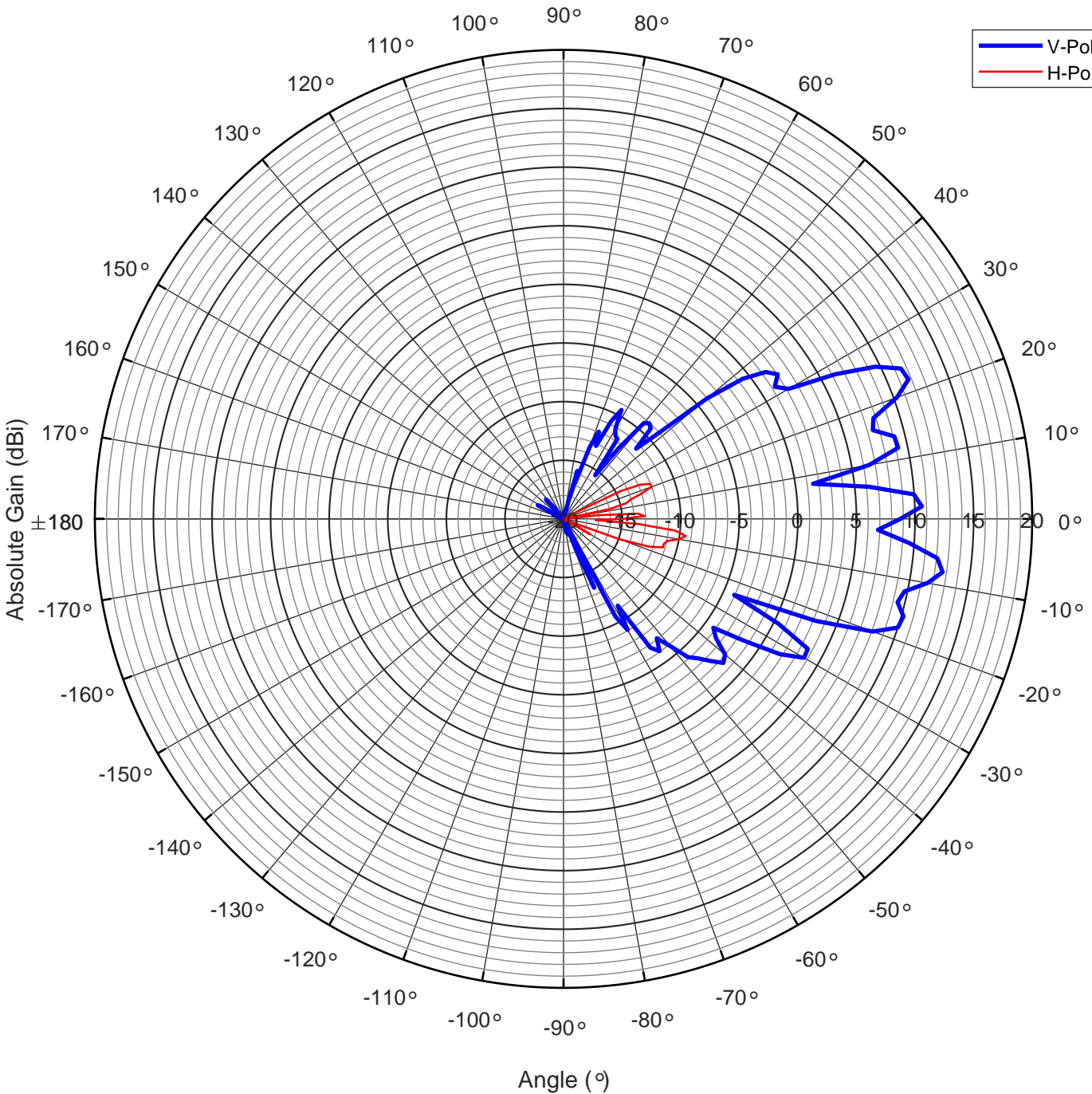


Figure #: 10

Printed Horn Array SLM

04-Apr-2022

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

Squint (6dB): -11.71° -12.38°

BW1 (3dB): 15.08° 13.57°

SLL: 0.55dB 0.05dB

