

Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): -11.33° -11.05°

BW1 (3dB): 12.94° 8.86°

SLL: 3.81dB 6.23dB

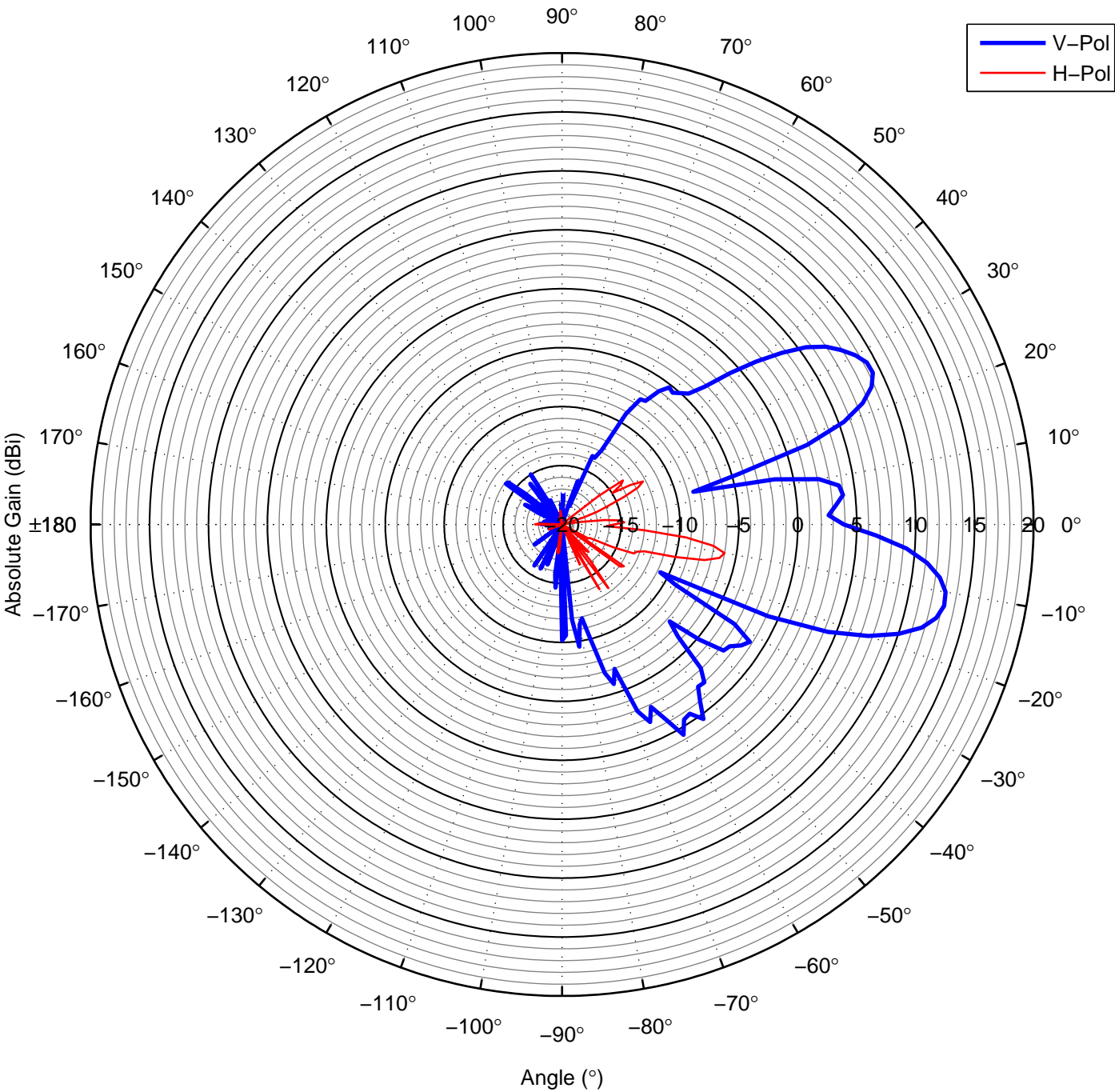


Figure #: 1

Printed Horn Array 2 SLA

06-May-2022

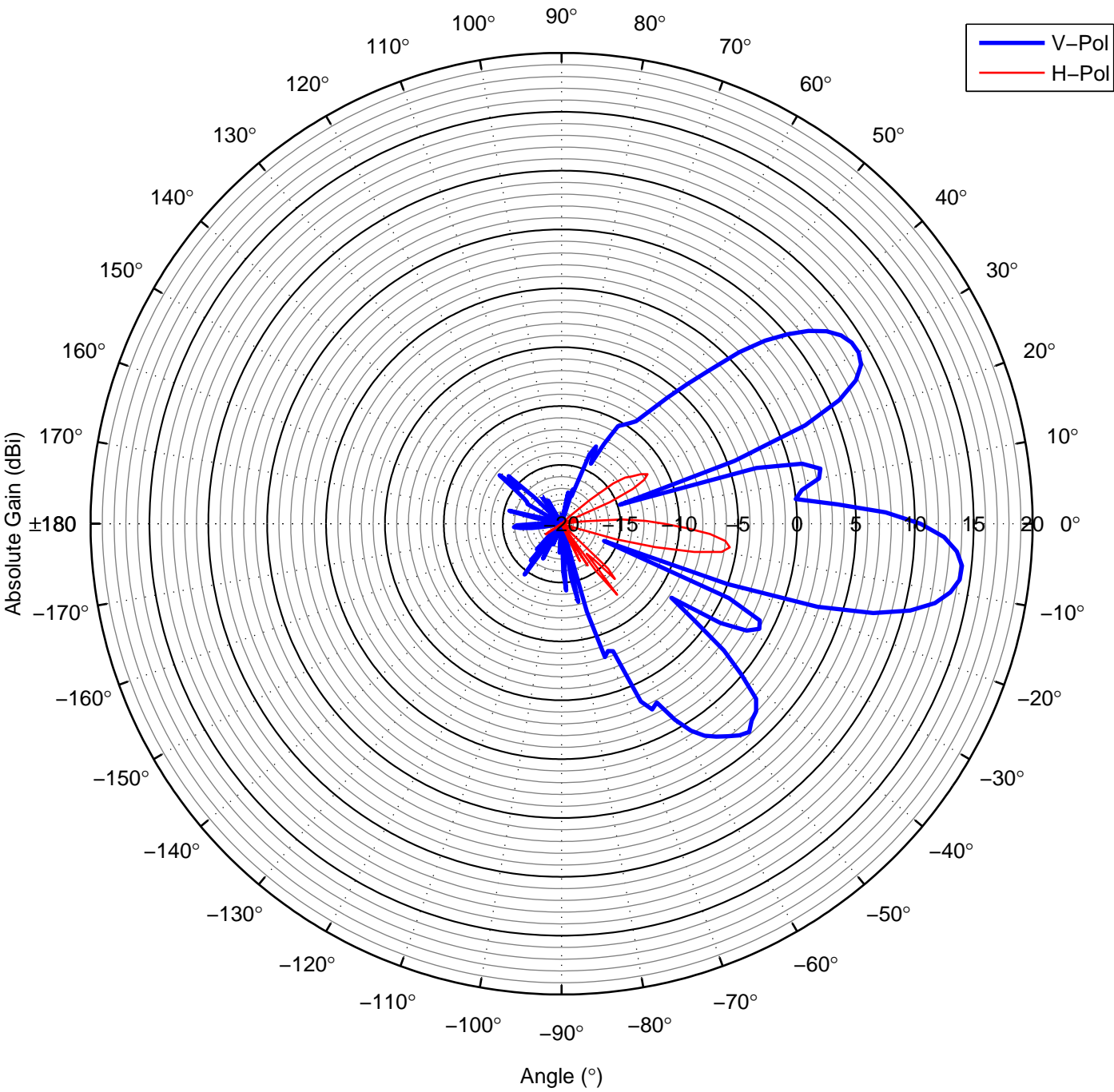
Antenna: SLA  
Frequency: 18.5 GHz  
Polarisation: V/H Linear  
Plane of Cut: Azimuth

