

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

Squint (6dB): -0.04° -5.18°
BW1 (3dB): 52.00° 54.95°
SLL: 22.76dB 2.14dB

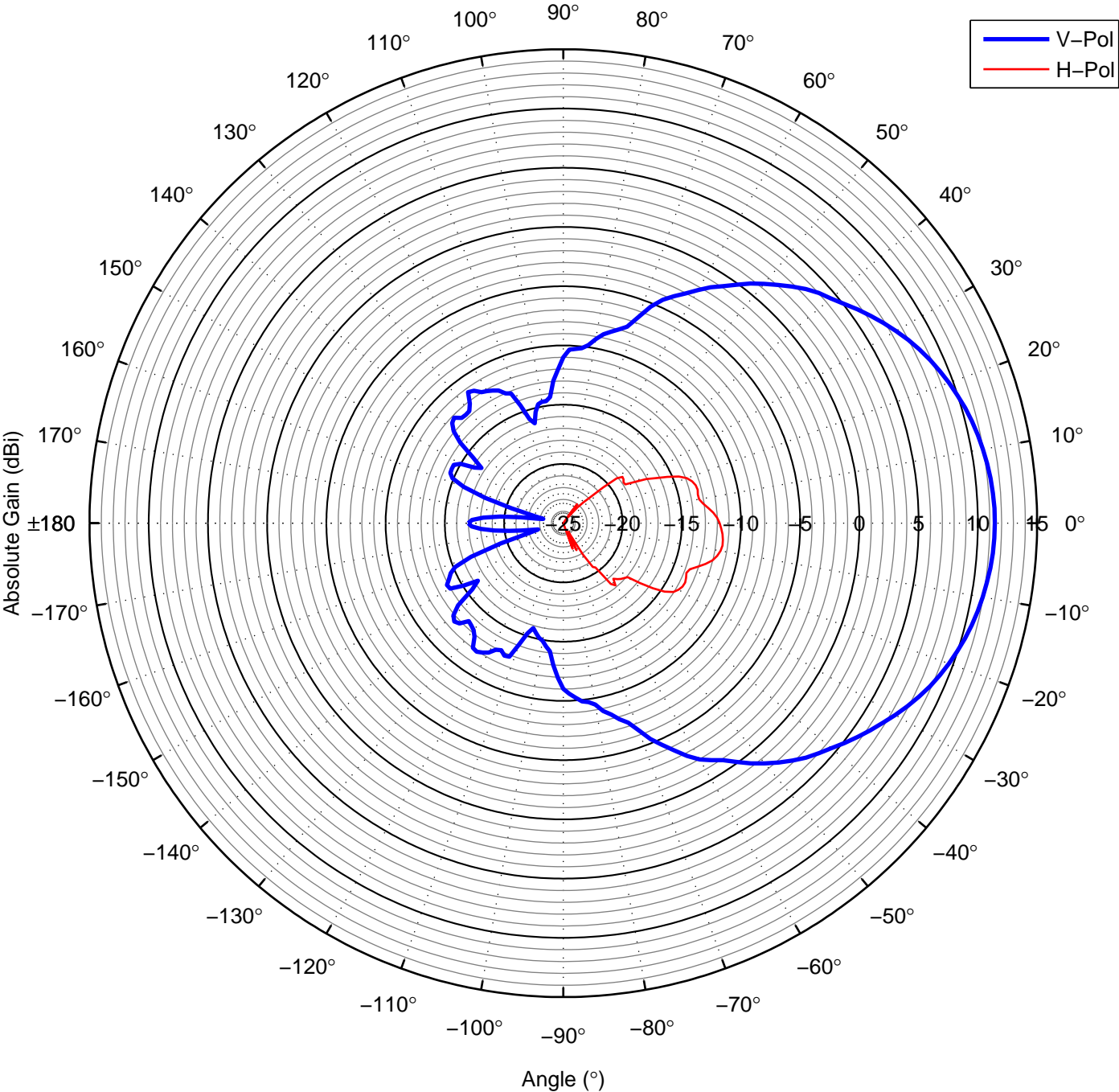
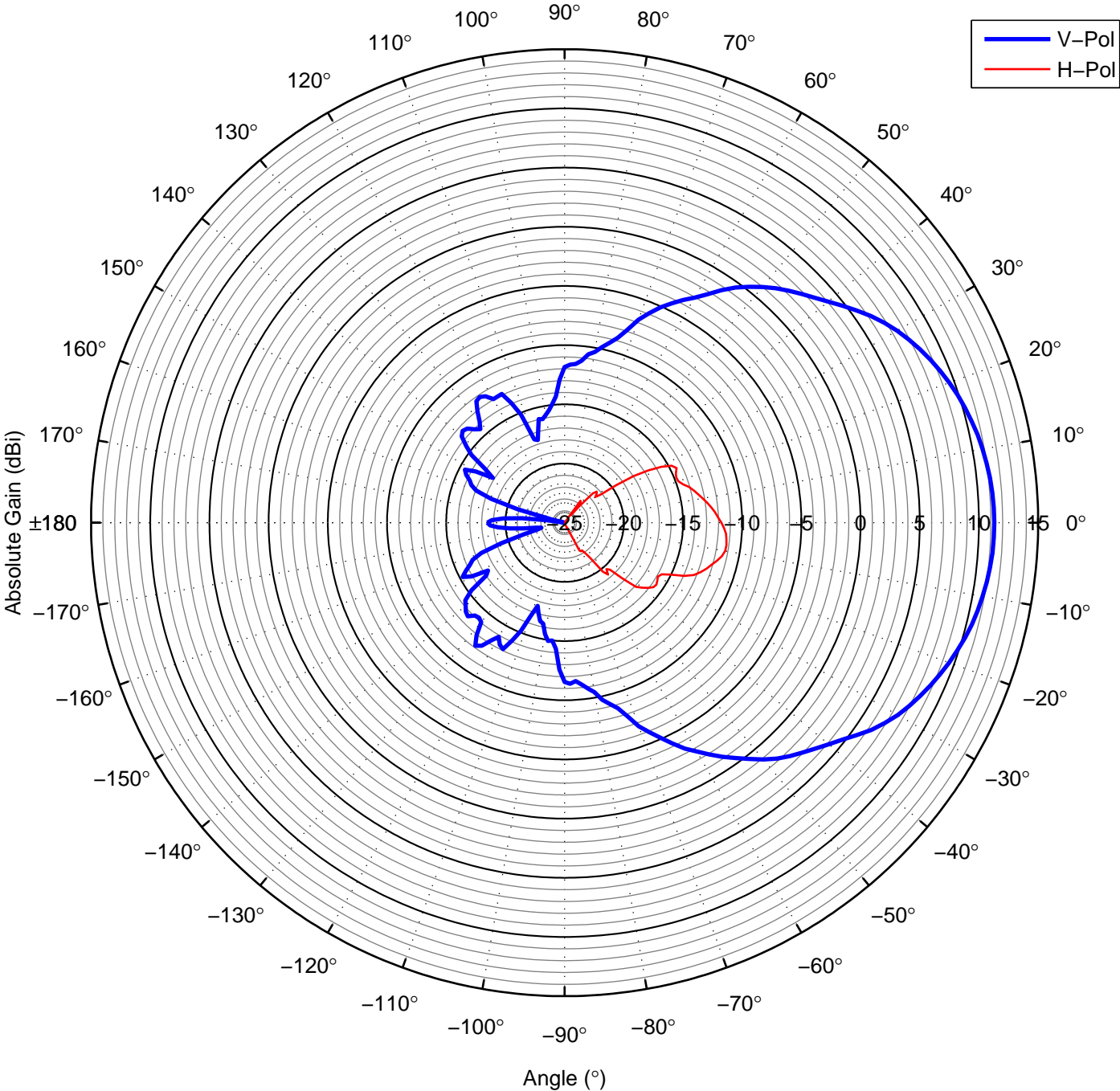