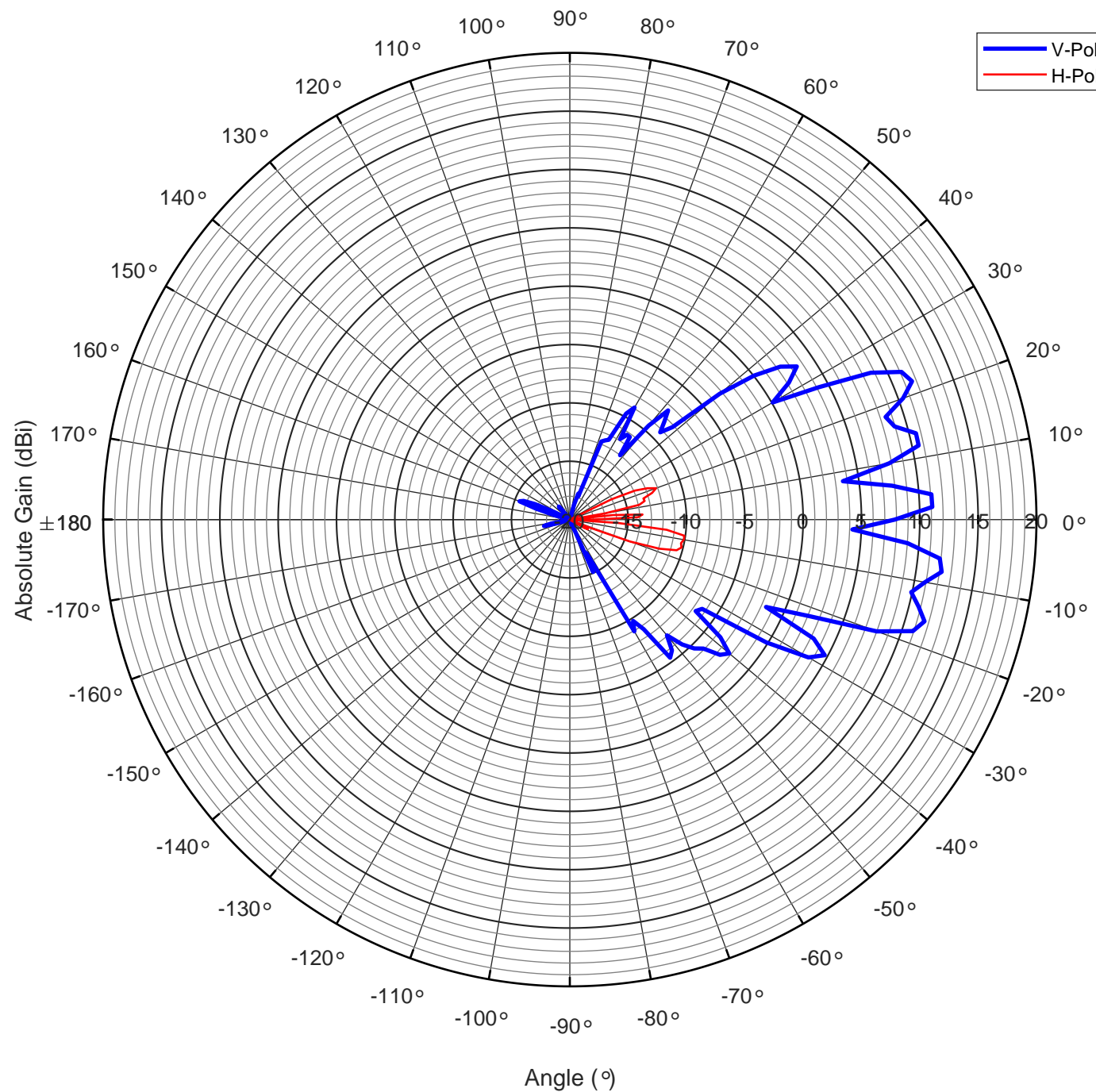


Figure #: 11

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

Squint (6dB): -12.04° -12.20°

BW1 (3dB): 14.26° 14.08°

SLL: 0.22dB 0.31dB

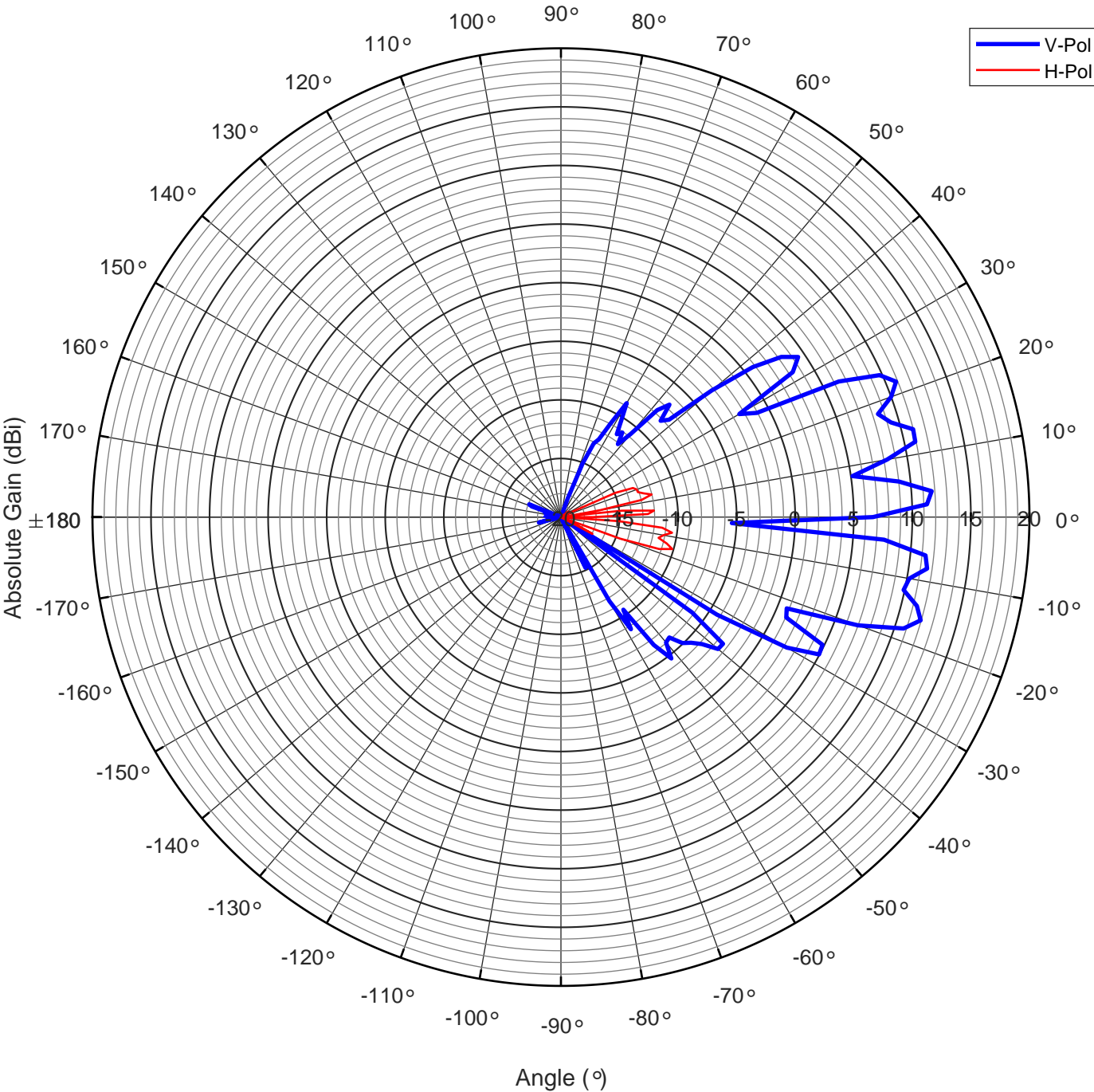


Figure #: 12