Squint (6dB): -7.00° -6.75°

BW1 (3dB): 12.58° 9.27°

SLL: 5.06dB 6.00dB

Figure #: 2



Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): -4.02° -4.11°

BW1 (3dB): 11.53° 9.74°

SLL: 6.44dB 7.02dB

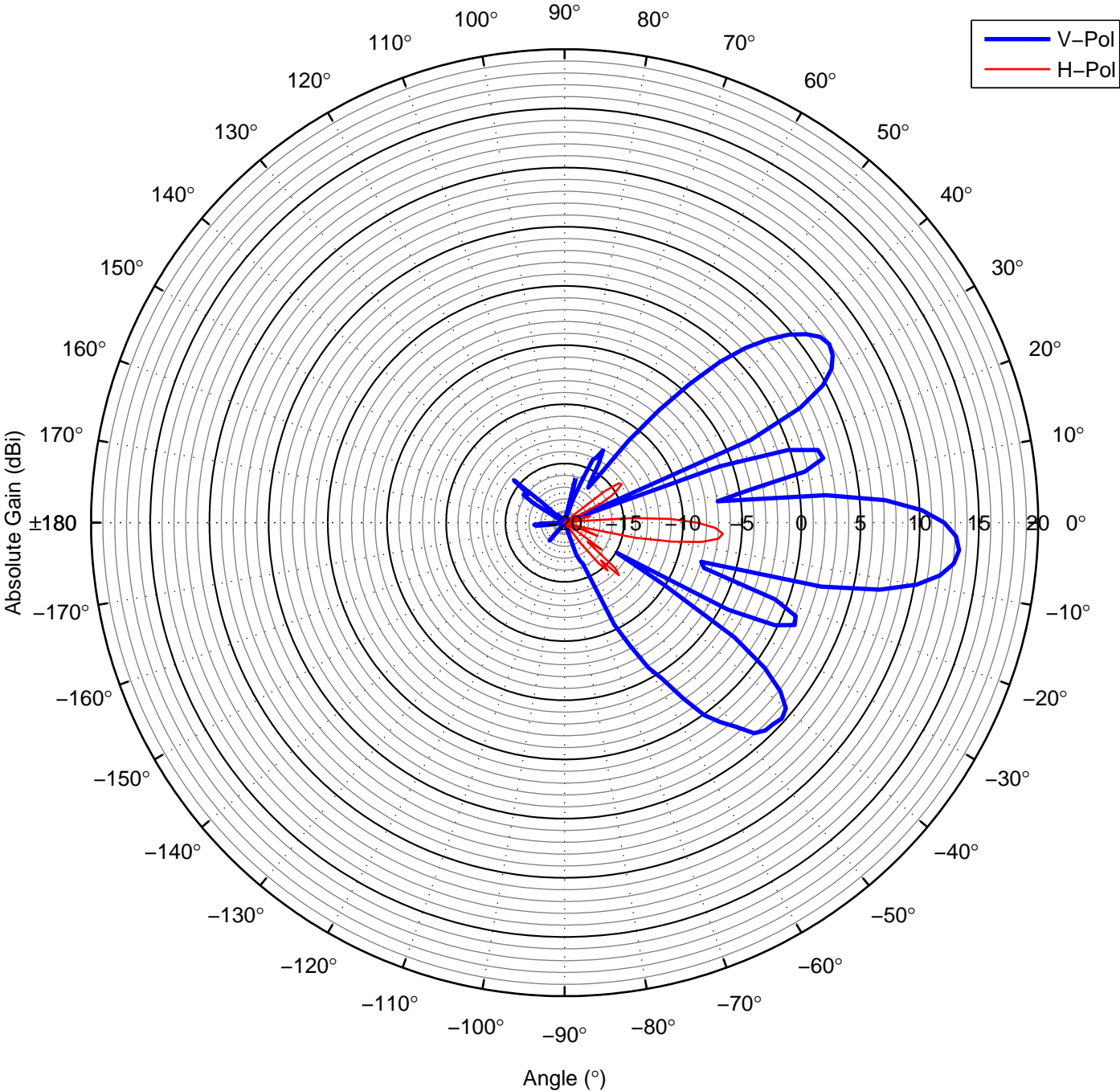


Figure #: 3

Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): -2.62° -2.41°

BW1 (3dB): 11.06° 9.05°

SLL: 7.00dB 5.97dB

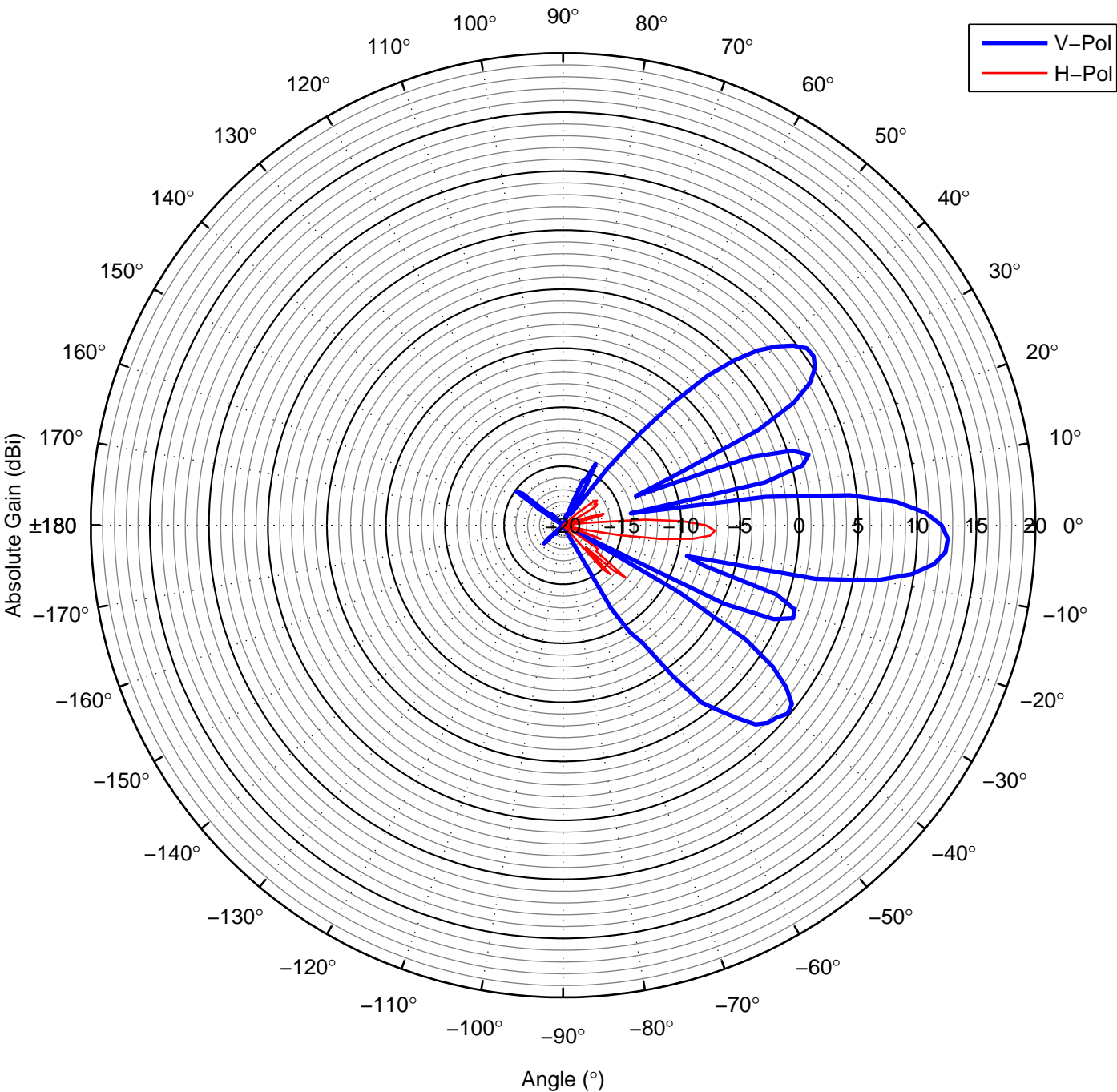


Figure #: 4



Printed Horn Array 2 SLA

06-May-2022

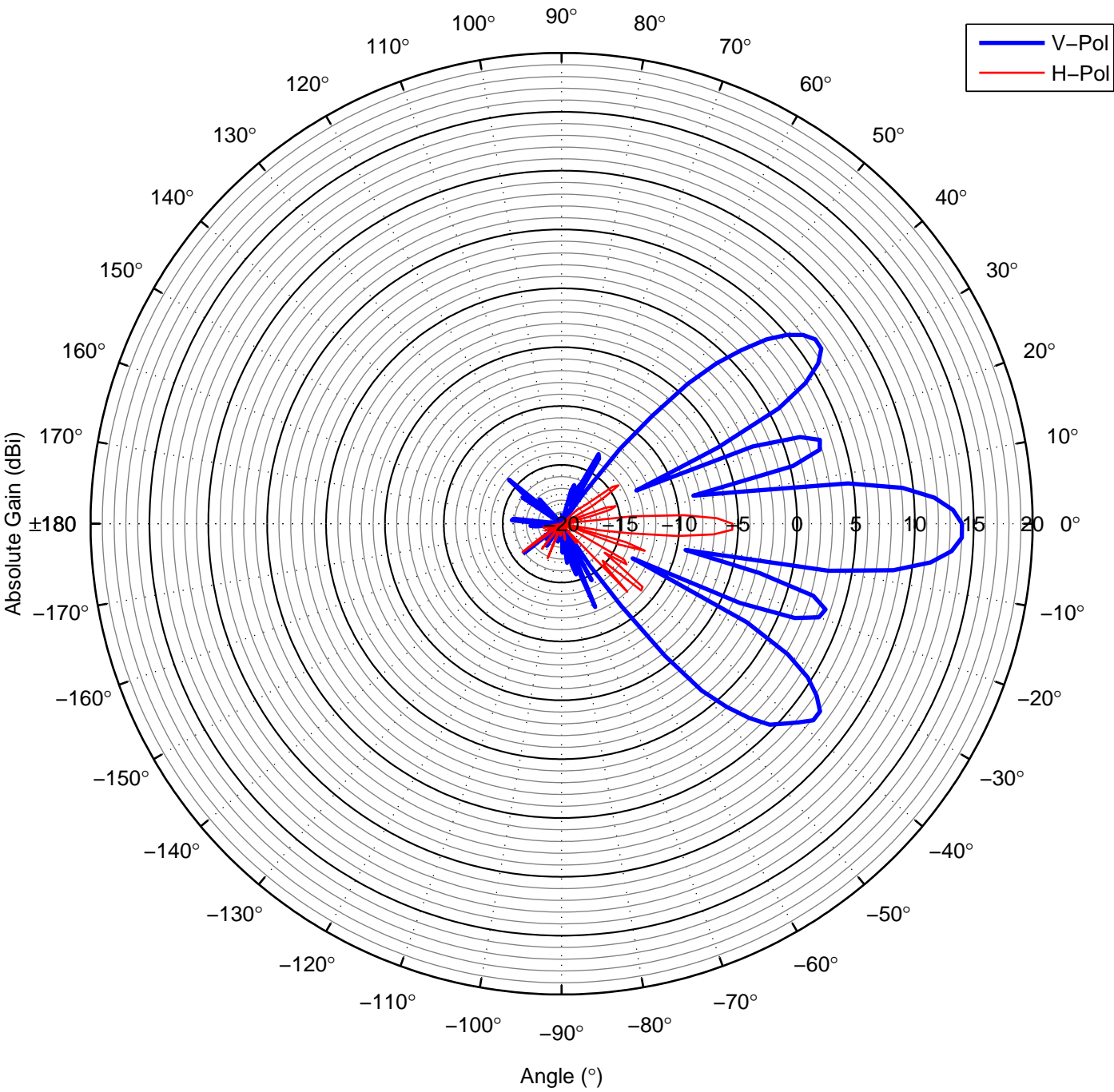
Antenna: SLA  
Frequency: 20 GHz  
Polarisation: V/H Linear  
Plane of Cut: Azimuth

