

Printed Horn Array 2 SLA

06-May-2022

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

Squint (6dB): 2.74° -77.53°

BW1 (3dB): 54.74° 11.59°

SLL: 0.03dB 0.08dB

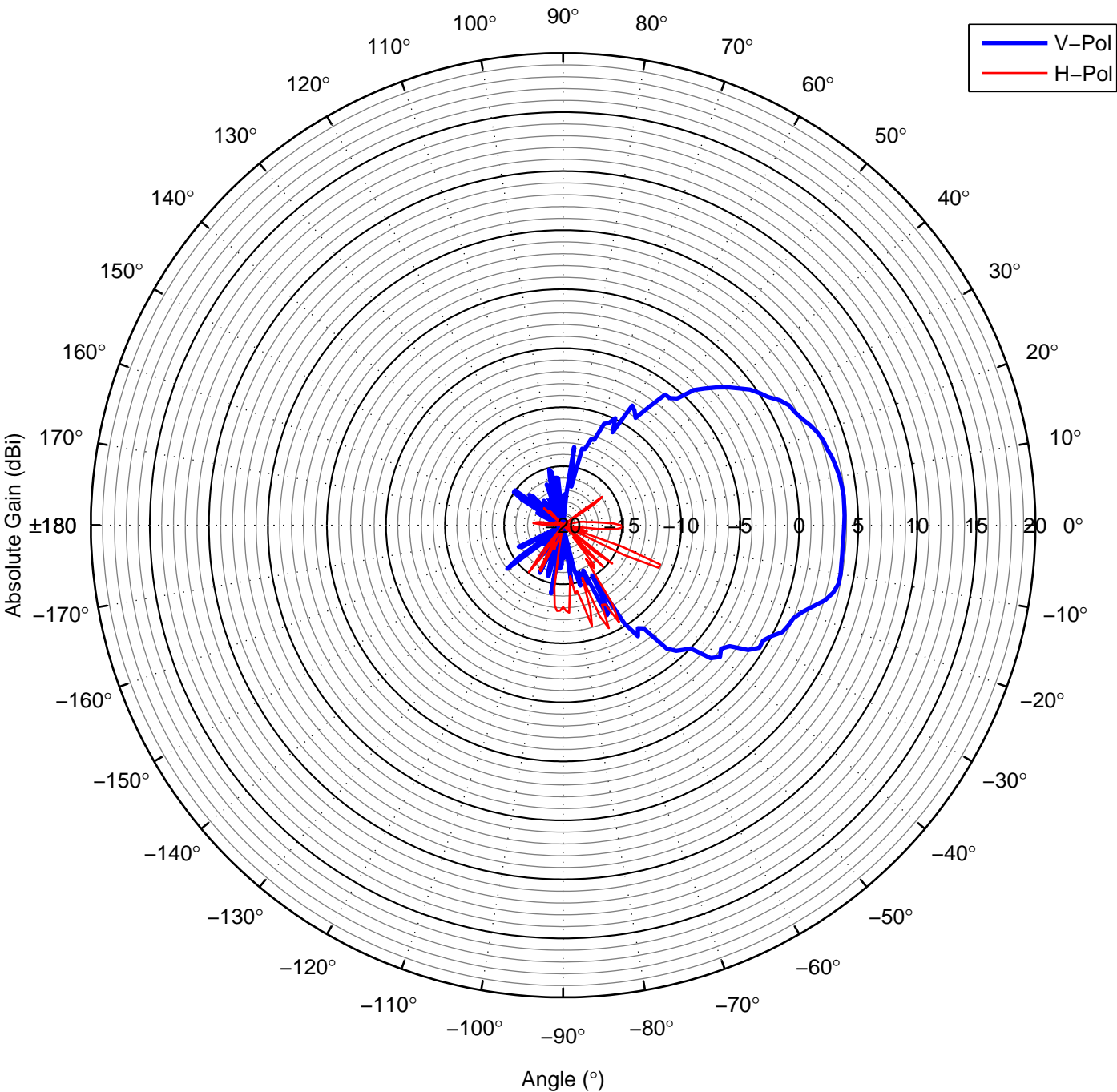


Figure #: 1

Printed Horn Array 2 SLA

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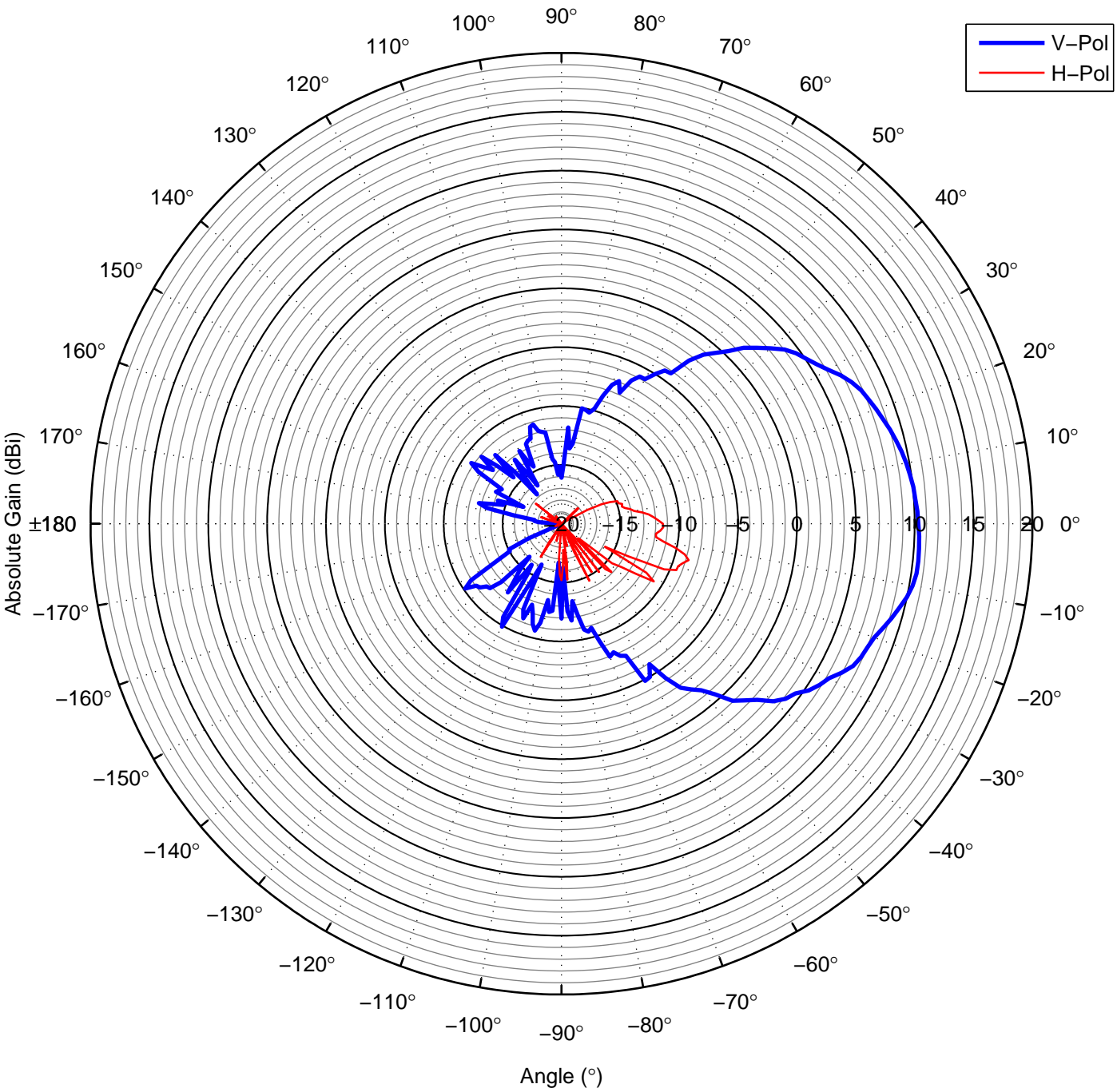
Antenna: SLA
Frequency: 18.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): 0.07° -3.86°