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

Squint (6dB): 12.51° -12.21°

BW1 (3dB): 5.71° 15.98°

SLL: 0.21dB 0.43dB

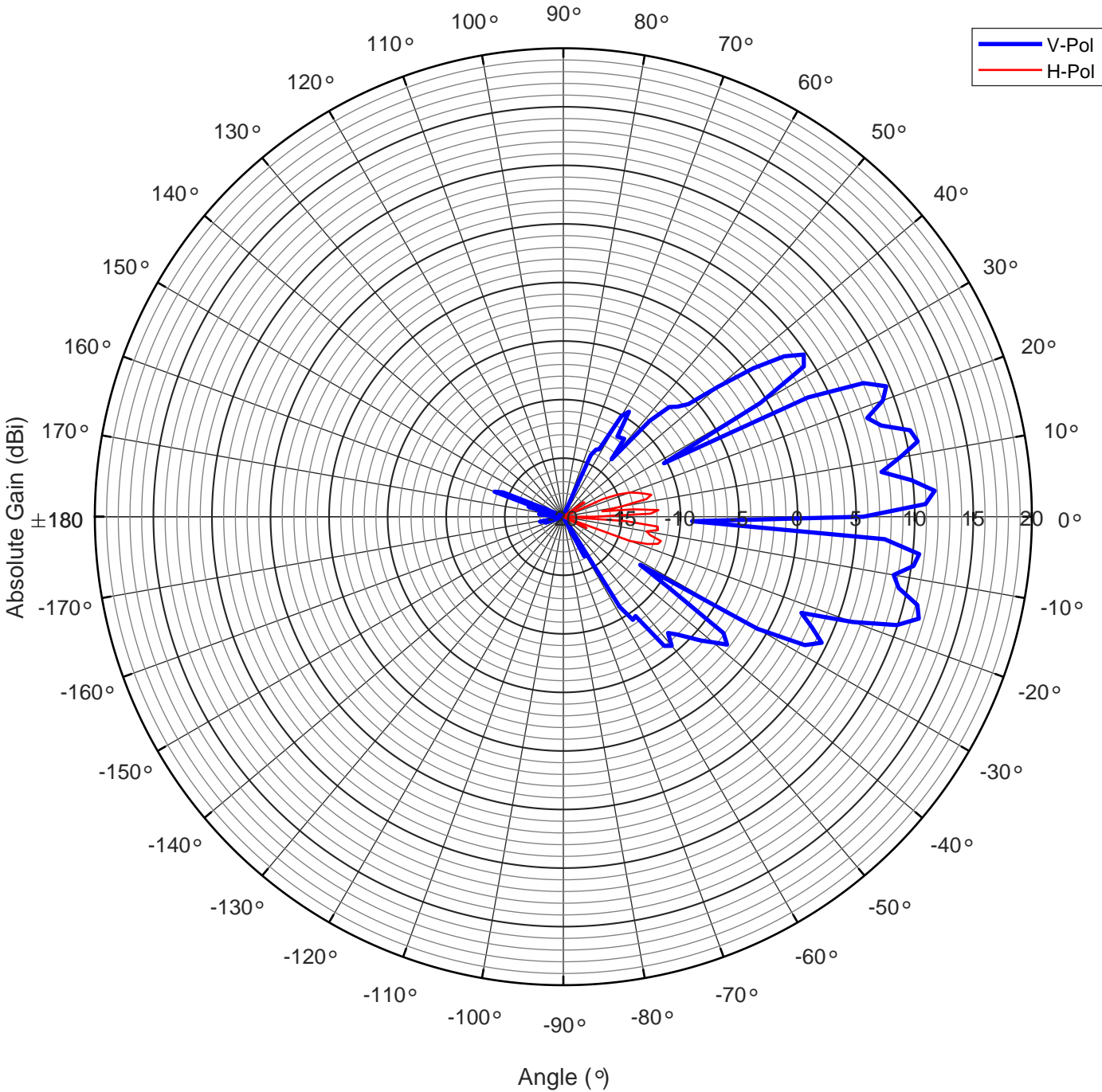


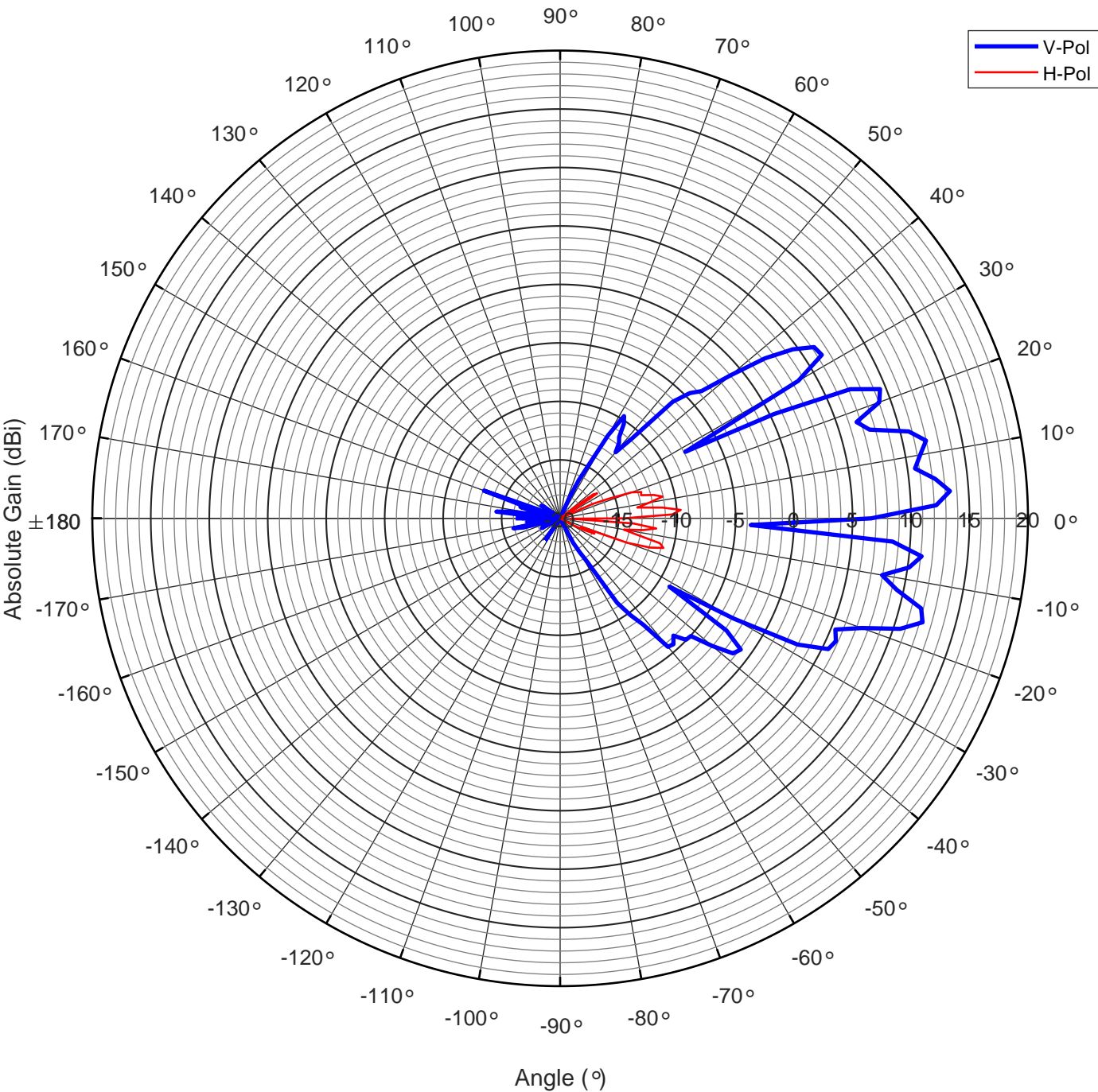
Figure #: 13