Squint (6dB): -0.84° -0.90°

BW1 (3dB): 10.87° 8.14°

SLL: 6.88dB 5.69dB

Figure #: 5



Printed Horn Array 2 SLA

06-May-2022

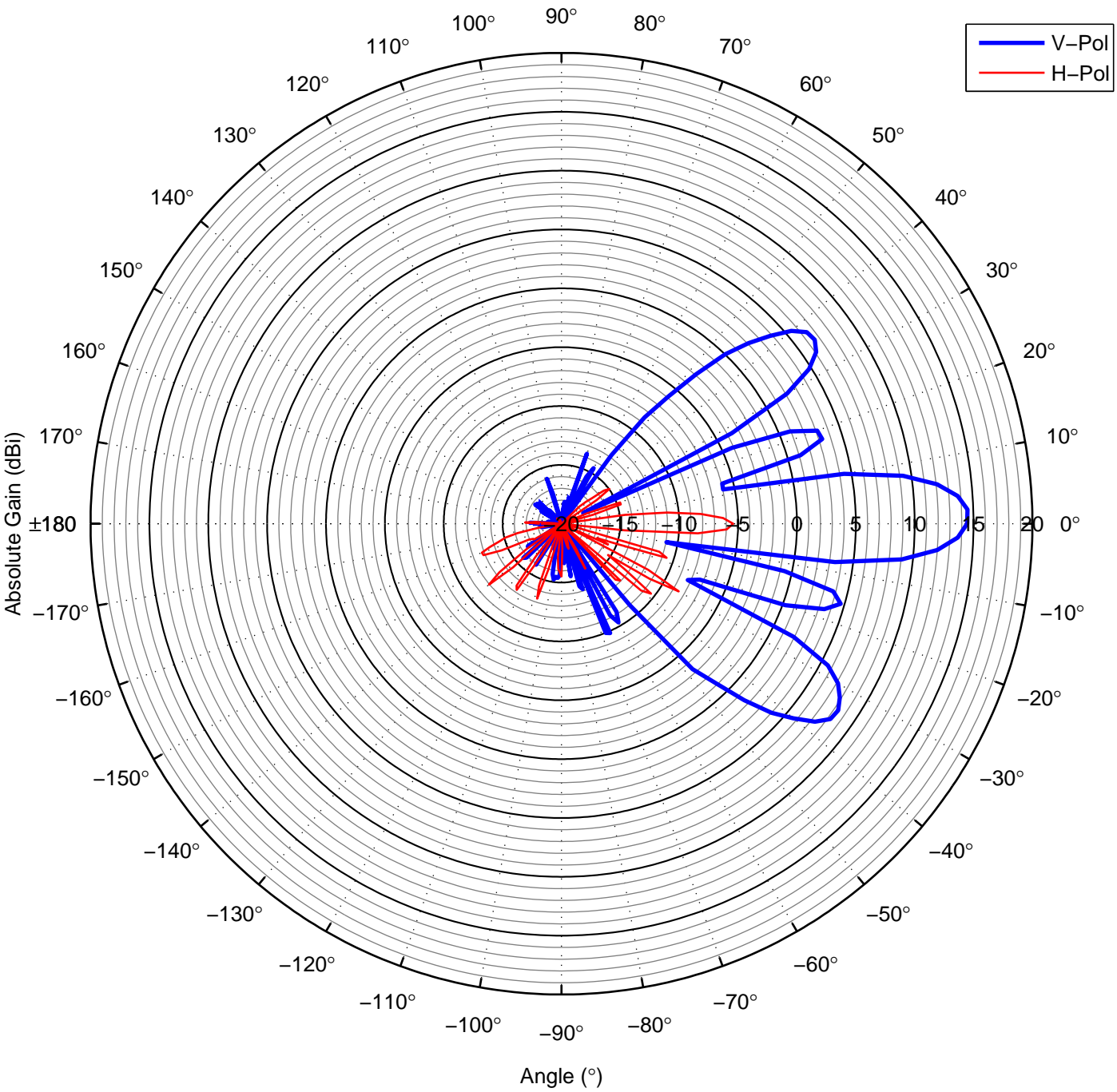
Antenna: SLA  
Frequency: 20.5 GHz  
Polarisation: V/H Linear  
Plane of Cut: Azimuth

Squint (6dB): 1.06° 0.65°

BW1 (3dB): 10.75° 8.20°

SLL: 6.15dB 3.09dB

Figure #: 6



Printed Horn Array 2 SLA

06-May-2022

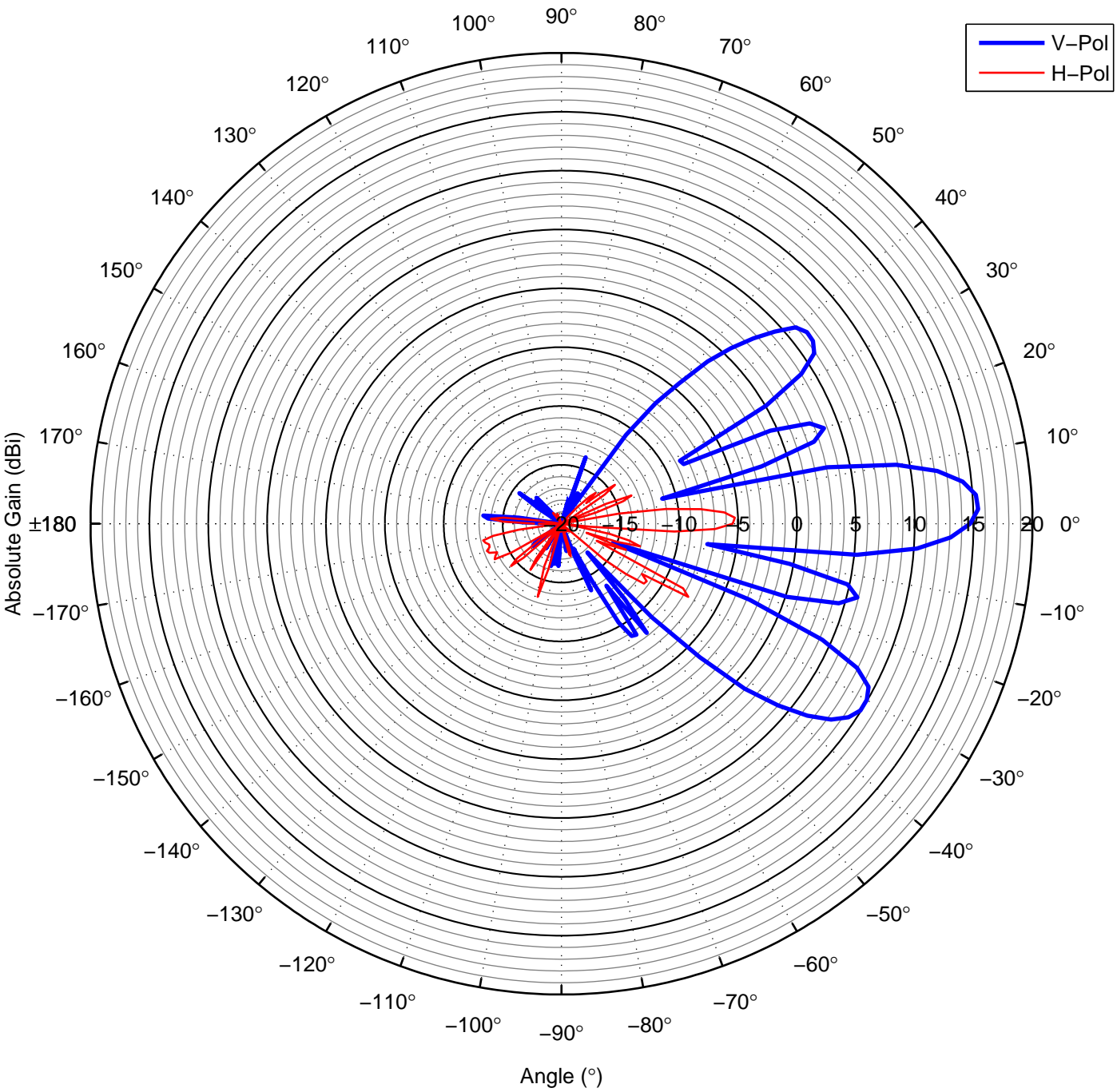
Antenna: SLA  
Frequency: 21 GHz  
Polarisation: V/H Linear  
Plane of Cut: Azimuth

