

Printed Horn

18-Feb-2022

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

Squint (6dB): -0.42° -3.90°

BW1 (3dB): 52.41° 58.31°

SLL: 23.22dB 10.58dB

V-Pol
H-Pol

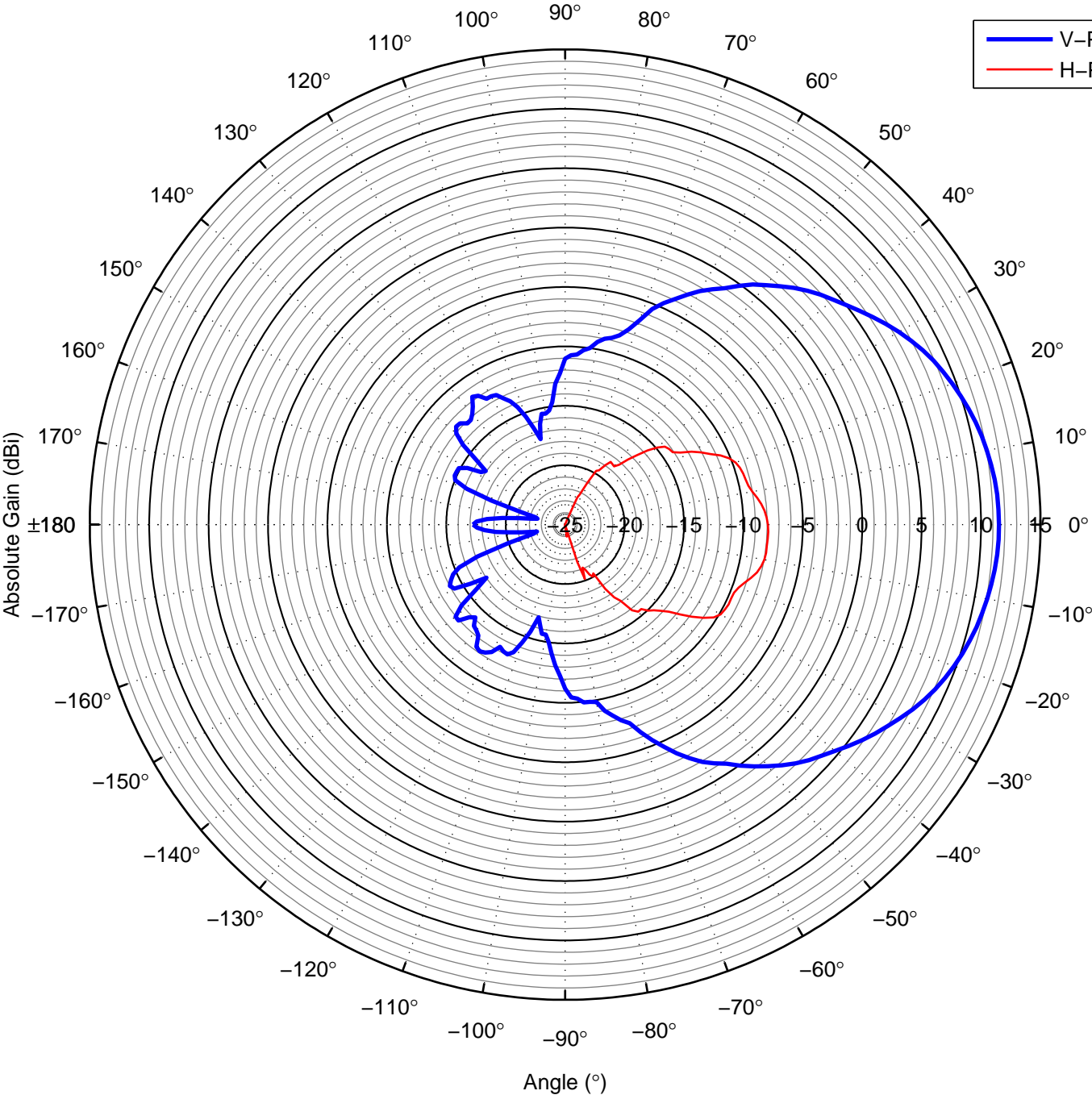


Figure #: 1

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

Squint (6dB): -0.28° -4.13°

BW1 (3dB): 53.08° 48.95°

SLL: 22.83dB 13.84dB

V-Pol
H-Pol

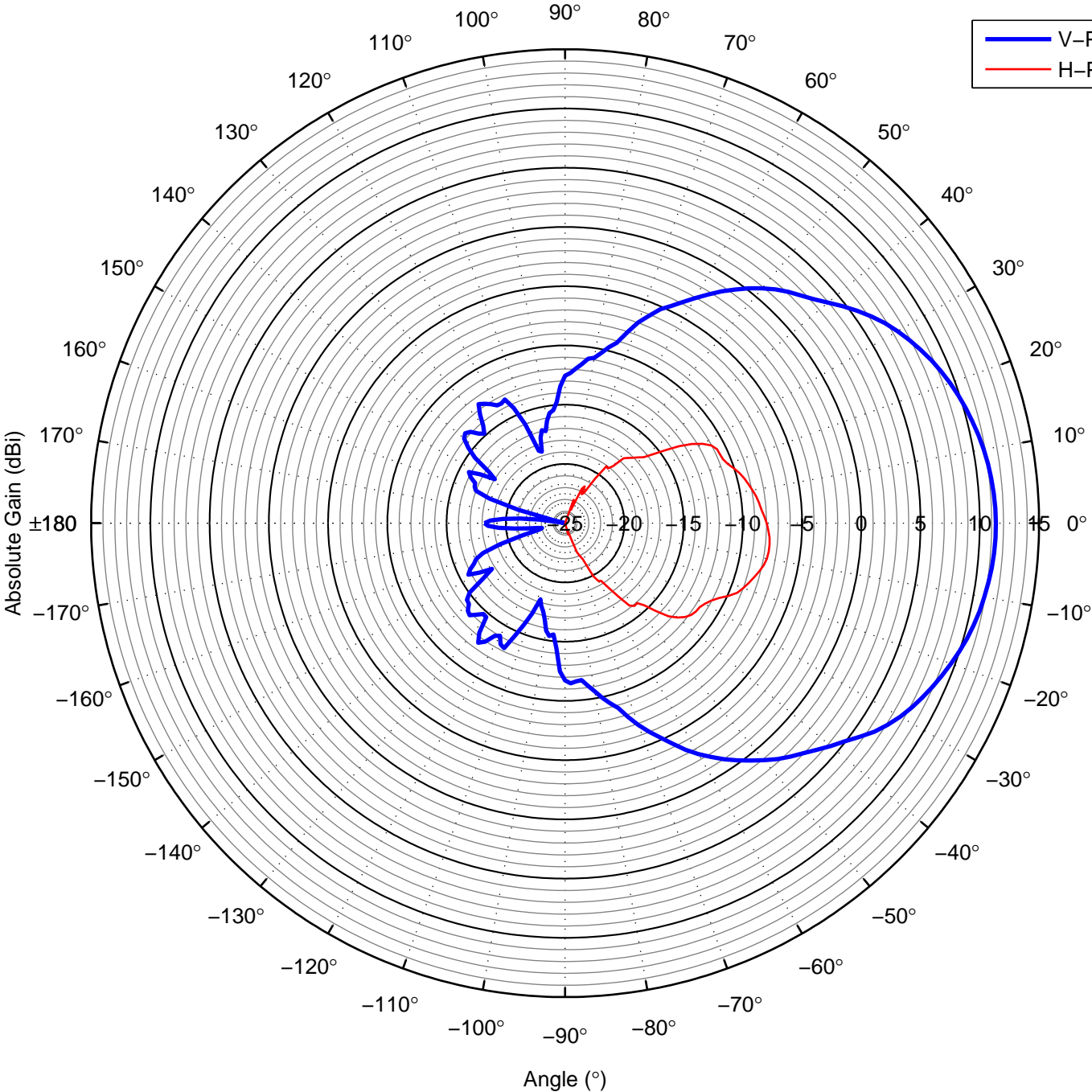


Figure #: 2

Printed Horn

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