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

Squint (6dB): 8.28° 10.86°

BW1 (3dB): 12.83° 6.44°

SLL: 1.17dB 1.16dB



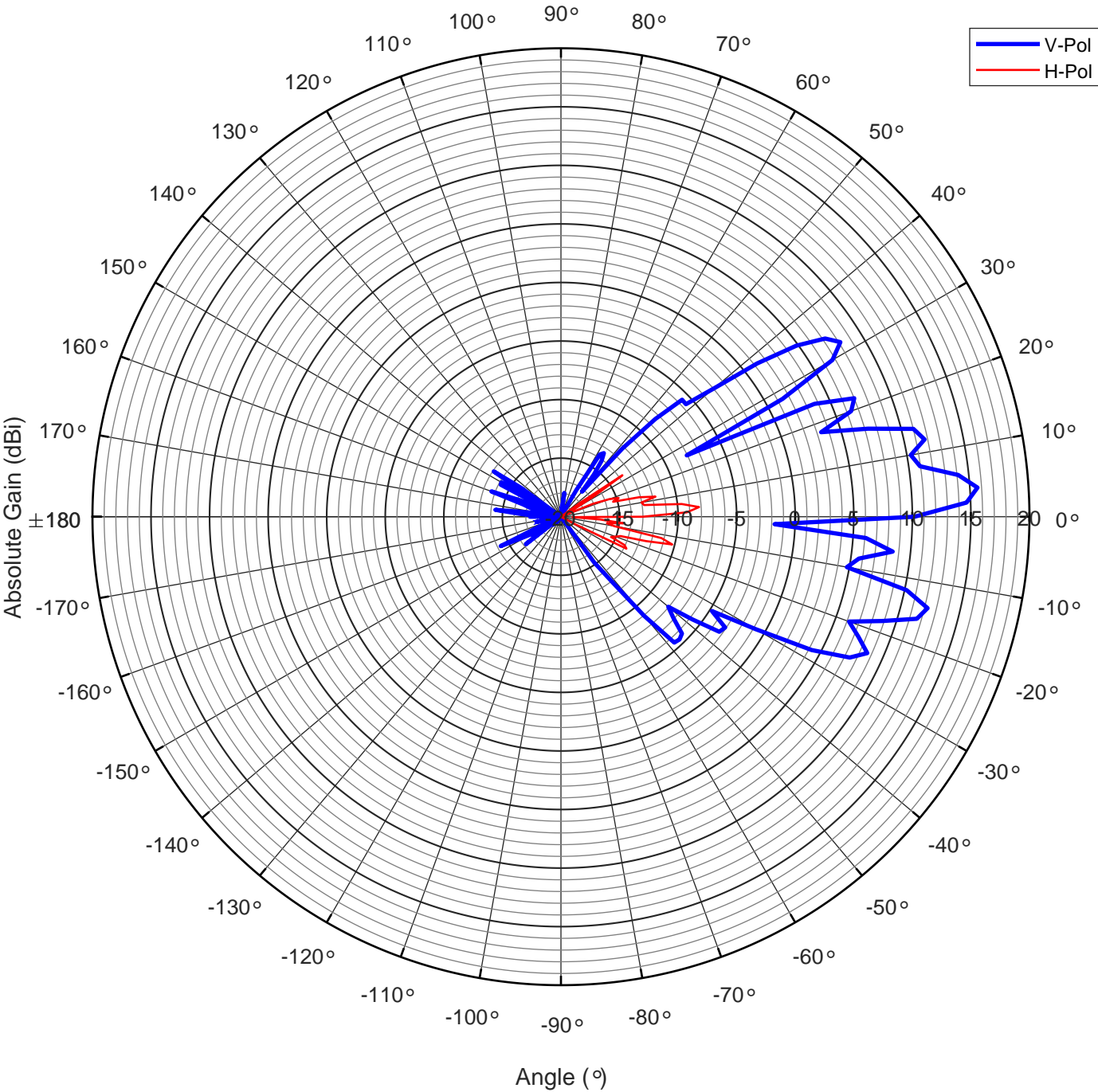
Antenna: SLM
Frequency: 25 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): 7.32° 7.27°