Squint (6dB): 2.67° 1.93°

BW1 (3dB): 10.29° 8.87°

SLL: 5.48dB 2.30dB

Figure #: 7



Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): 4.19° 3.82°

BW1 (3dB): 10.11° 9.54°

SLL: 4.41dB 1.68dB

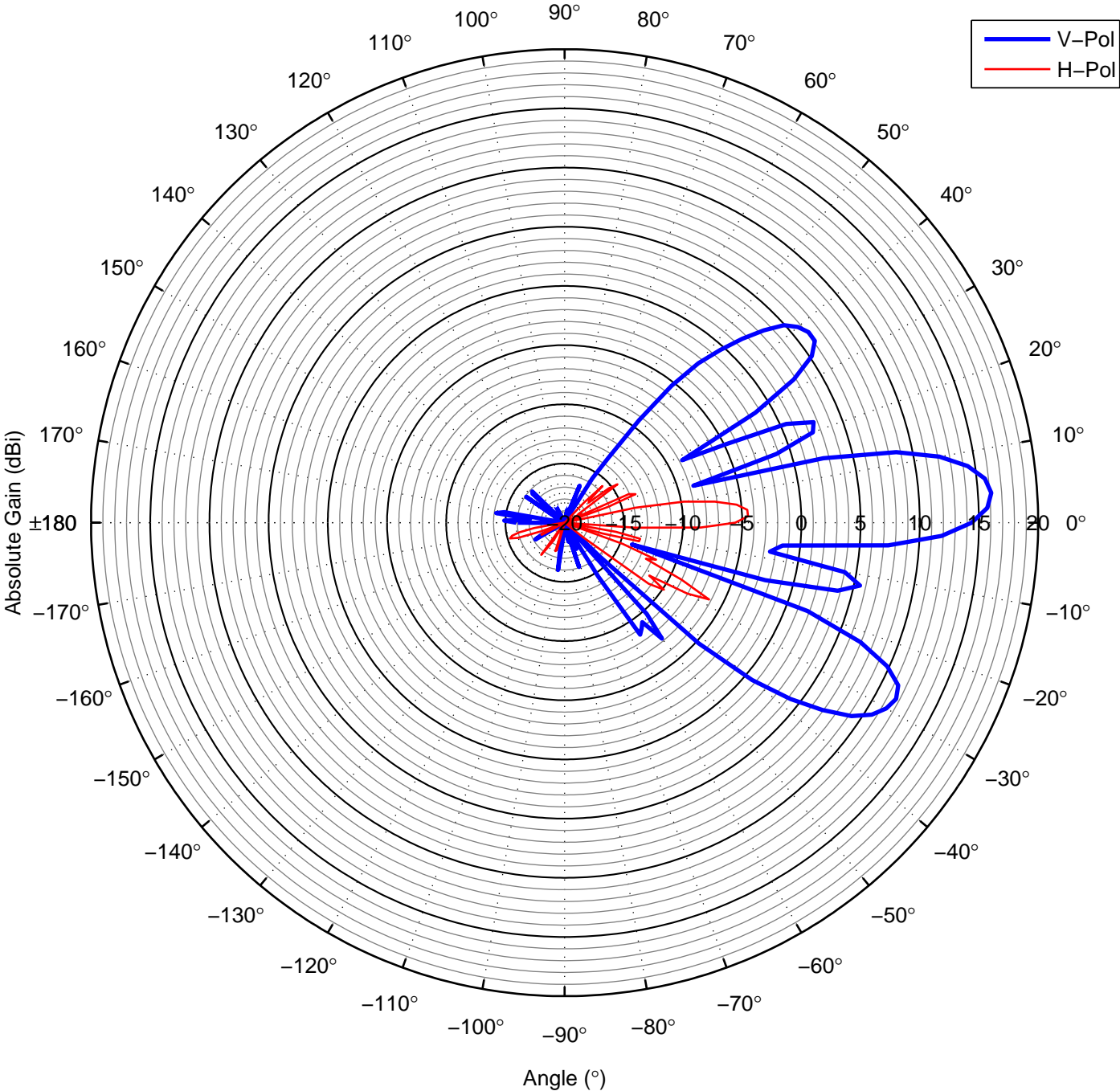


Figure #: 8



Printed Horn Array 2 SLA

06-May-2022

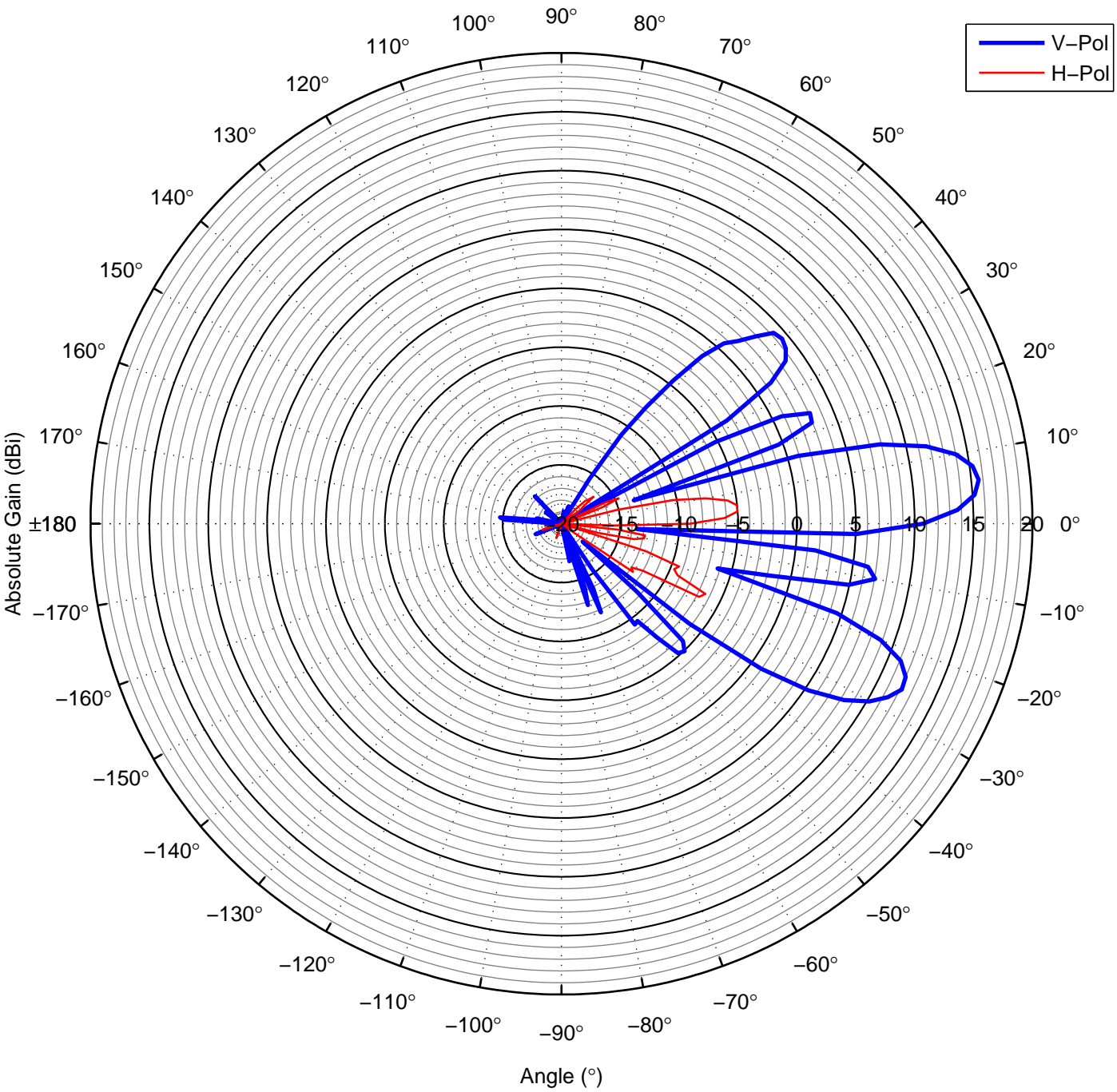
Antenna: SLA  
Frequency: 22 GHz  
Polarisation: V/H Linear  
Plane of Cut: Azimuth

Squint (6dB): 6.35° 5.85°

BW1 (3dB): 9.87° 9.60°

SLL: 3.48dB 1.40dB

Figure #: 9



Printed Horn Array 2 SLA

06-May-2022

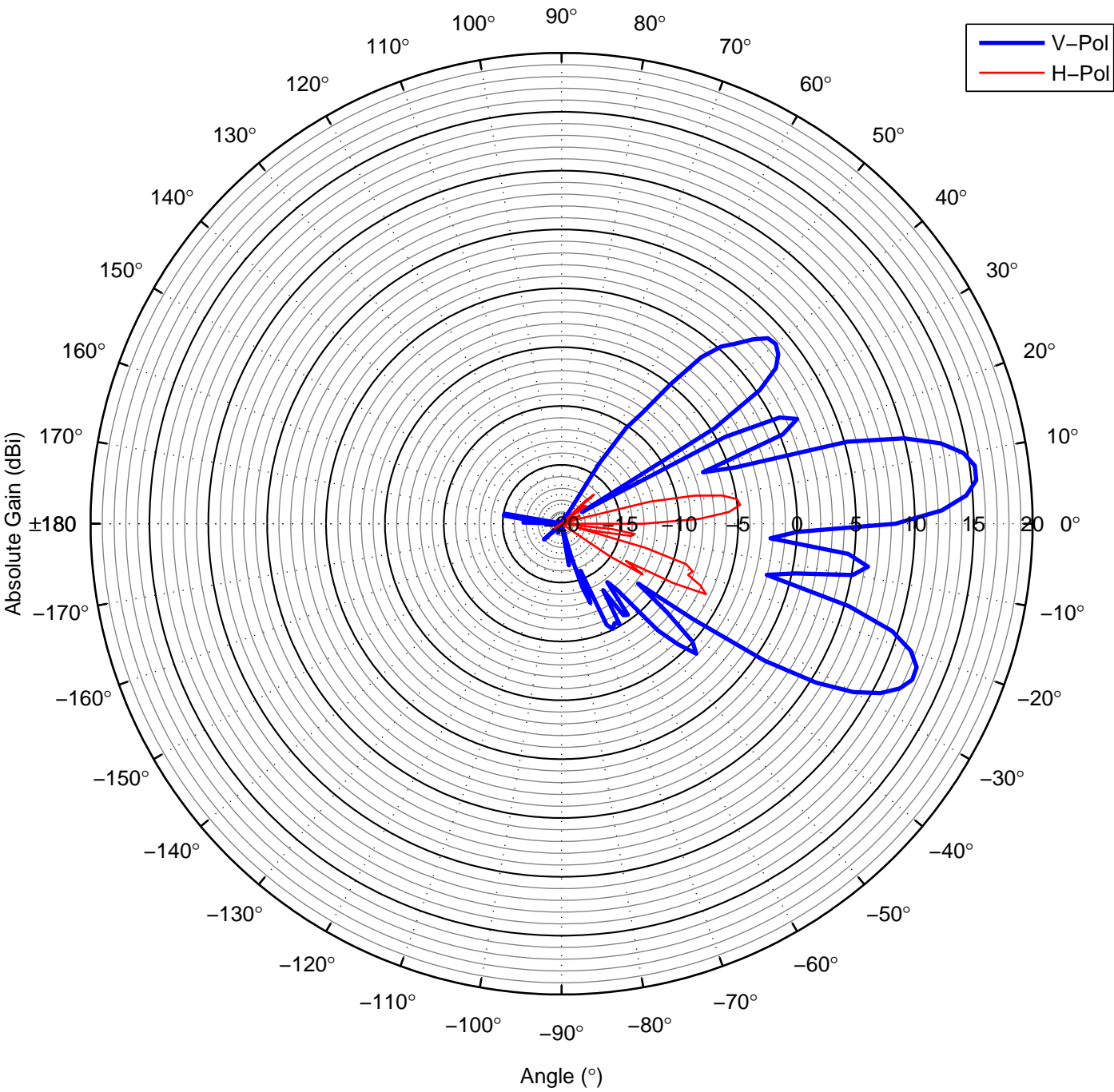
Antenna: SLA  
Frequency: 22.5 GHz  
Polarisation: V/H Linear  
Plane of Cut: Azimuth

