

Printed Horn

18-Feb-2022

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

Squint (6dB): 0.13° 1.94°  
BW1 (3dB): 52.47° 47.73°  
SLL: 22.31dB 14.56dB

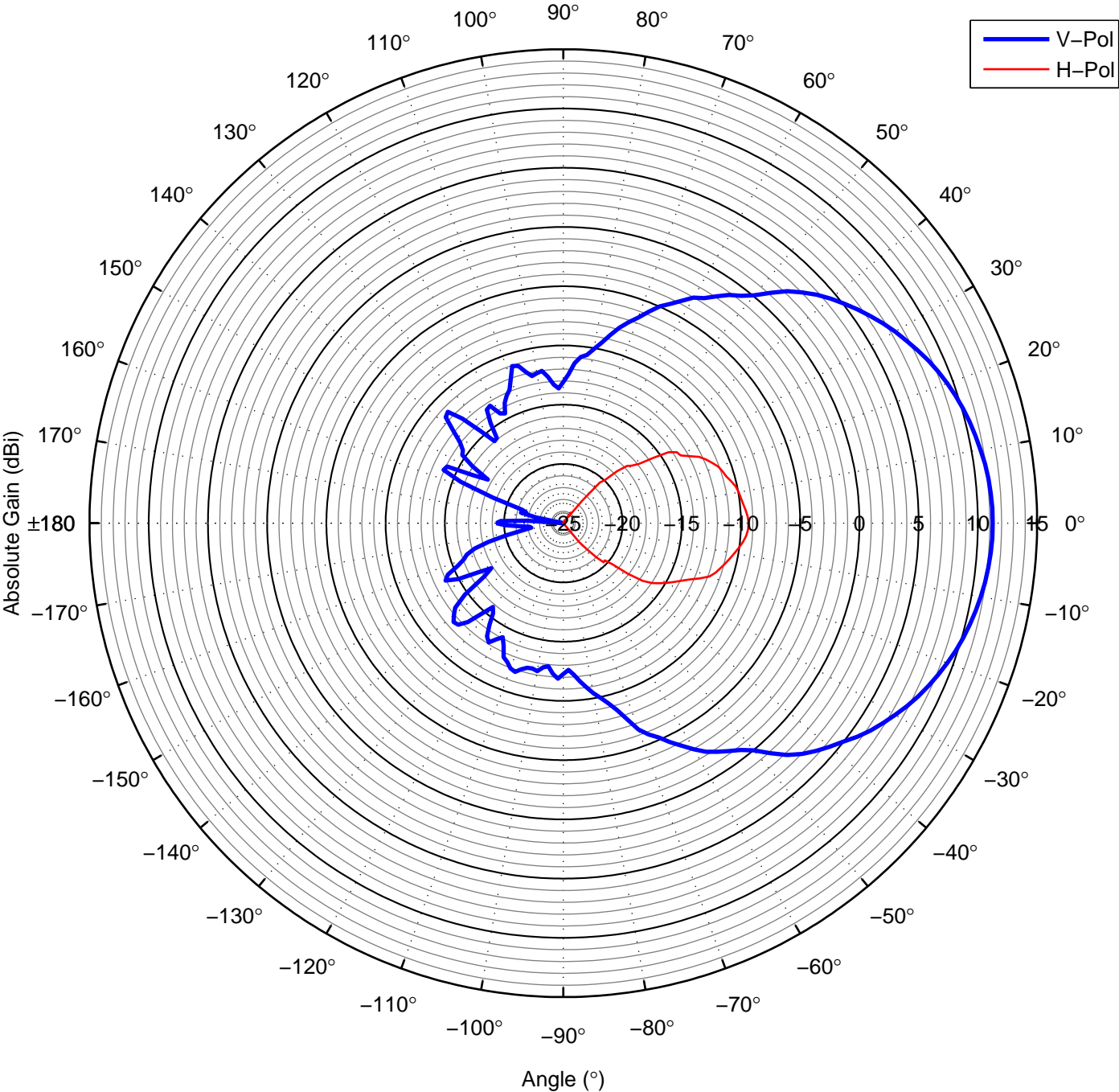


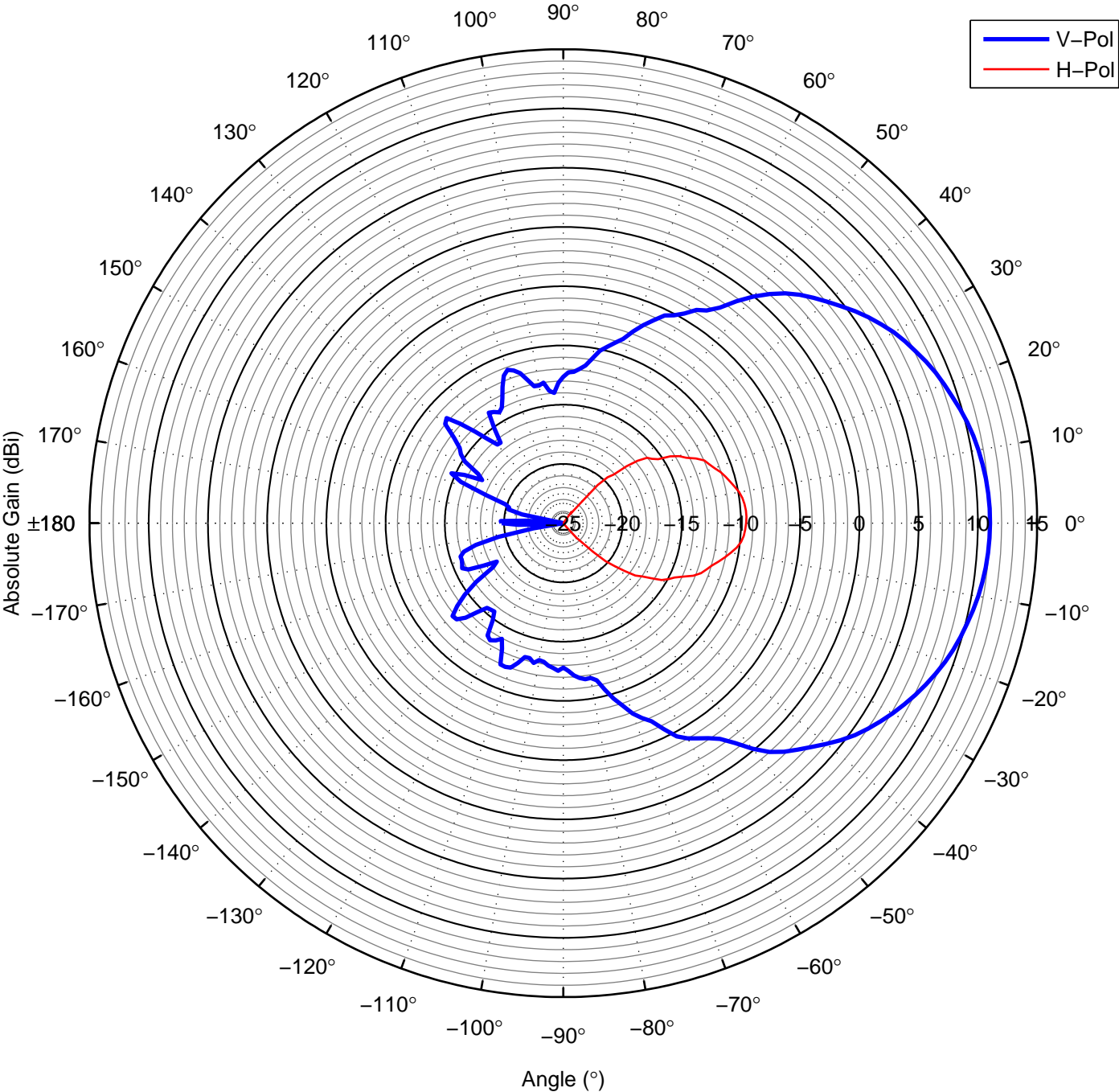
Figure #: 1

Printed Horn

18-Feb-2022

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

Squint (6dB): 0.02° 2.32°  
BW1 (3dB): 52.43° 45.24°  
SLL: 22.26dB 14.31dB