BW1 (3dB): 5.82° 6.00°

SLL: 3.39dB 2.03dB

Figure #: 15

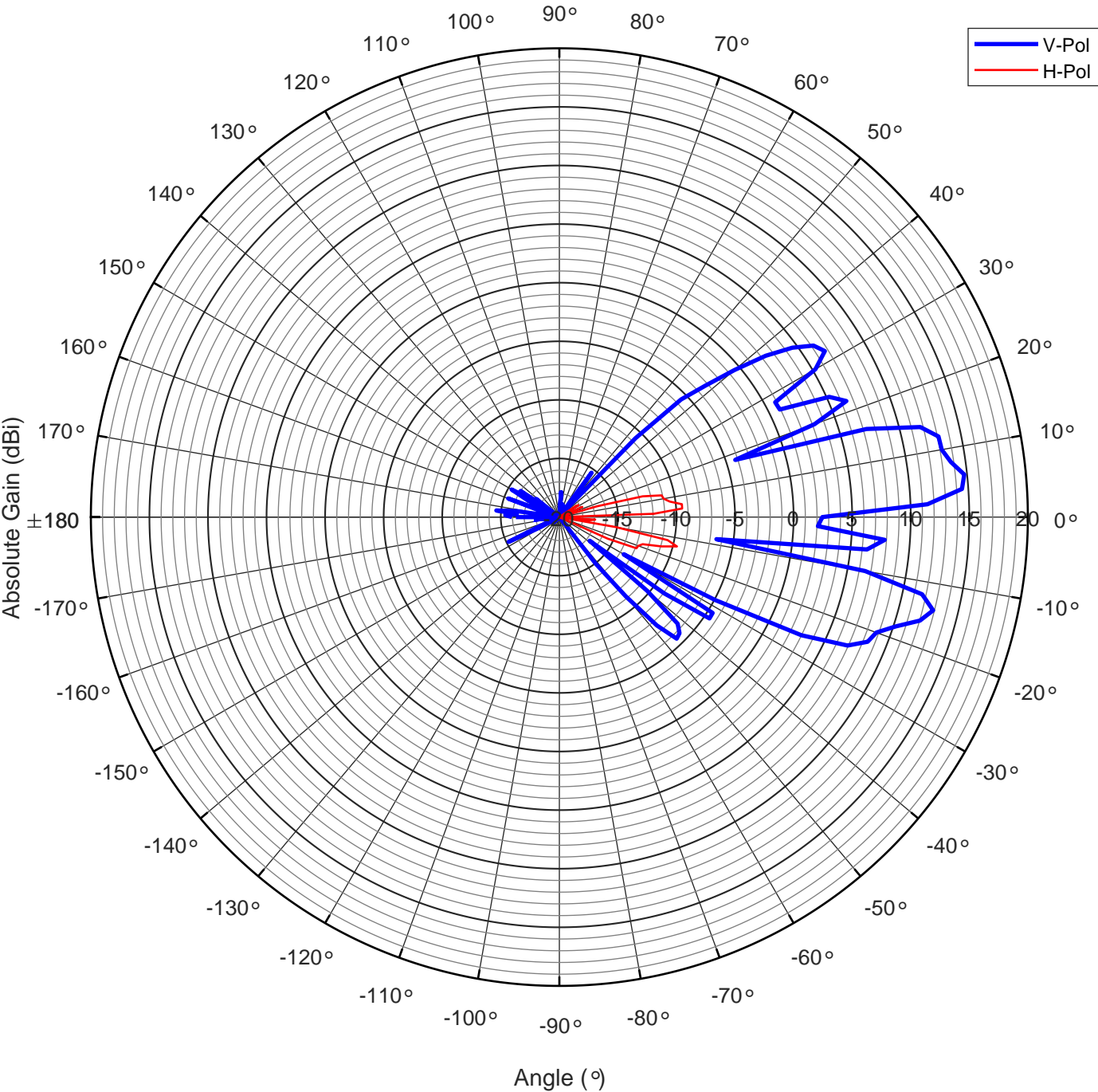


Antenna: SLM
Frequency: 25.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): 8.37° 8.27°