Squint (6dB): 7.39° 7.08°

BW1 (3dB): 10.18° 8.94°

SLL: 2.84dB 1.59dB

Figure #: 10



Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): 9.16° 8.98°  
BW1 (3dB): 10.03° 10.05°  
SLL: 1.80dB 1.30dB

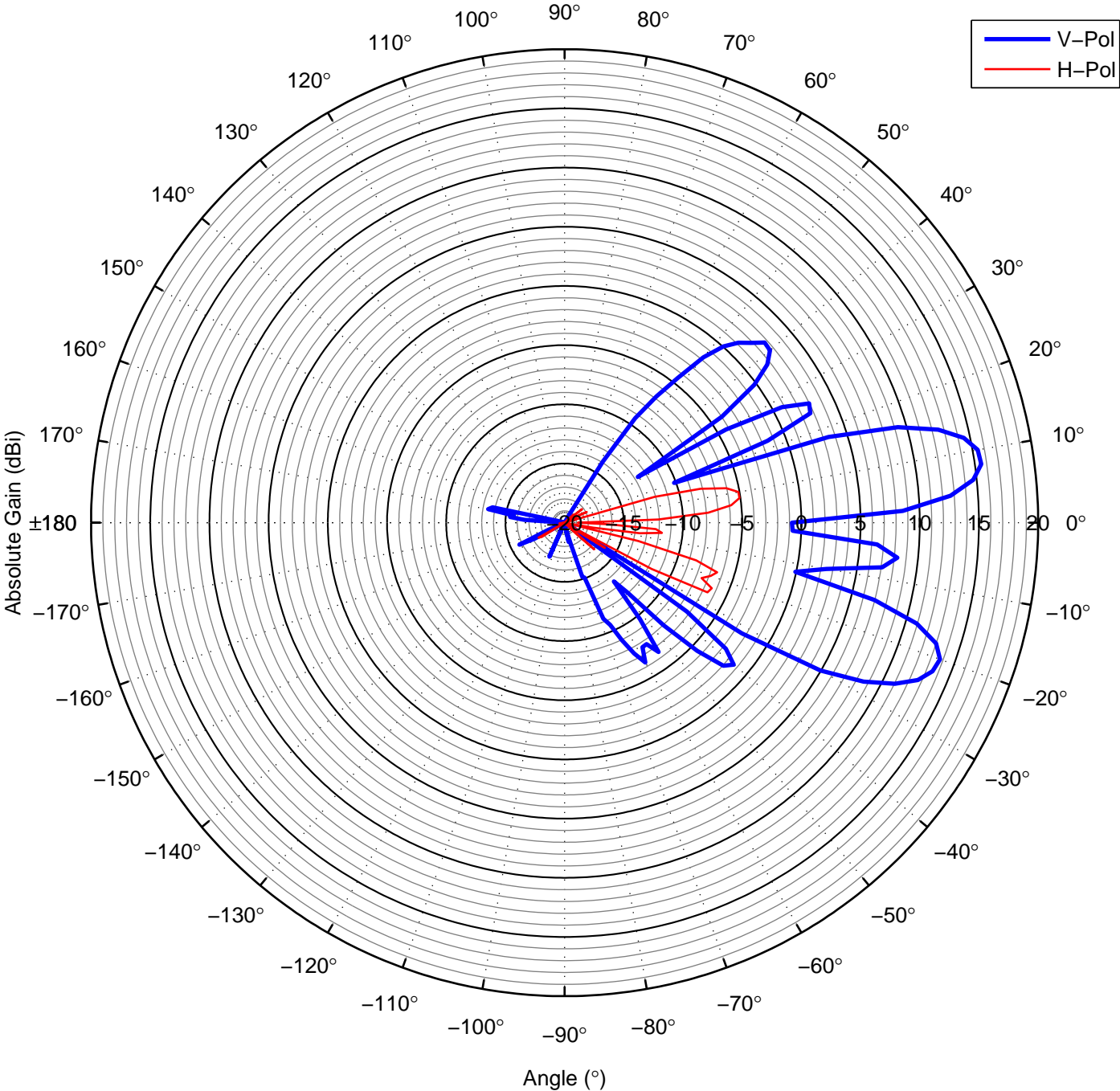


Figure #: 11

Printed Horn Array 2 SLA

06-May-2022

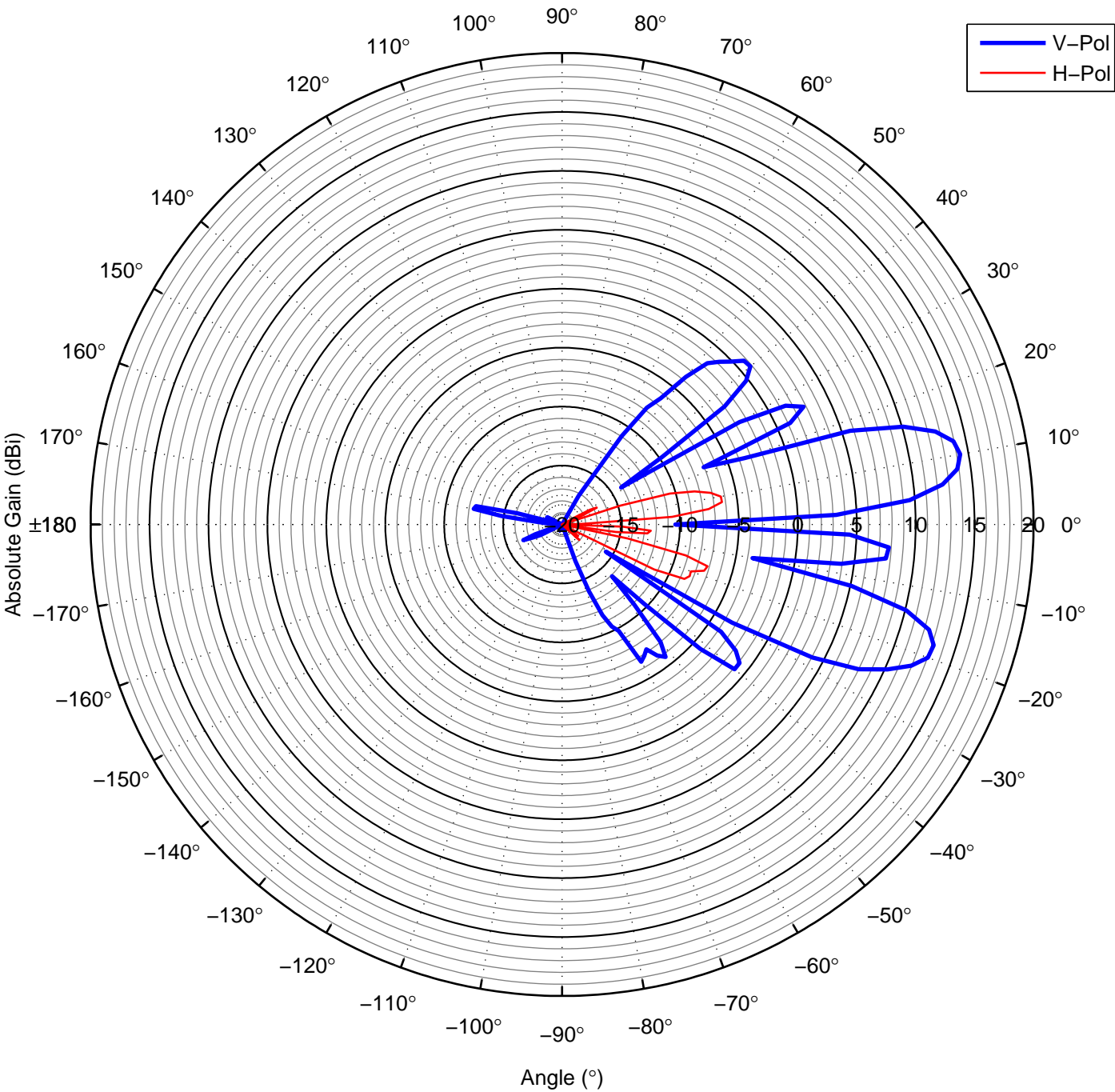
Antenna: SLA  
Frequency: 23.5 GHz  
Polarisation: V/H Linear  
Plane of Cut: Azimuth