Figure #: 1

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

Squint (6dB): -0.01° -4.81°
BW1 (3dB): 52.99° 41.16°
SLL: 22.69dB 3.28dB



Printed Horn

18-Feb-2022

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

Squint (6dB): -0.08° -3.15°
BW1 (3dB): 52.47° 50.50°
SLL: 23.73dB 4.20dB

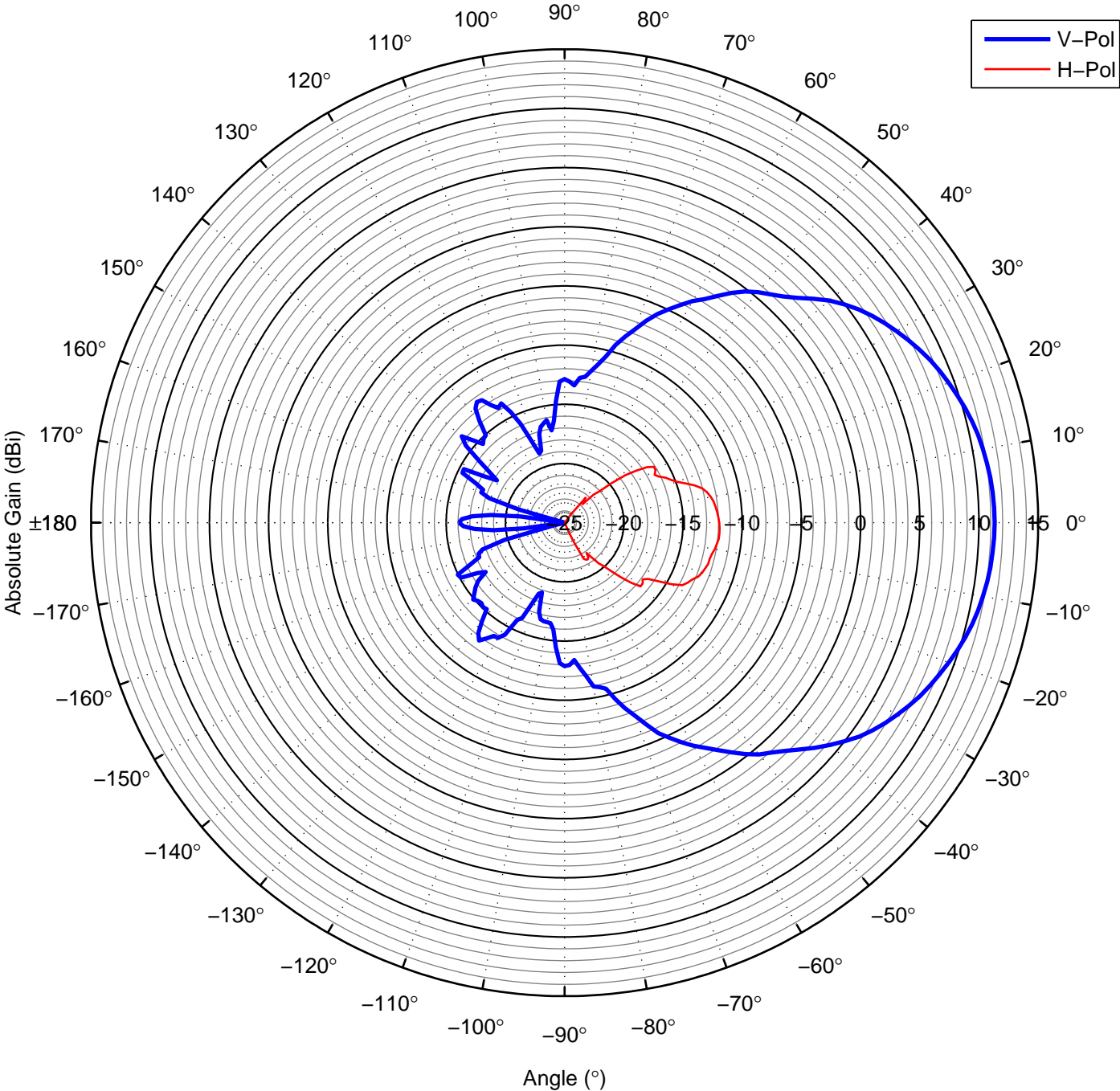


Figure #: 3

Printed Horn

18-Feb-2022

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

Squint (6dB): -0.14° -5.69°

BW1 (3dB): 50.05° 49.67°

SLL: 24.88dB 9.42dB

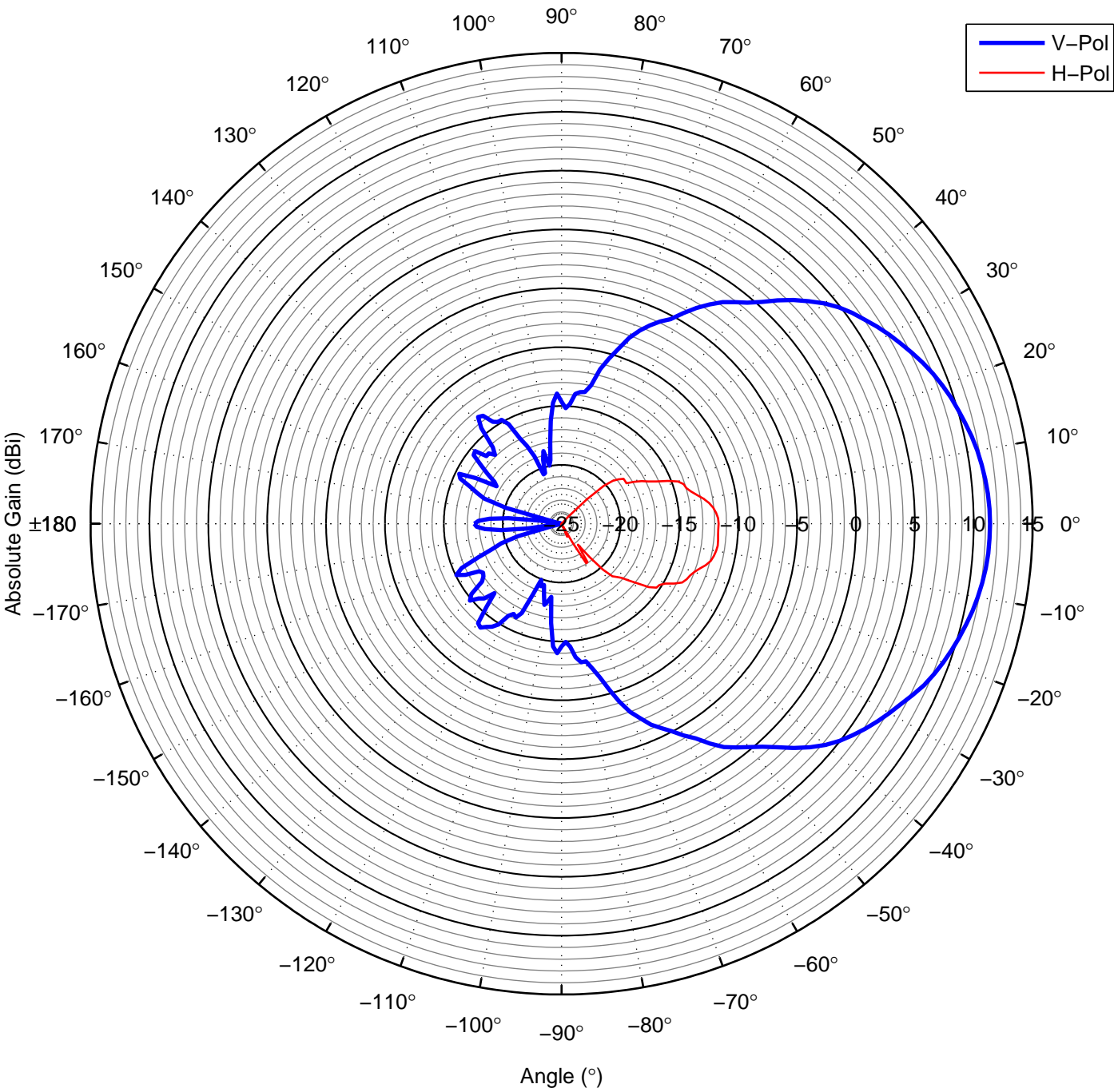
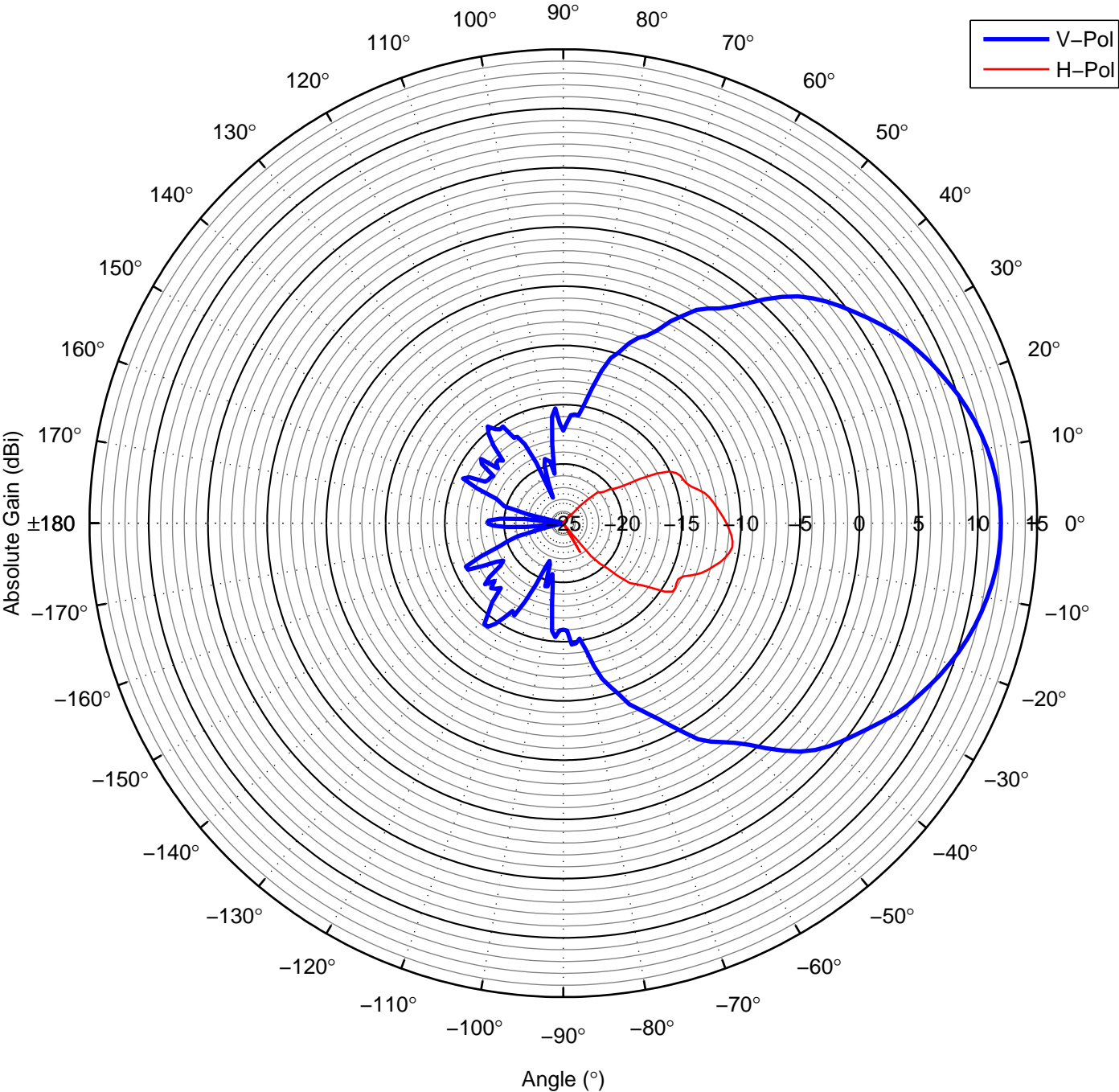