BW1 (3dB): 52.08° 16.40°

SLL: 15.34dB 1.99dB

Figure #: 2



Printed Horn Array 2 SLA

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

Squint (6dB): -0.15° -6.92°

BW1 (3dB): 50.92° 37.77°

SLL: 16.41dB 2.34dB

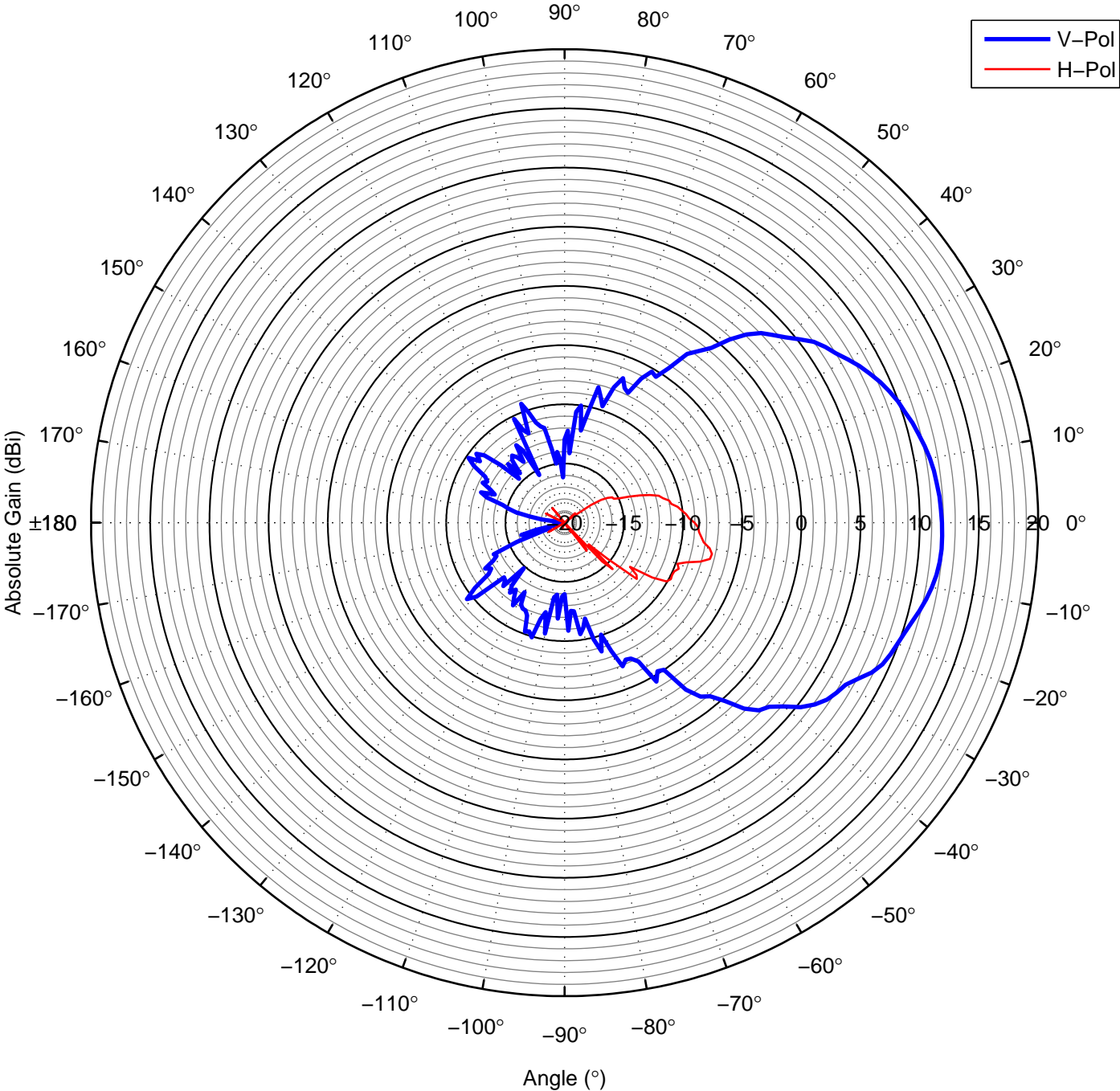


Figure #: 3

Printed Horn Array 2 SLA

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

Squint (6dB): -0.06° -7.32°

BW1 (3dB): 49.11° 43.80°

SLL: 20.29dB 0.63dB

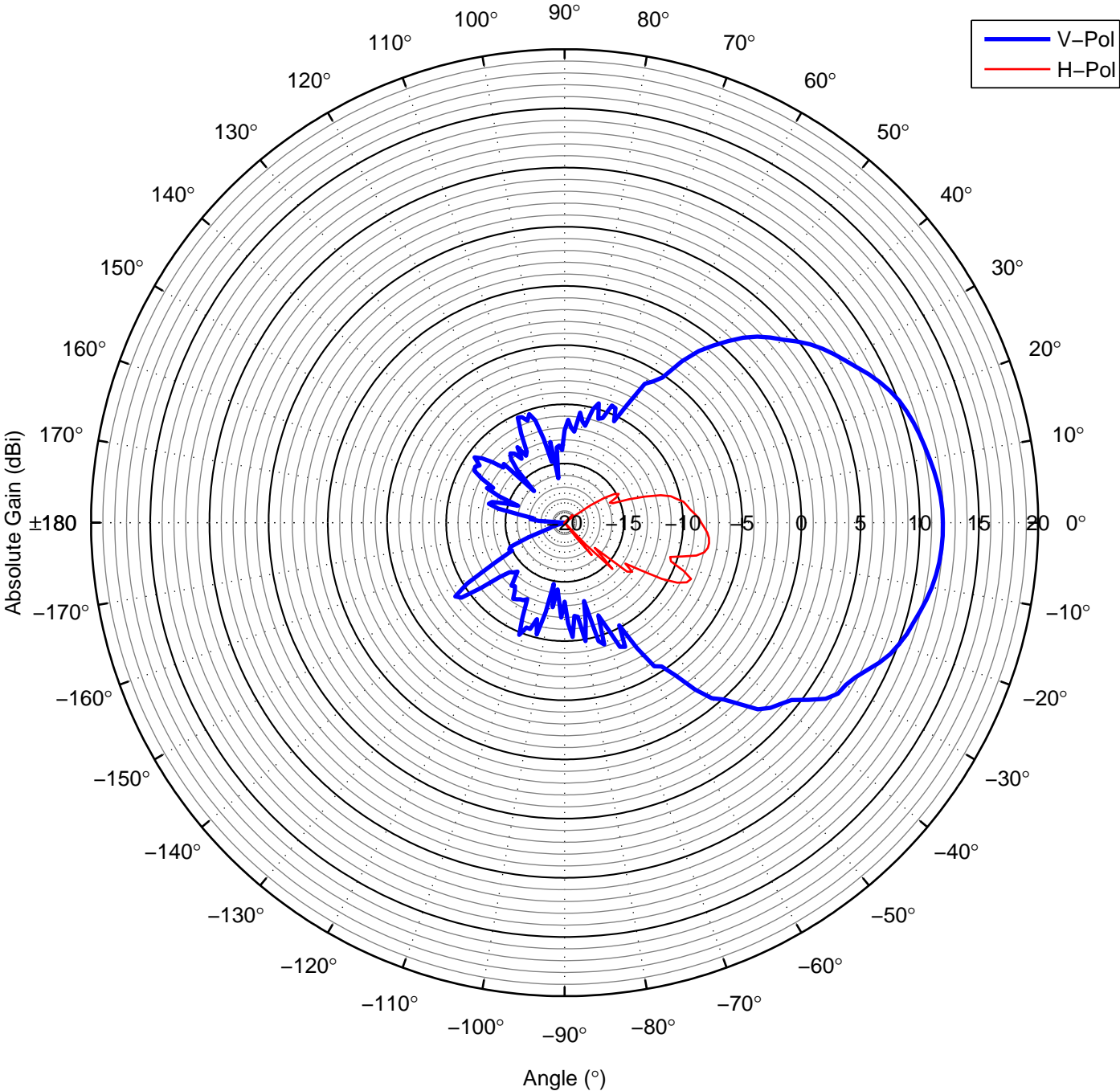


Figure #: 4

Printed Horn Array 2 SLA

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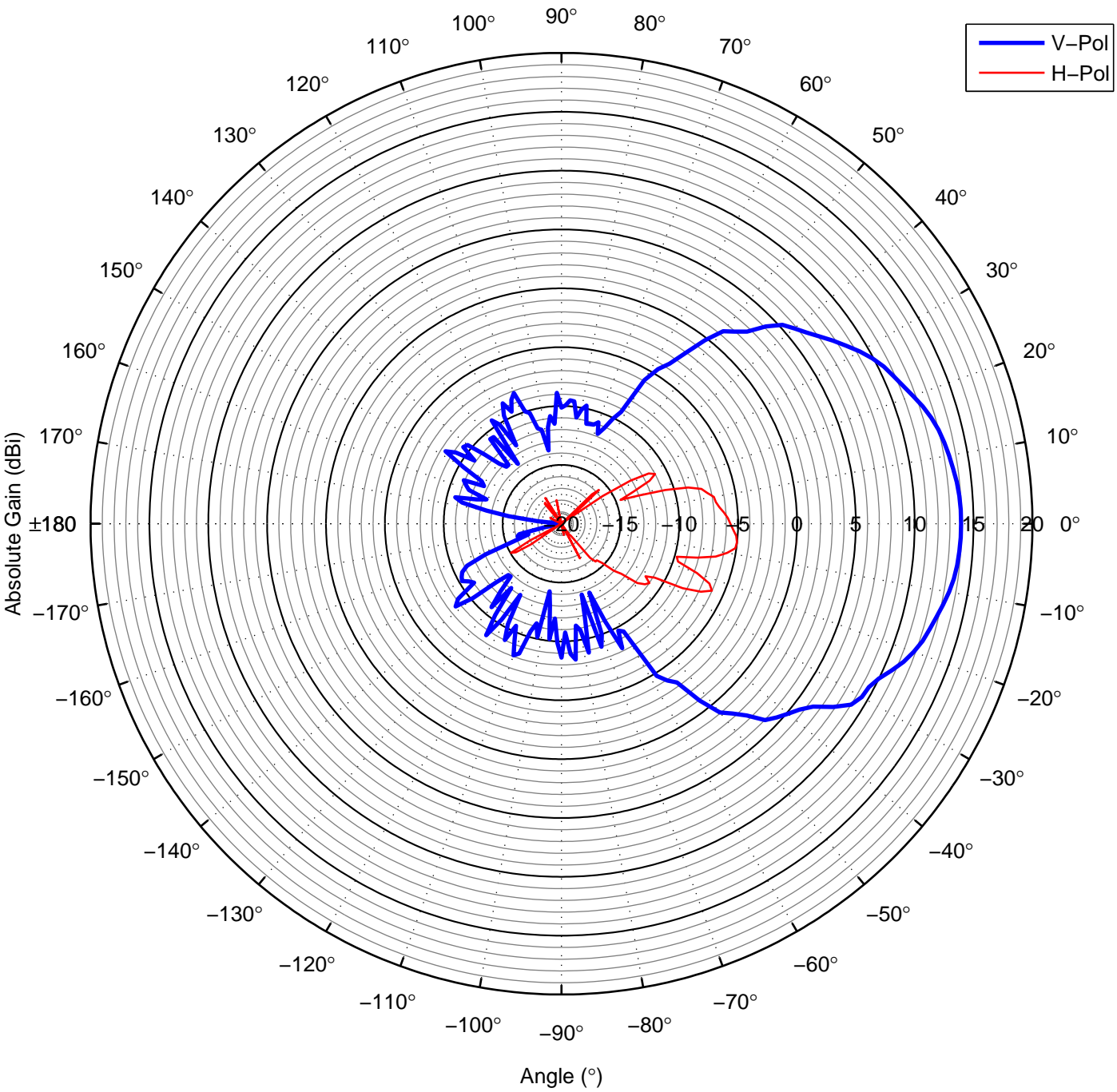
Antenna: SLA
Frequency: 20 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -0.09° -6.10°