Squint (6dB): 10.21° 10.20°

BW1 (3dB): 9.87° 10.00°

SLL: 1.14dB 0.86dB

Figure #: 12





Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): 11.36° -18.86°

BW1 (3dB): 10.00° 6.37°

SLL: 0.28dB 0.24dB

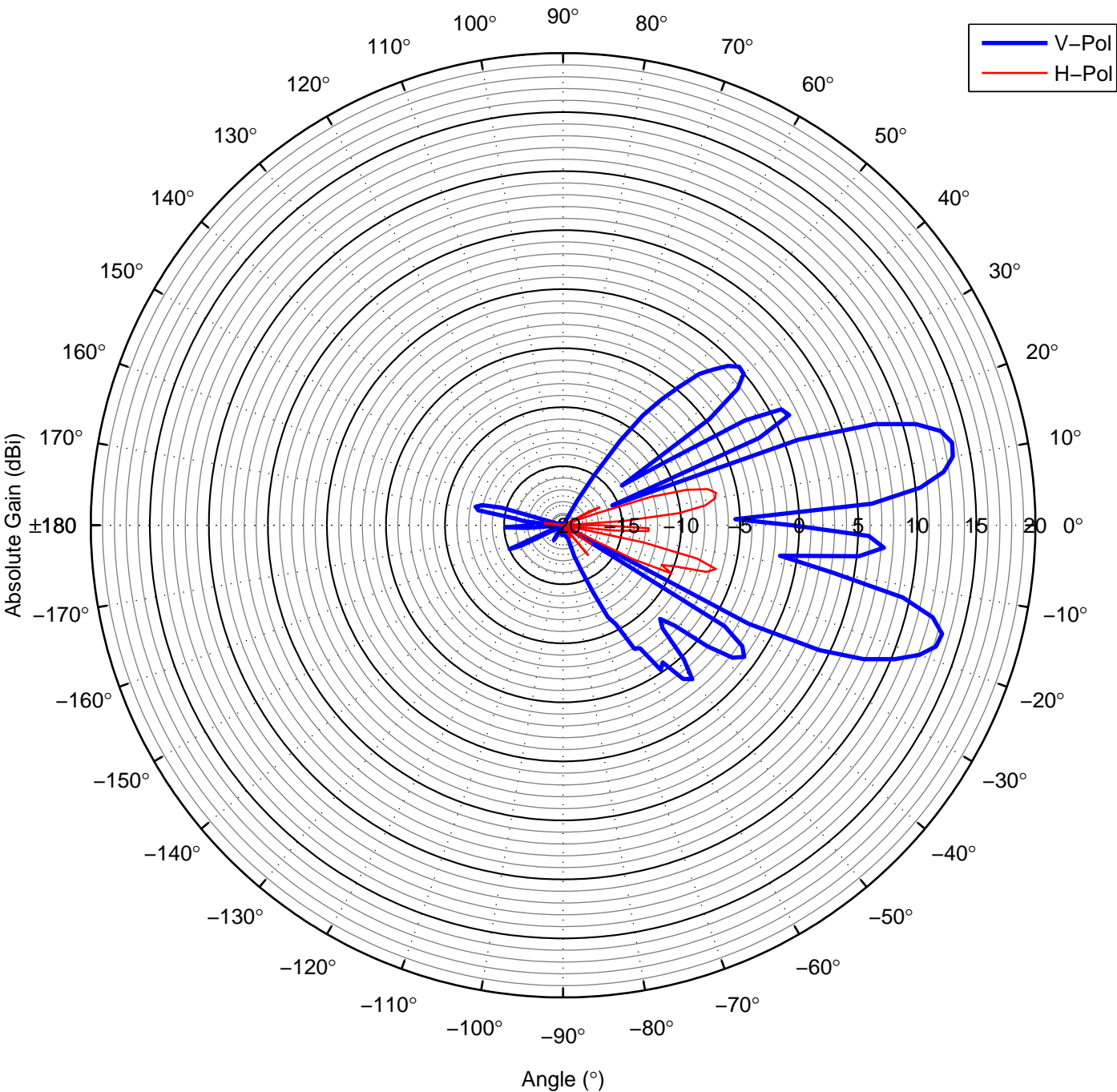


Figure #: 13

Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): -15.78° -15.63°

BW1 (3dB): 8.79° 7.94°

SLL: 0.42dB 1.47dB

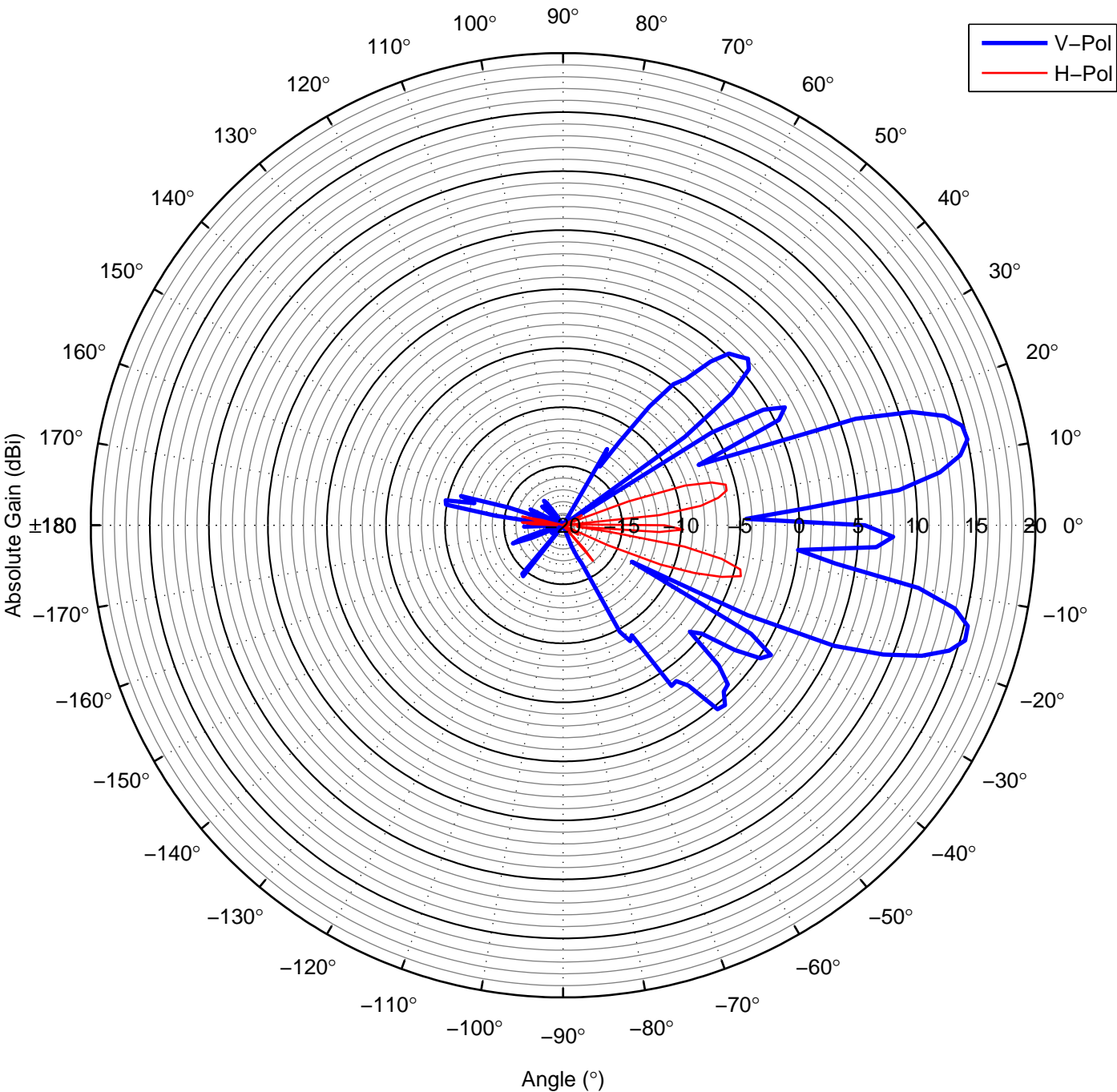


Figure #: 14

Printed Horn Array 2 SLA

06-May-2022

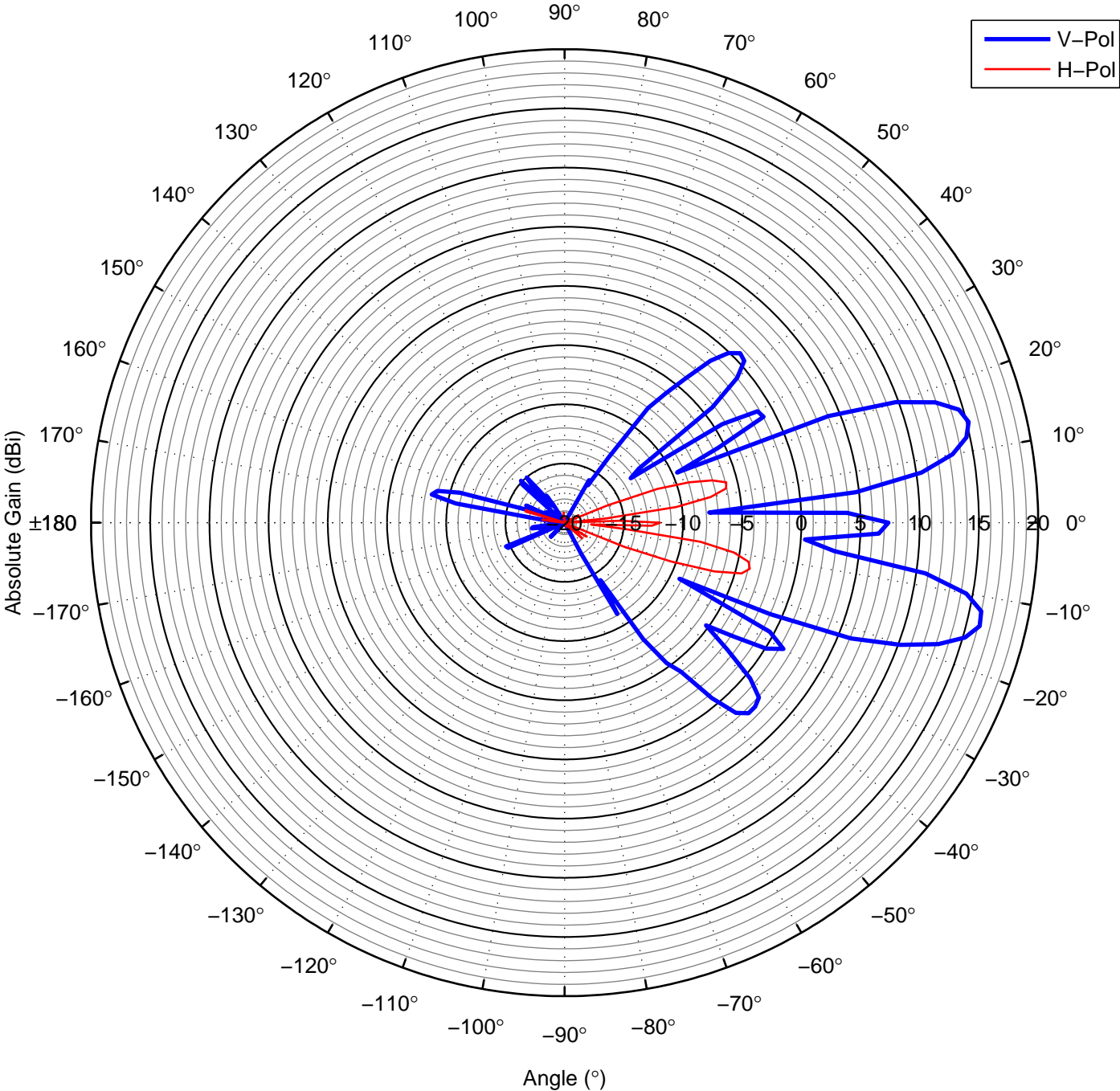
Antenna: SLA  
Frequency: 25 GHz  
Polarisation: V/H Linear  
Plane of Cut: Azimuth