Figure #: 4

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

Squint (6dB): -0.08° -4.89°
BW1 (3dB): 46.58° 38.23°
SLL: 26.12dB 3.49dB

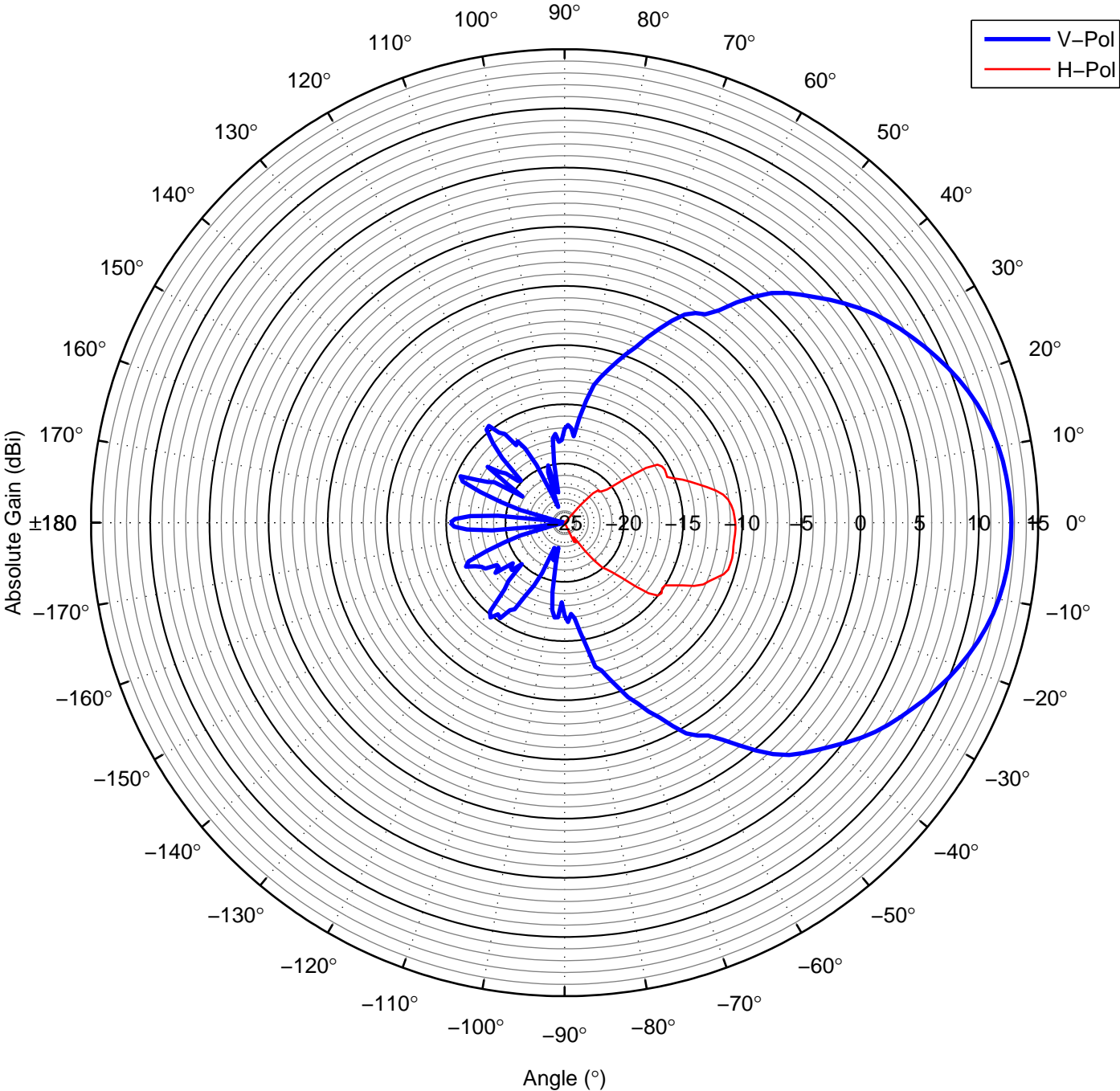


Antenna: SLM
Frequency: 20.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -0.15° -3.82°