Printed Horn

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

Squint (6dB): 0.21° 3.54°  
BW1 (3dB): 52.84° 49.40°  
SLL: 22.46dB 18.18dB

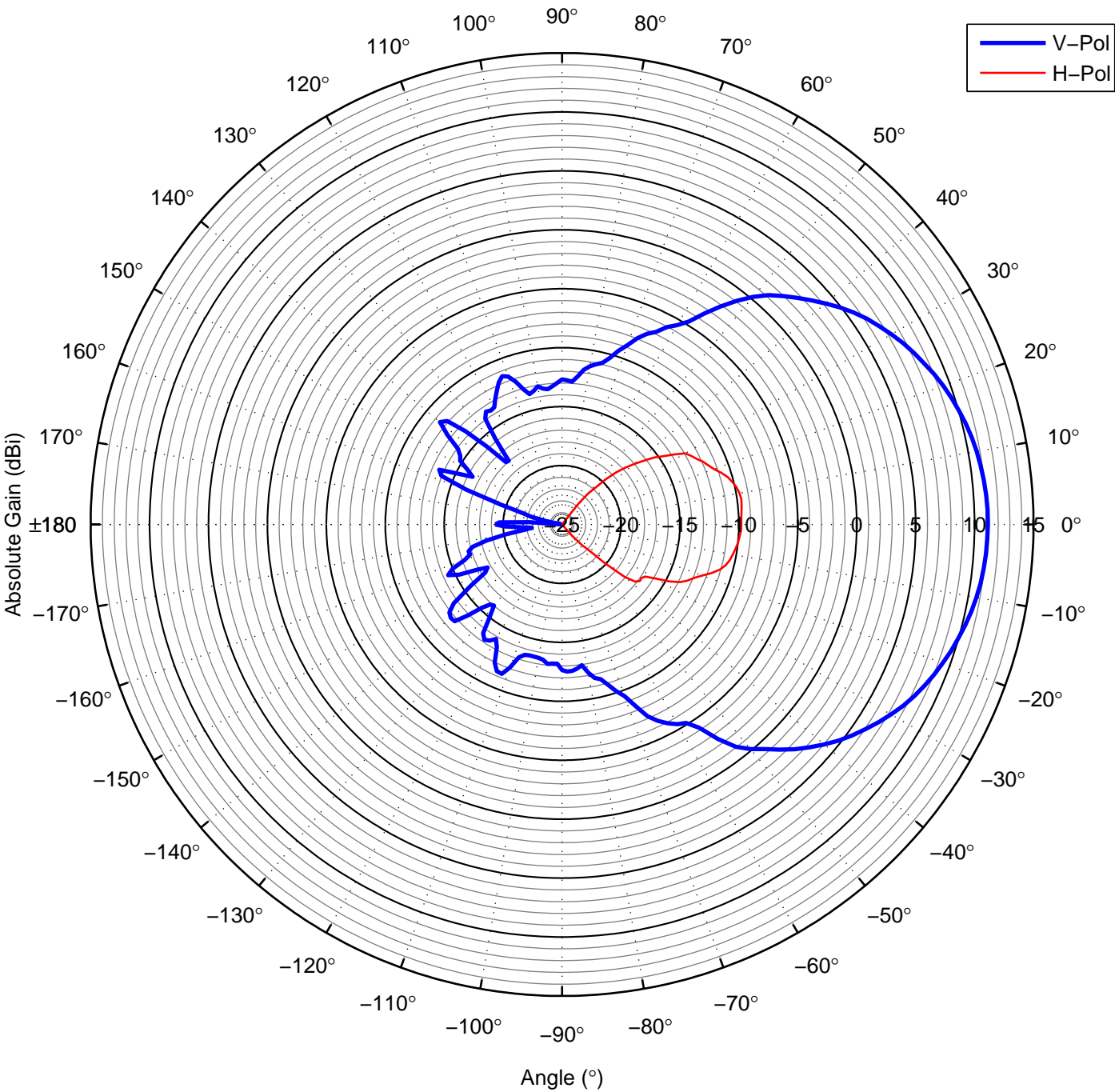


Figure #: 3

Printed Horn

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

Squint (6dB): 0.12° 3.24°  
BW1 (3dB): 51.52° 44.91°  
SLL: 21.93dB 9.50dB

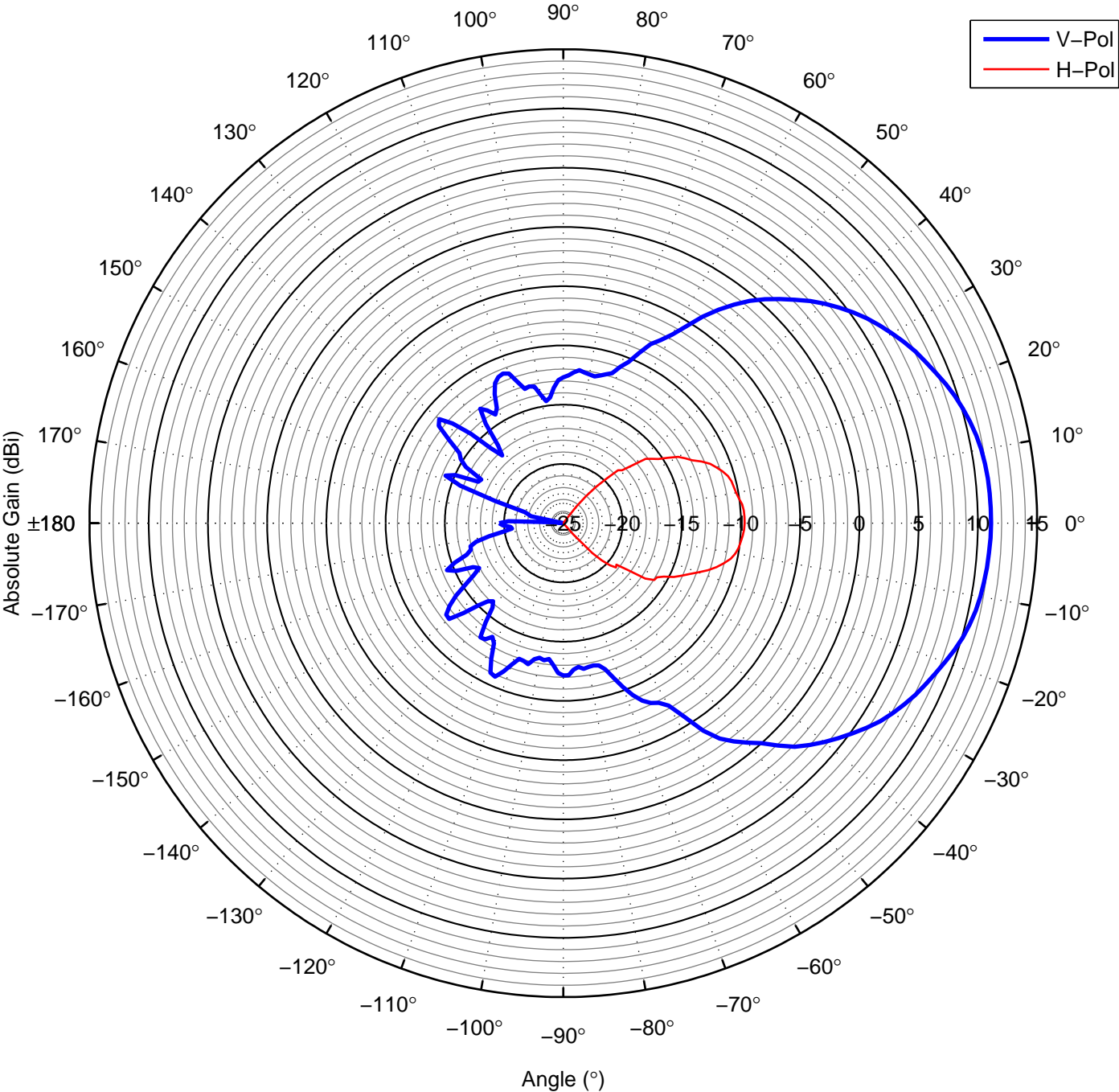
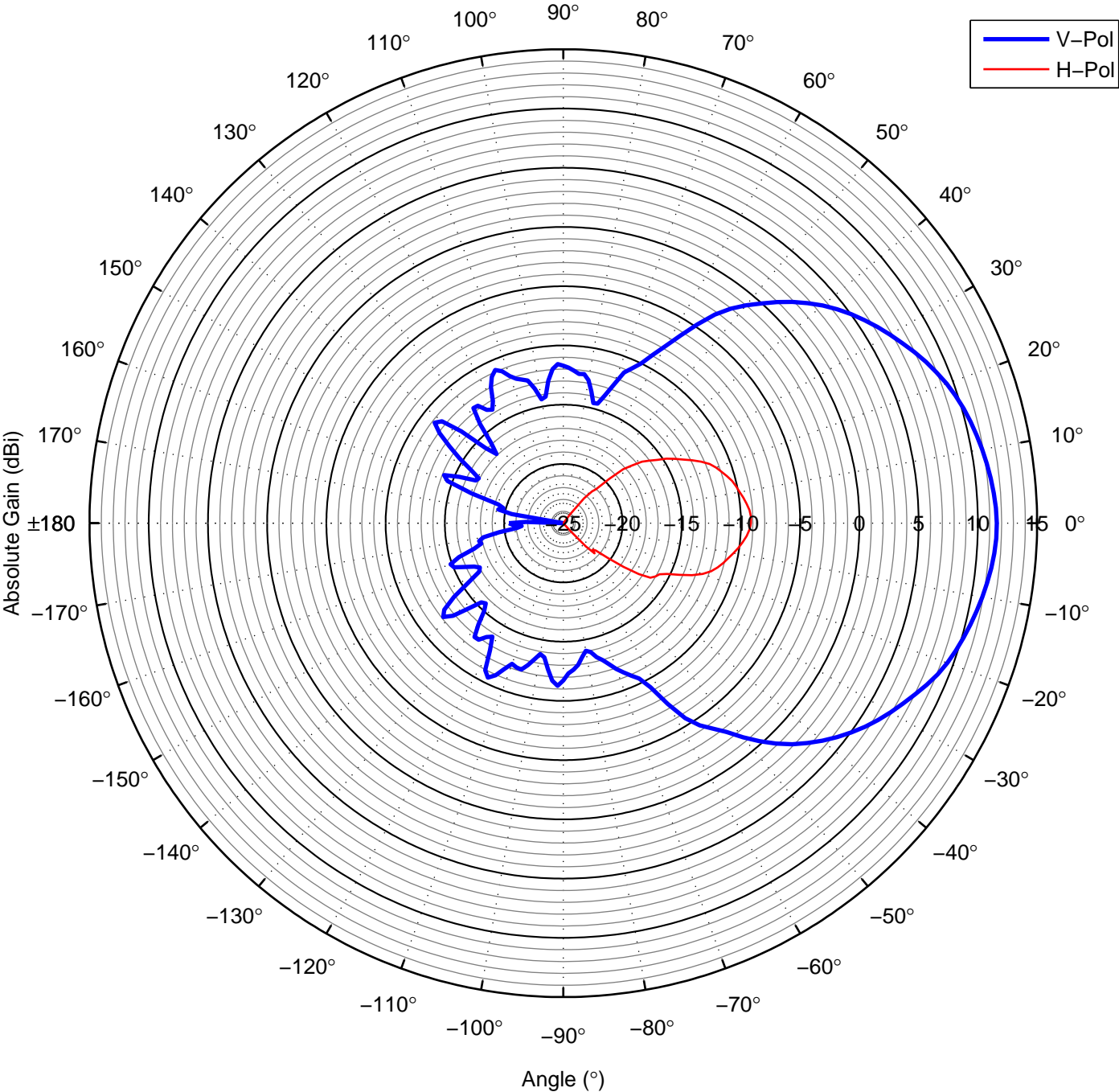