Squint (6dB): -0.42° -2.40°

BW1 (3dB): 51.99° 55.34°

SLL: 24.24dB 11.08dB

V-Pol
H-Pol

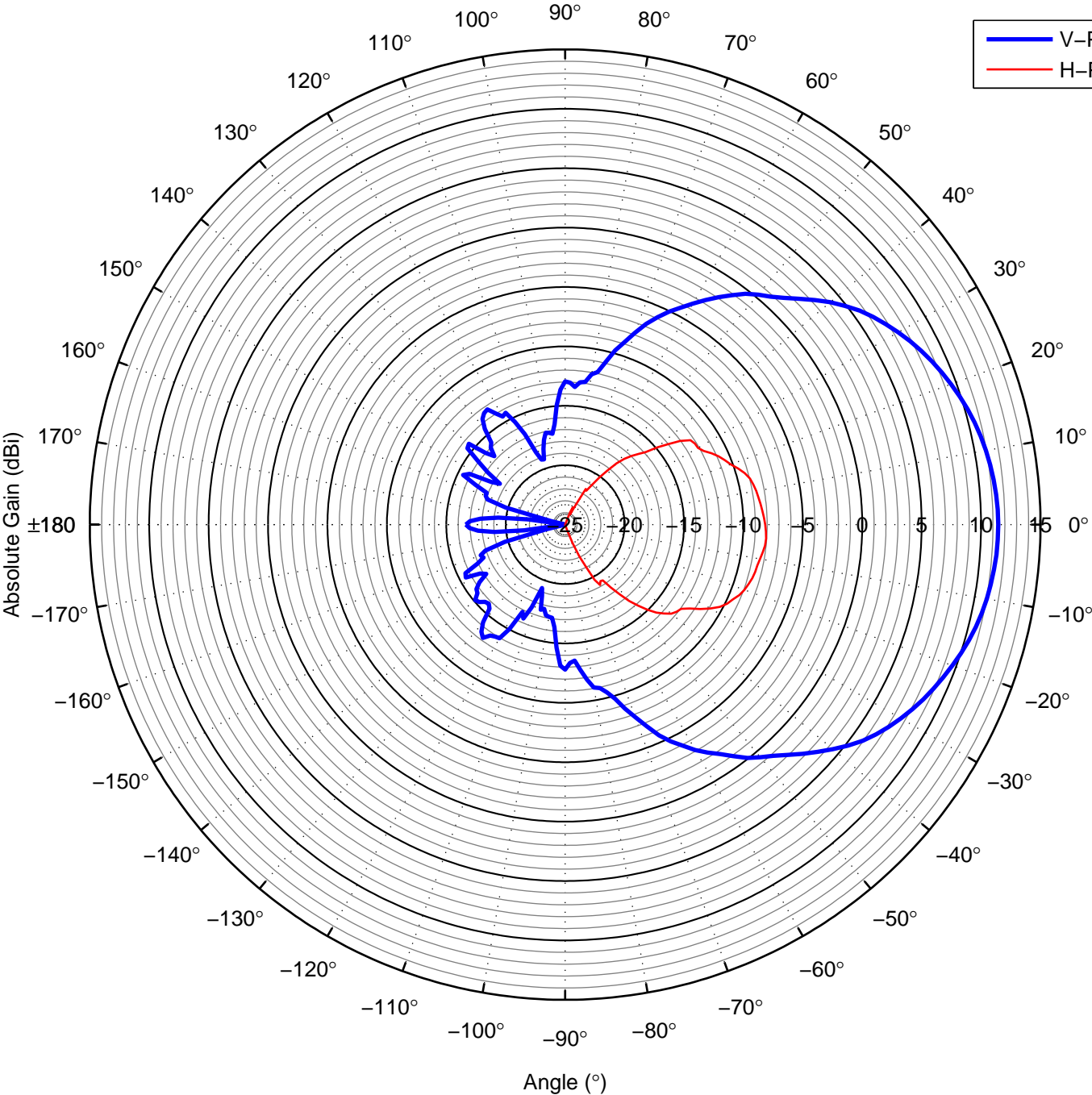


Figure #: 3

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

Squint (6dB): -0.53° 0.00°
BW1 (3dB): 50.00° 54.41°
SLL: 25.40dB 10.69dB

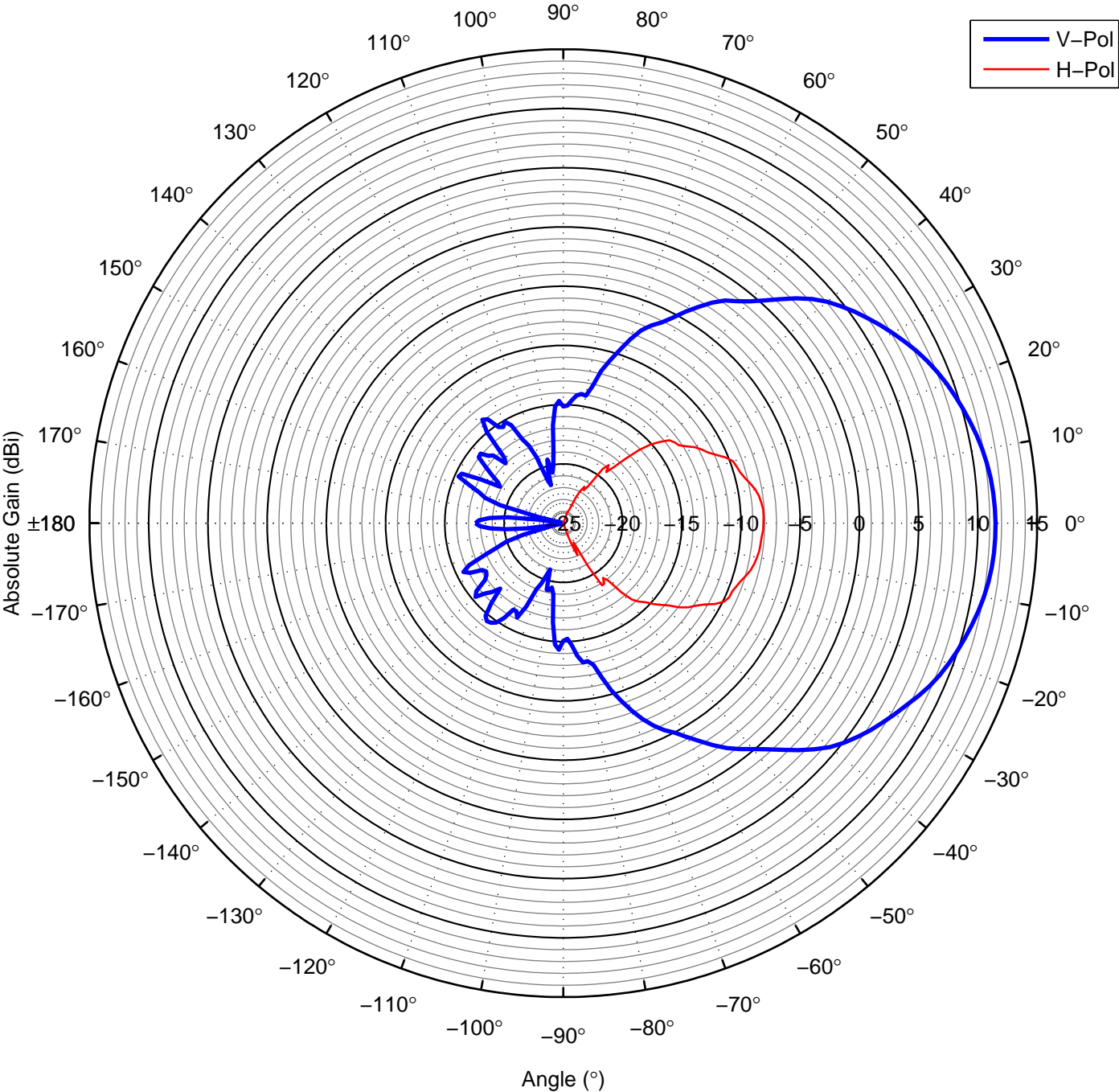


Figure #: 4

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

Squint (6dB): -0.20° -1.55°

BW1 (3dB): 46.68° 50.33°

SLL: 26.73dB 10.98dB

V-Pol
H-Pol

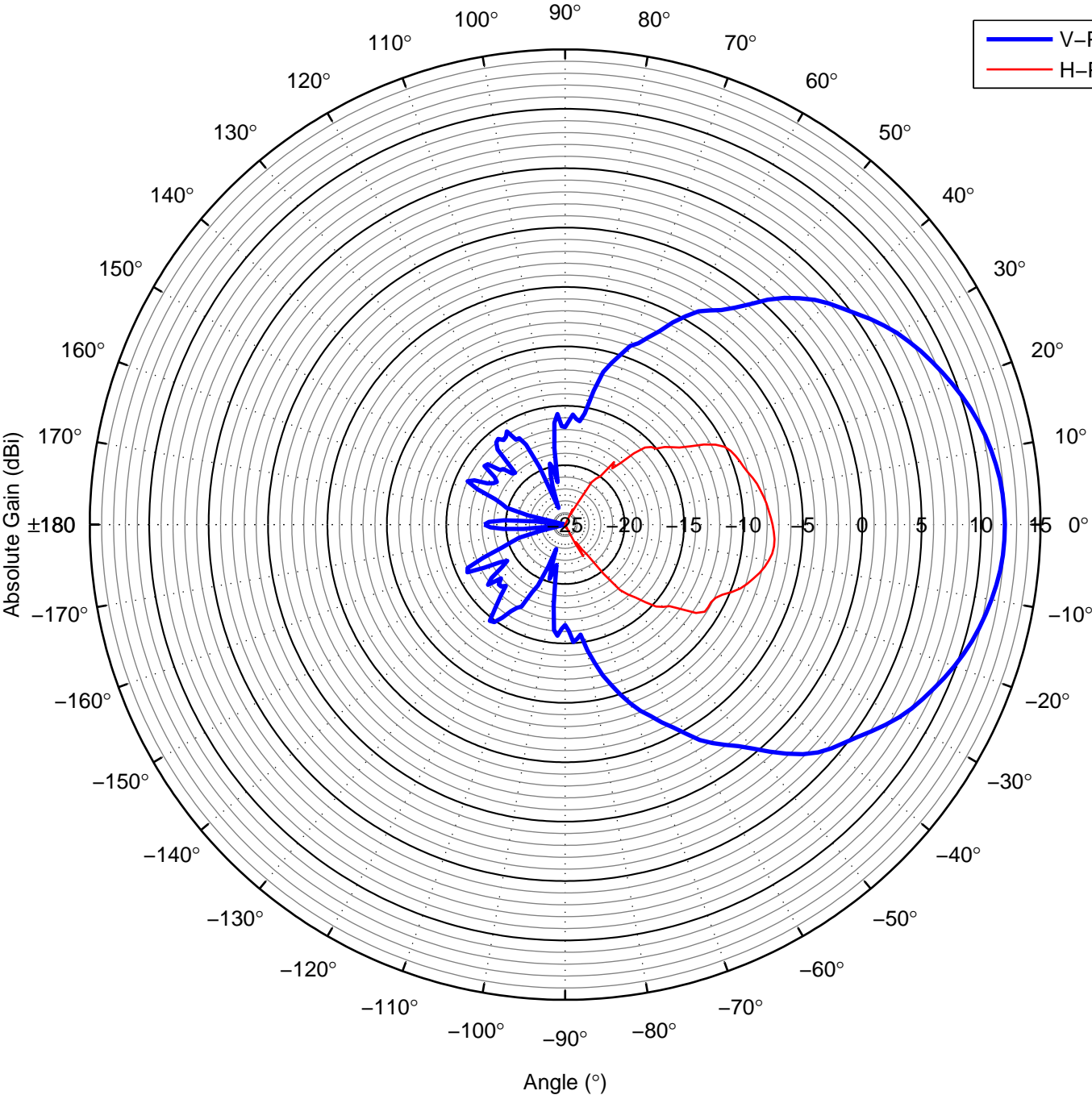


Figure #: 5