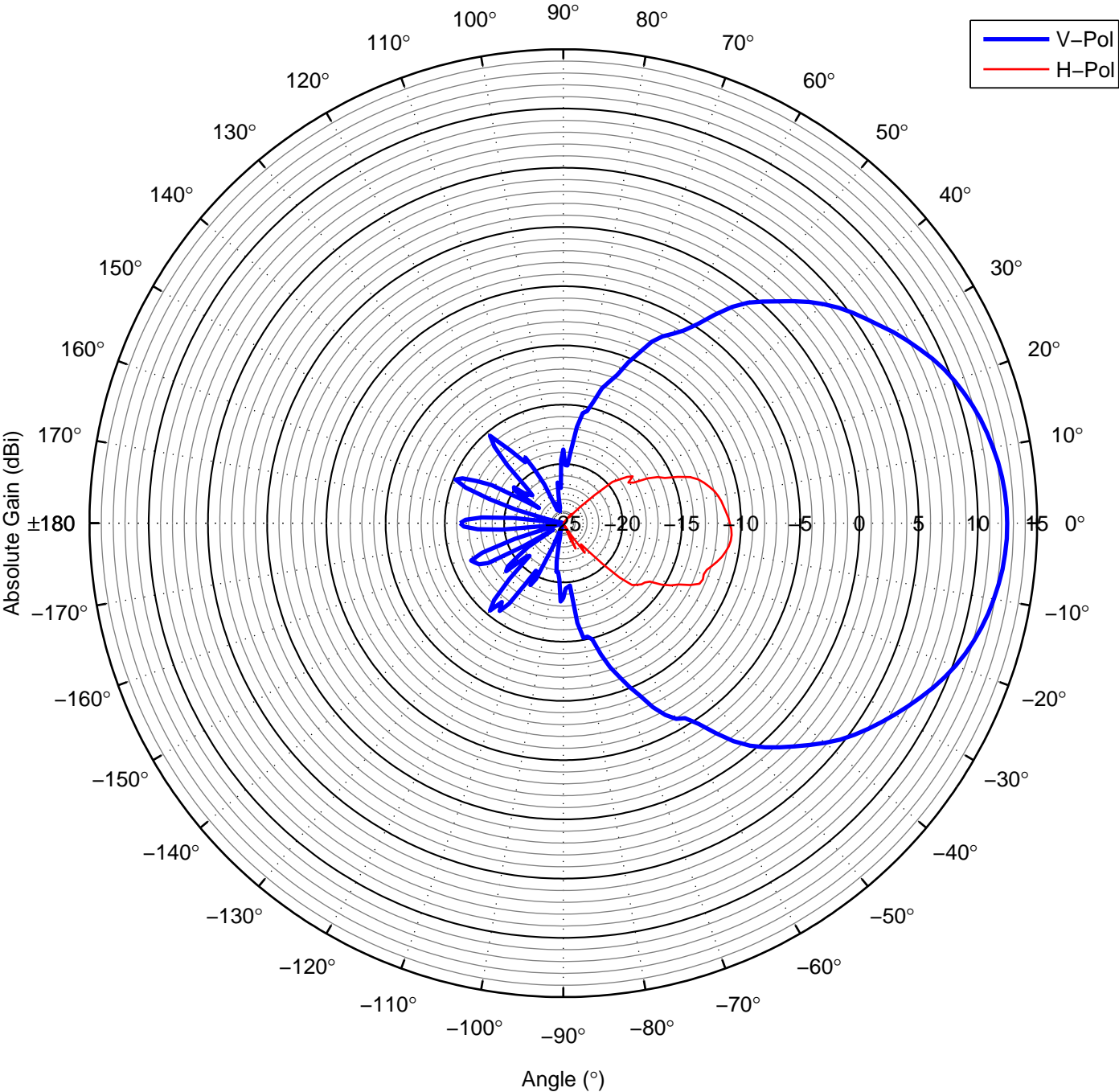
BW1 (3dB): 45.68° 44.57°

SLL: 27.36dB 4.34dB



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

Squint (6dB): -0.29° -5.68°
BW1 (3dB): 45.57° 47.82°
SLL: 27.67dB 7.18dB



Printed Horn

18-Feb-2022

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

Squint (6dB): -0.07° -3.70°
BW1 (3dB): 43.34° 45.09°
SLL: 29.35dB 3.69dB

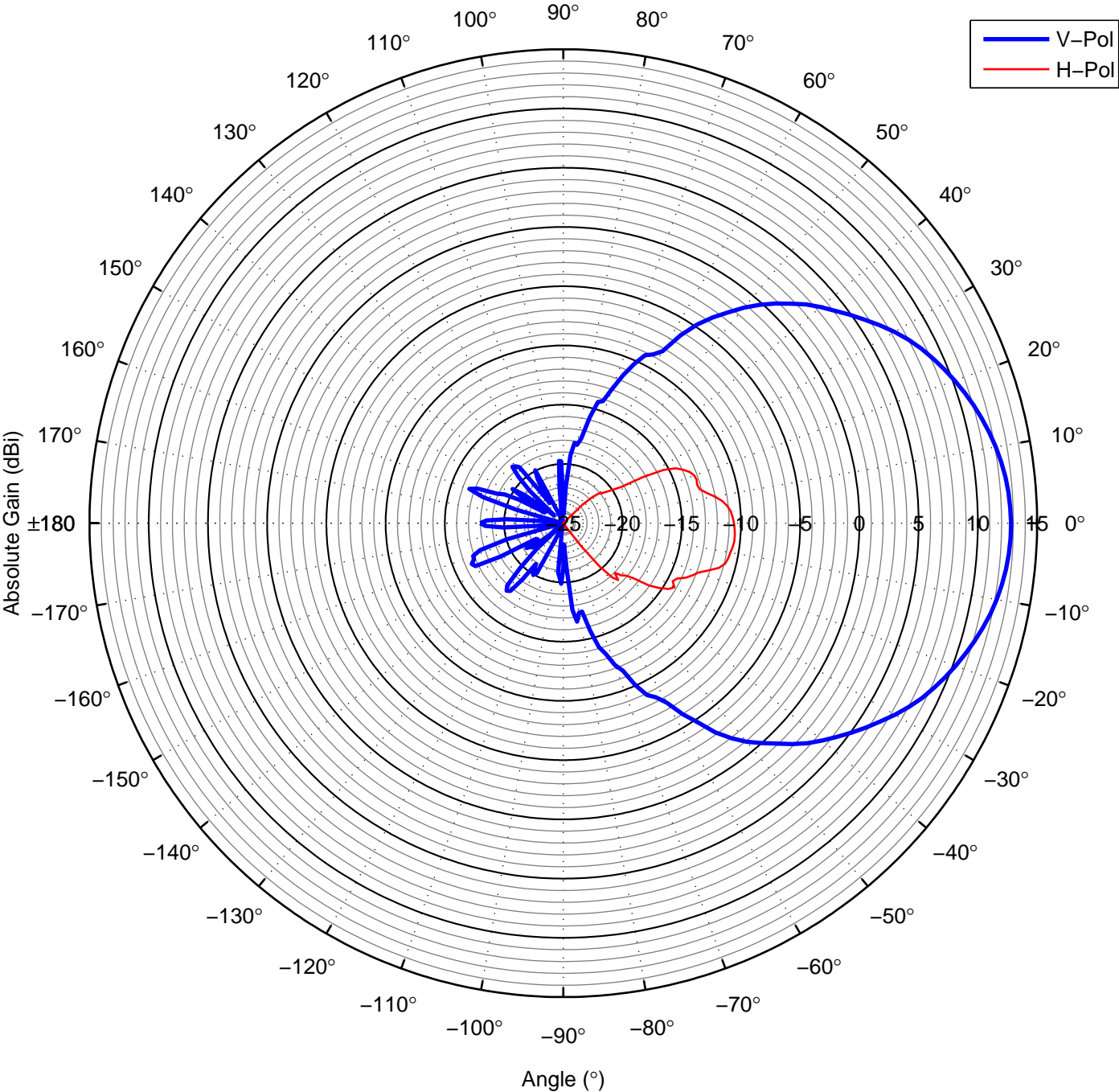
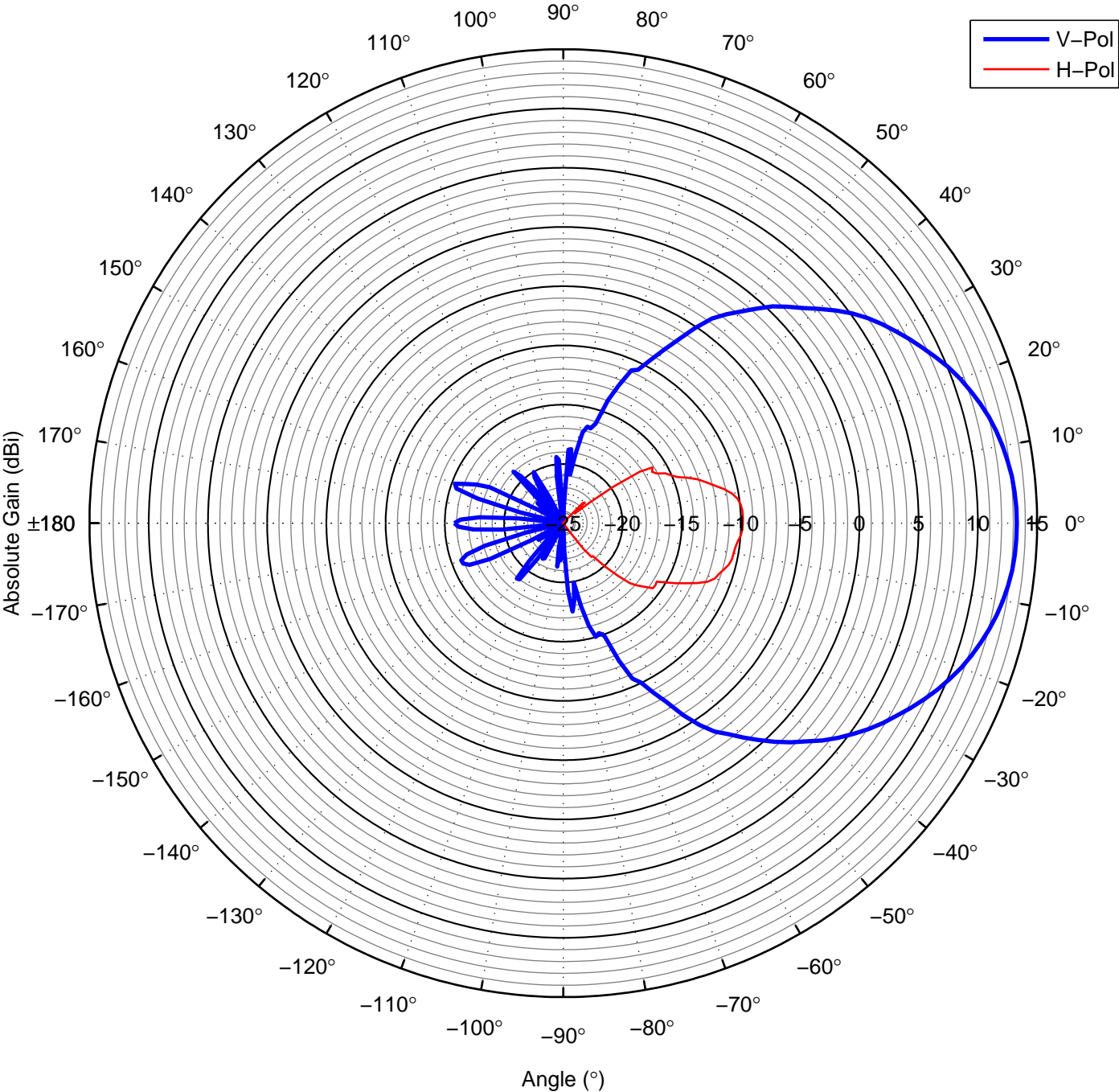


Figure #: 8

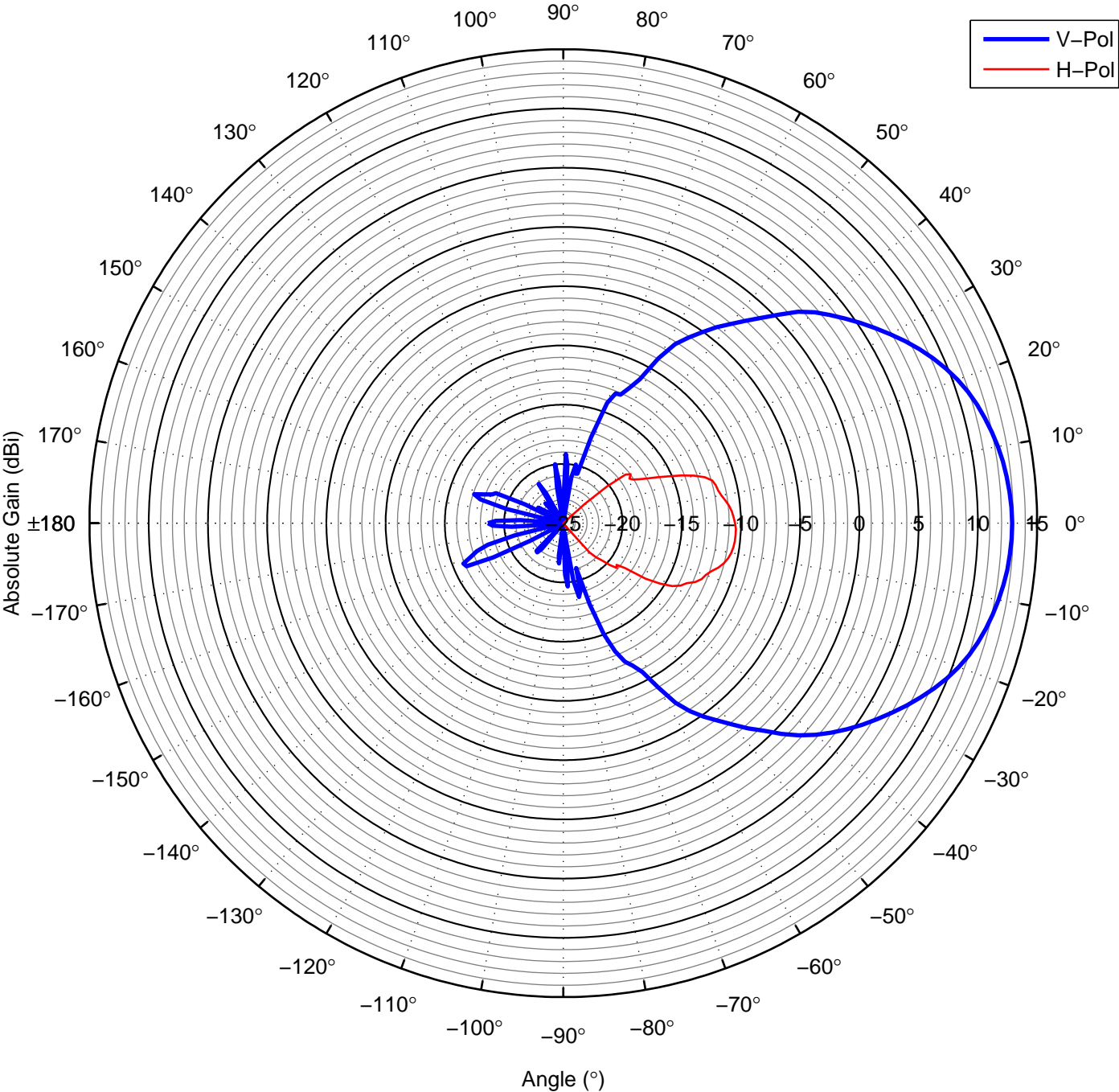
Antenna: SLM
Frequency: 22 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -0.13° -4.62°
BW1 (3dB): 42.87° 41.81°
SLL: 28.31dB 6.30dB