Figure #: 4



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

Squint (6dB): -0.10° 3.68°  
BW1 (3dB): 47.47° 42.54°  
SLL: 22.09dB 12.18dB

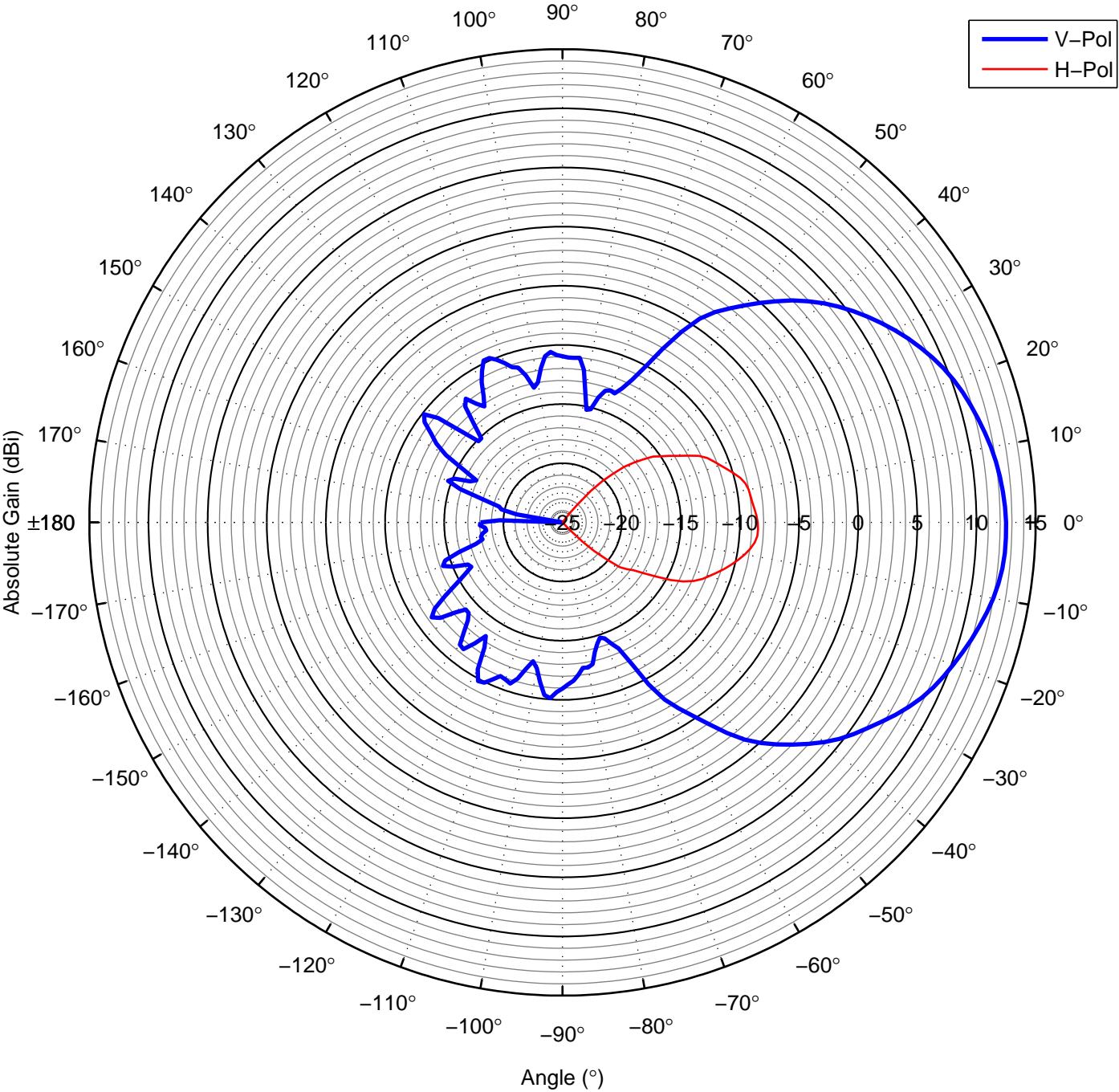


Printed Horn

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

Squint (6dB): -0.02° 2.27°  
BW1 (3dB): 46.01° 41.92°  
SLL: 22.30dB 18.84dB



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