Printed Horn

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

Squint (6dB): -0.34° -1.10°

BW1 (3dB): 46.09° 48.93°

SLL: 27.76dB 14.37dB

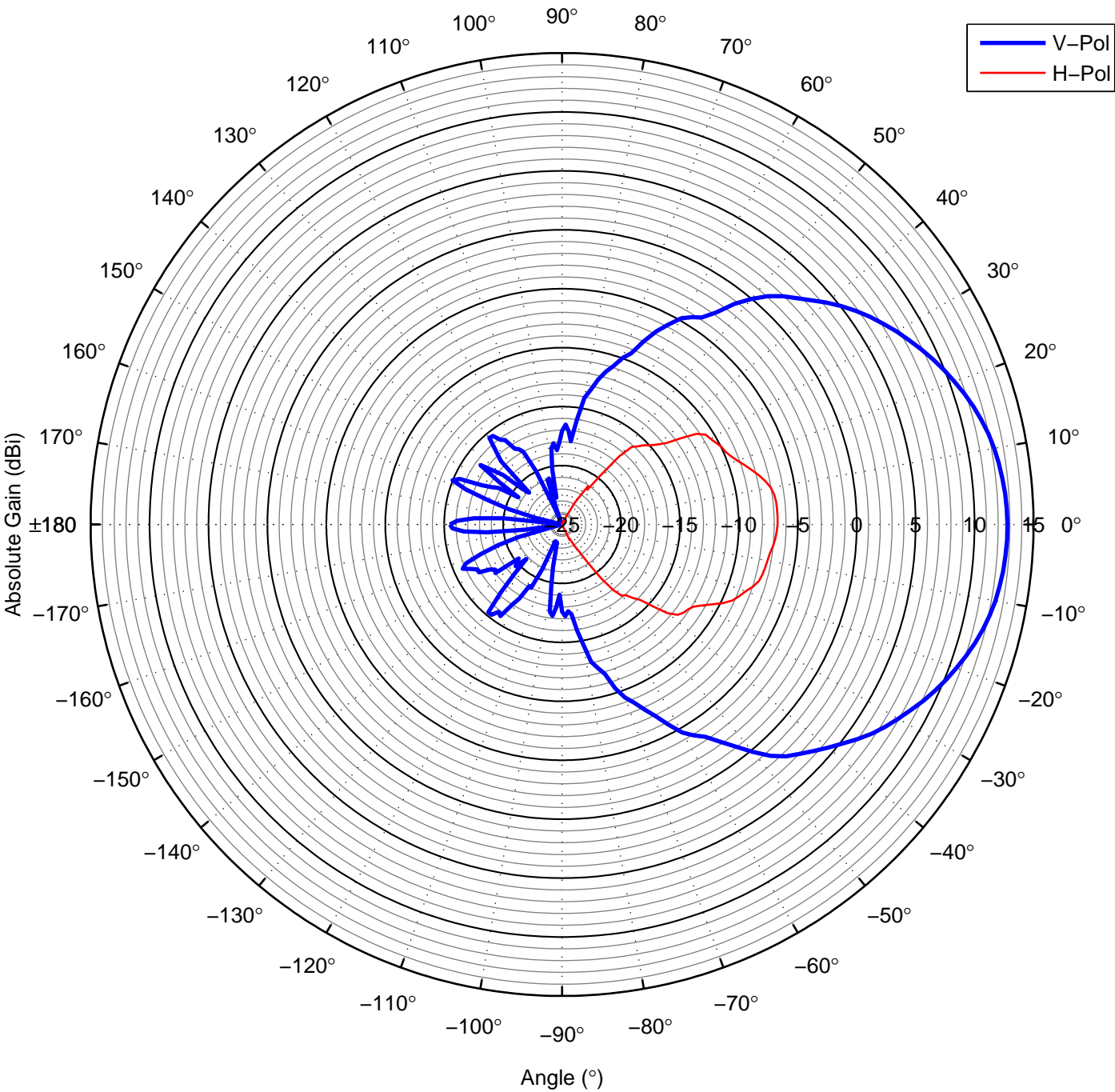


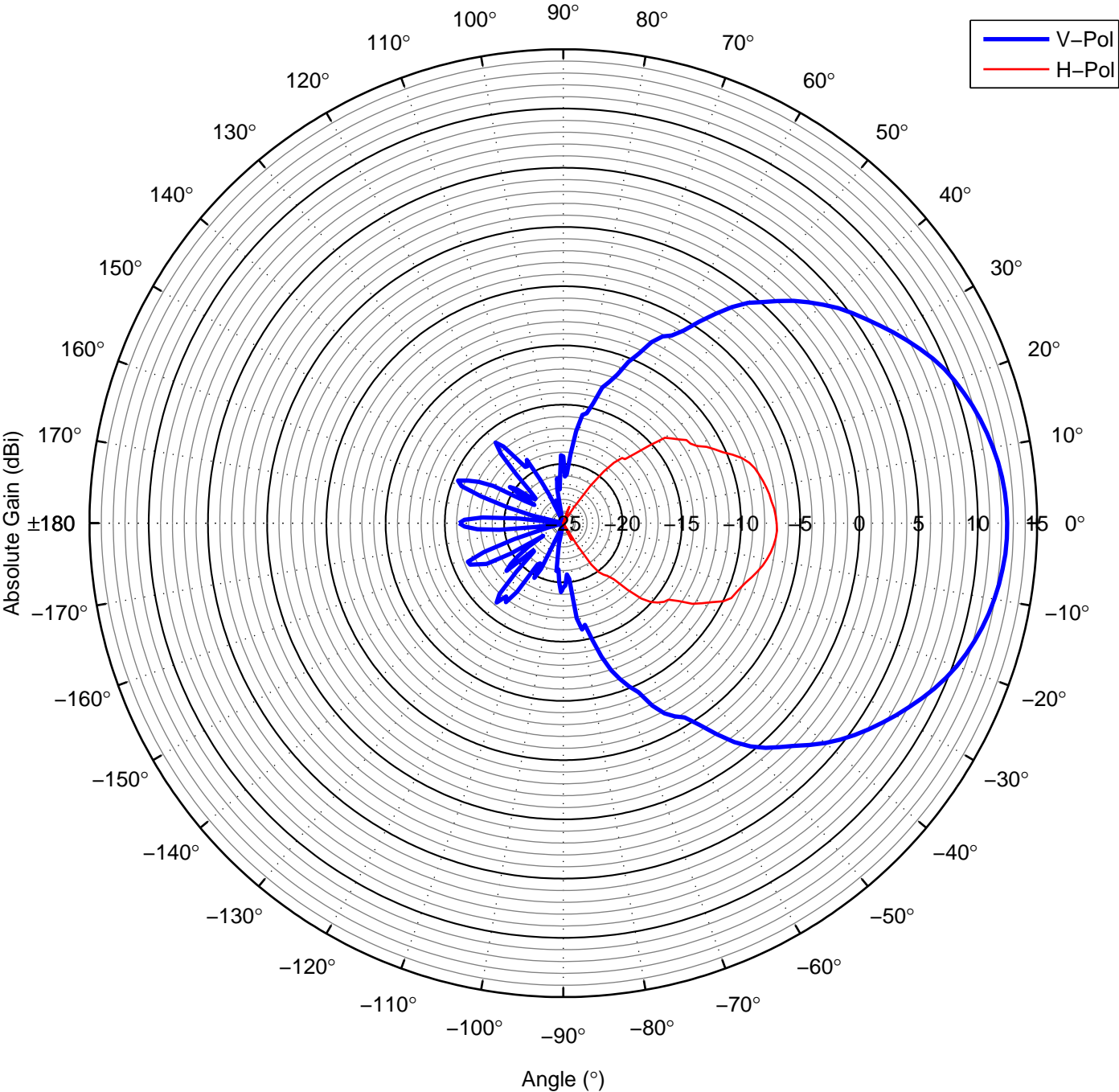
Figure #: 6

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

Squint (6dB): -0.42° 1.23°
BW1 (3dB): 46.17° 49.02°
SLL: 27.89dB 16.47dB



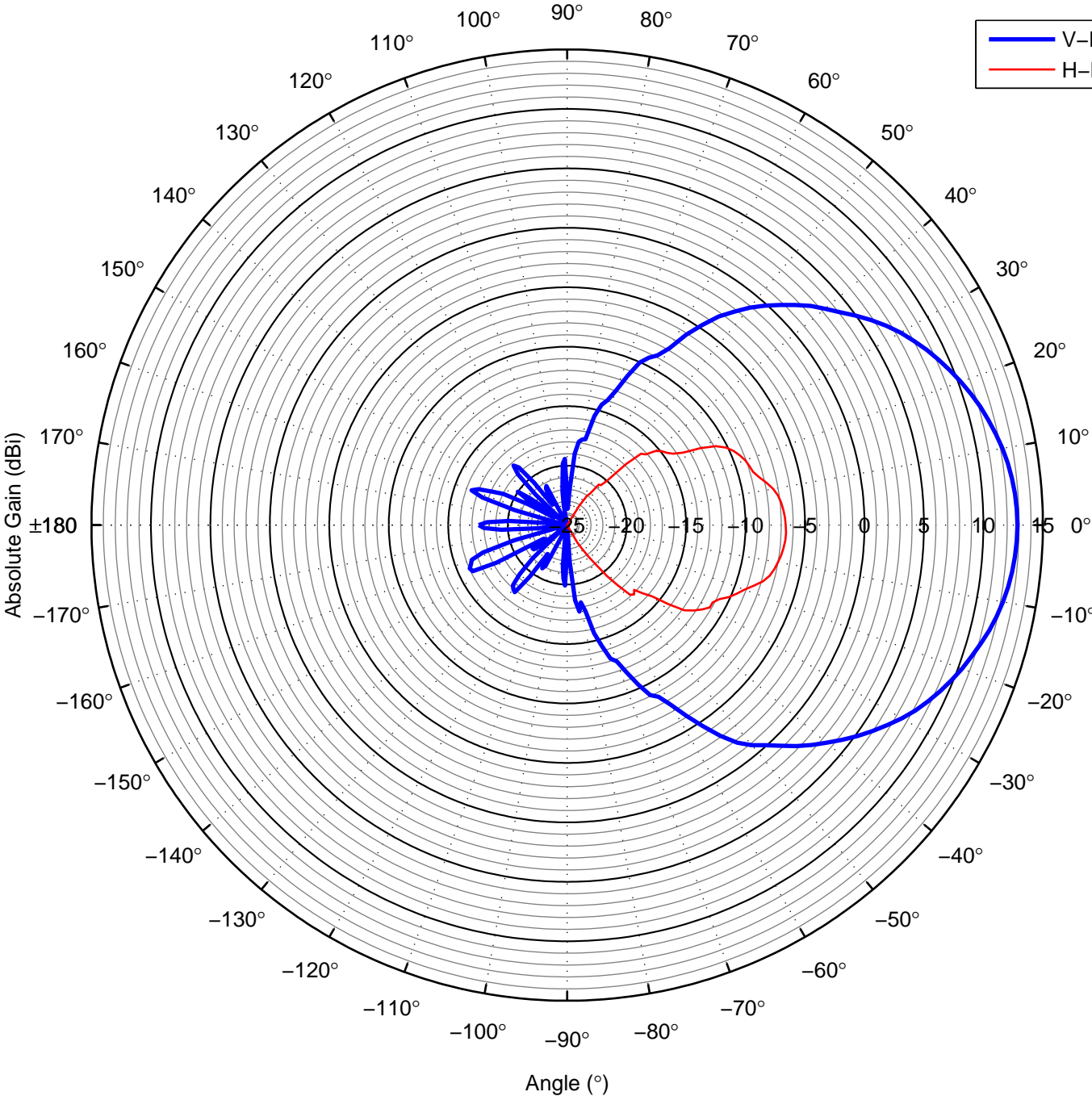
Antenna: SLA
Frequency: 21.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -0.15° -2.28°