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

Squint (6dB): -0.17° -3.52°
BW1 (3dB): 43.95° 46.31°
SLL: 28.80dB 7.55dB



Printed Horn

18-Feb-2022

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

Squint (6dB): -0.09° -1.73°

BW1 (3dB): 43.04° 42.79°

SLL: 28.22dB 10.73dB

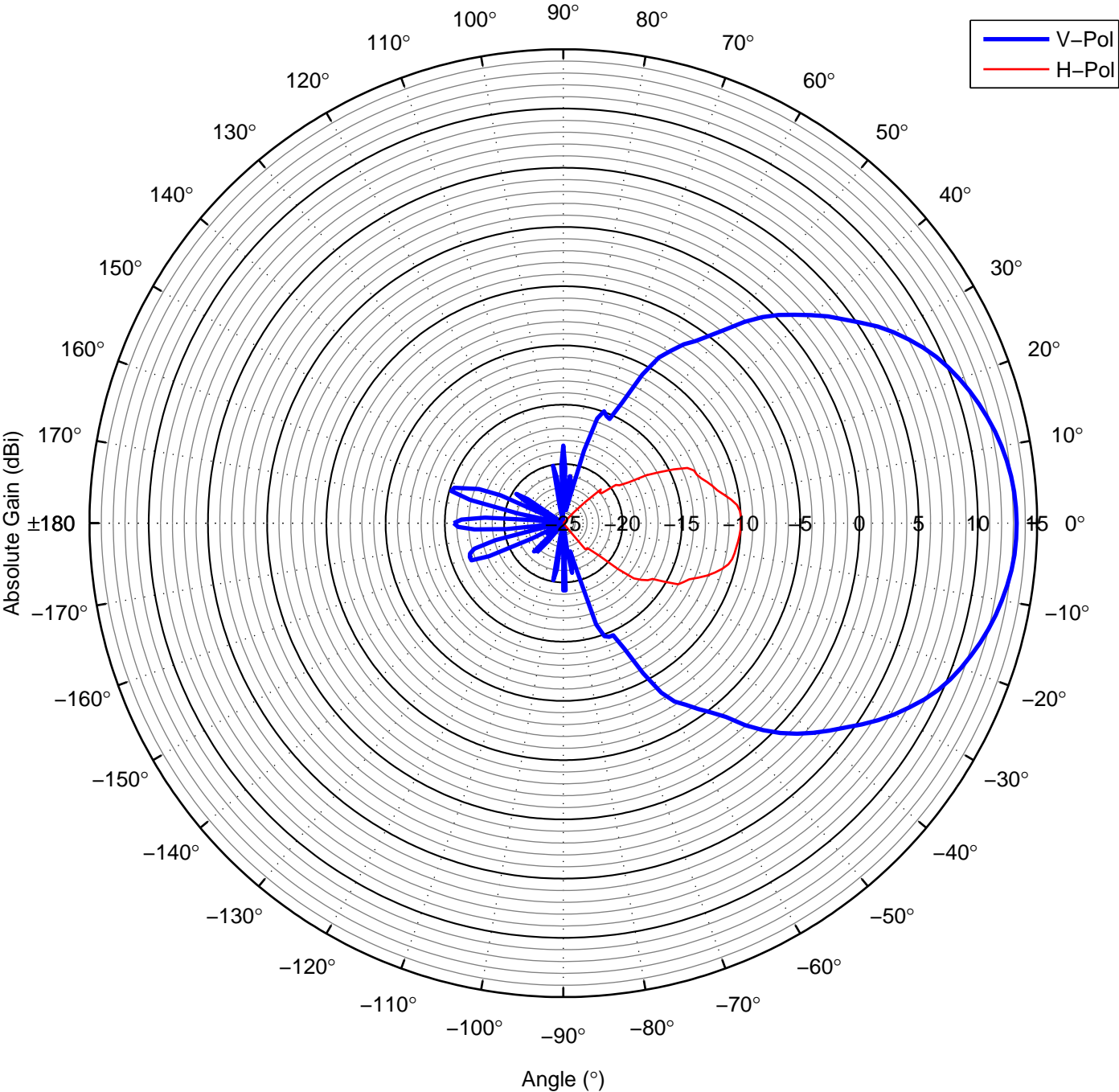


Figure #: 11

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

Squint (6dB): -0.18° 0.38°
BW1 (3dB): 41.78° 37.23°
SLL: 26.74dB 12.35dB

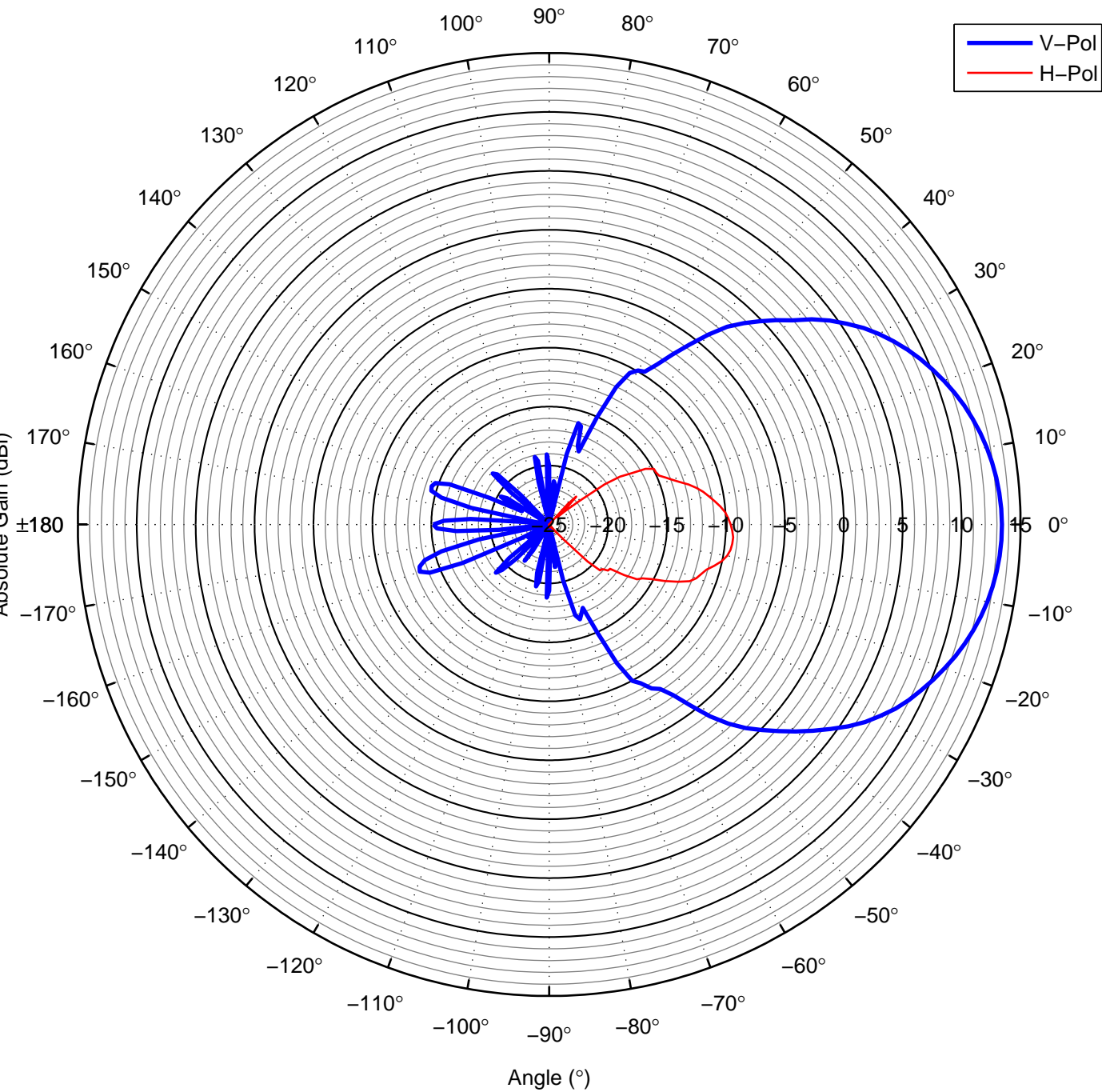
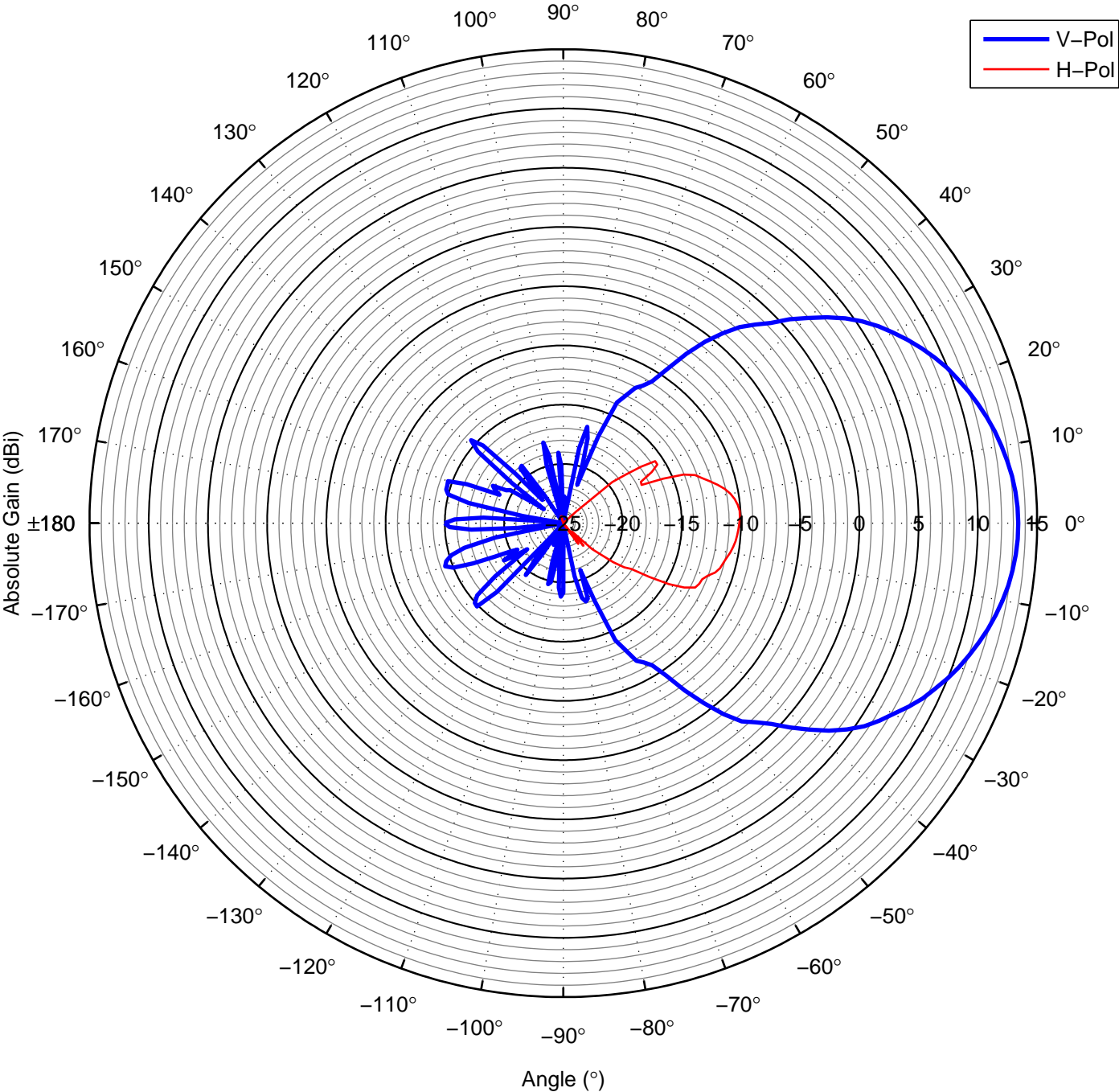