Squint (6dB): 0.05° 1.92°

BW1 (3dB): 44.43° 41.79°

SLL: 22.13dB 18.33dB

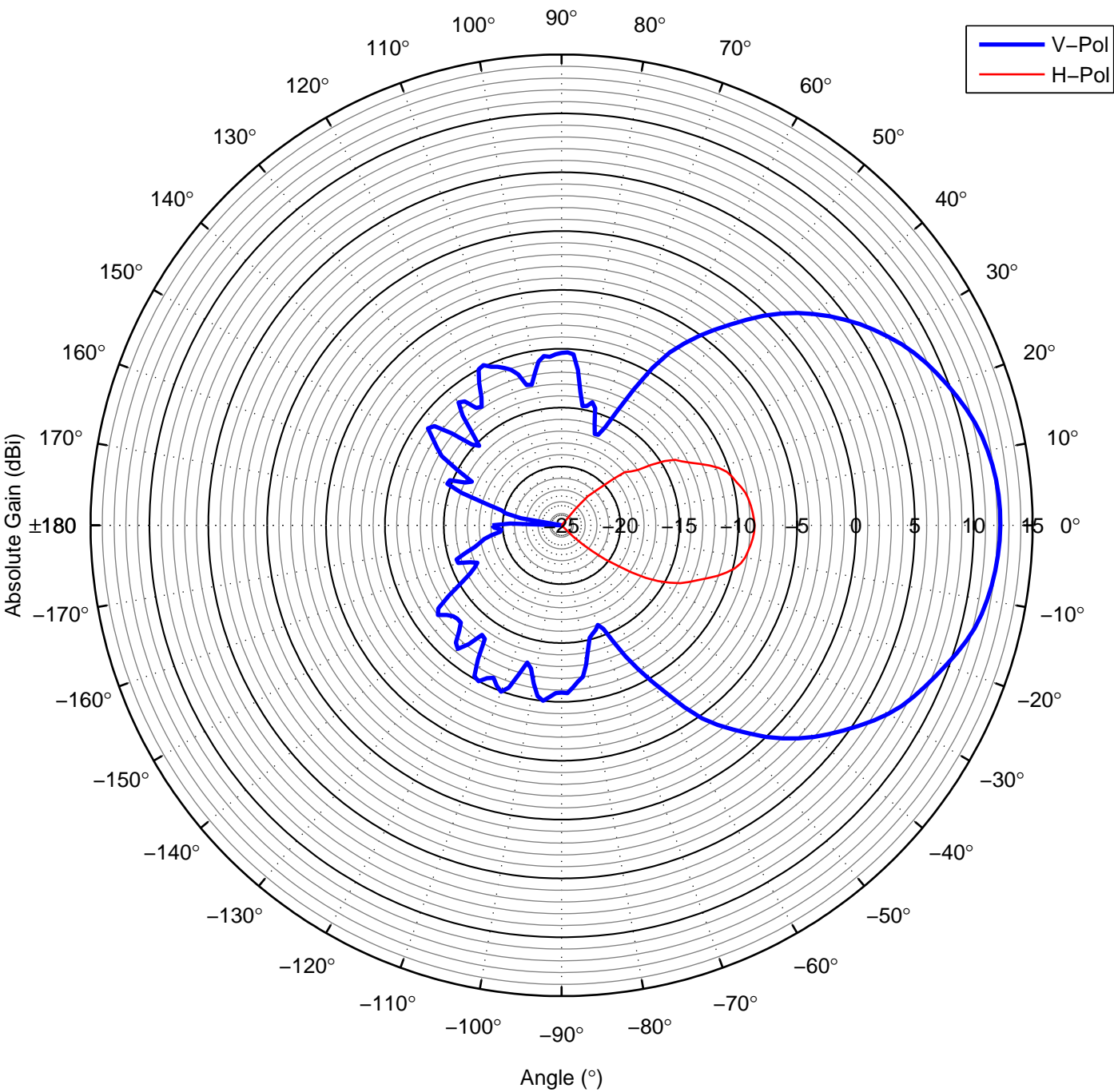
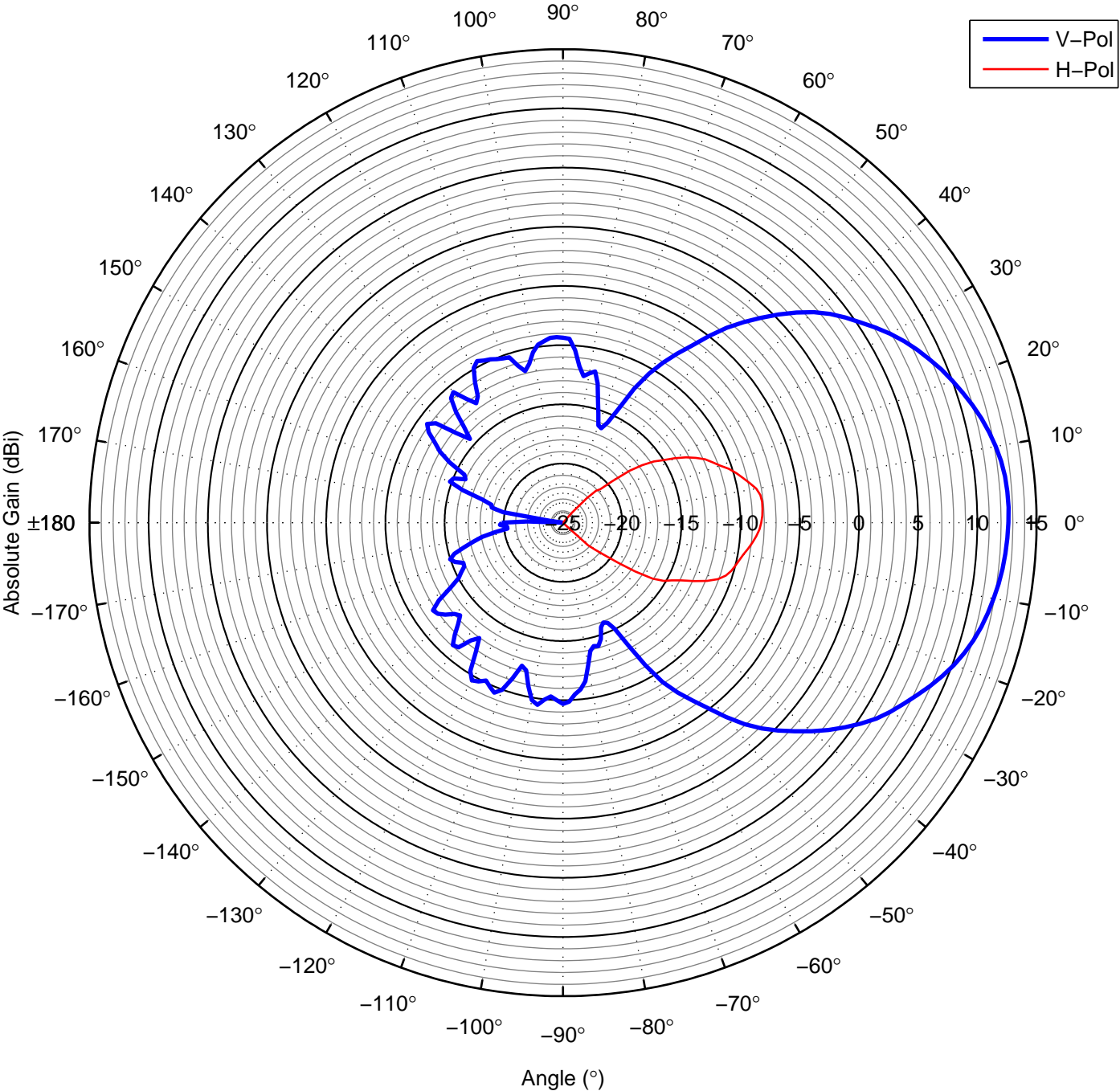


Figure #: 7

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

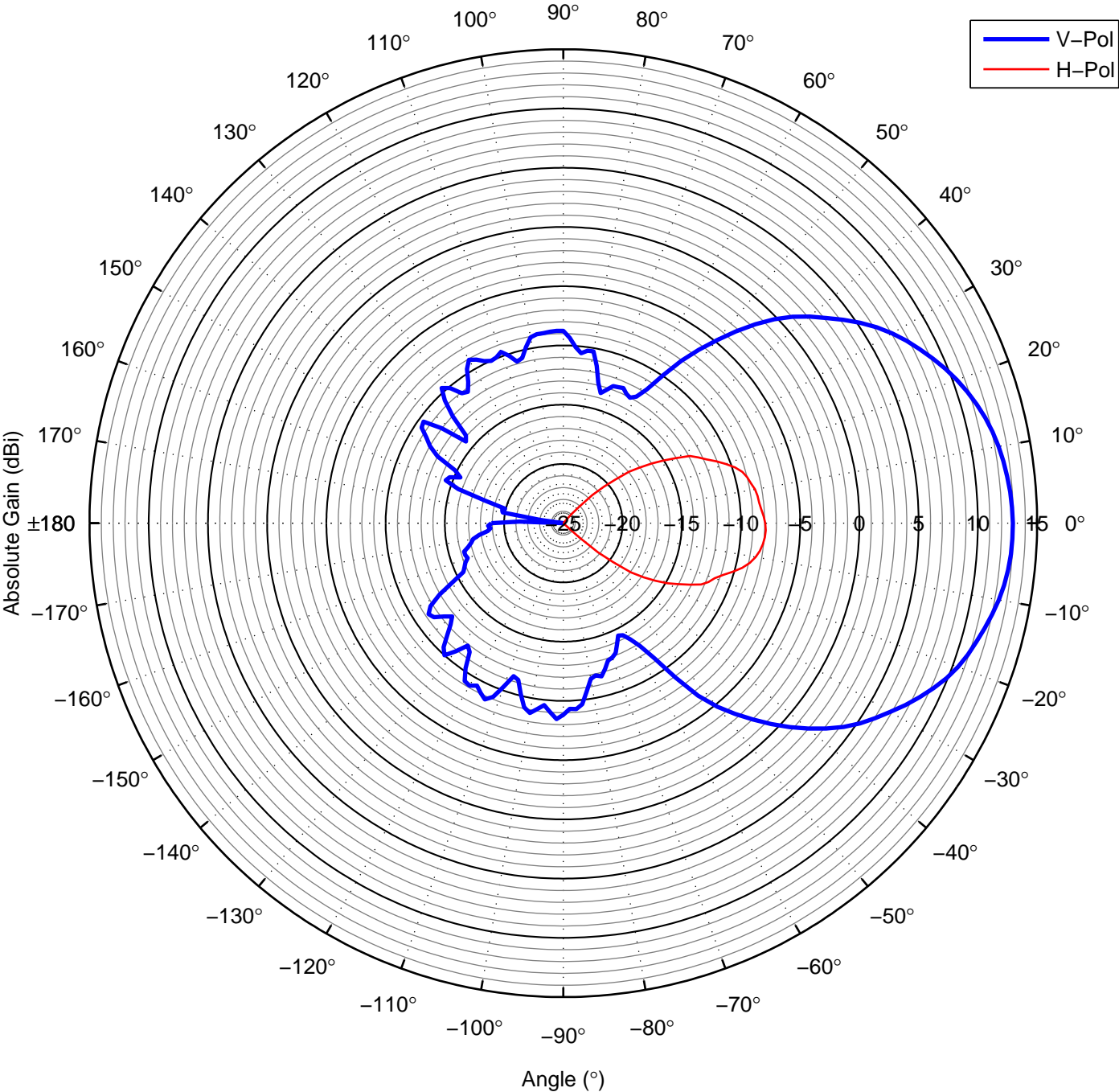
Squint (6dB): -0.07° 1.71°  
BW1 (3dB): 43.07° 40.90°  
SLL: 21.98dB 20.08dB