Squint (6dB): -13.93° -13.62°

BW1 (3dB): 8.77° 9.06°

SLL: 0.96dB 2.05dB

Figure #: 15



Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): -11.87° -11.83°

BW1 (3dB): 8.57° 8.23°

SLL: 1.96dB 2.83dB

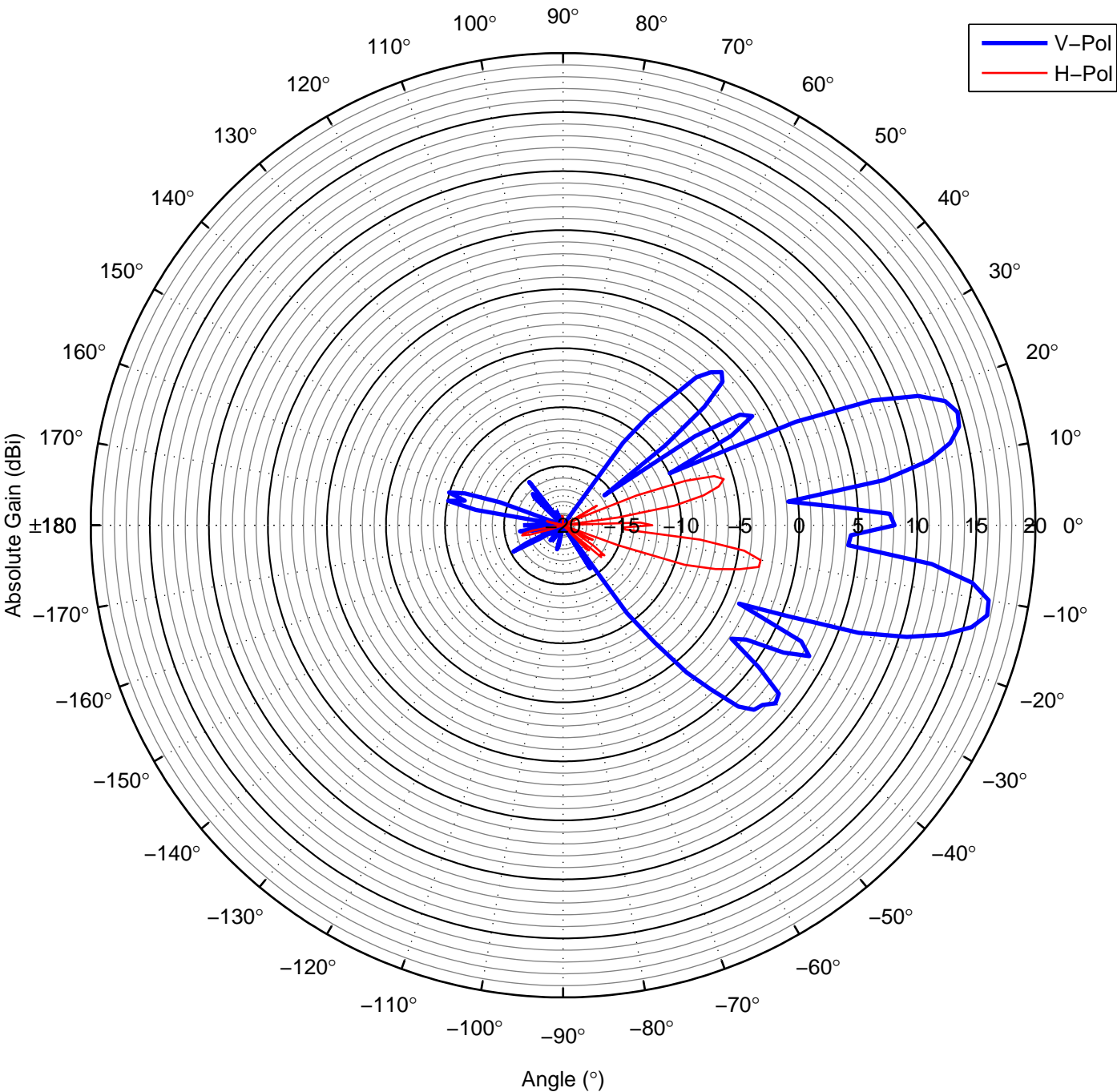


Figure #: 16



Printed Horn Array 2 SLA

06-May-2022

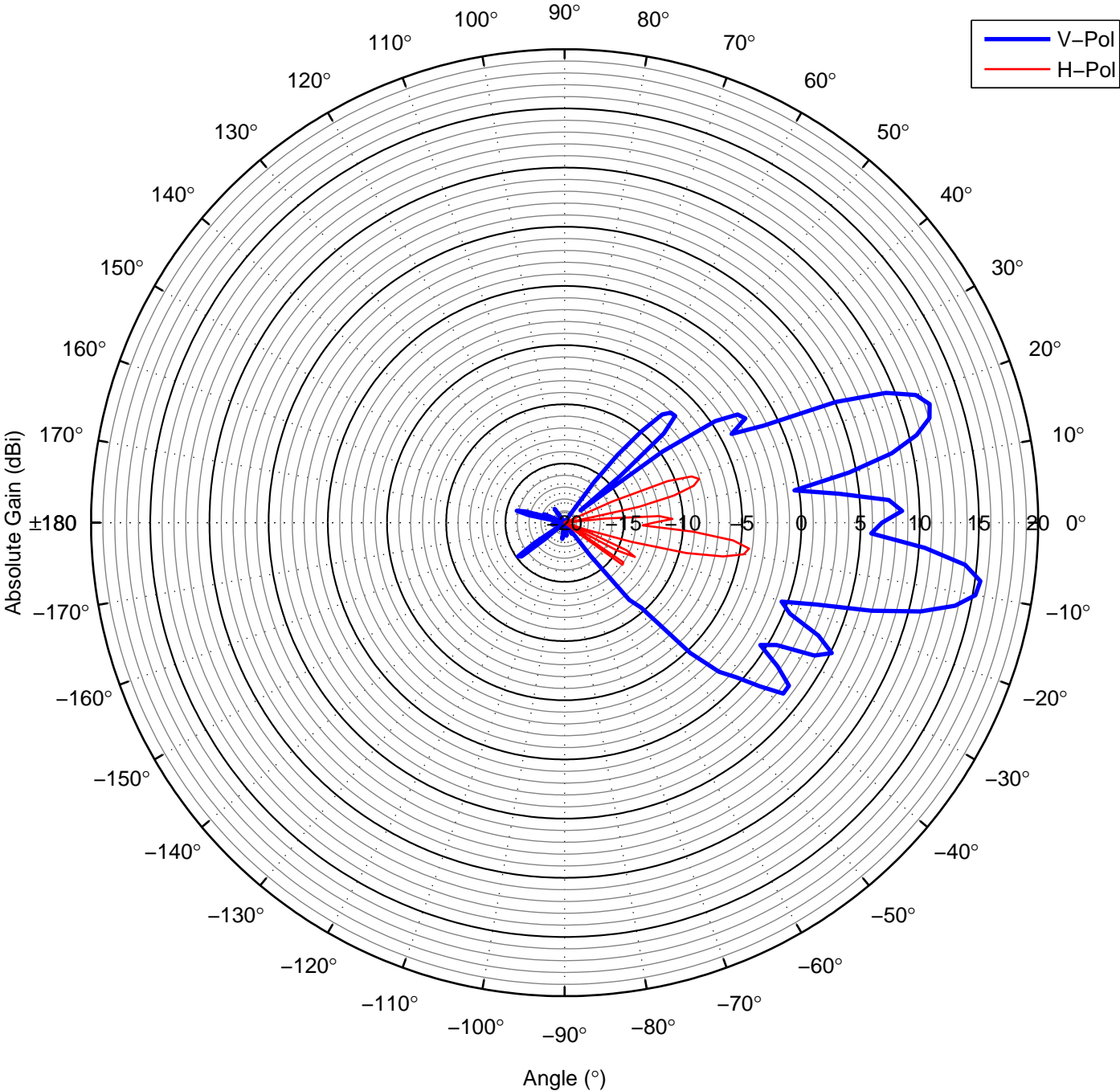
Antenna: SLA  
Frequency: 26 GHz  
Polarisation: V/H Linear  
Plane of Cut: Azimuth