BW1 (3dB): 11.79° 11.90°

SLL: 1.87dB 0.17dB

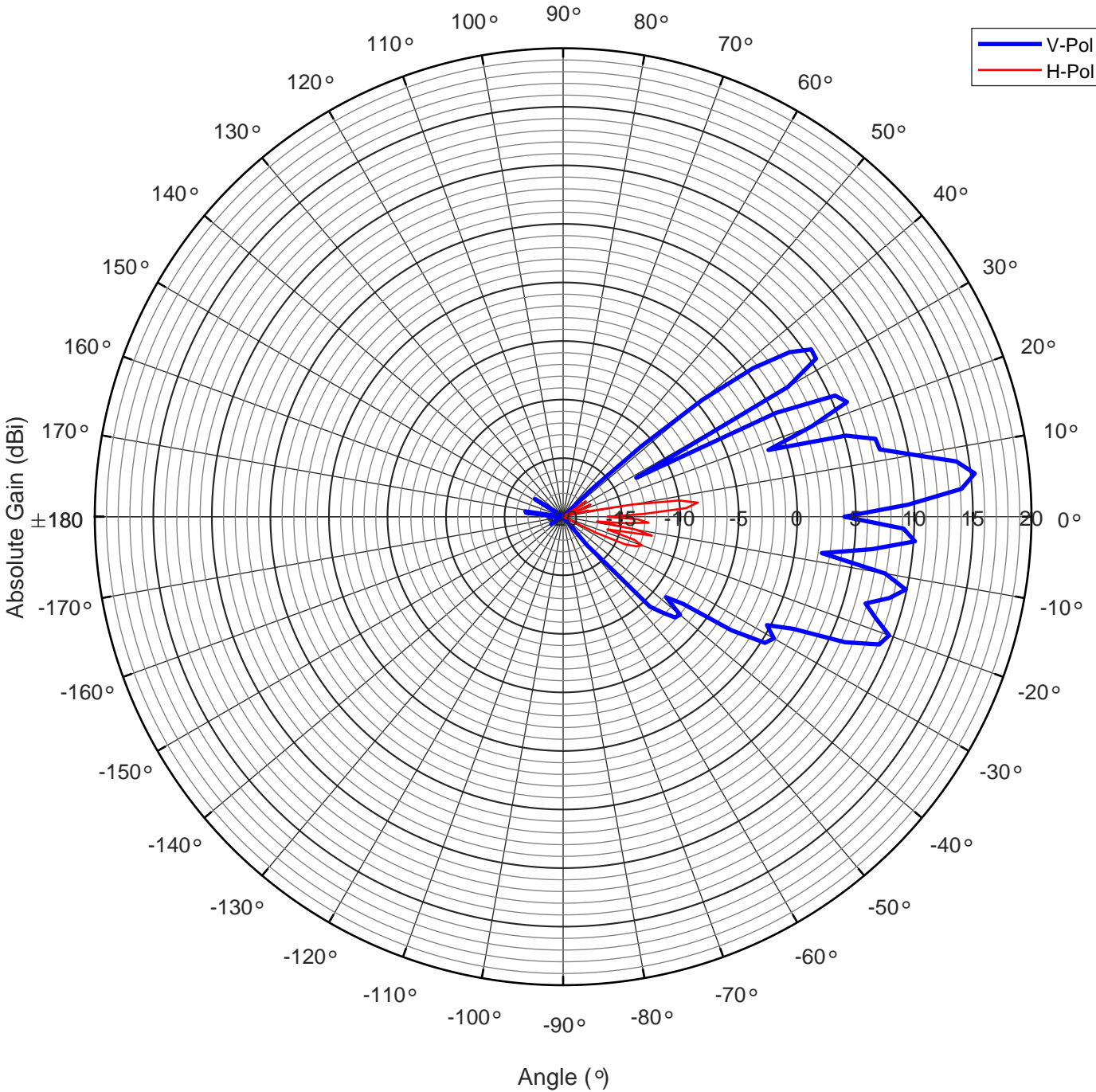


Antenna: SLM
Frequency: 26 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): 6.36° 5.68°