BW1 (3dB): 43.41° 45.43°

SLL: 28.90dB 10.30dB

V-Pol
H-Pol



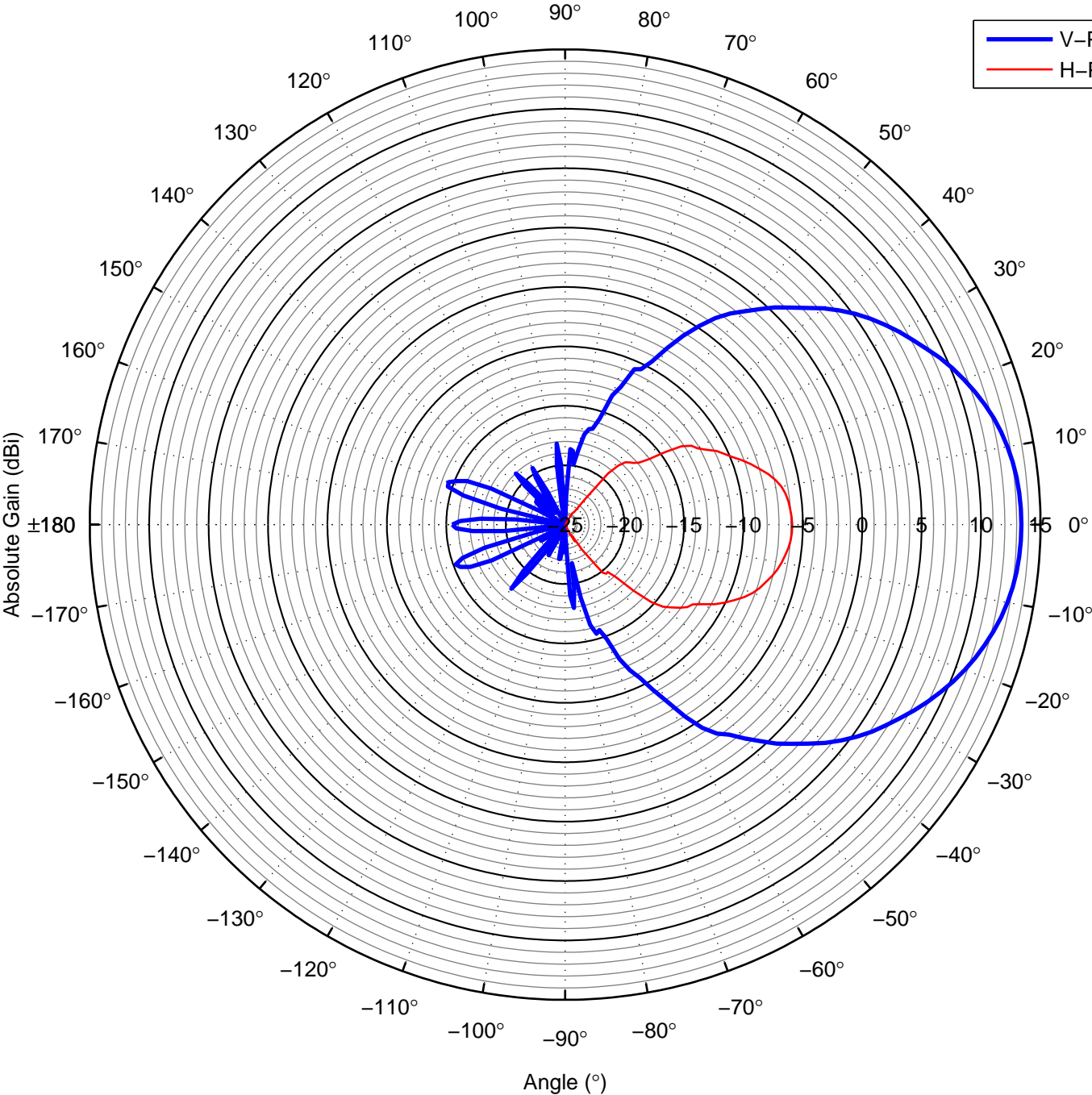
Antenna: SLA
Frequency: 22 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -0.16° -0.86°

BW1 (3dB): 42.47° 41.59°

SLL: 27.96dB 17.50dB

V-Pol
H-Pol



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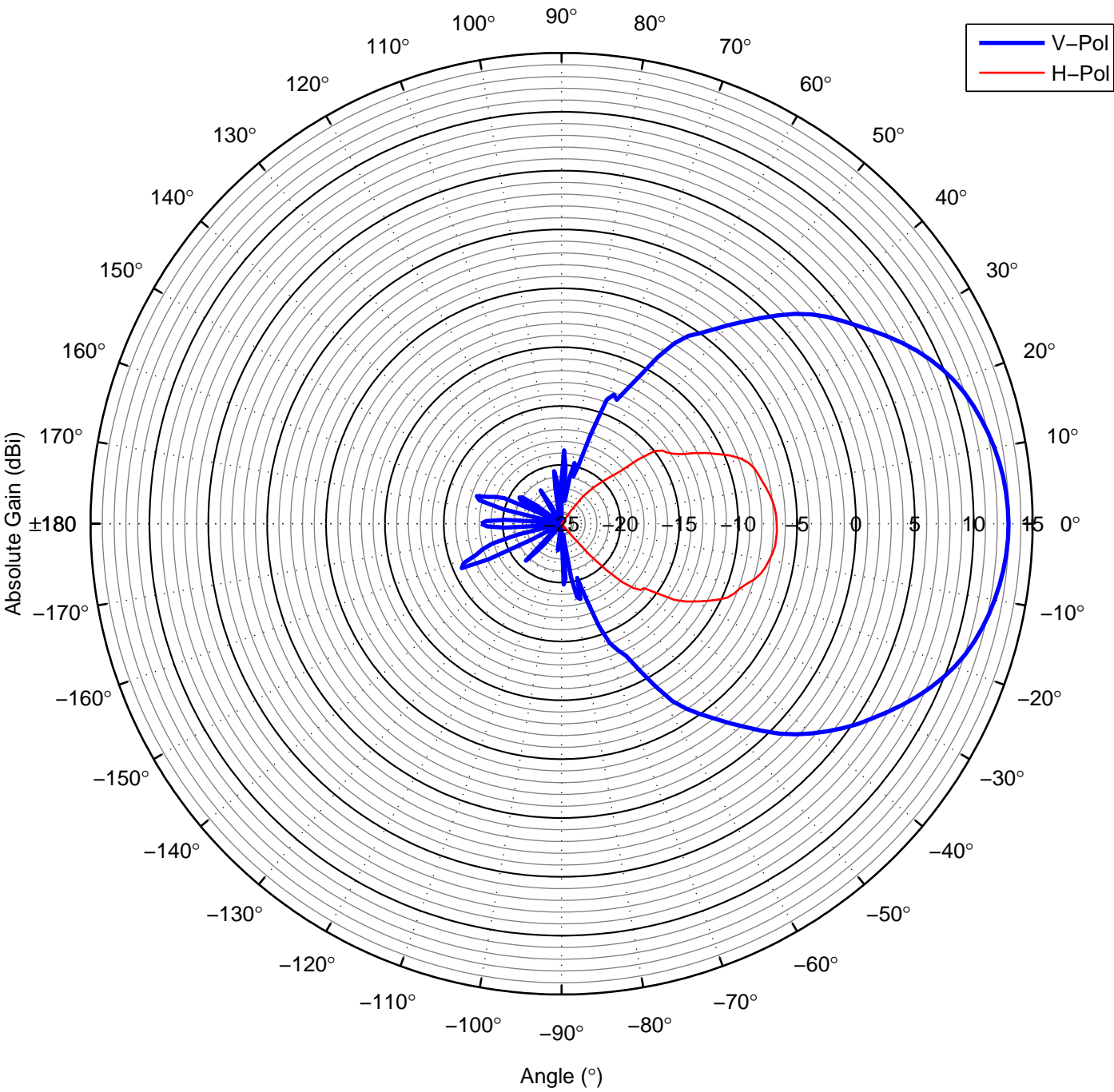
Antenna: SLA
Frequency: 22.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -0.12° -1.67°