Figure #: 12

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

Squint (6dB): -0.07° -3.64°
BW1 (3dB): 40.73° 46.85°
SLL: 27.80dB 5.57dB



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

Squint (6dB): -0.04° 0.47°
BW1 (3dB): 39.23° 39.30°
SLL: 24.65dB 5.27dB

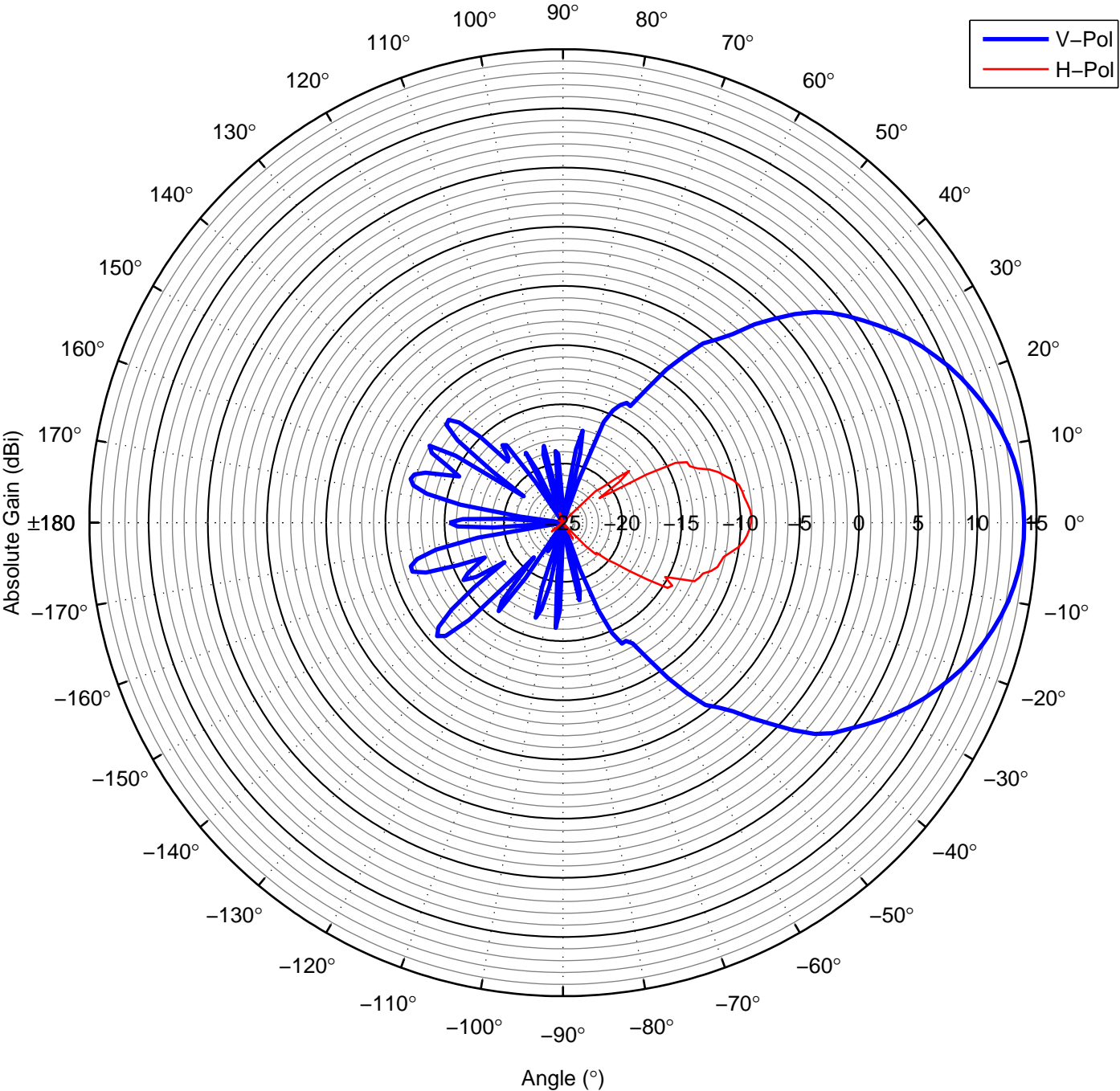


Figure #: 14

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

Squint (6dB): -0.06° -2.15°

BW1 (3dB): 38.75° 32.87°

SLL: 23.79dB 12.35dB

V-Pol
H-Pol

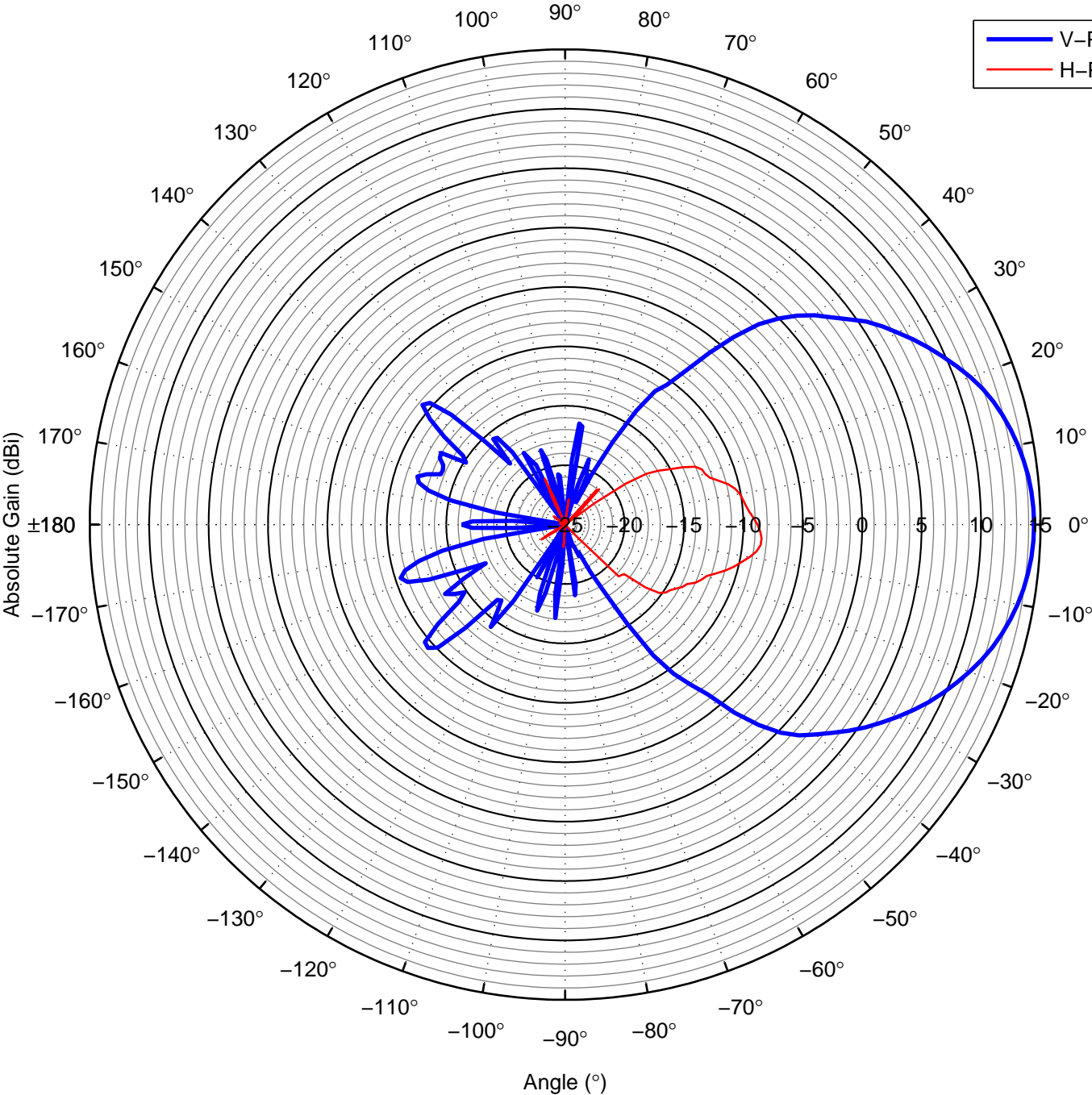


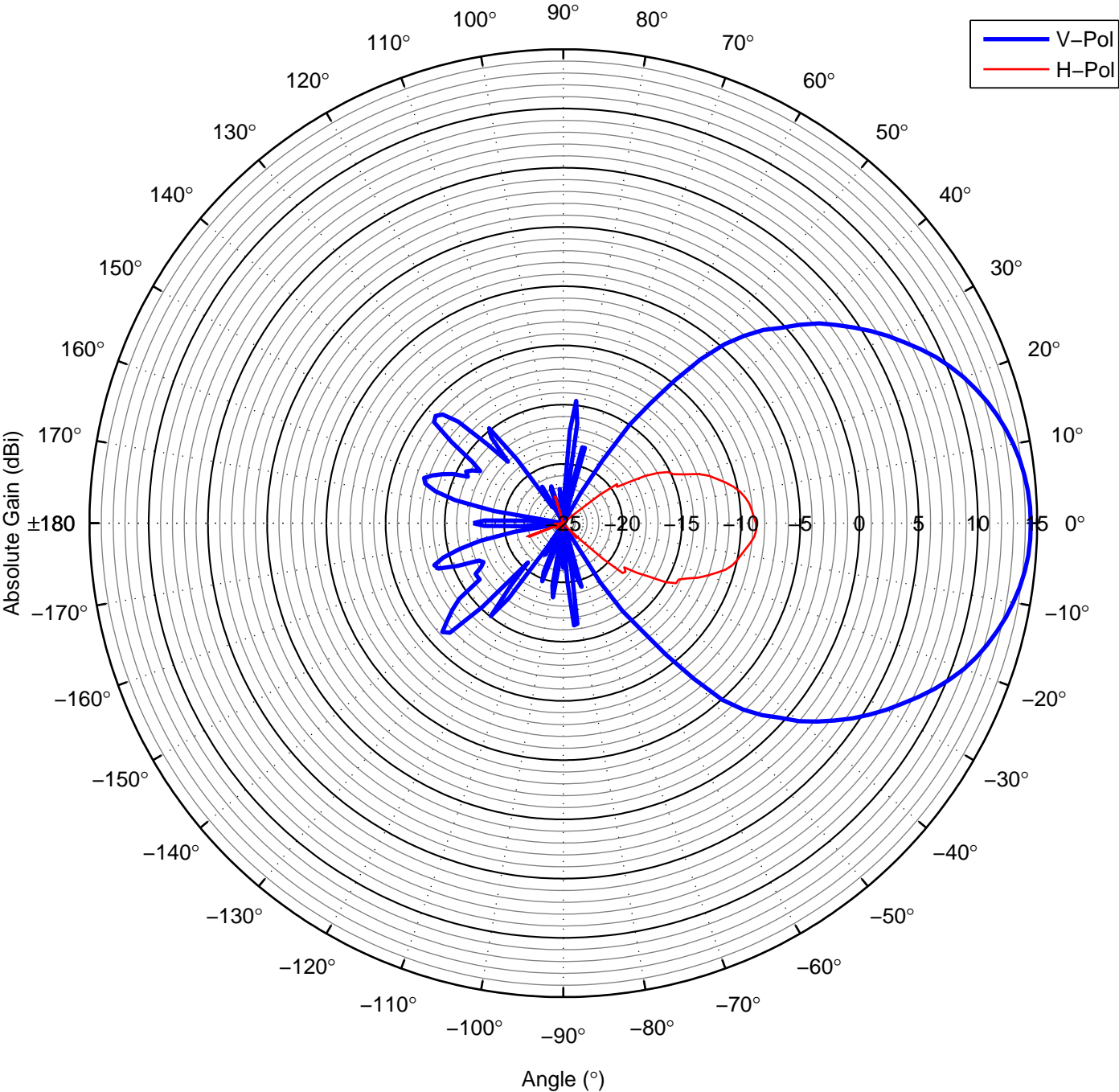