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

Squint (6dB): 0.21° 1.06°  
BW1 (3dB): 43.26° 39.69°  
SLL: 21.40dB 20.20dB



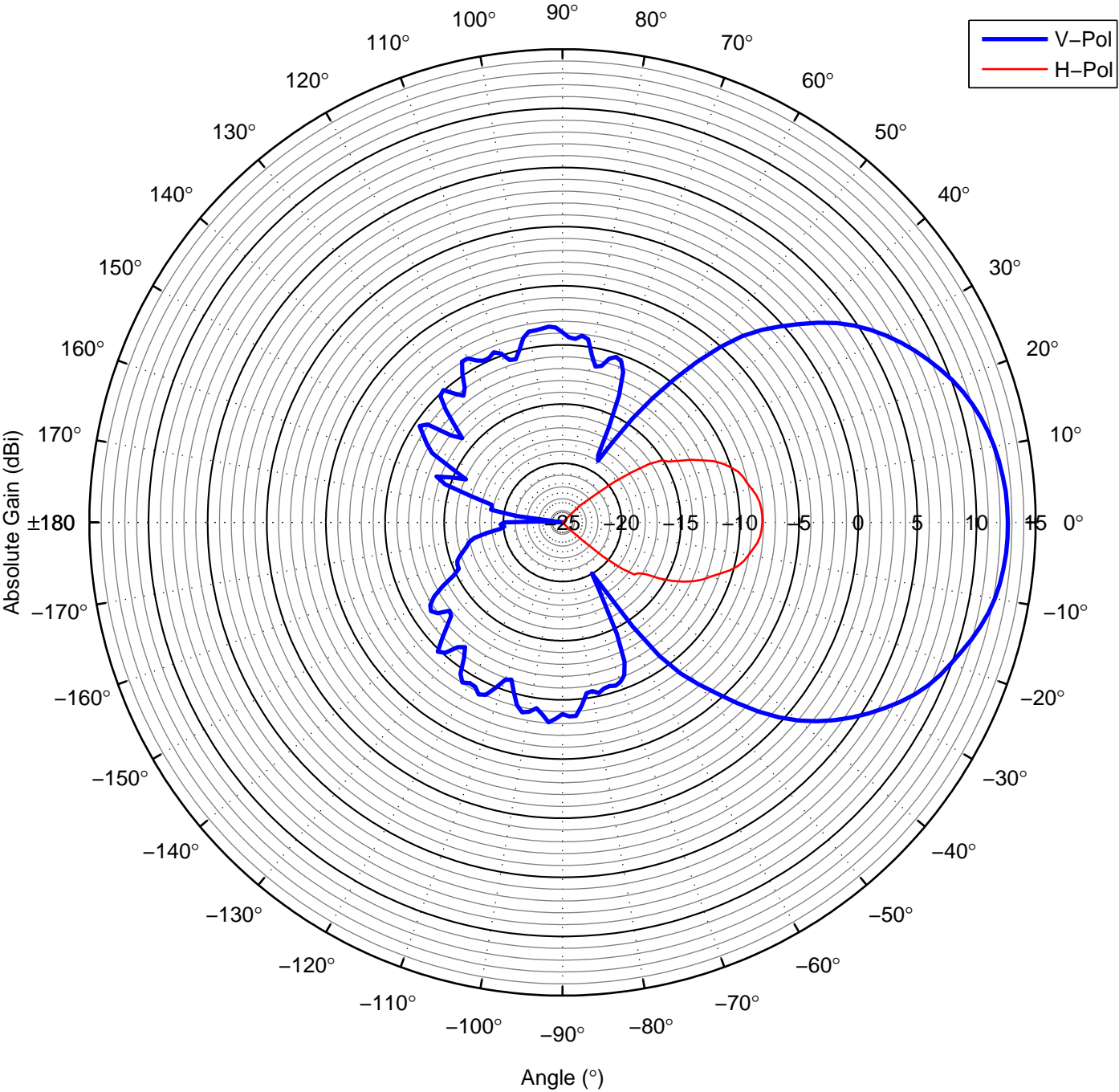
Printed Horn

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

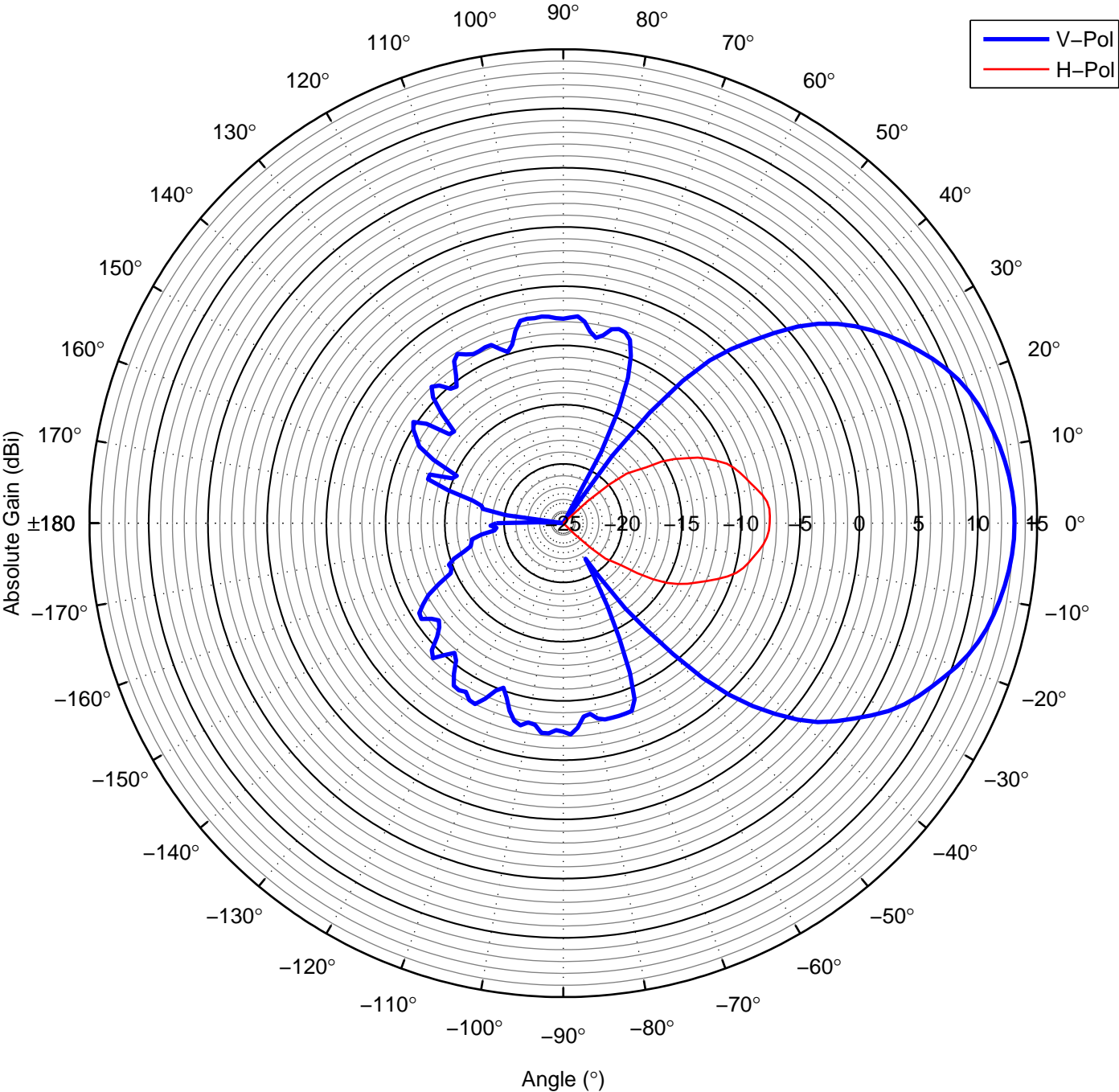
Squint (6dB): 0.18° 0.67°  
BW1 (3dB): 42.60° 40.09°  
SLL: 20.71dB 18.50dB