BW1 (3dB): 43.86° 46.73°

SLL: 26.12dB 17.60dB

Figure #: 10



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

Squint (6dB): -0.04° 0.12°
BW1 (3dB): 43.53° 46.79°
SLL: 28.37dB 18.13dB

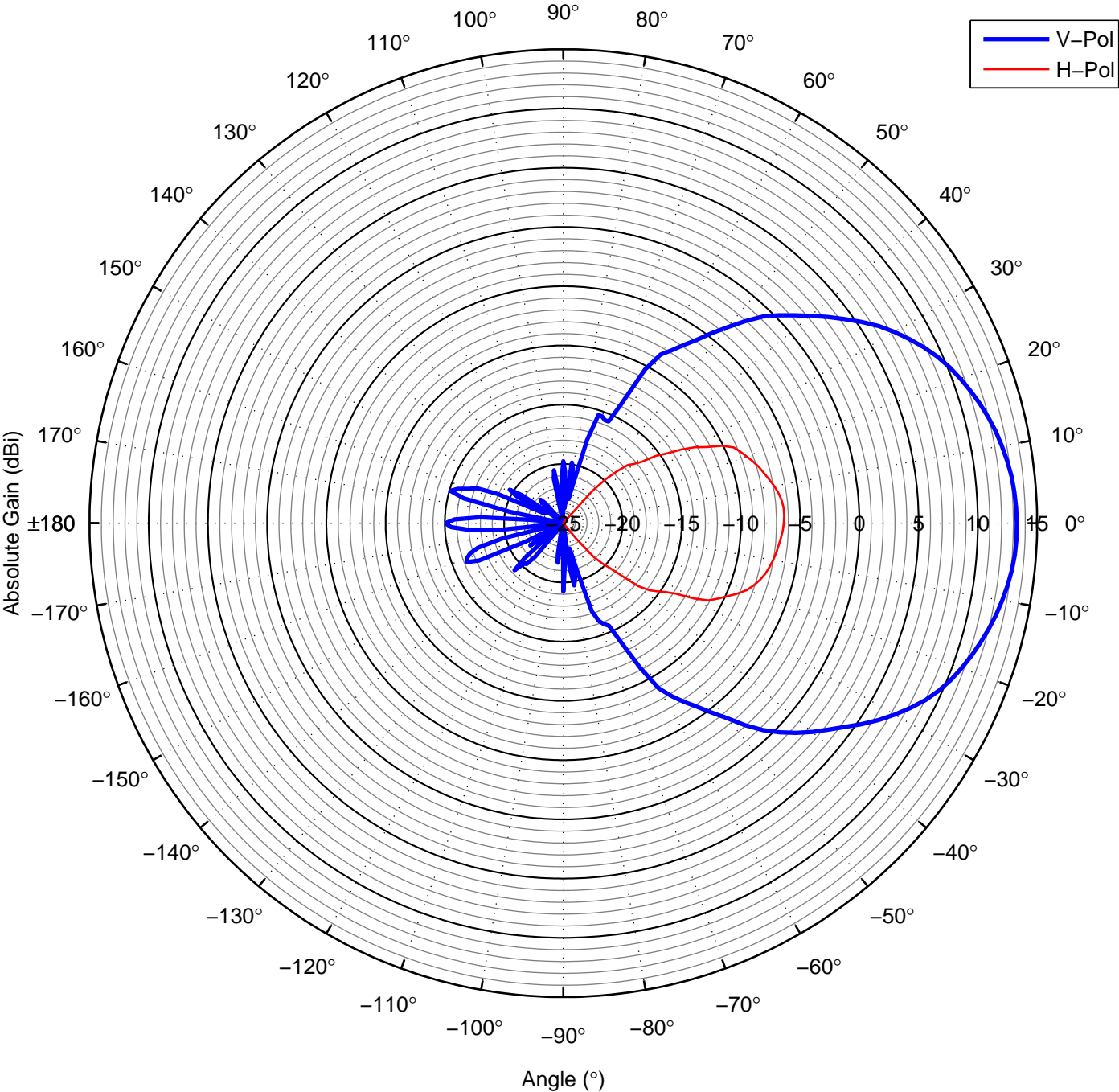


Figure #: 11

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

Squint (6dB): -0.18° 0.97°
BW1 (3dB): 41.96° 42.77°
SLL: 26.15dB 13.30dB

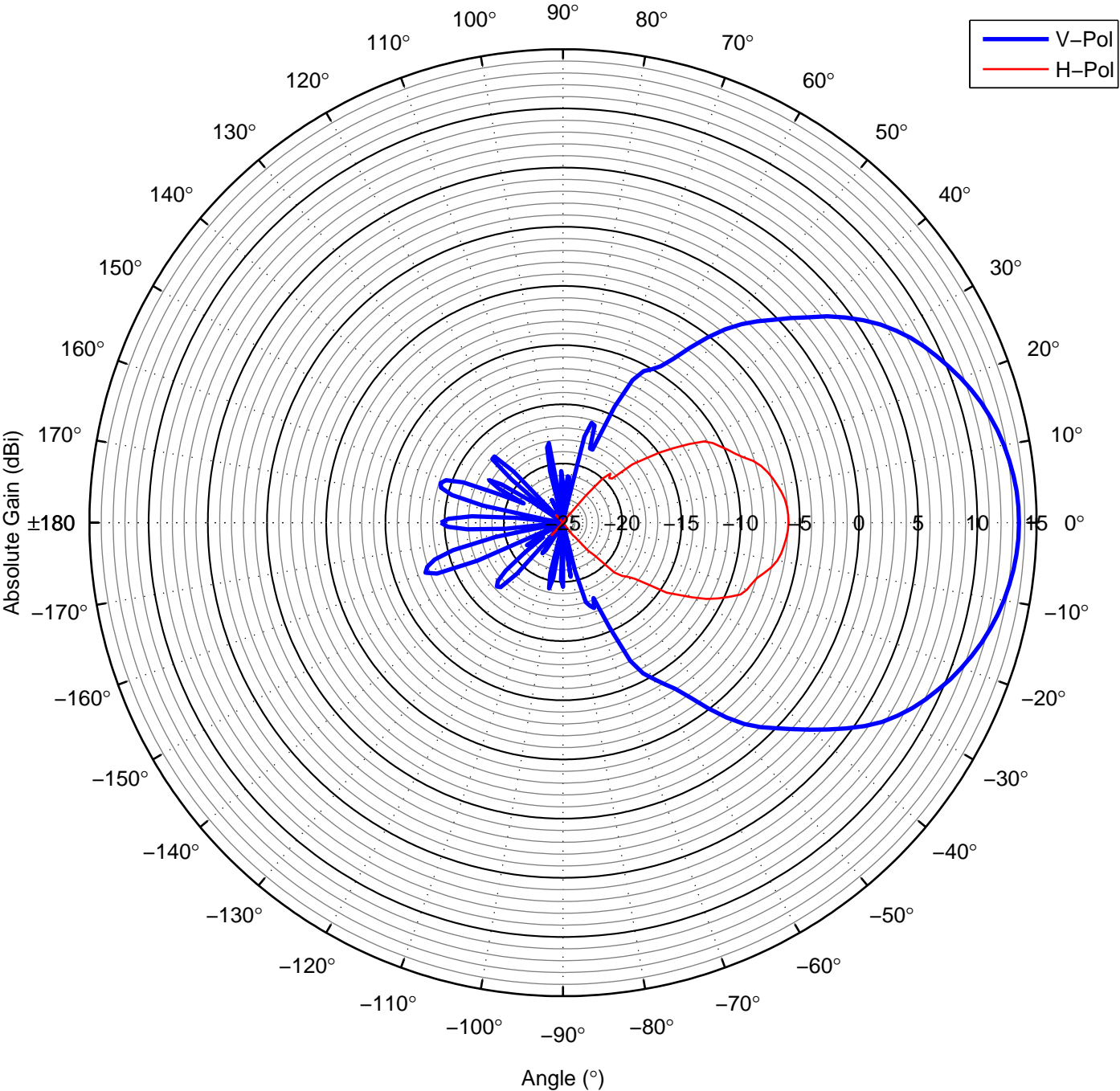
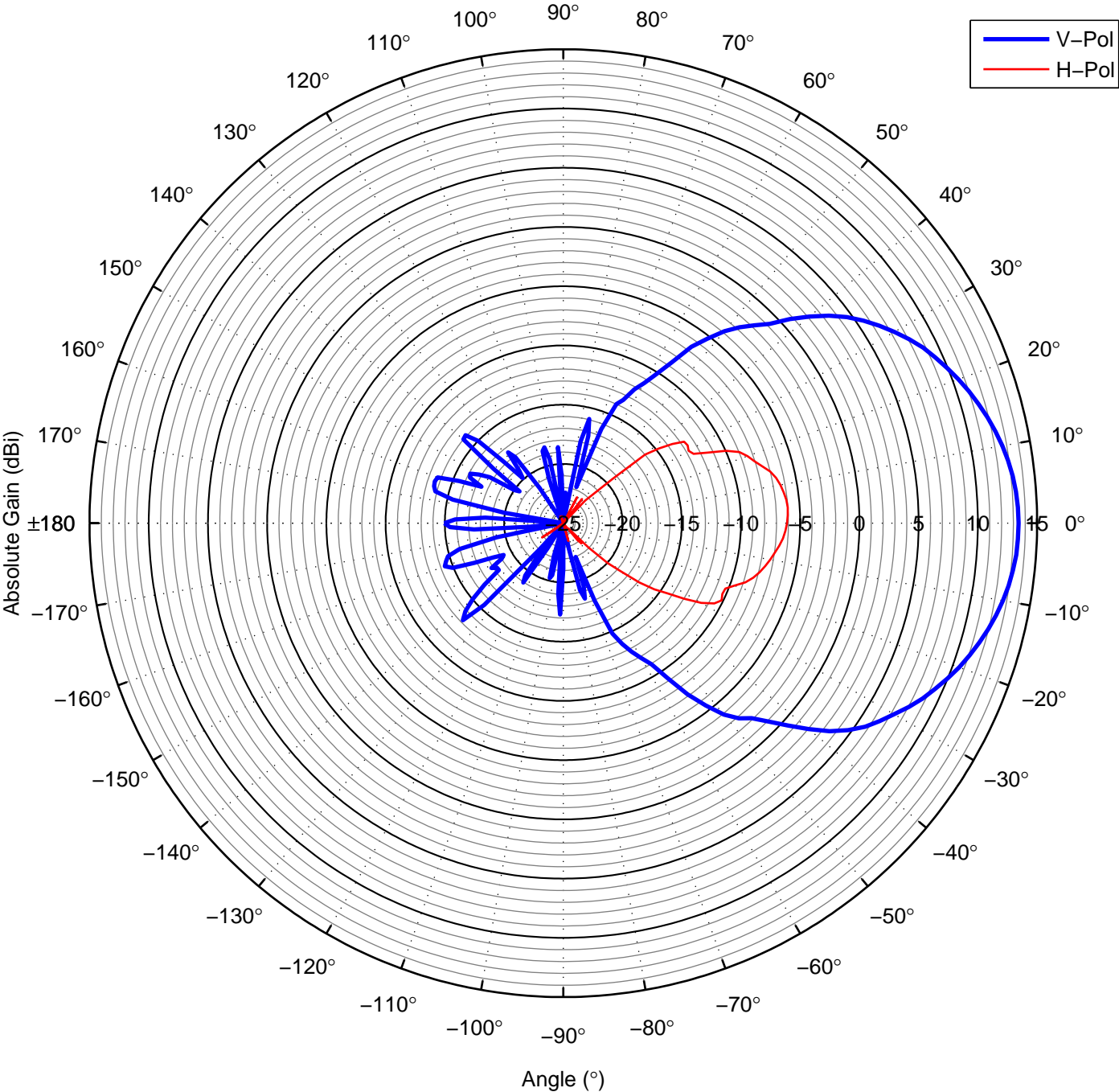