Figure #: 15

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

Squint (6dB): 0.12° -2.74°

BW1 (3dB): 37.07° 35.62°

SLL: 25.39dB 9.64dB



Printed Horn

18-Feb-2022

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

Squint (6dB): 0.08° -0.27°

BW1 (3dB): 36.89° 35.97°

SLL: 26.96dB 11.87dB

V-Pol
H-Pol

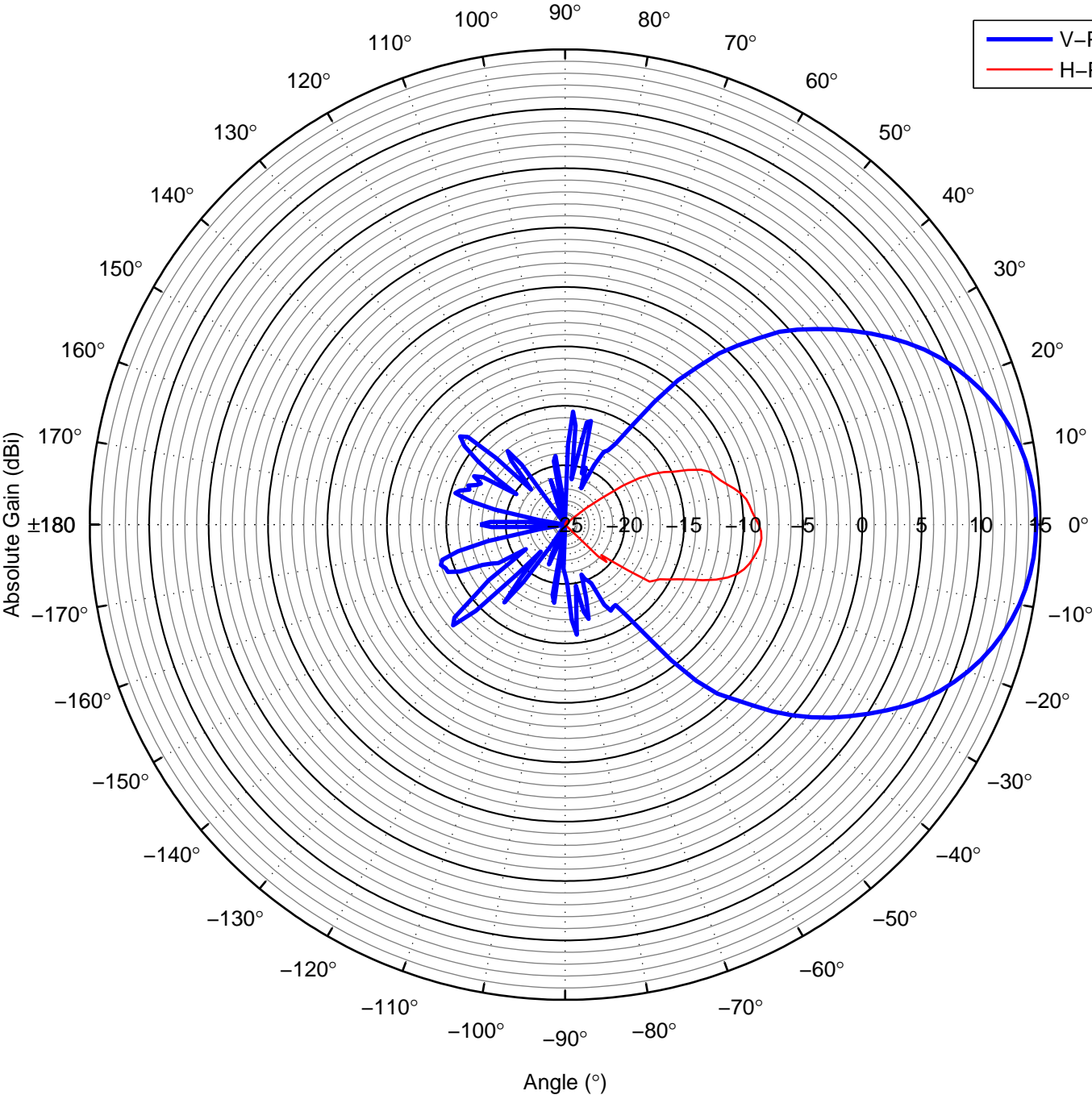


Figure #: 17

Printed Horn

18-Feb-2022

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

Squint (6dB): 0.14° -2.31°

BW1 (3dB): 37.20° 35.95°

SLL: 29.17dB 10.74dB