Squint (6dB): -9.15° -8.92°

BW1 (3dB): 7.79° 7.52°

SLL: 3.04dB 3.80dB

Figure #: 17



Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): -7.70° -7.37°

BW1 (3dB): 7.71° 7.12°

SLL: 3.88dB 5.05dB

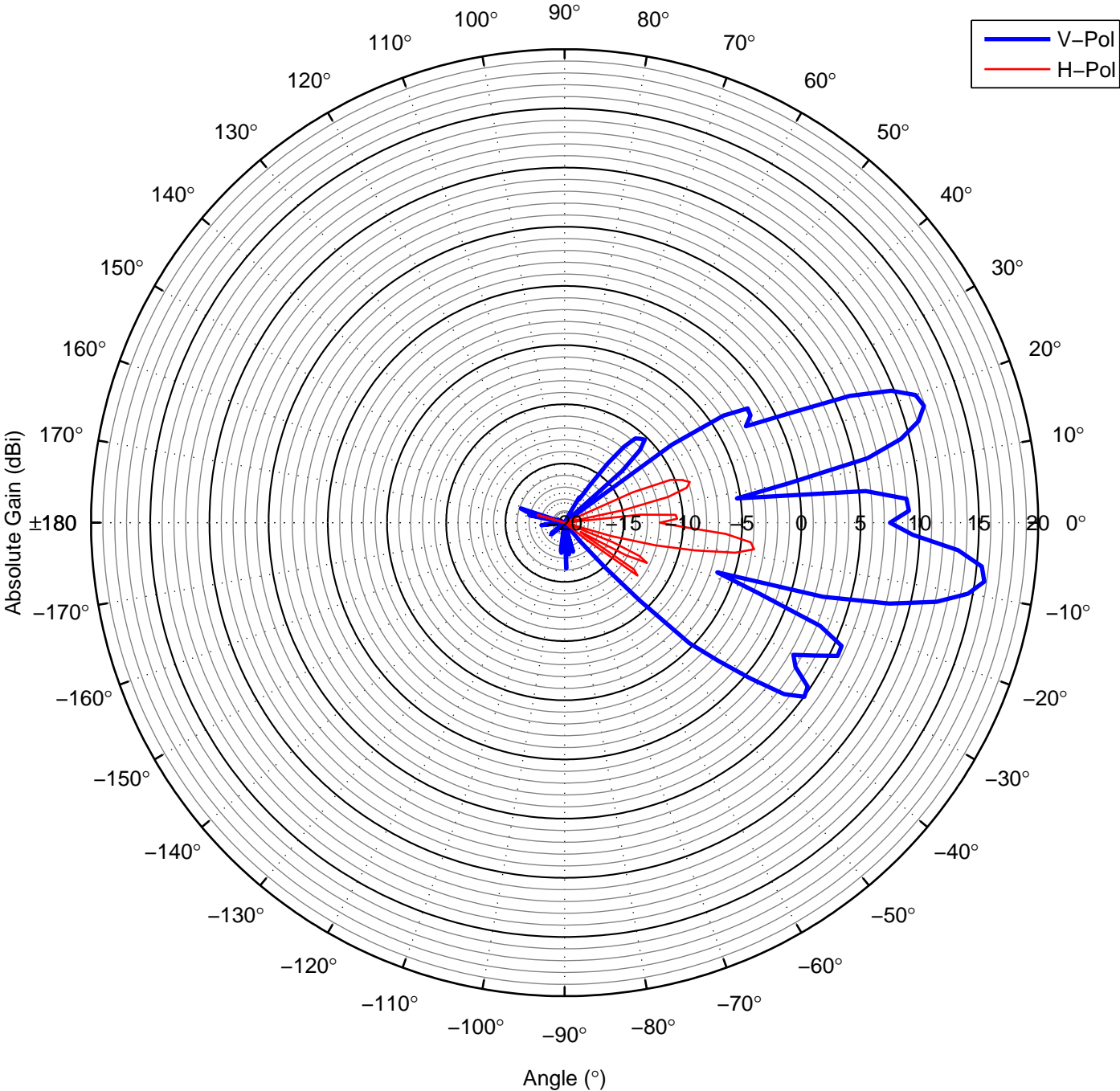


Figure #: 18

Printed Horn Array 2 SLA

06-May-2022

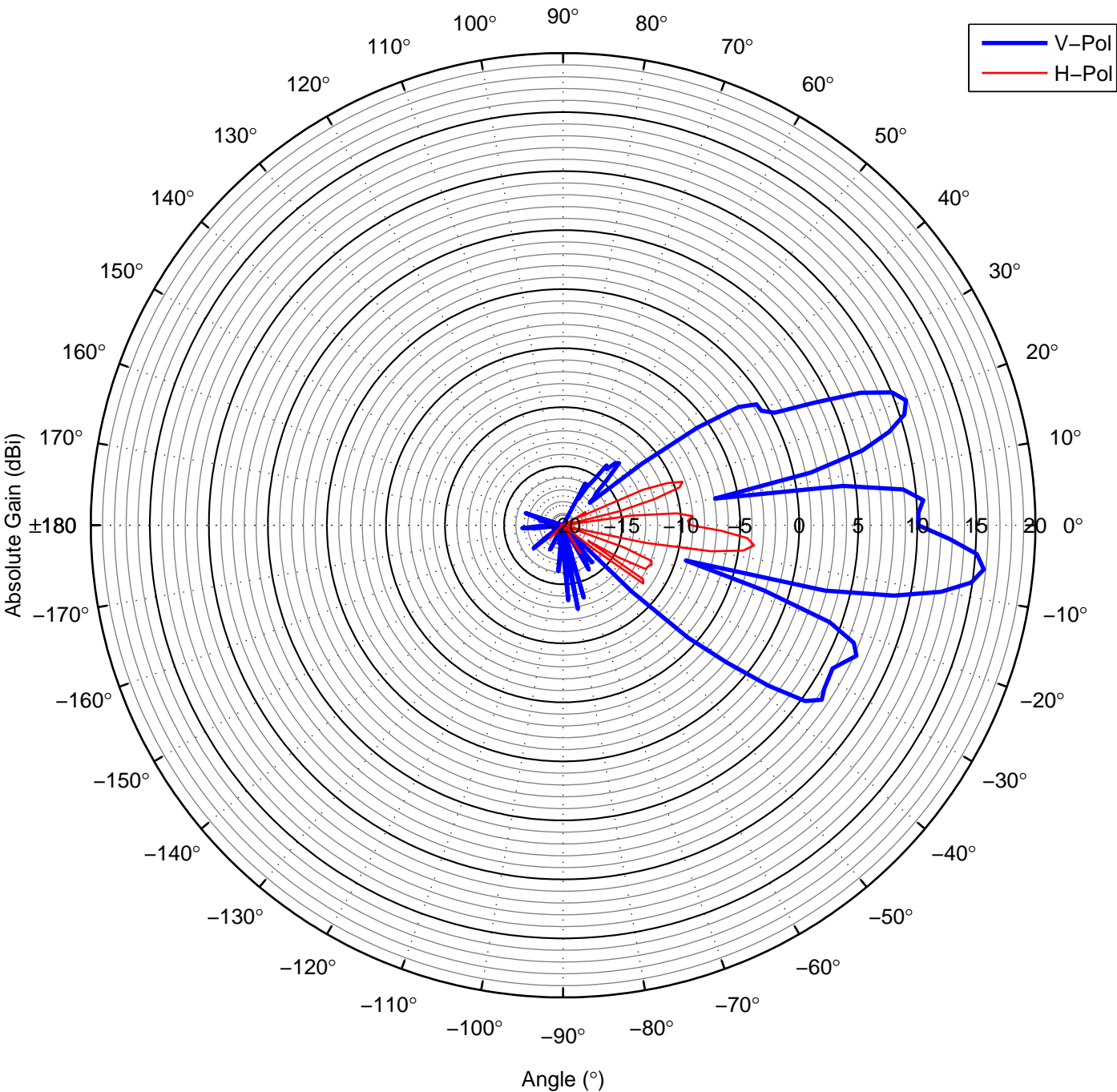
Antenna: SLA  
Frequency: 27 GHz  
Polarisation: V/H Linear  
Plane of Cut: Azimuth

Squint (6dB): -3.23° -2.89°

BW1 (3dB): 7.63° 7.70°

SLL: 4.93dB 5.25dB

Figure #: 19



Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): -1.93° -1.78°

BW1 (3dB): 7.73° 7.89°

SLL: 4.43dB 5.46dB

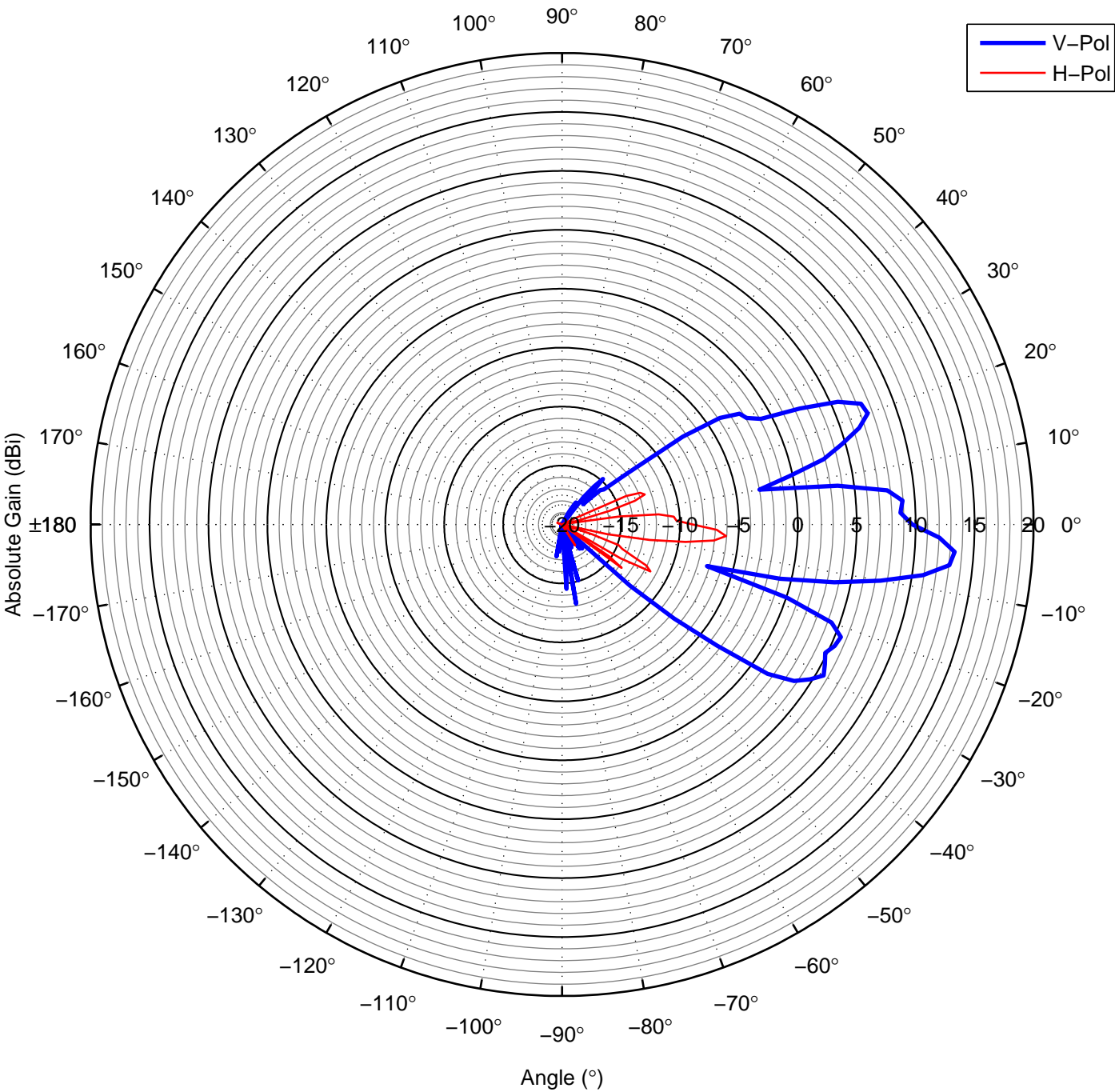


Figure #: 20



Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): -0.73° -0.71°

BW1 (3dB): 8.78° 8.06°

SLL: 6.50dB 4.38dB

Figure #: 21