Figure #: 12

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

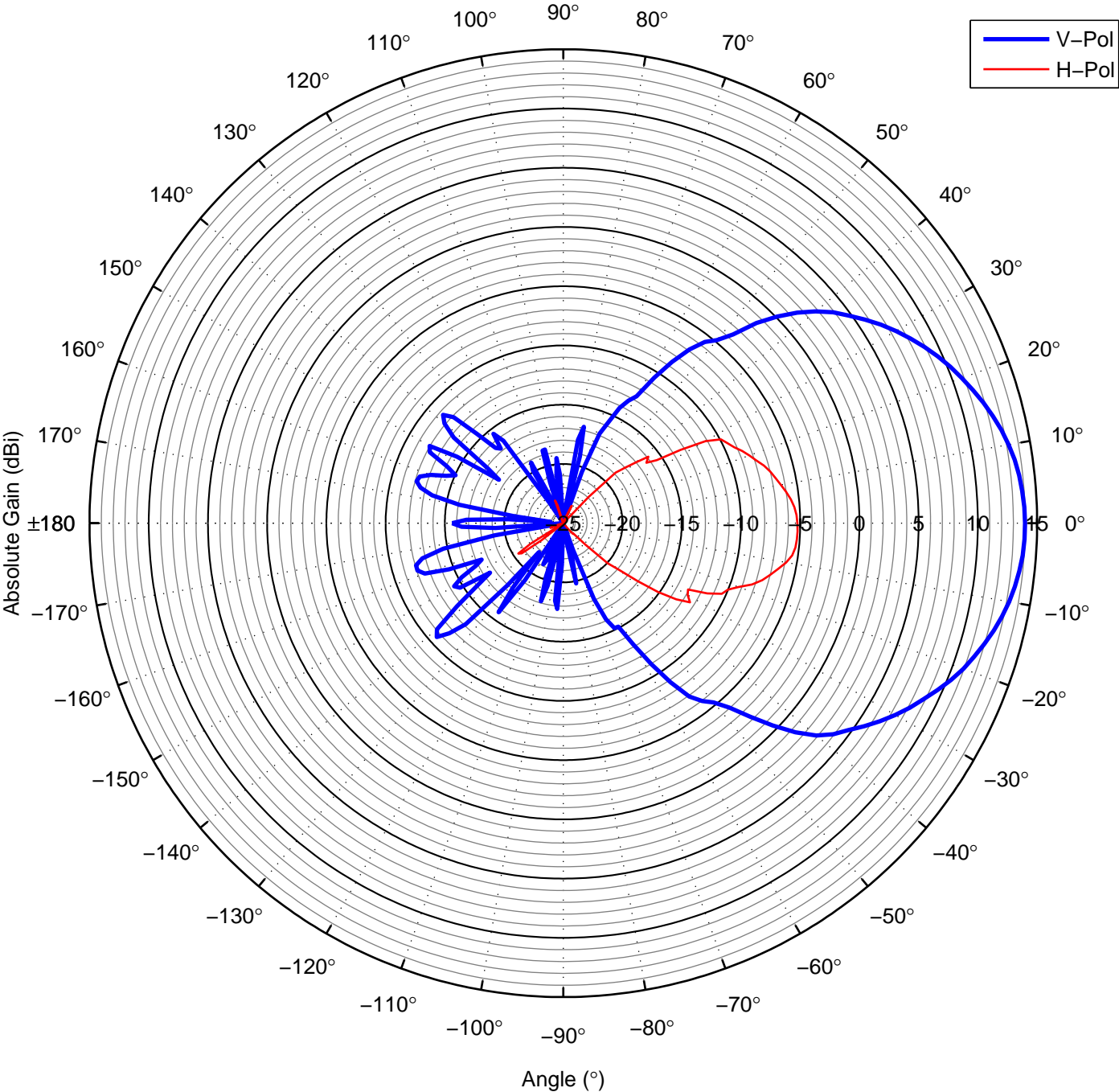
Squint (6dB): 0.04° -1.79°
BW1 (3dB): 40.63° 40.55°
SLL: 26.65dB 4.11dB