Figure #: 10



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

Squint (6dB): -0.09° 0.97°  
BW1 (3dB): 41.95° 39.03°  
SLL: 20.26dB 18.64dB



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

Squint (6dB): -0.06° 1.07°  
BW1 (3dB): 40.65° 39.96°  
SLL: 18.79dB 17.11dB

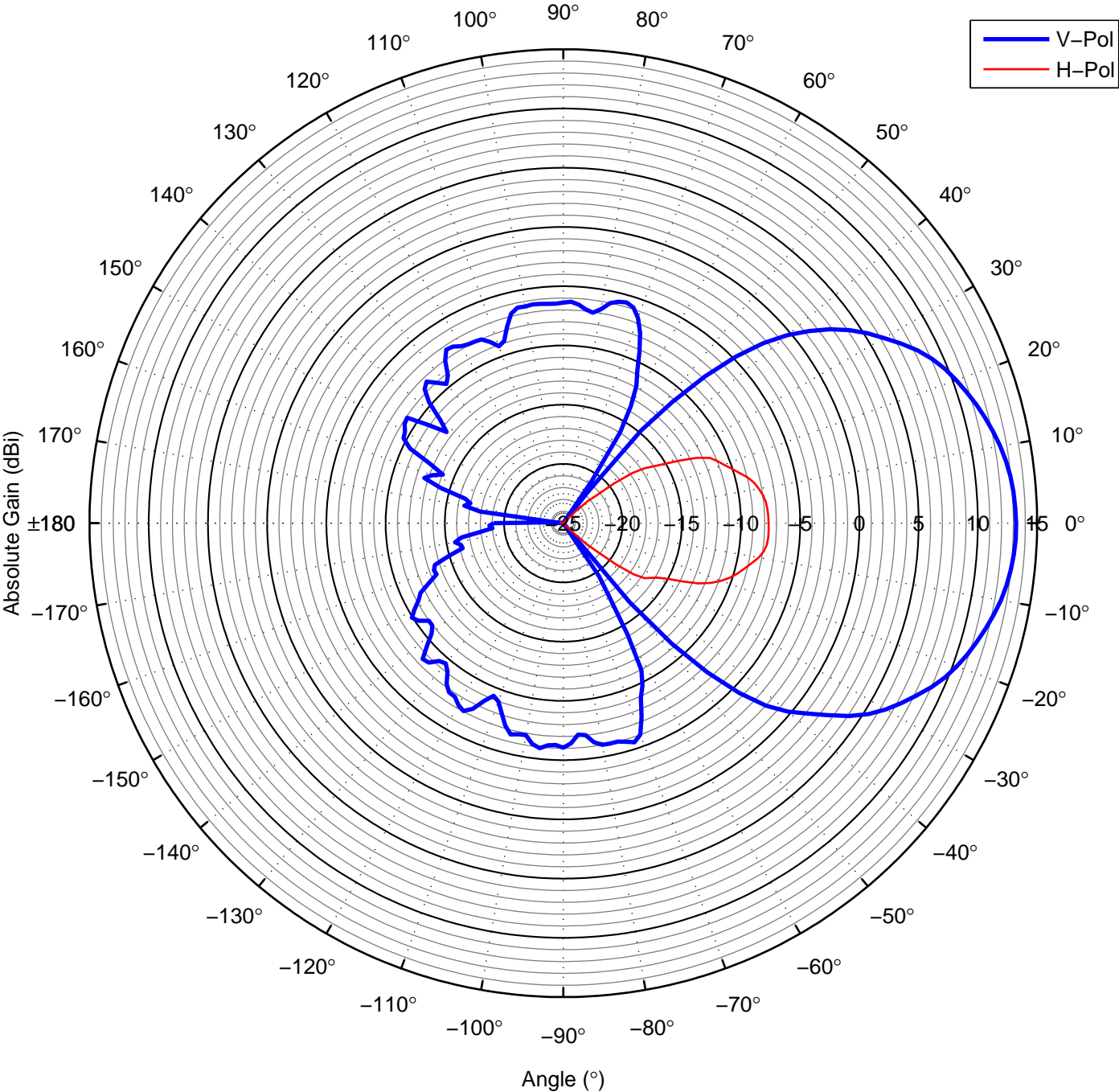
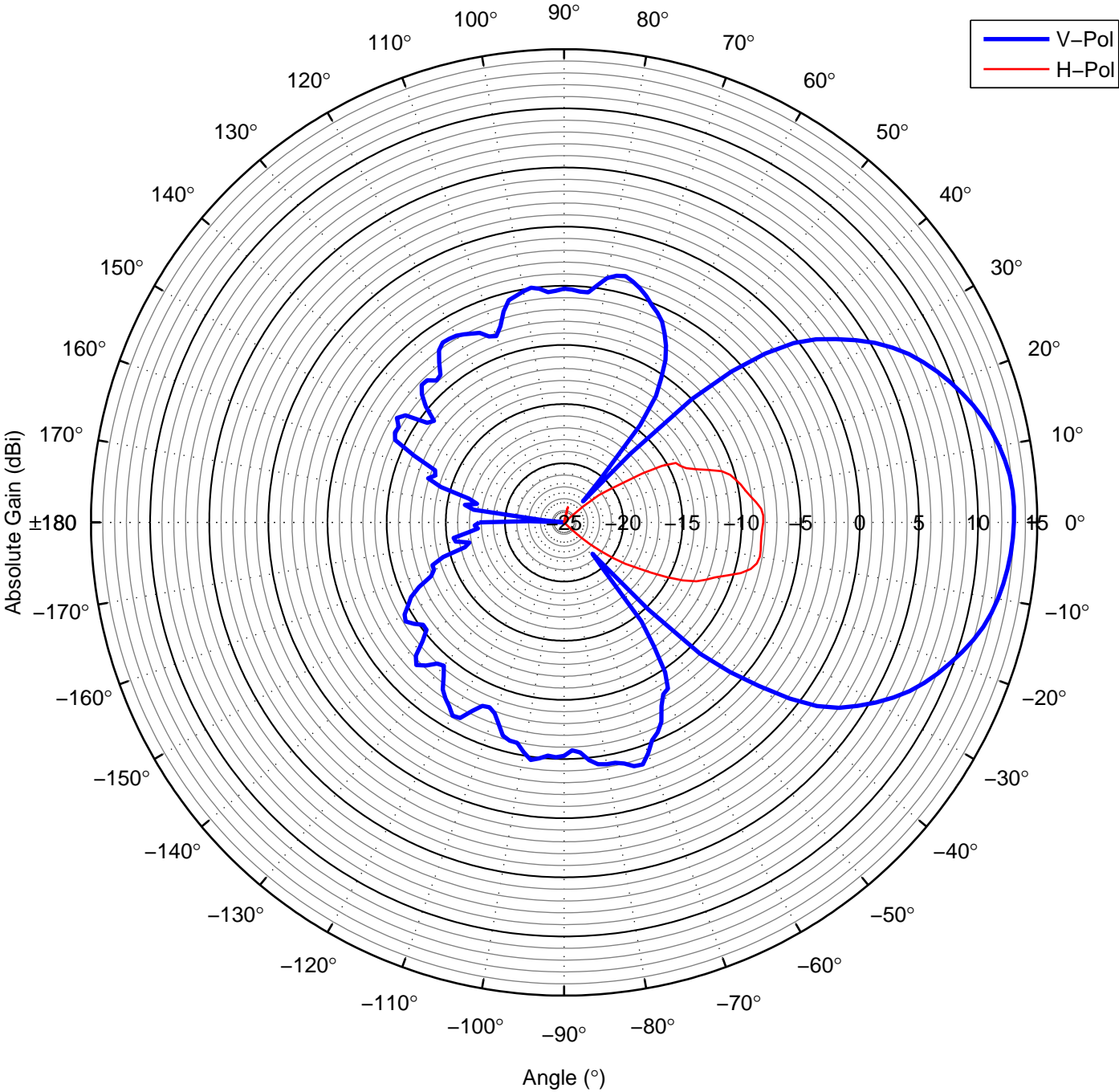