BW1 (3dB): 46.78° 28.35°

SLL: 22.05dB 1.00dB

Figure #: 5



Printed Horn Array 2 SLA

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

Squint (6dB): 0.02° 1.13°
BW1 (3dB): 44.84° 27.36°
SLL: 17.81dB 0.80dB

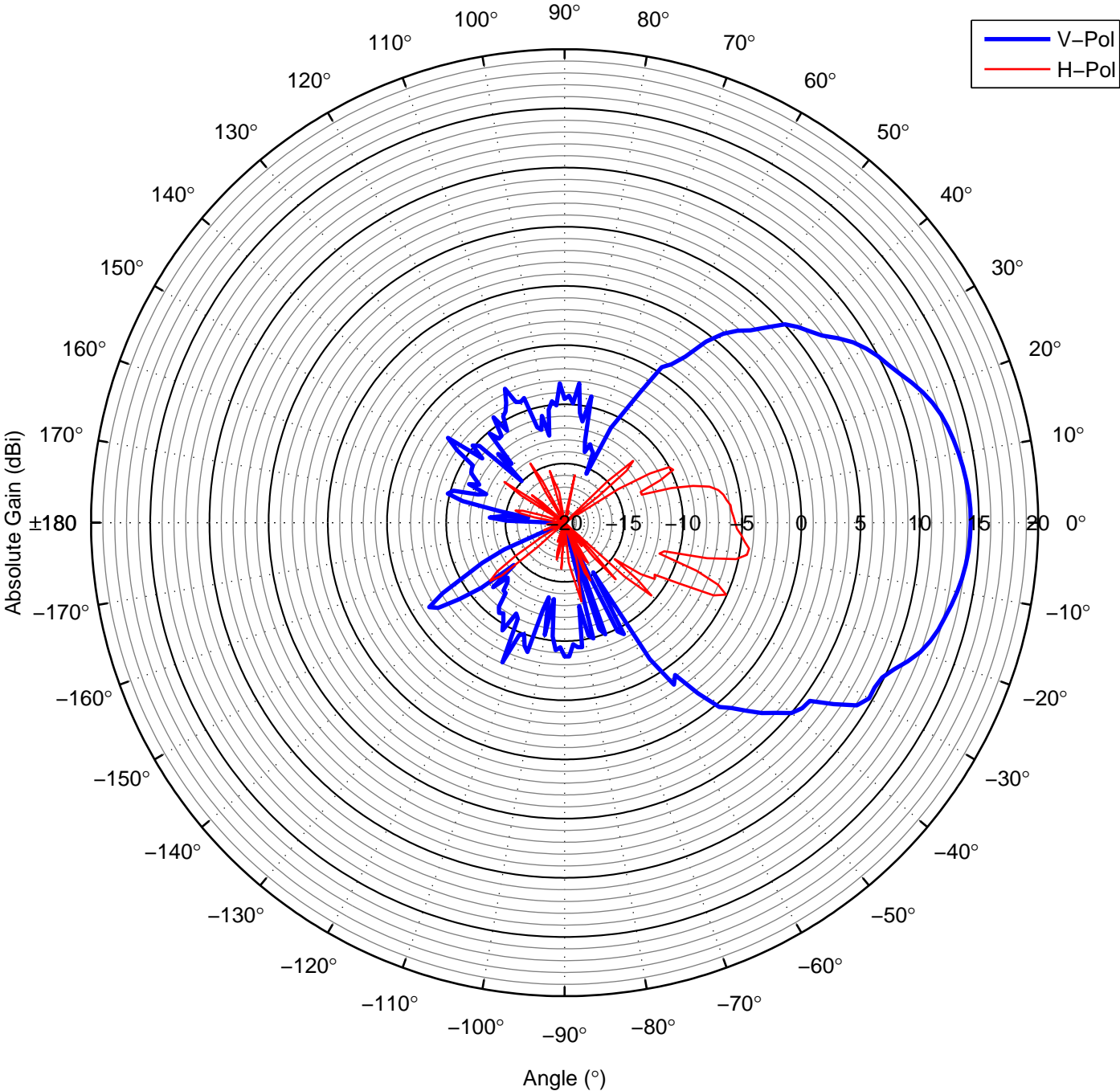


Figure #: 6

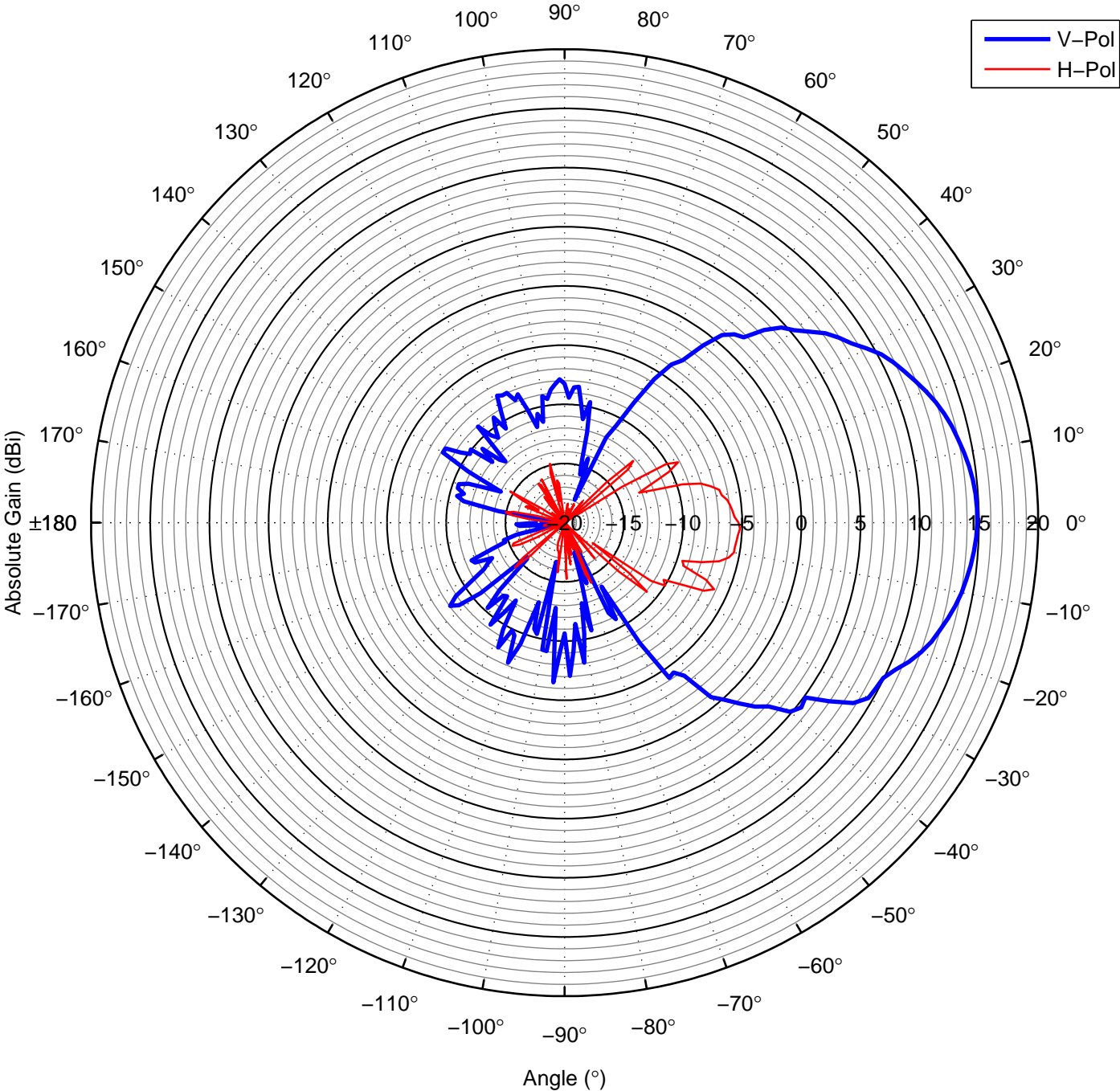
Antenna: SLA
Frequency: 21 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -0.20° -7.28°

BW1 (3dB): 42.79° 32.51°

SLL: 9.51dB 1.00dB

Figure #: 7



Printed Horn Array 2 SLA

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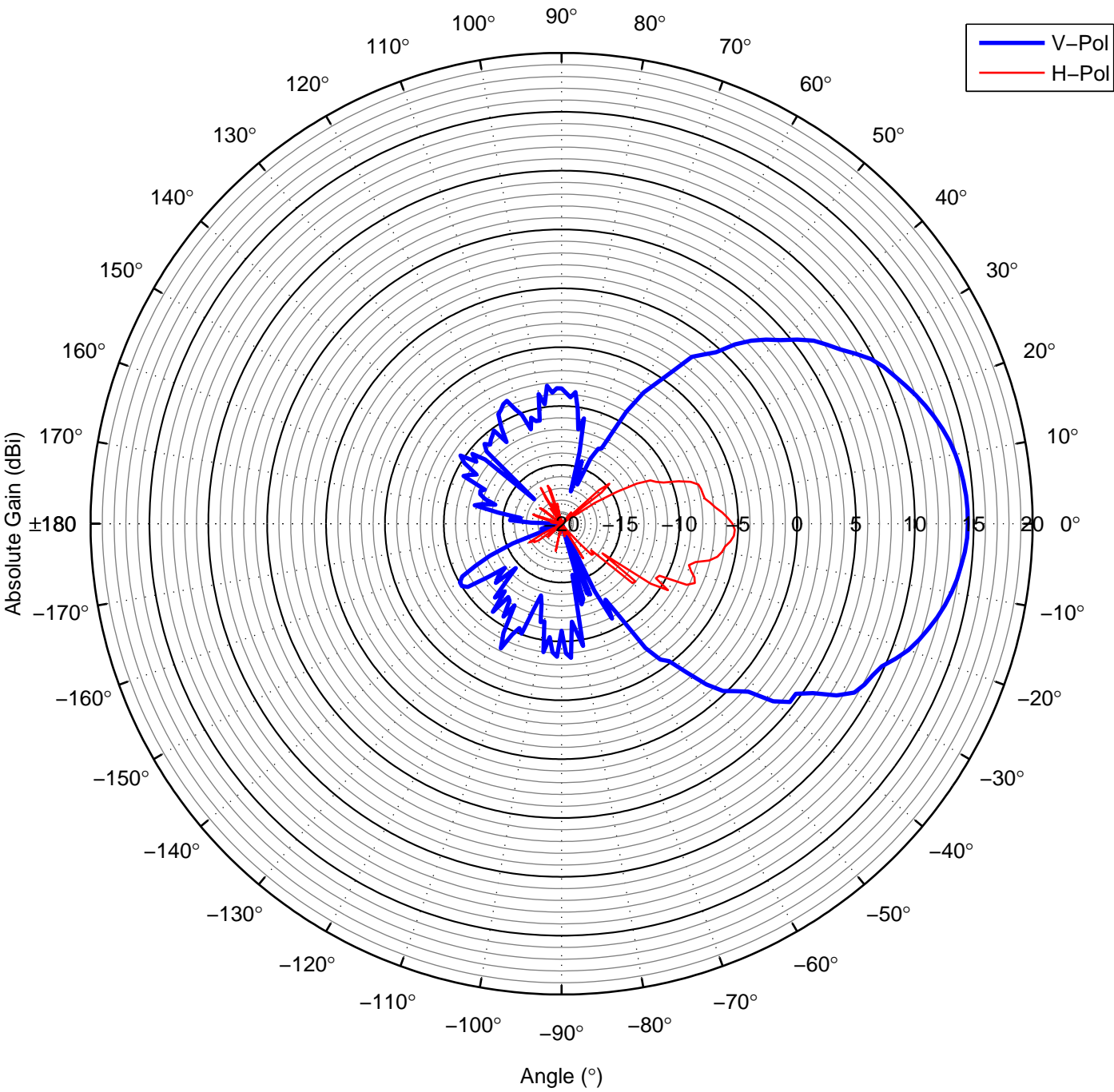
Antenna: SLA
Frequency: 21.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): 0.23° -5.00°