BW1 (3dB): 5.66° 5.78°

SLL: 5.23dB 3.81dB



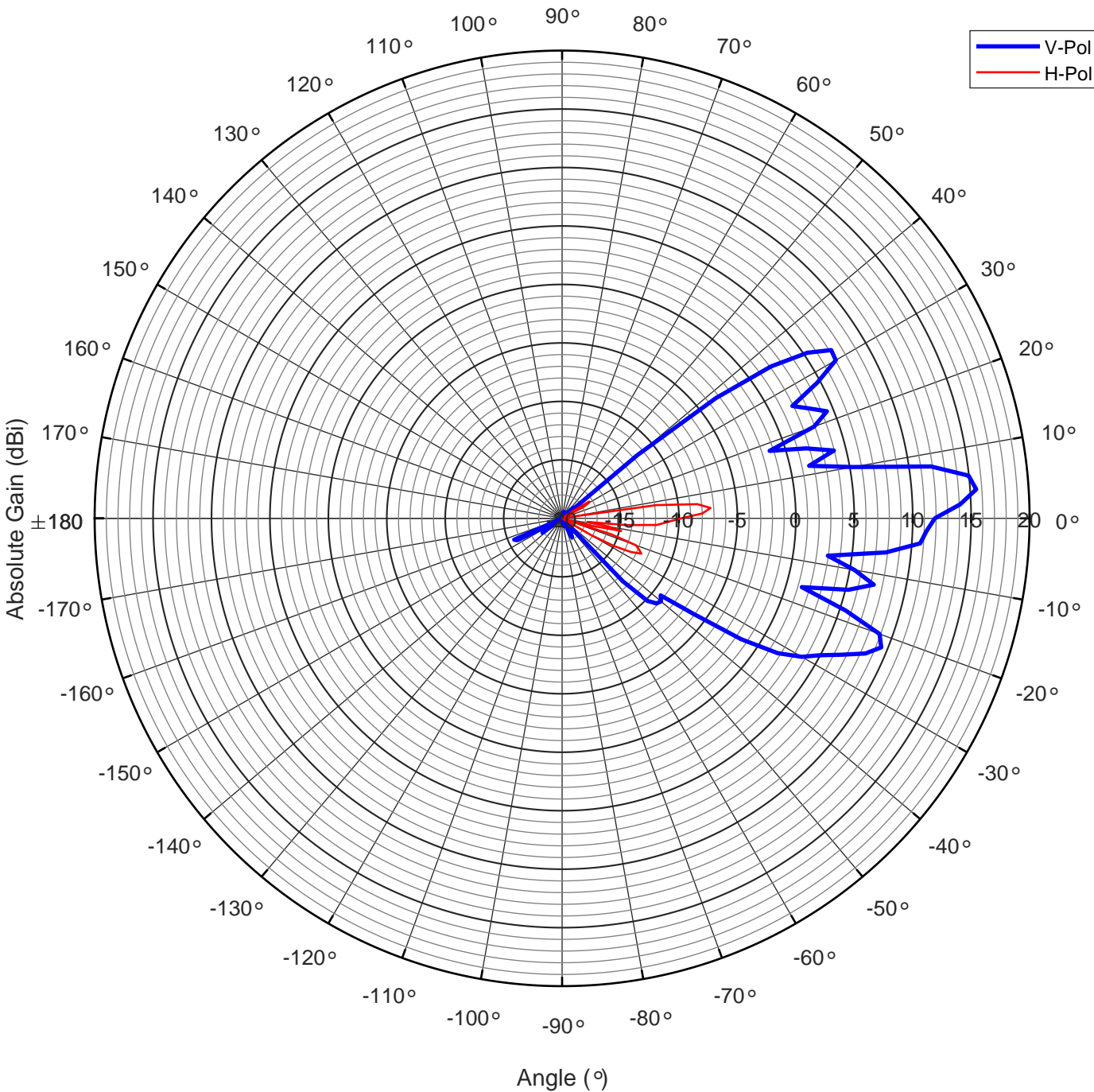
Antenna: SLM
Frequency: 26.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): 1.94° 1.67°