Figure #: 12



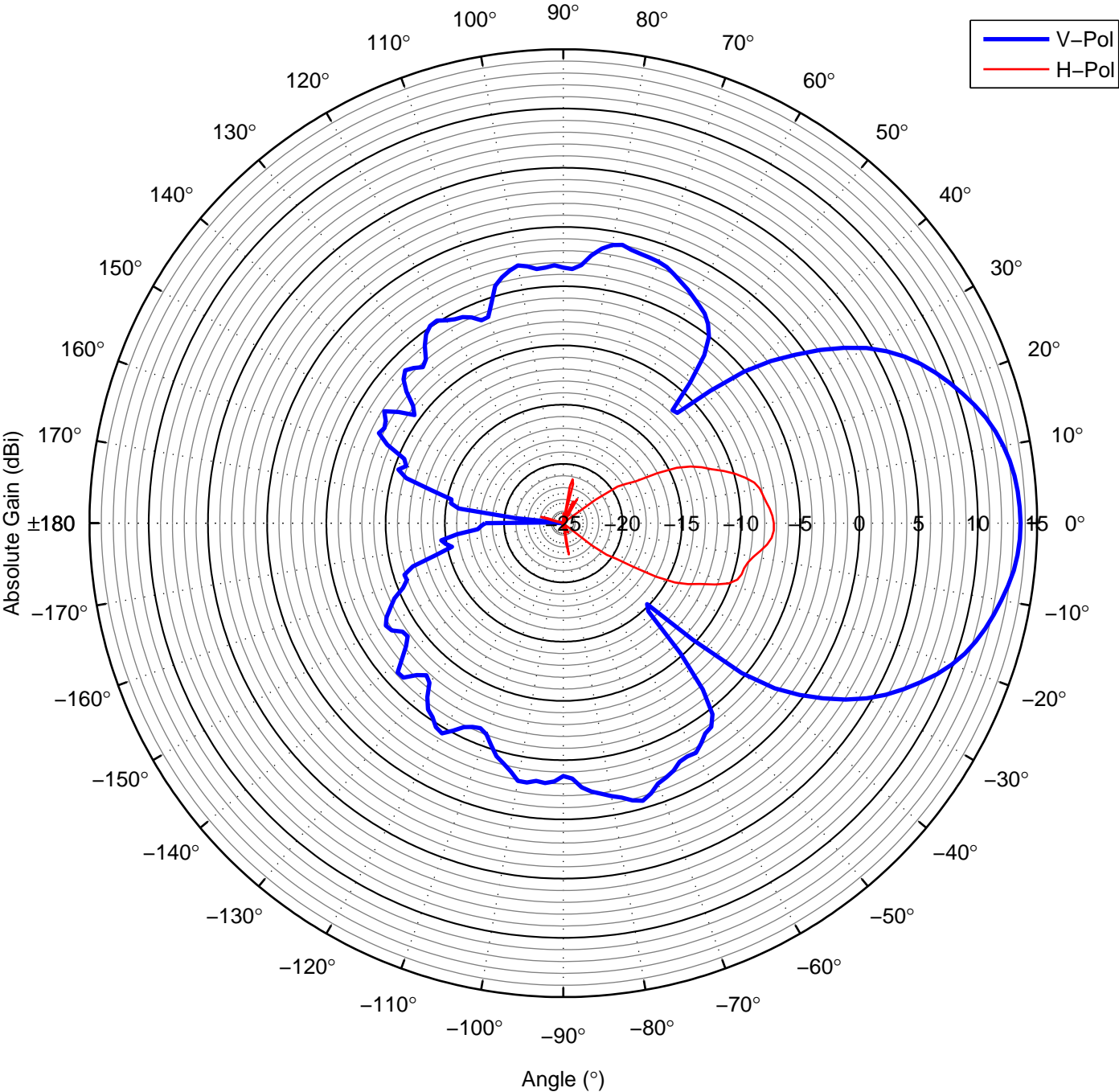
Antenna: SLM  
Frequency: 24 GHz  
Polarisation: V/H Linear  
Plane of Cut: Elevation