BW1 (3dB): 41.31° 33.82°

SLL: 22.71dB 2.33dB

Figure #: 8



Printed Horn Array 2 SLA

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

Squint (6dB): 0.91° -1.04°

BW1 (3dB): 39.43° 24.22°

SLL: 20.79dB 2.46dB

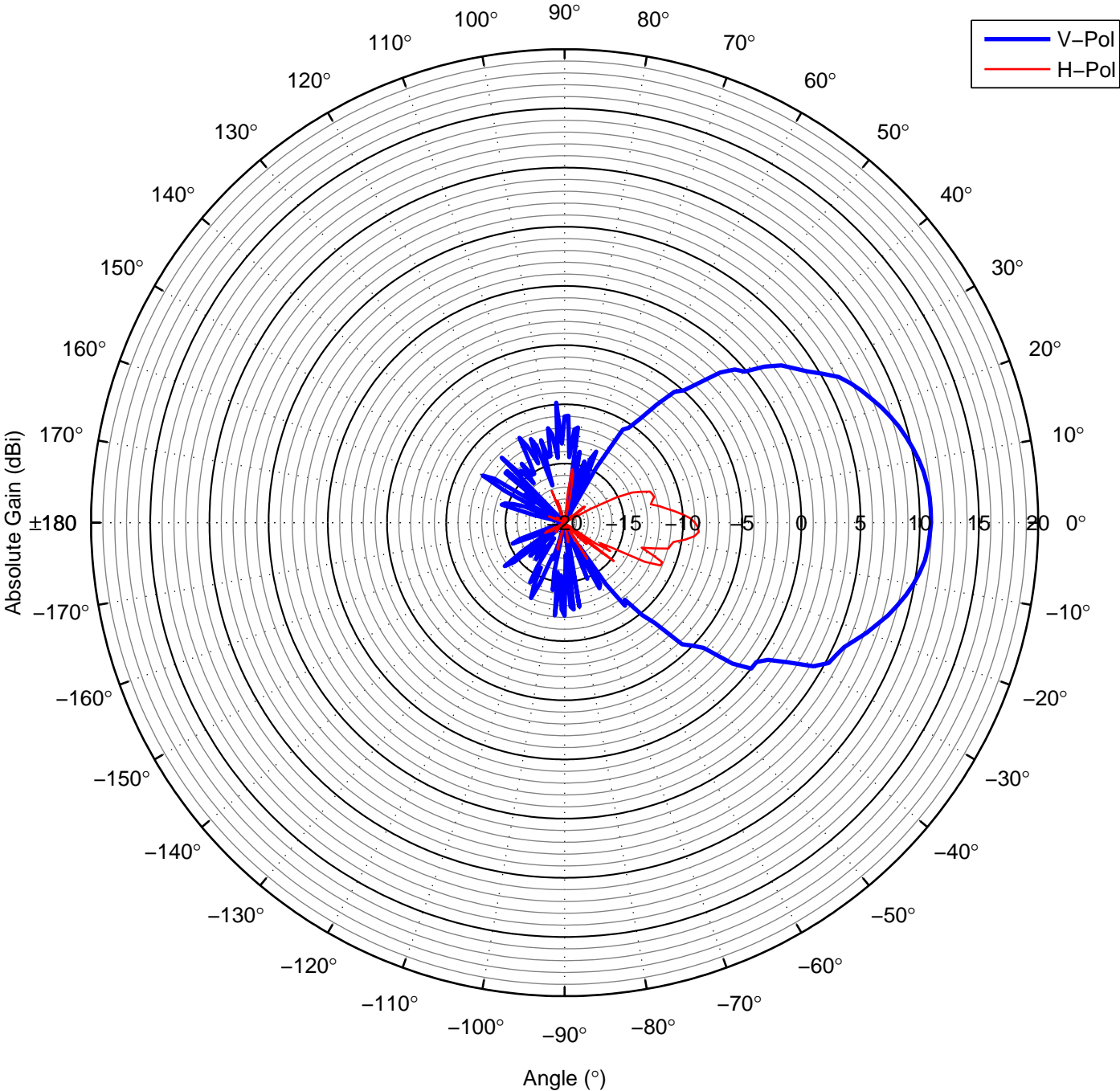


Figure #: 9

Printed Horn Array 2 SLA

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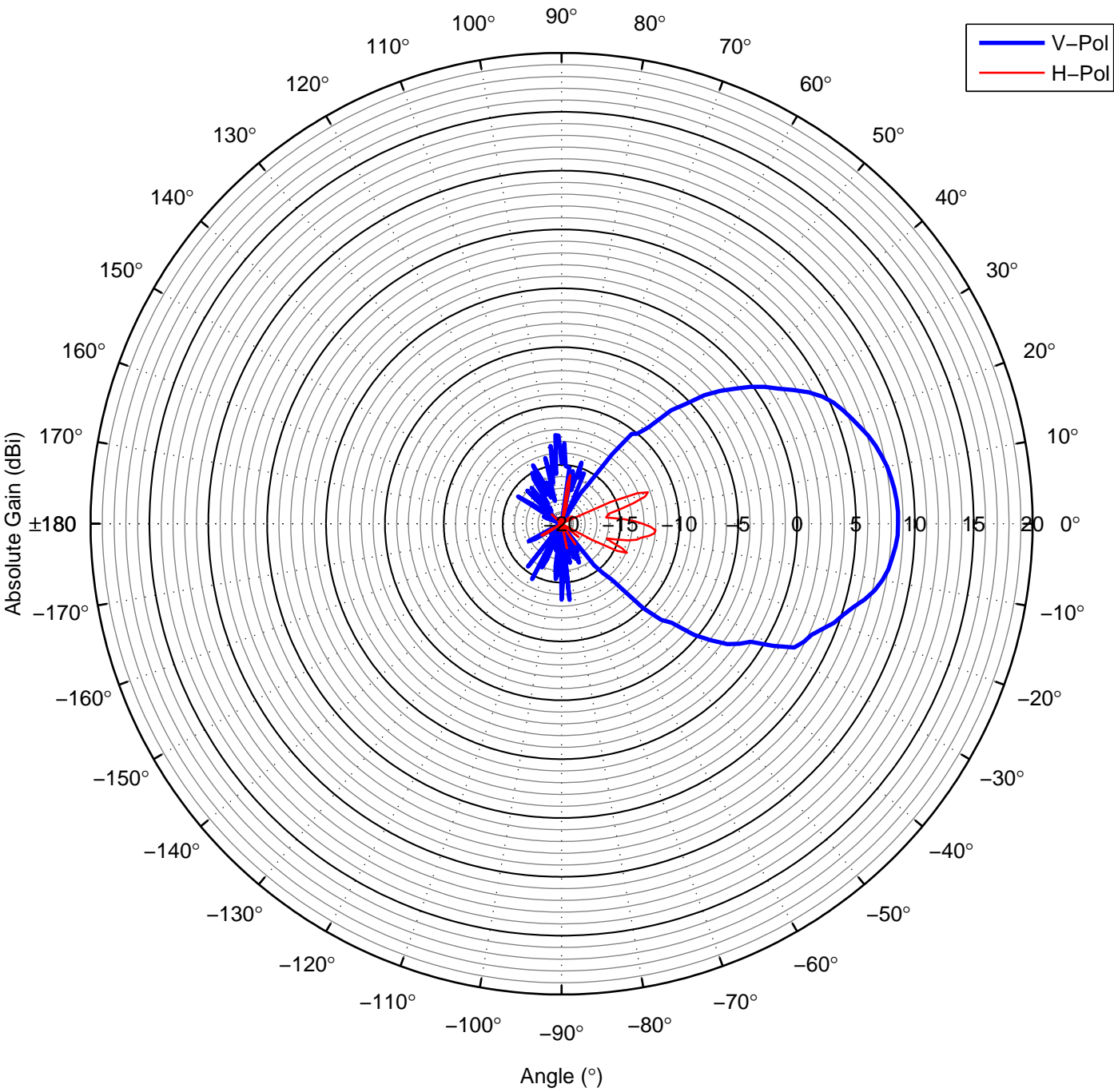
Antenna: SLA
Frequency: 22.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): 1.53° -1.59°