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

Squint (6dB): 0.07° 2.26°
BW1 (3dB): 39.20° 37.54°
SLL: 24.61dB 7.18dB

Figure #: 14



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

Squint (6dB): -0.05° -0.49°

BW1 (3dB): 39.01° 35.62°

SLL: 24.50dB 15.68dB

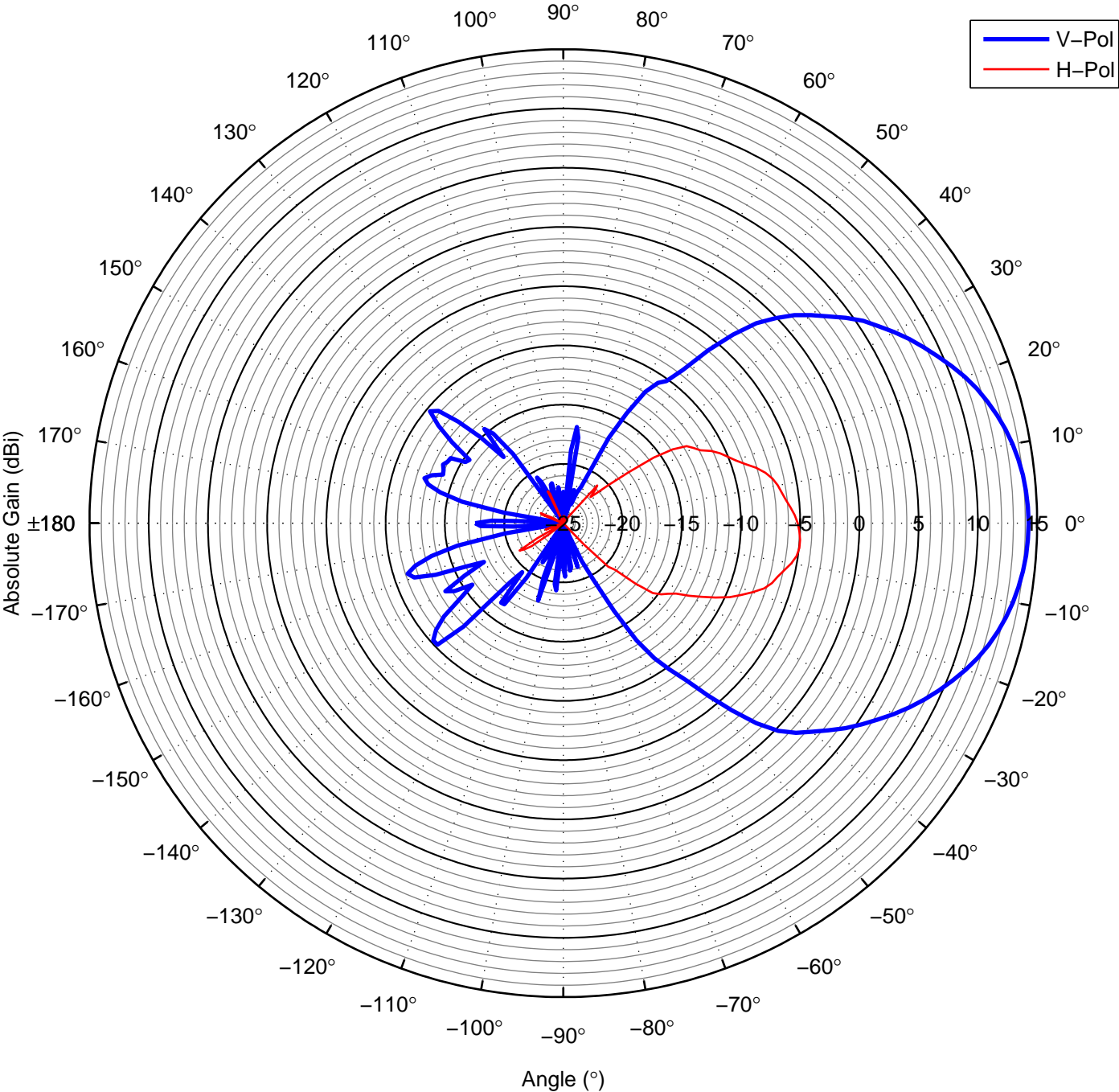


Figure #: 15

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

Squint (6dB): -0.11° -1.63°

BW1 (3dB): 37.41° 36.25°

SLL: 26.31dB 10.32dB

V-Pol
H-Pol

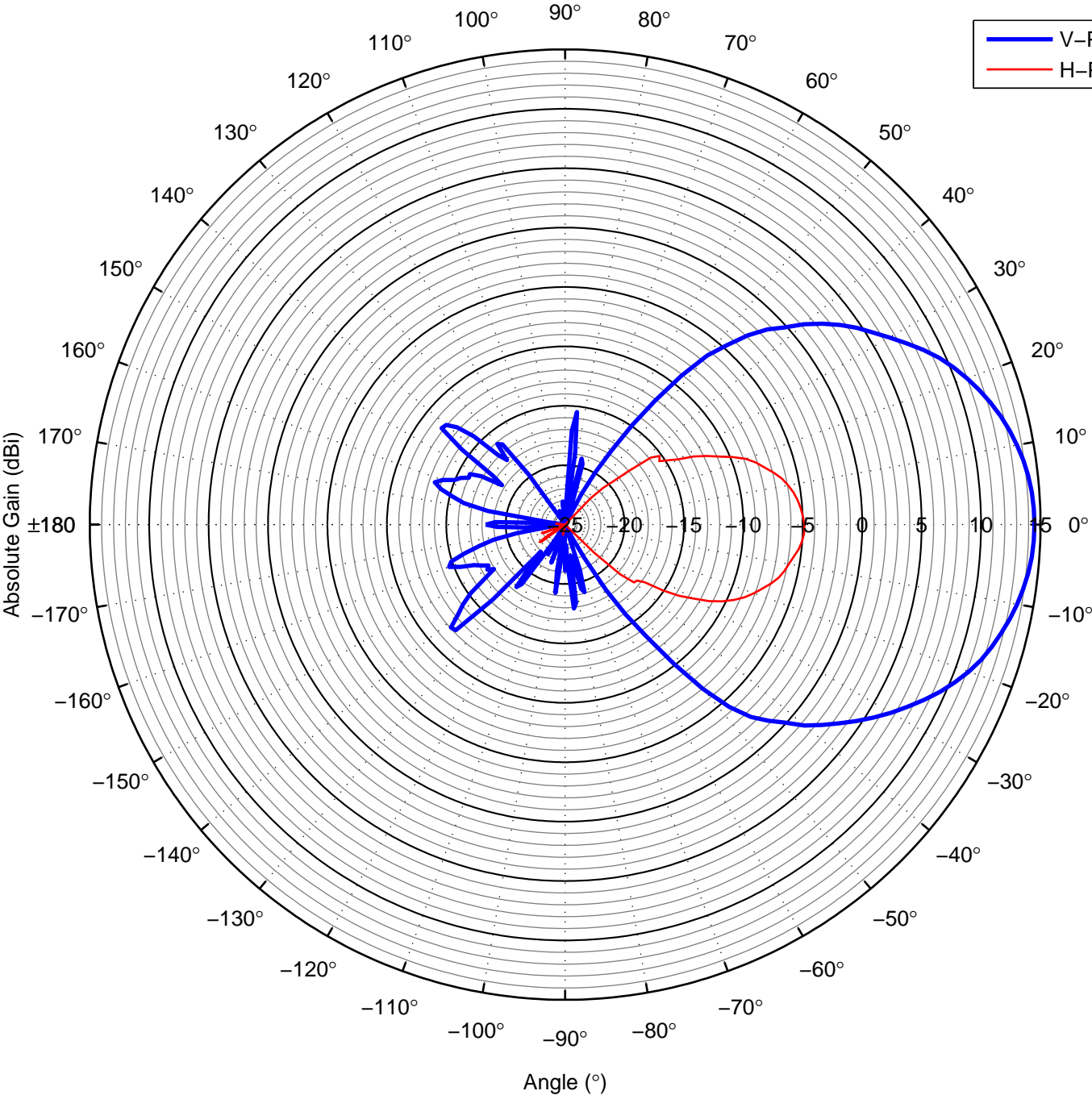
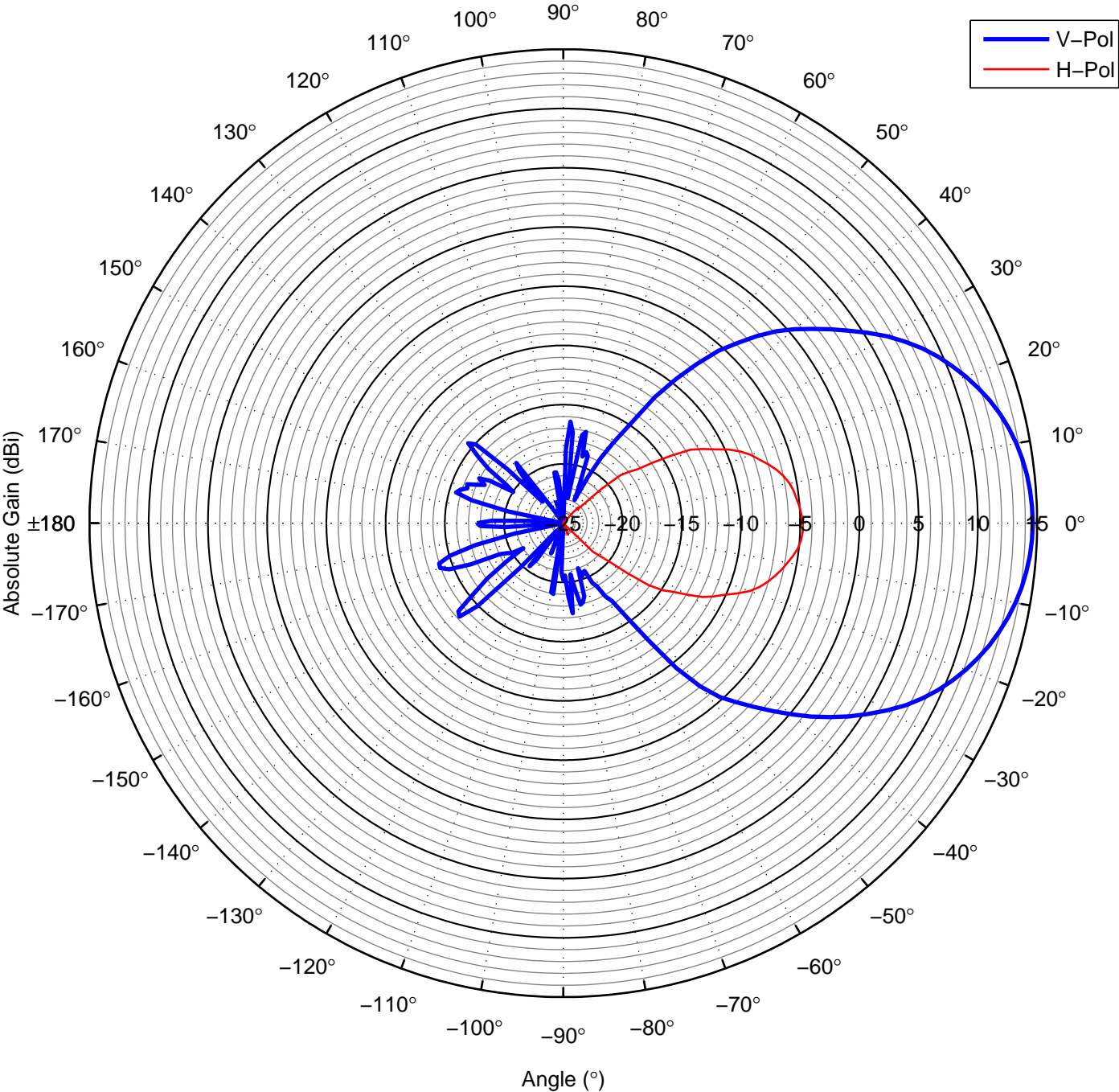


Figure #: 16

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

Squint (6dB): -0.06° 0.16°
BW1 (3dB): 37.23° 37.14°
SLL: 27.84dB 18.36dB



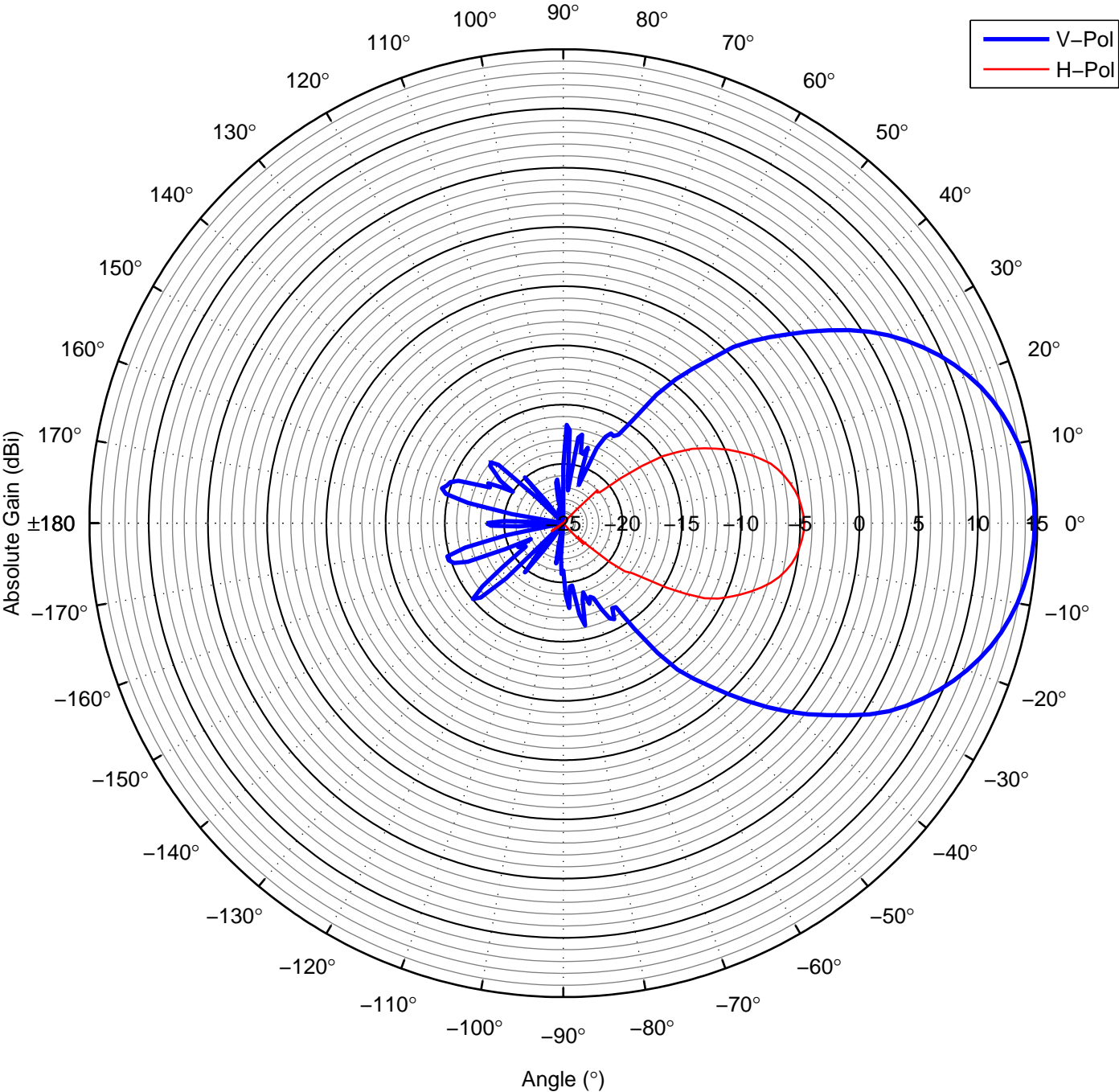
Antenna: SLA
Frequency: 26.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): 0.05° -0.19°