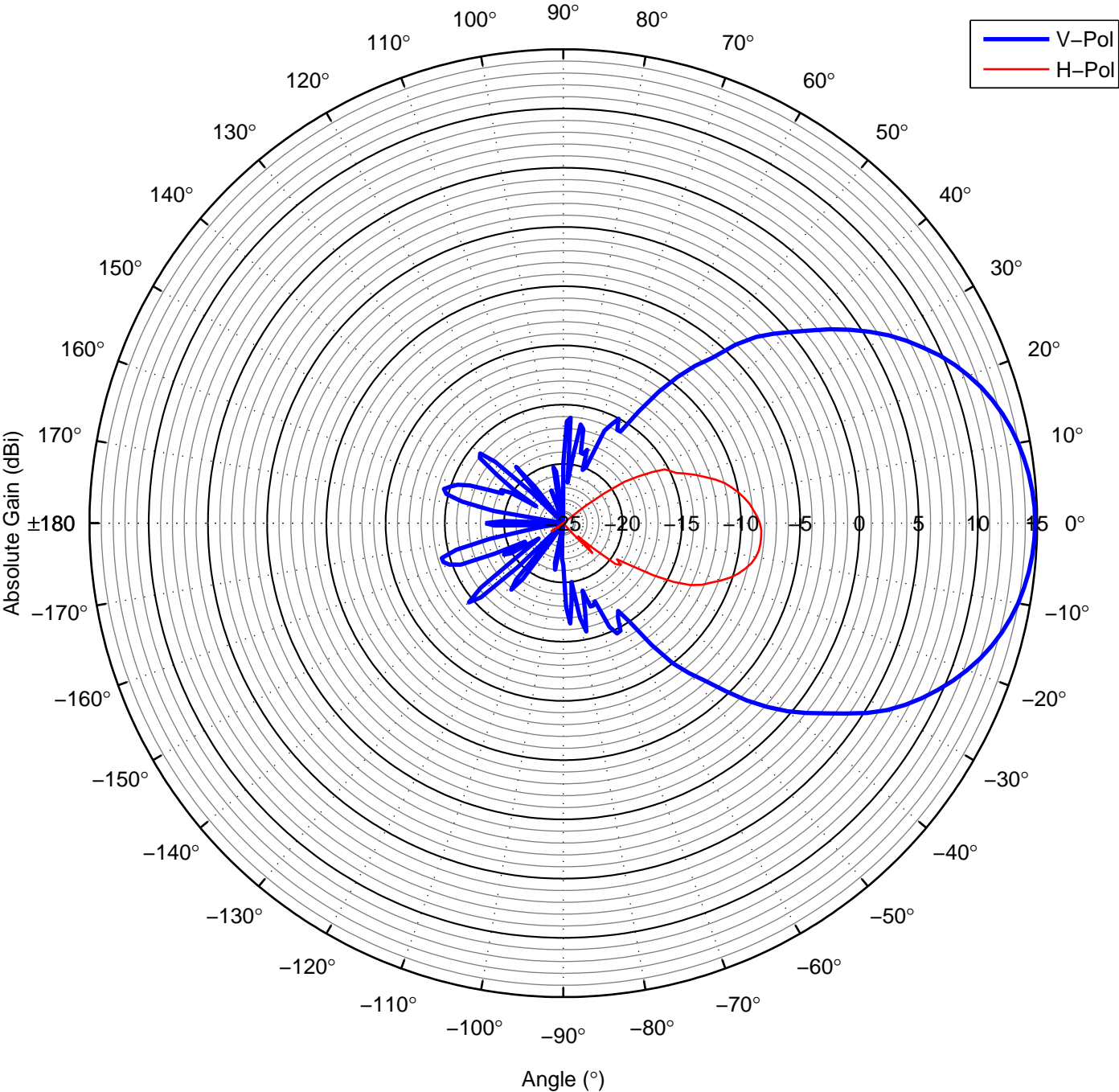


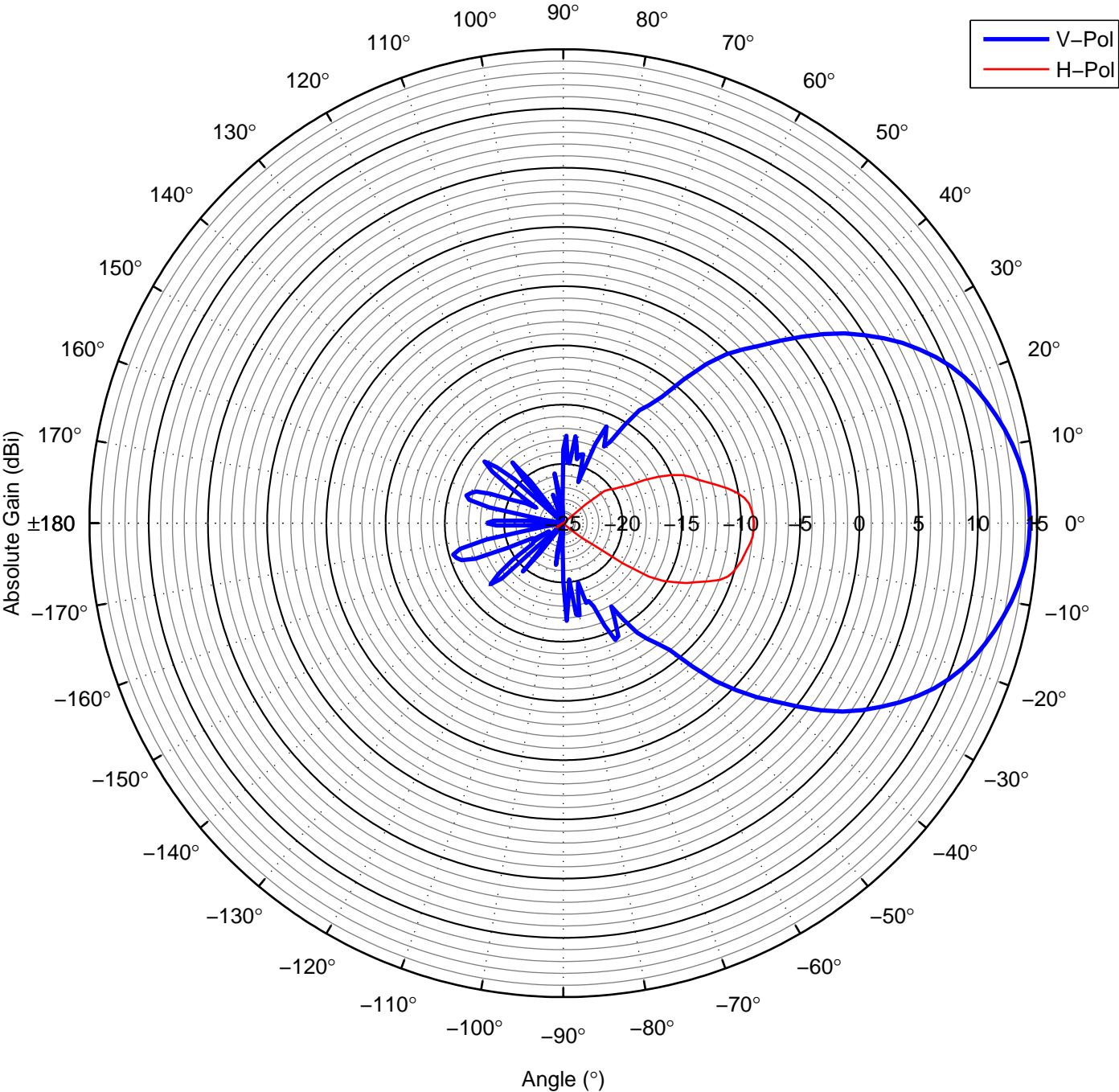
Figure #: 18

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

Squint (6dB): 0.17° -2.72°

BW1 (3dB): 37.11° 36.73°

SLL: 28.62dB 15.44dB

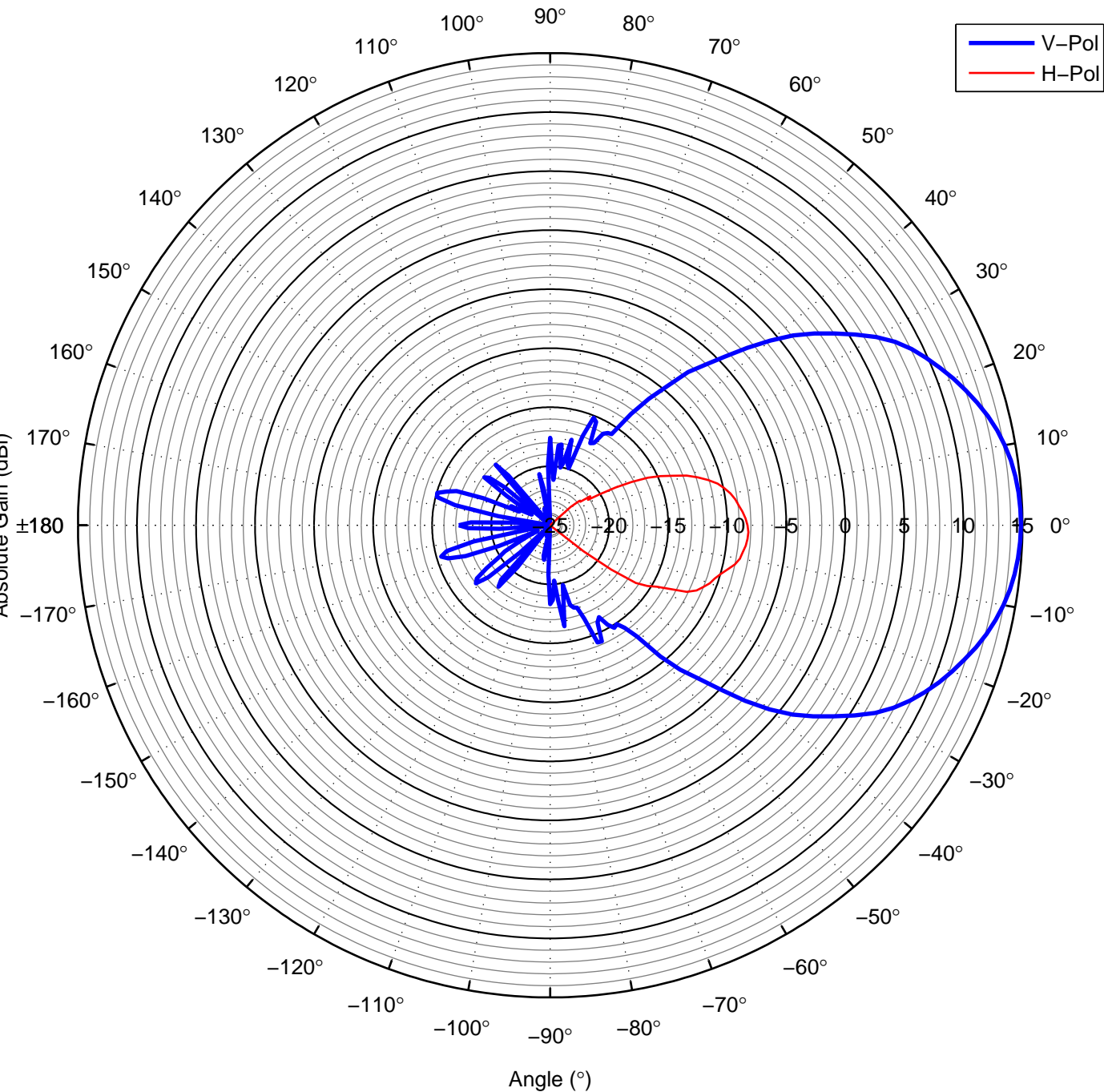


Antenna: SLM
Frequency: 27.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): 0.16° -3.24°

BW1 (3dB): 36.33° 39.16°

SLL: 29.12dB 12.61dB



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

Squint (6dB): 0.09° -2.94°

BW1 (3dB): 35.34° 37.28°

SLL: 28.35dB 15.35dB