BW1 (3dB): 39.24° 20.59°

SLL: 21.05dB 0.20dB

Figure #: 10



Printed Horn Array 2 SLA

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

Squint (6dB): 8.19° 124.47°

BW1 (3dB): 39.08° 3.45°

SLL: 7.78dB 0.03dB

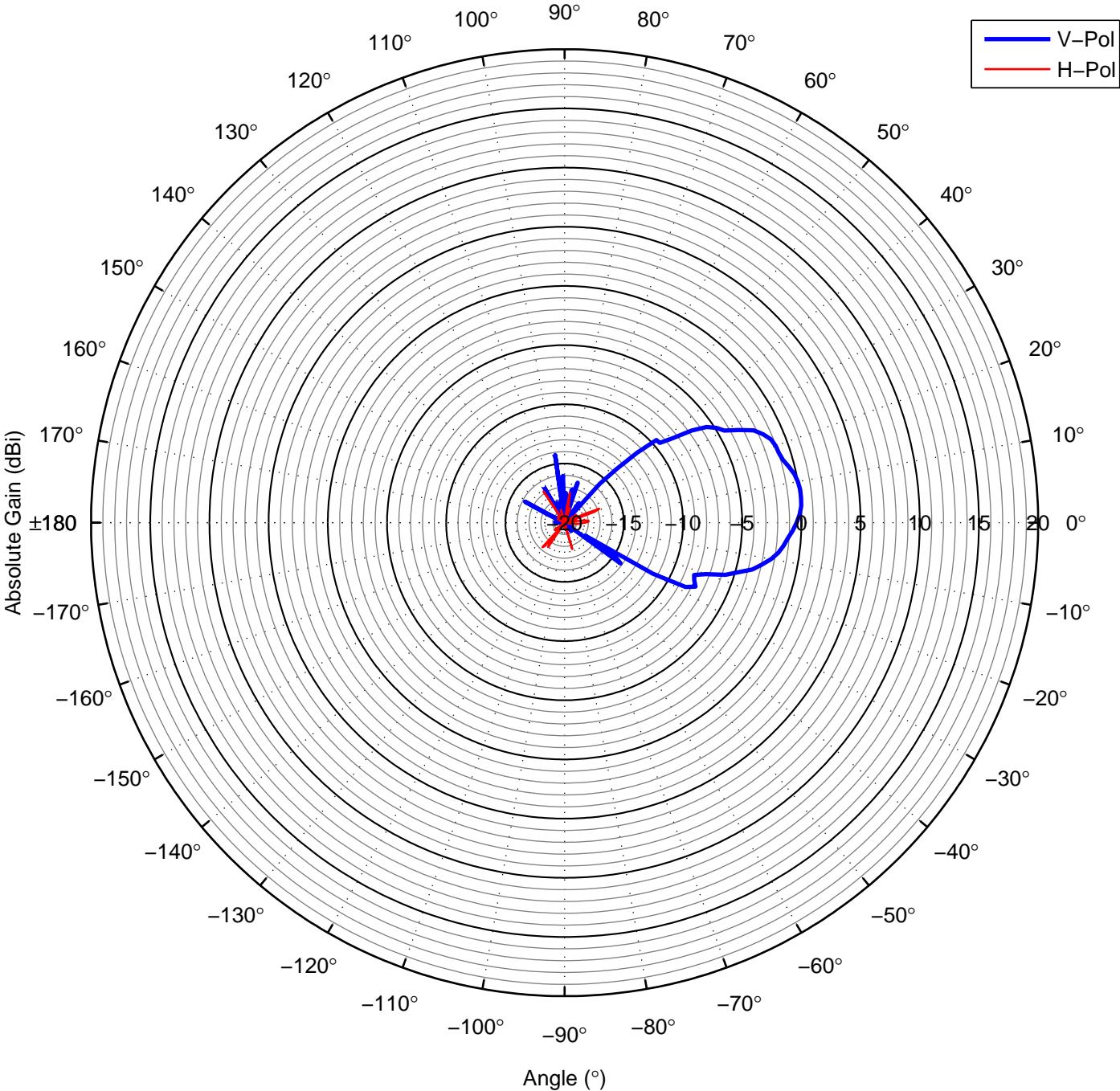


Figure #: 11

Printed Horn Array 2 SLA

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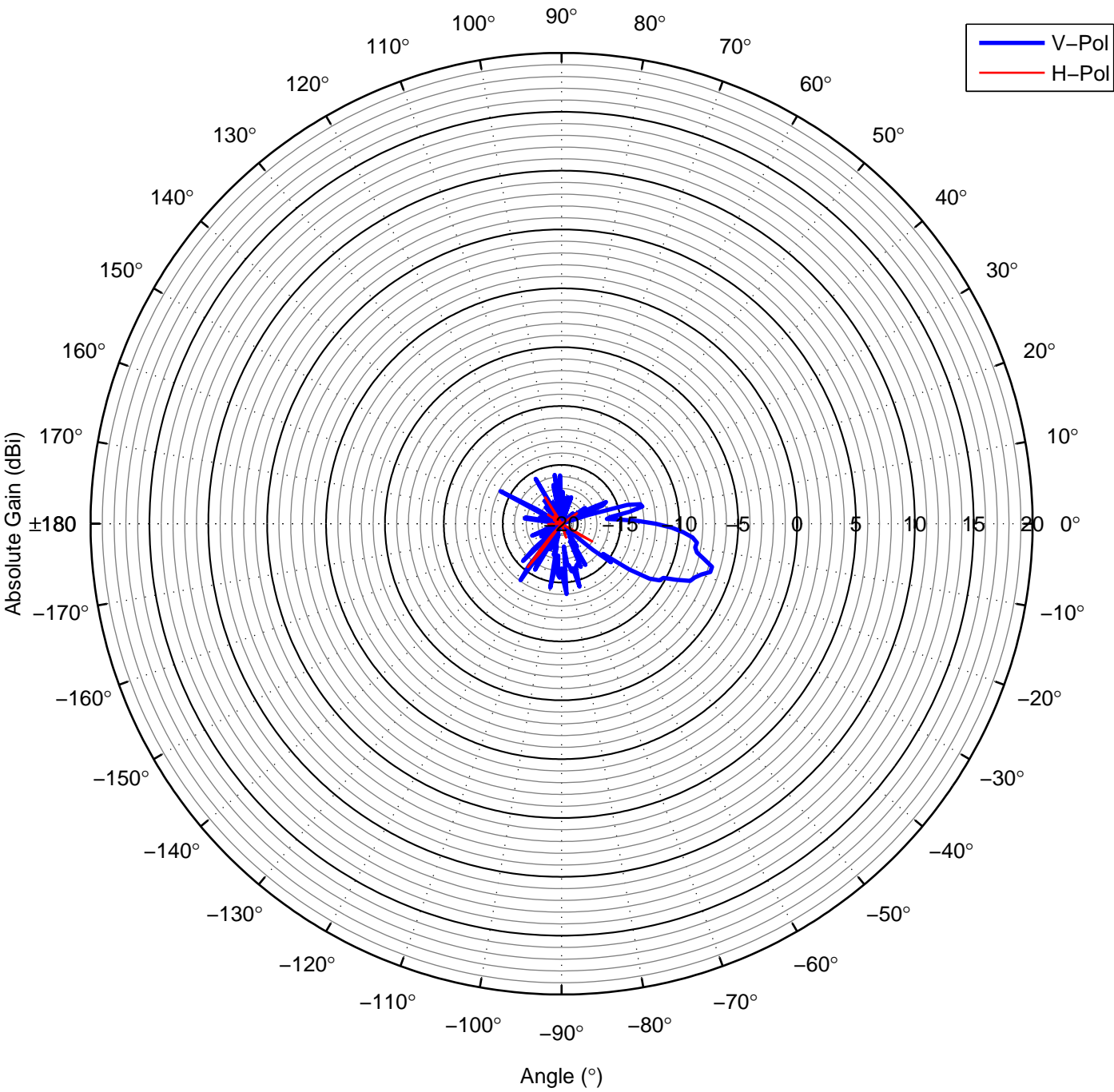
Antenna: SLA
Frequency: 23.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -16.32° -128.71°

BW1 (3dB): 23.16° 5.99°

SLL: 6.28dB 1.68dB

Figure #: 12



Printed Horn Array 2 SLA

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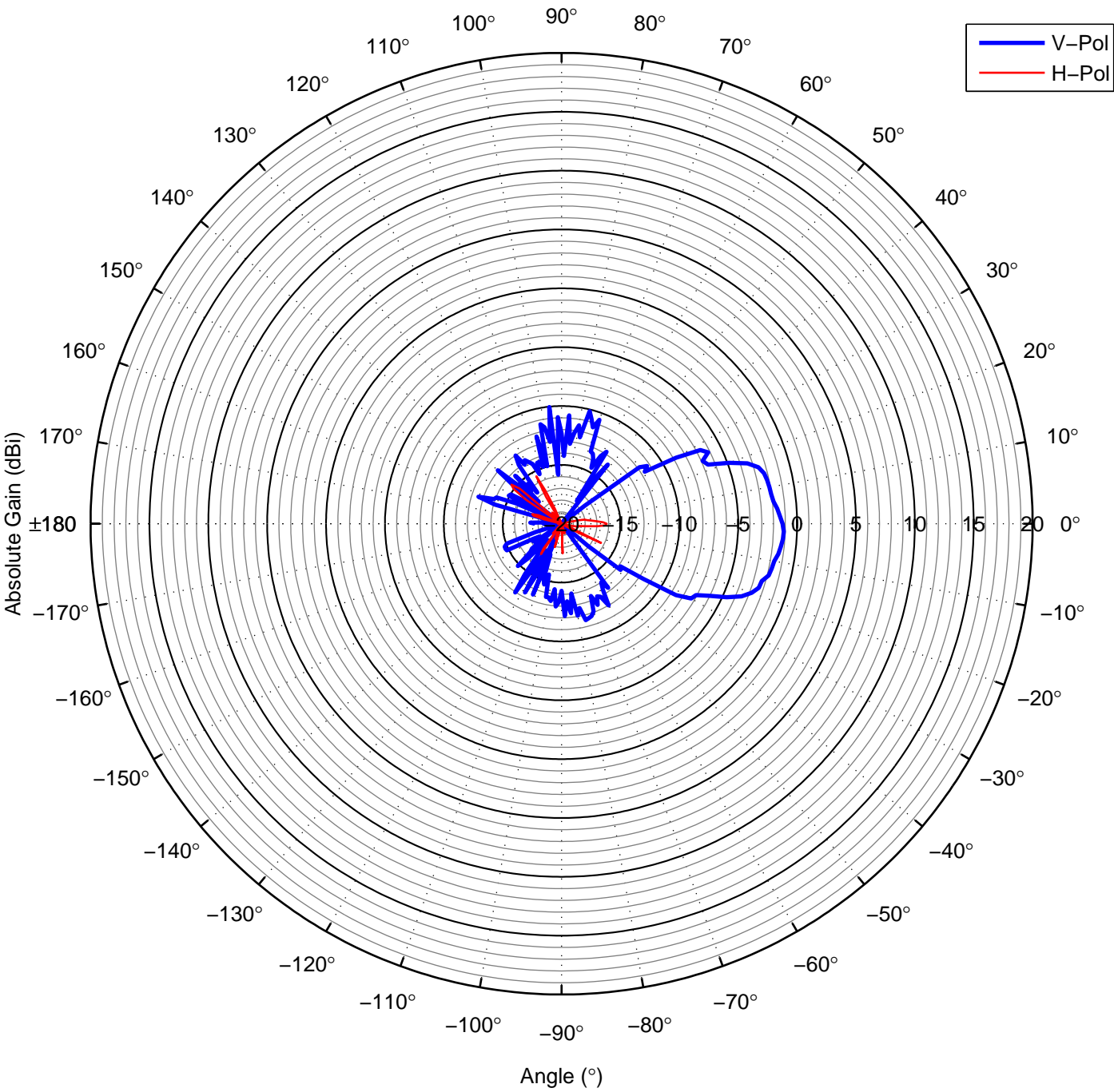
Antenna: SLA
Frequency: 24 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): 0.00° 143.23°