BW1 (3dB): 37.32° 37.22°

SLL: 29.15dB 16.33dB

Figure #: 18



Printed Horn

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

Squint (6dB): 0.07° 0.41°
BW1 (3dB): 36.80° 36.59°
SLL: 29.24dB 18.99dB

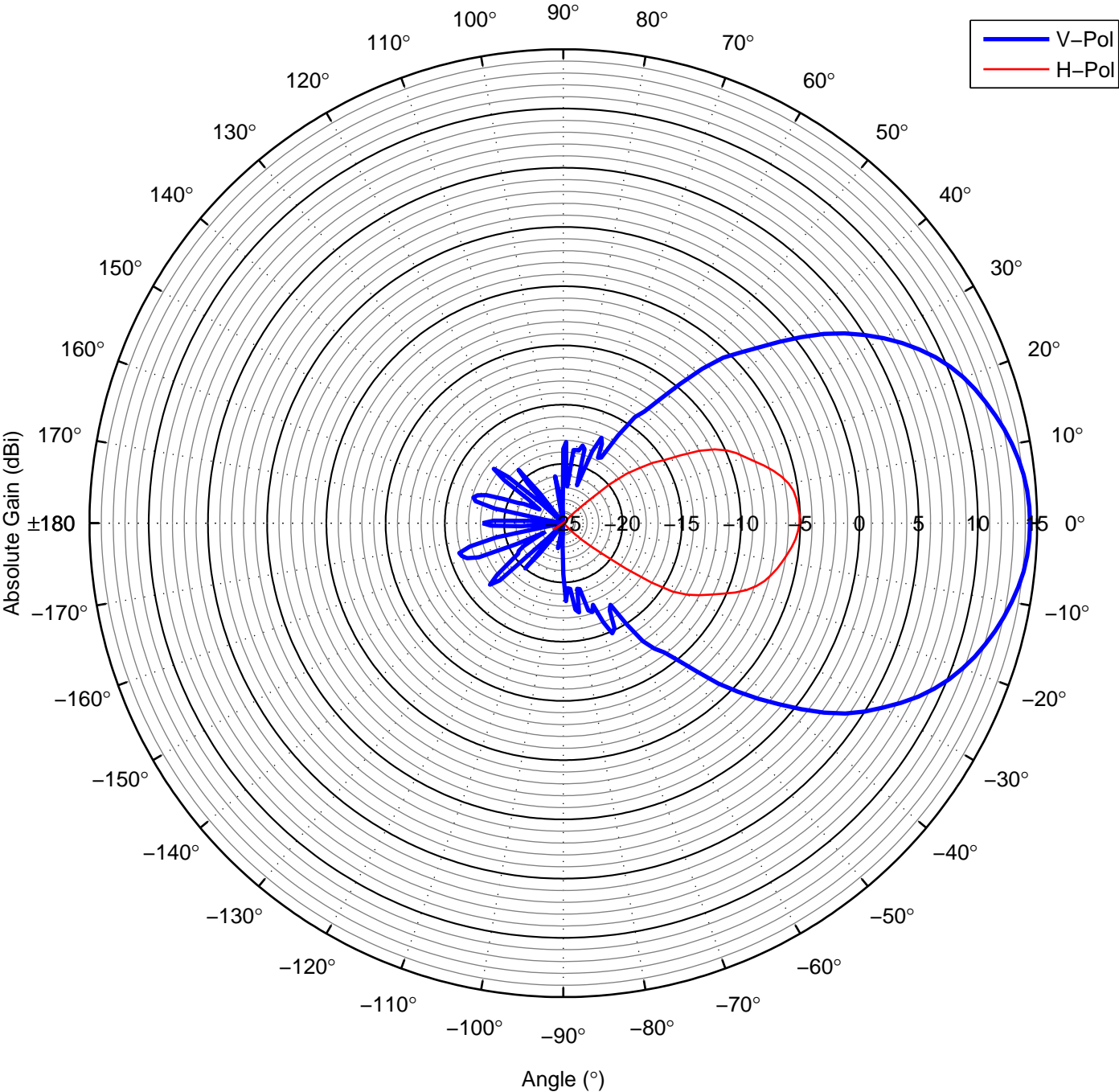


Figure #: 19

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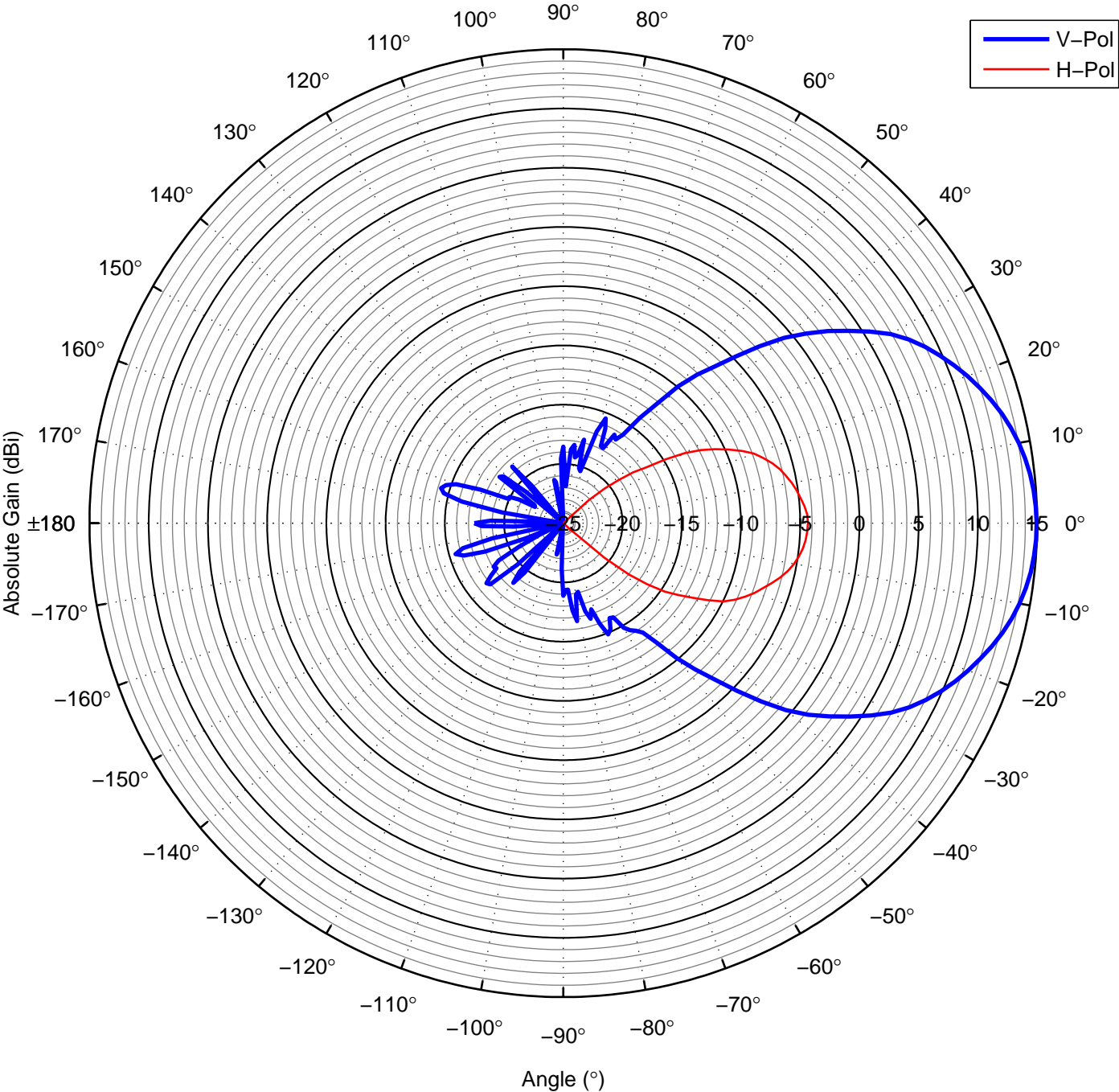
Antenna: SLA
Frequency: 27.5 GHz
Polarisation: V/H Linear
Plane of Cut: Azimuth

Squint (6dB): -0.09° -0.73°

BW1 (3dB): 36.15° 36.68°

SLL: 29.23dB 21.09dB

Figure #: 20



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

Squint (6dB): -0.26° -1.76°

BW1 (3dB): 35.34° 36.75°

SLL: 28.69dB 21.13dB

V-Pol
H-Pol