BW1 (3dB): 7.01° 7.87°

SLL: 6.07dB 5.31dB

Figure #: 18

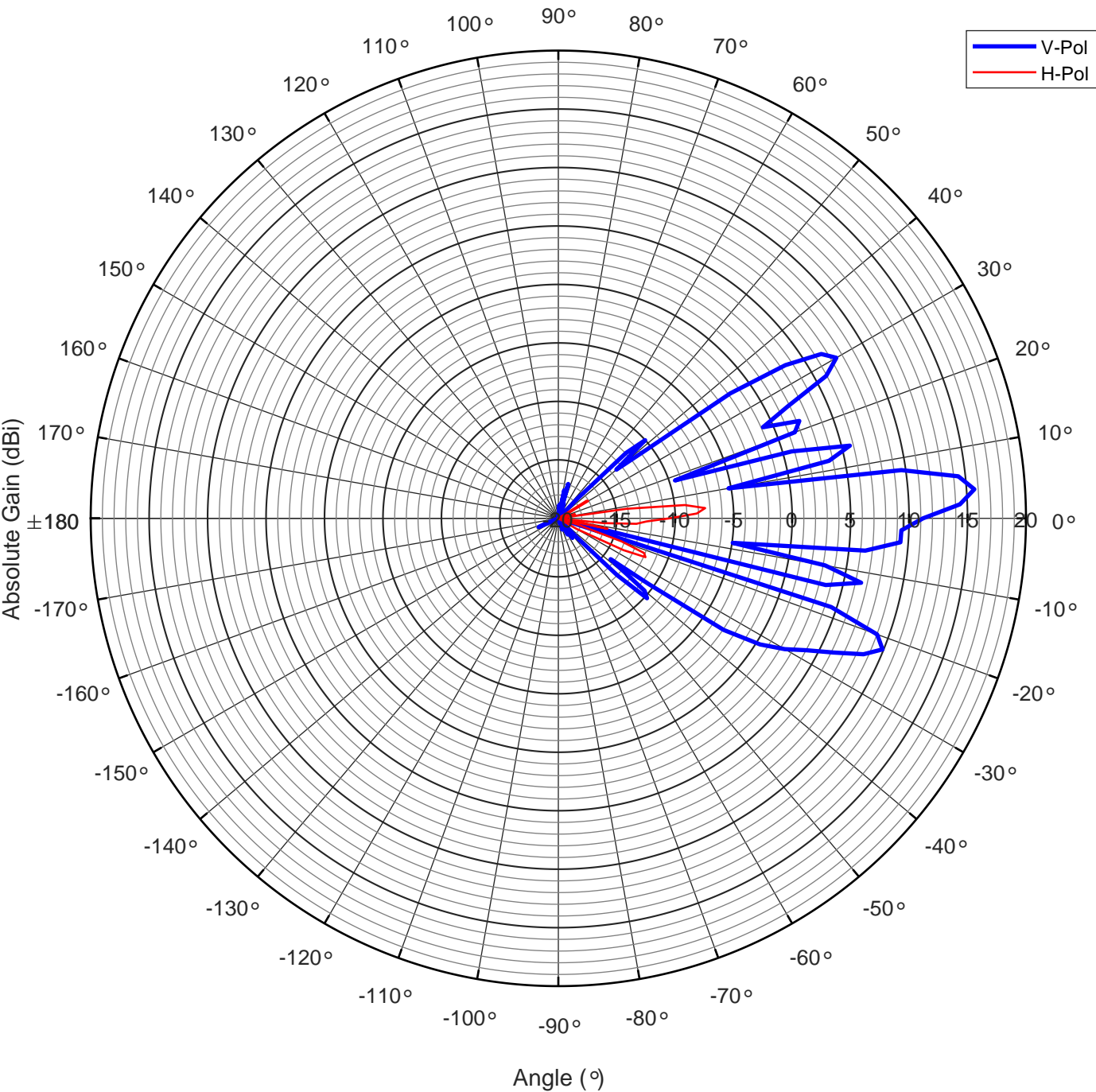


Antenna: SLM
Frequency: 27 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): 3.16° 1.81°

BW1 (3dB): 5.79° 6.43°

SLL: 5.76dB 4.43dB



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

Squint (6dB): 2.91° 2.44°

BW1 (3dB): 6.22° 6.98°

SLL: 5.33dB 3.77dB

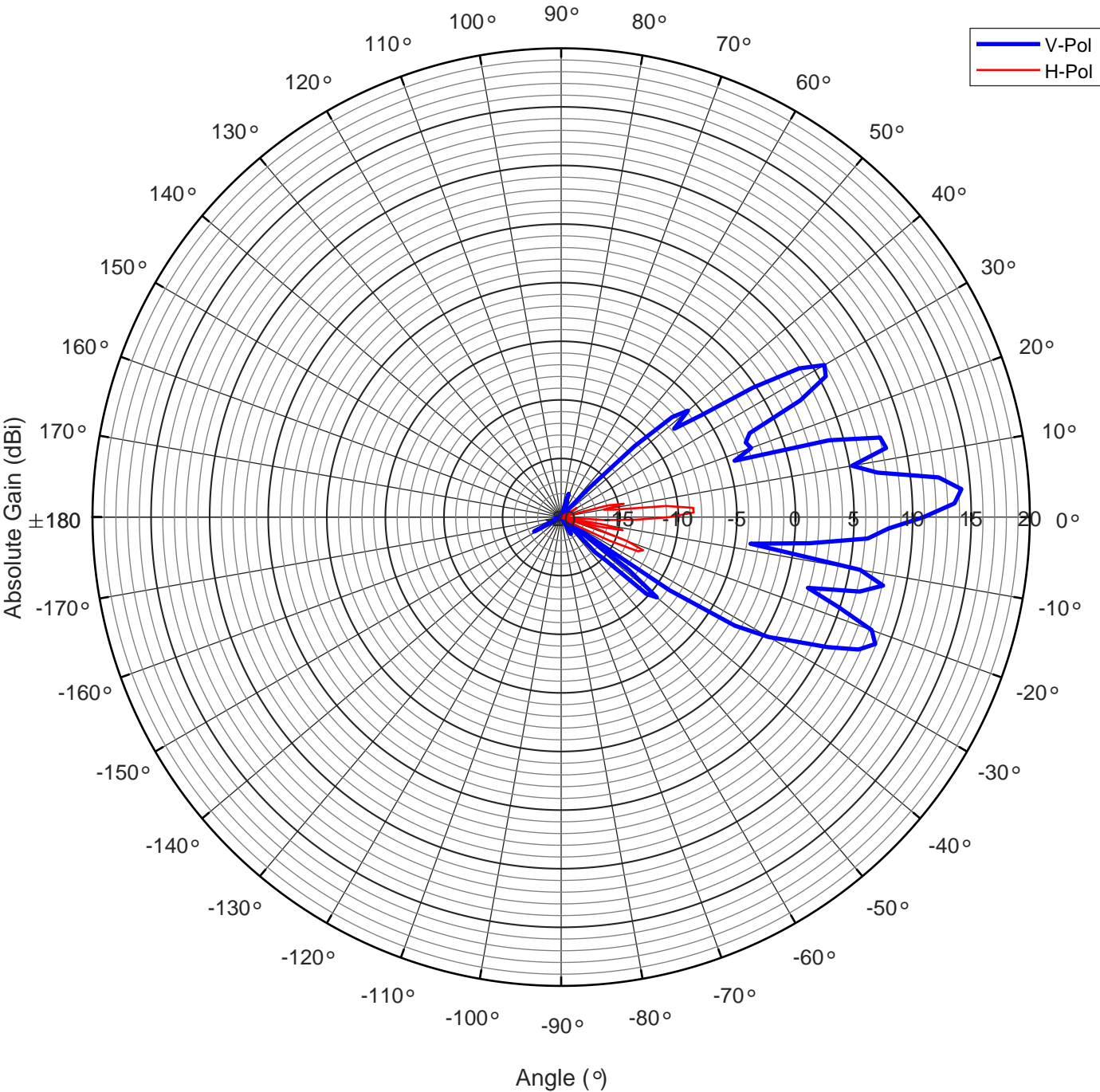


Figure #: 20

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

Squint (6dB): 6.40° 6.24°

BW1 (3dB): 6.35° 7.46°

SLL: 2.12dB 2.19dB

Figure #: 21