BW1 (3dB): 42.04° 7.82°

SLL: 5.04dB 0.83dB

Figure #: 13



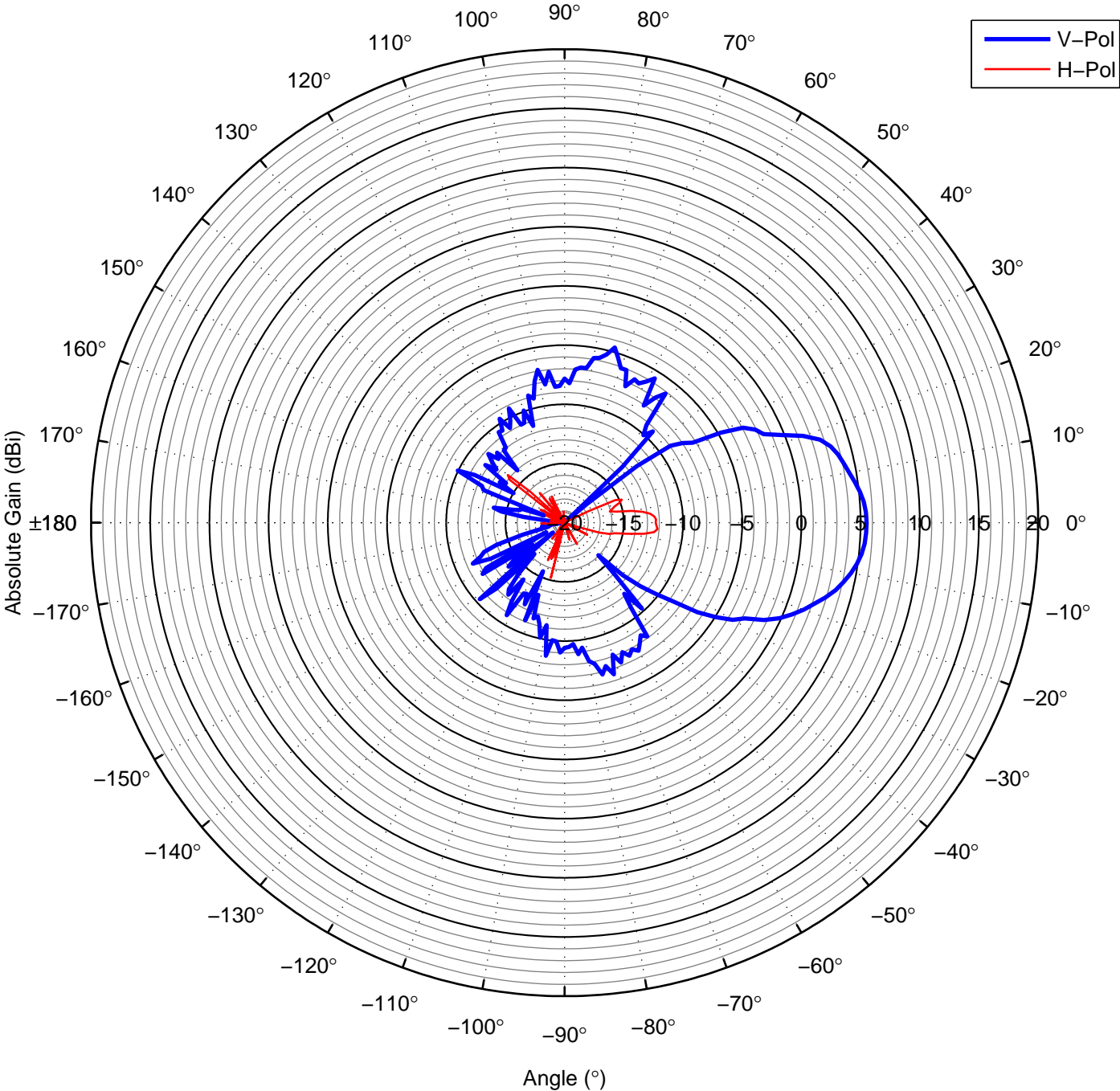
Printed Horn Array 2 SLA

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

Squint (6dB): -1.13° 4.45°
BW1 (3dB): 35.38° 22.40°
SLL: 10.12dB 1.60dB

Figure #: 14



Printed Horn Array 2 SLA

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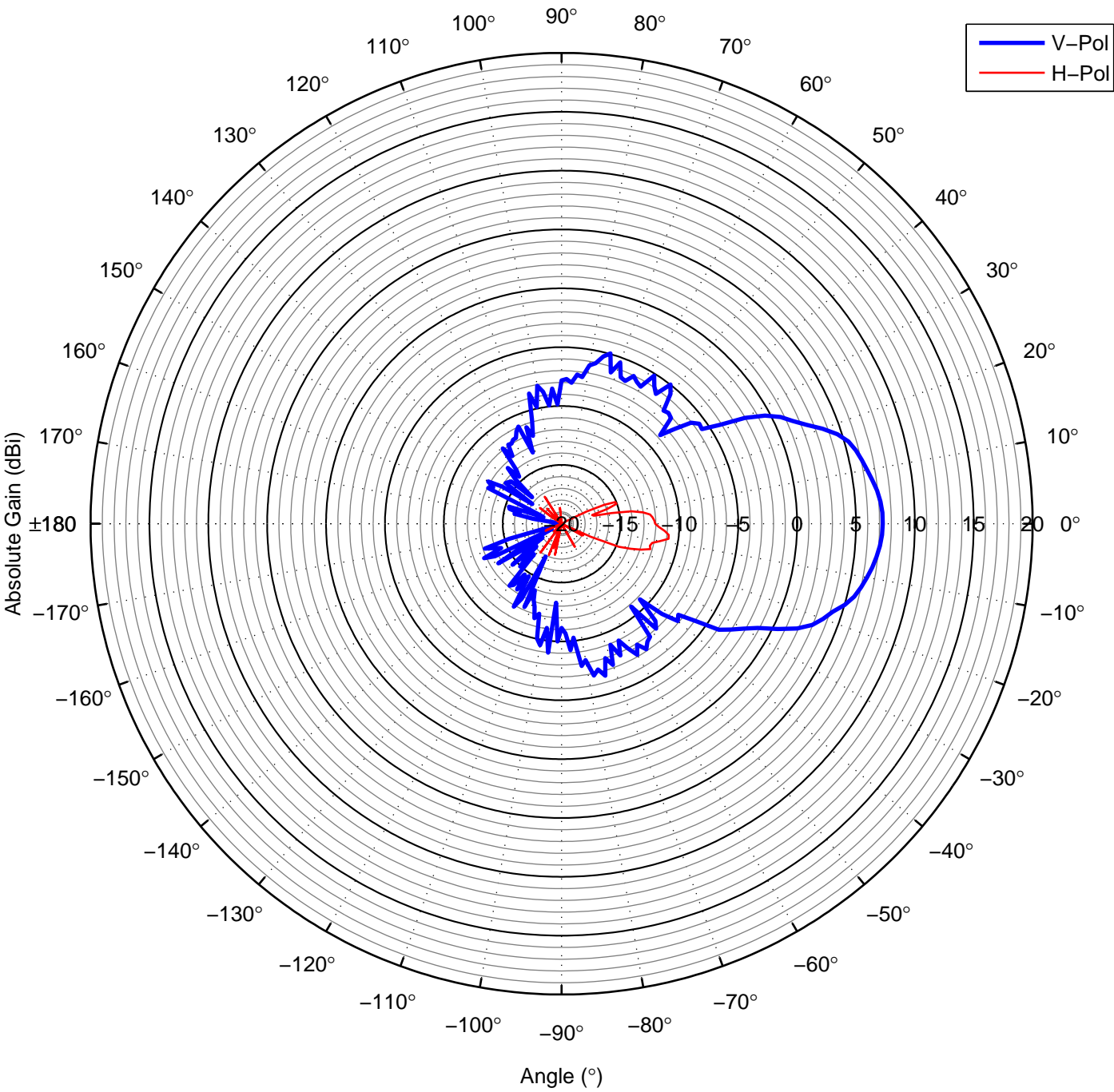
Antenna: SLA
Frequency: 25 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -0.17° -5.04°

BW1 (3dB): 36.47° 29.87°

SLL: 12.23dB 1.32dB

Figure #: 15



Printed Horn Array 2 SLA

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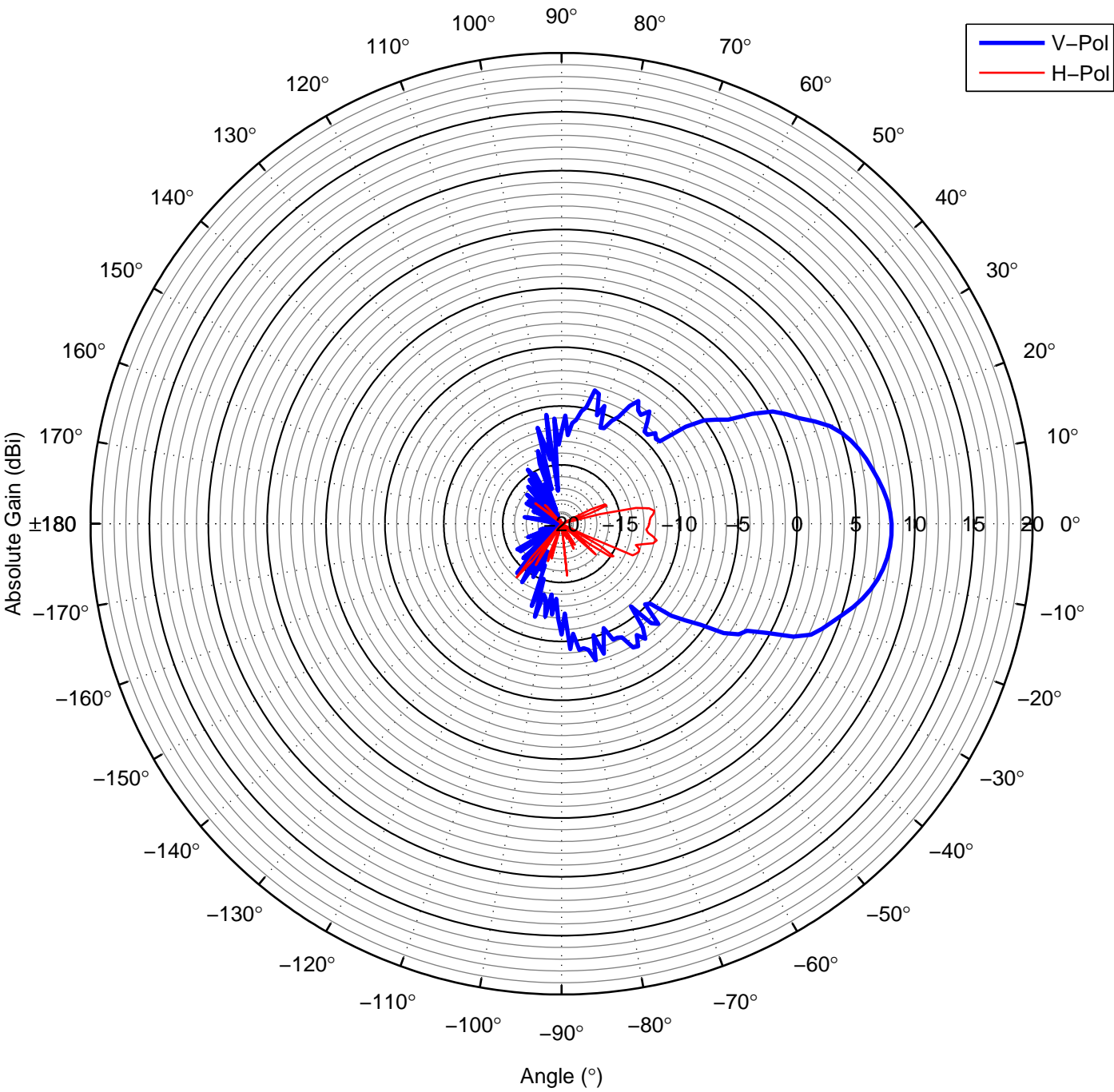
Antenna: SLA
Frequency: 25.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -0.85° -5.75°

BW1 (3dB): 36.02° 37.44°

SLL: 15.73dB 0.24dB

Figure #: 16



Printed Horn Array 2 SLA

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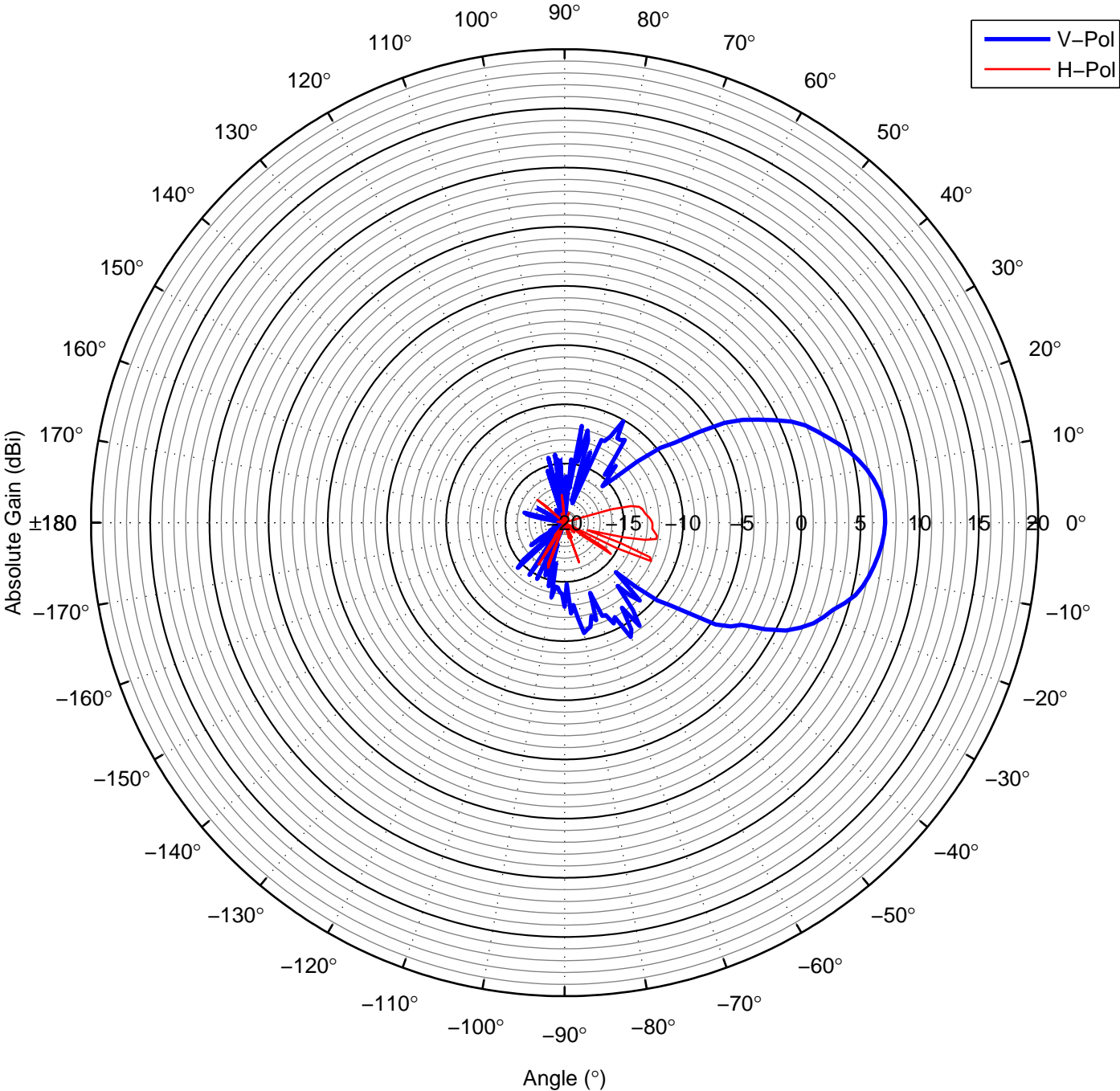
Antenna: SLA
Frequency: 26 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -0.81° -4.60°

BW1 (3dB): 33.45° 5.93°

SLL: 15.93dB 0.11dB

Figure #: 17



Printed Horn Array 2 SLA

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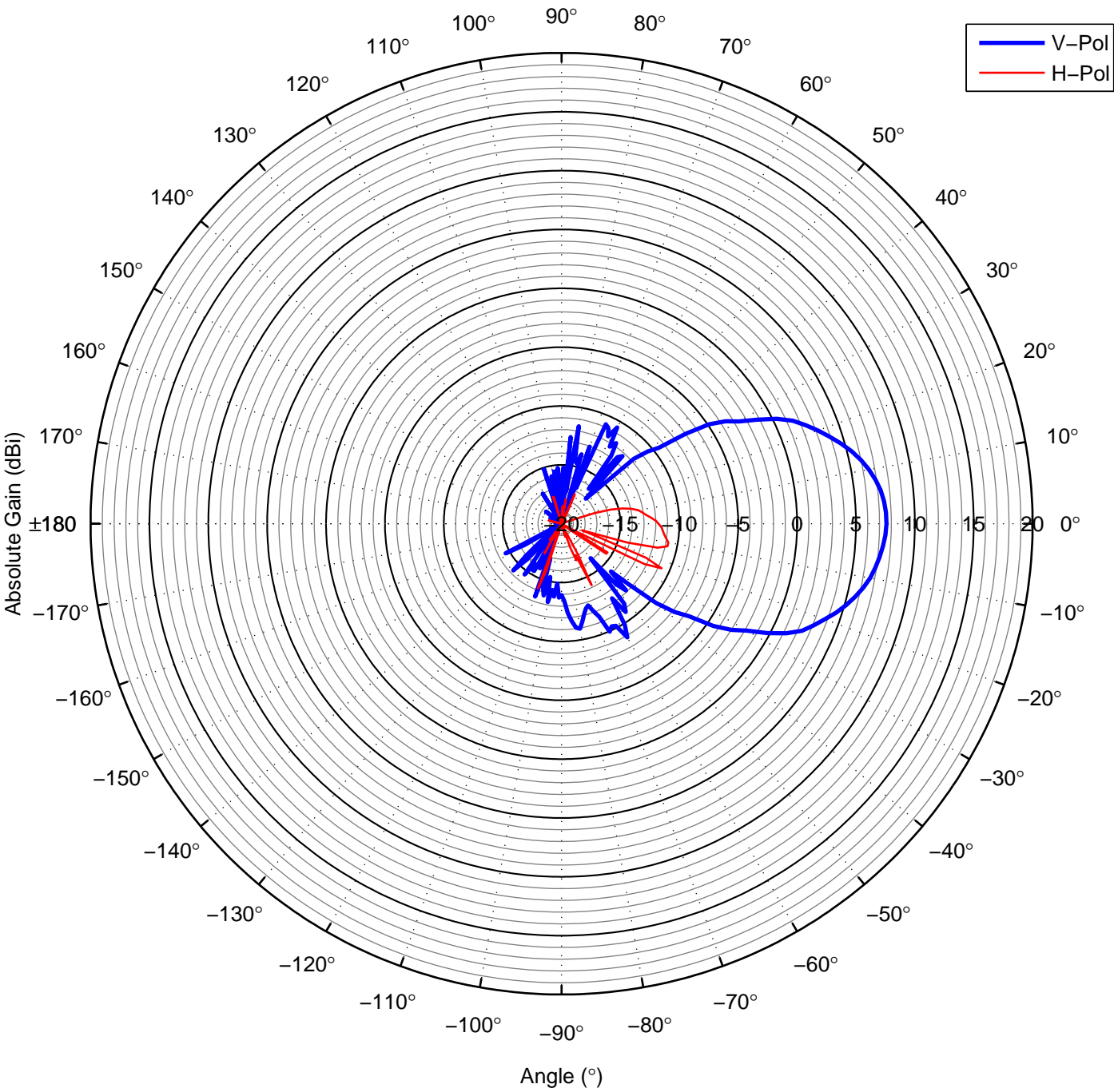
Antenna: SLA
Frequency: 26.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -0.78° -23.62°

BW1 (3dB): 34.03° 5.16°

SLL: 16.44dB 0.09dB

Figure #: 18

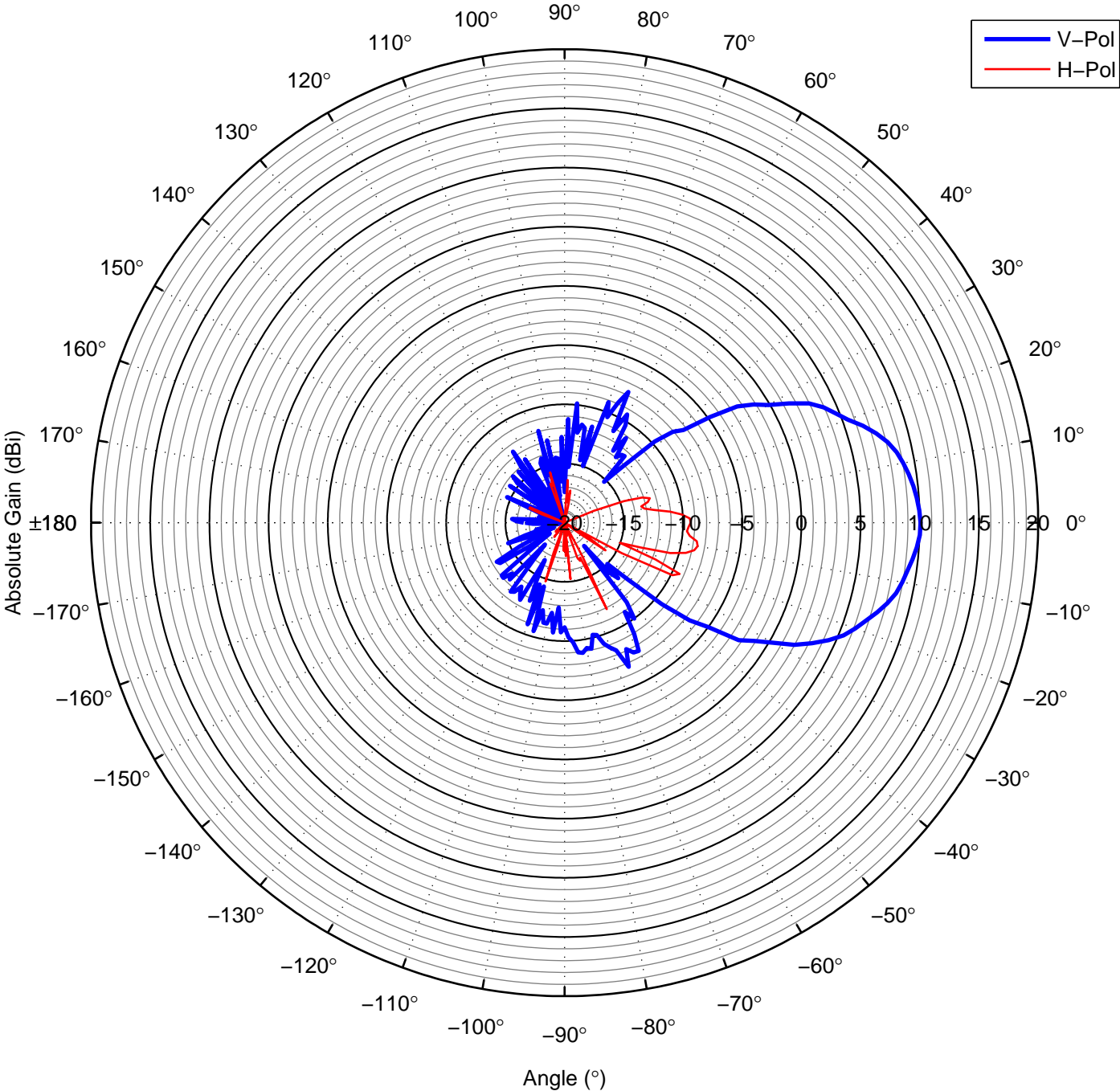


Printed Horn Array 2 SLA

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

Squint (6dB): -0.44° 0.19°
BW1 (3dB): 33.87° 23.52°
SLL: 16.74dB 0.77dB



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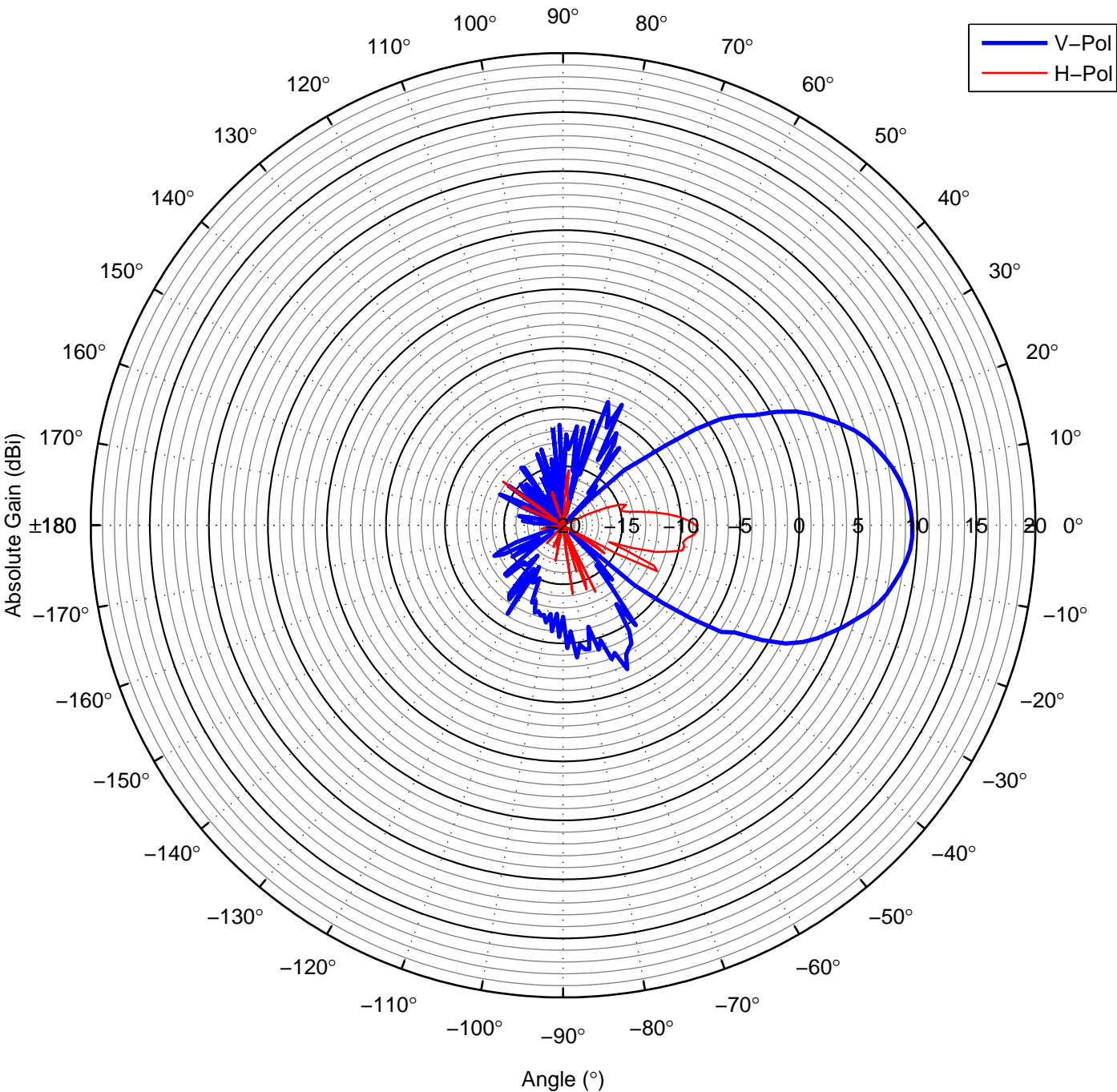
Antenna: SLA
Frequency: 27.5 GHz
Polarisation: V/H Linear
Plane of Cut: Elevation

Squint (6dB): -0.49° -3.21°

BW1 (3dB): 32.89° 22.52°

SLL: 16.24dB 0.99dB

Figure #: 20



Printed Horn Array 2 SLA

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

Squint (6dB): 0.13° -4.04°

BW1 (3dB): 32.64° 21.41°

SLL: 15.03dB 0.79dB

Figure #: 21