Squint (6dB): -0.08° 0.07°  
BW1 (3dB): 38.03° 37.74°  
SLL: 16.55dB 15.52dB



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

Squint (6dB): 0.05° -0.95°  
BW1 (3dB): 35.60° 36.91°  
SLL: 14.23dB 13.99dB



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

Squint (6dB): 0.05° -0.31°

BW1 (3dB): 35.13° 33.53°

SLL: 13.56dB 13.39dB

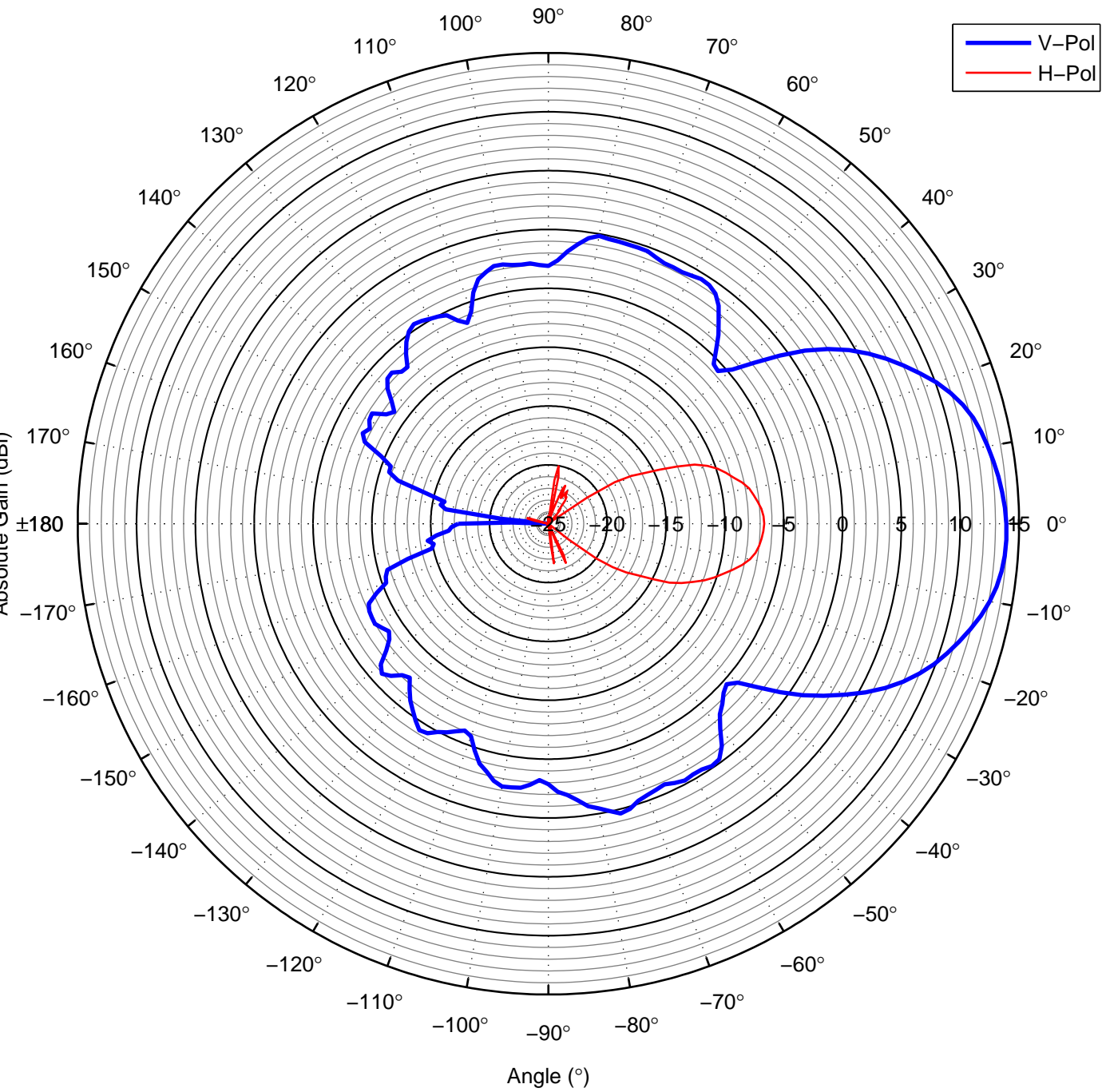
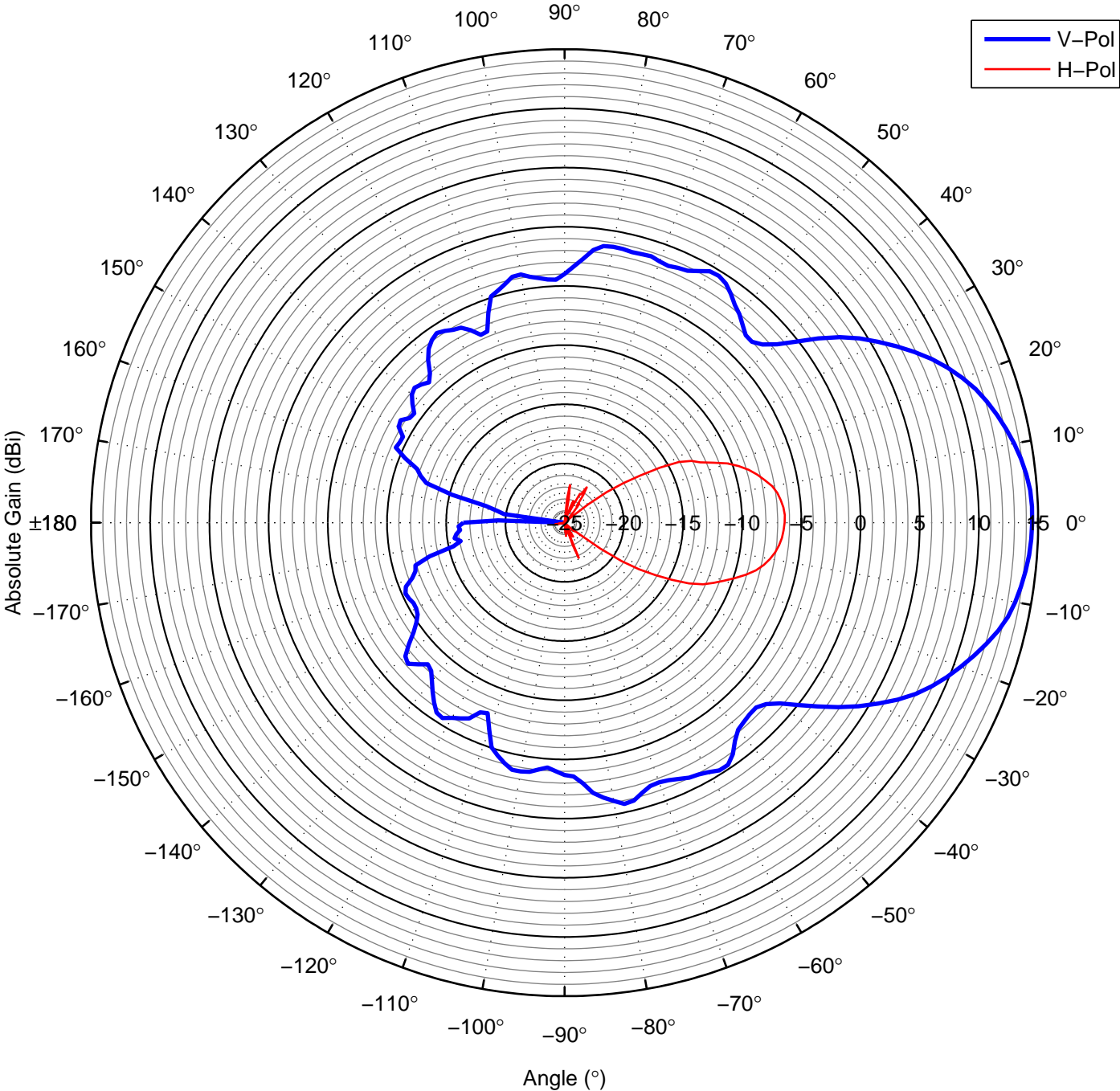


Figure #: 15

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

Squint (6dB): -0.04° -0.24°  
BW1 (3dB): 35.61° 34.44°  
SLL: 14.82dB 15.08dB





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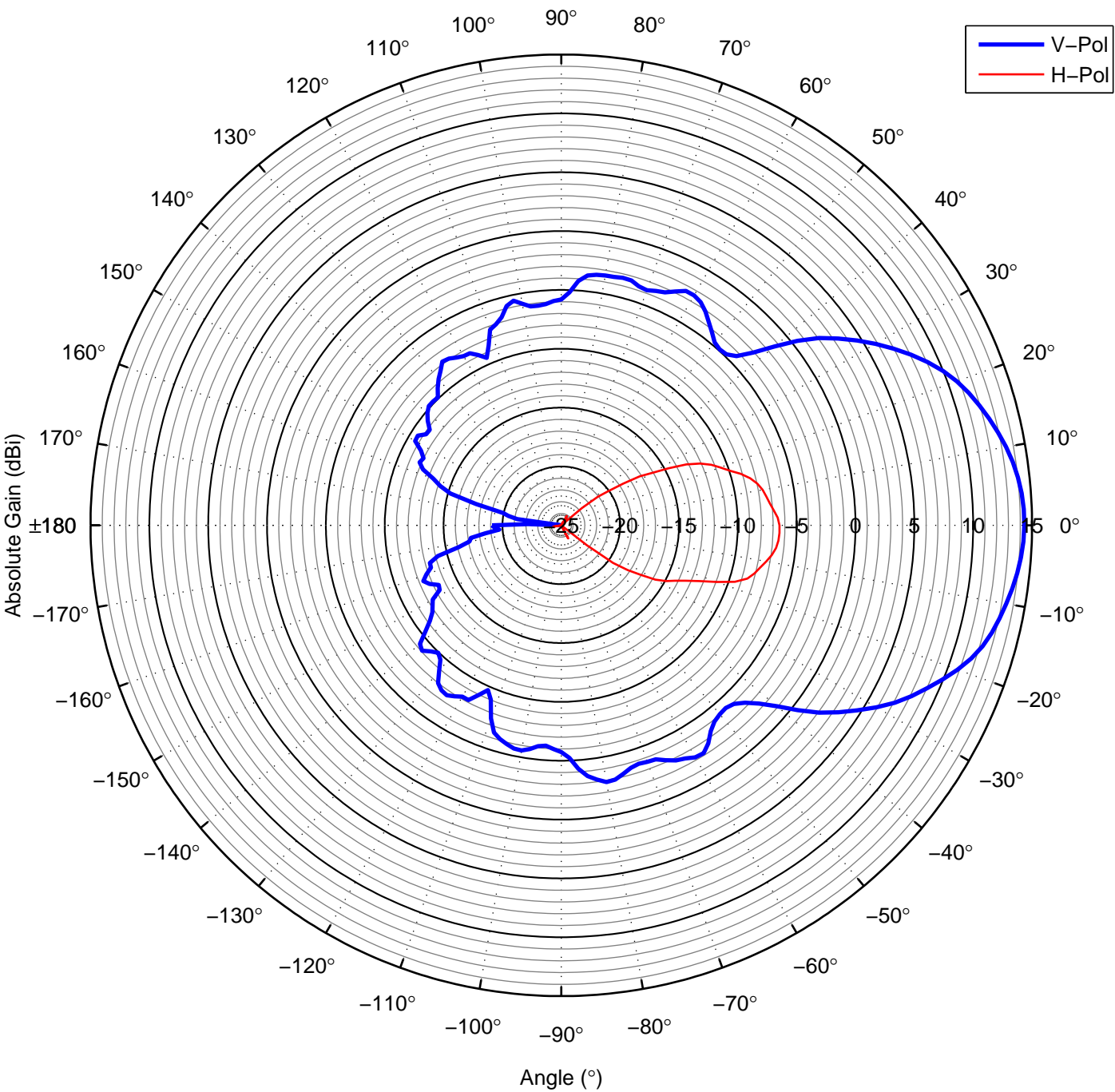
Antenna: SLM  
Frequency: 26 GHz  
Polarisation: V/H Linear  
Plane of Cut: Elevation

Squint (6dB): -0.03° 1.25°

BW1 (3dB): 36.88° 34.71°

SLL: 16.52dB 17.29dB

Figure #: 17



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

Squint (6dB): -0.01° 0.23°  
BW1 (3dB): 36.61° 35.55°  
SLL: 17.76dB 17.24dB

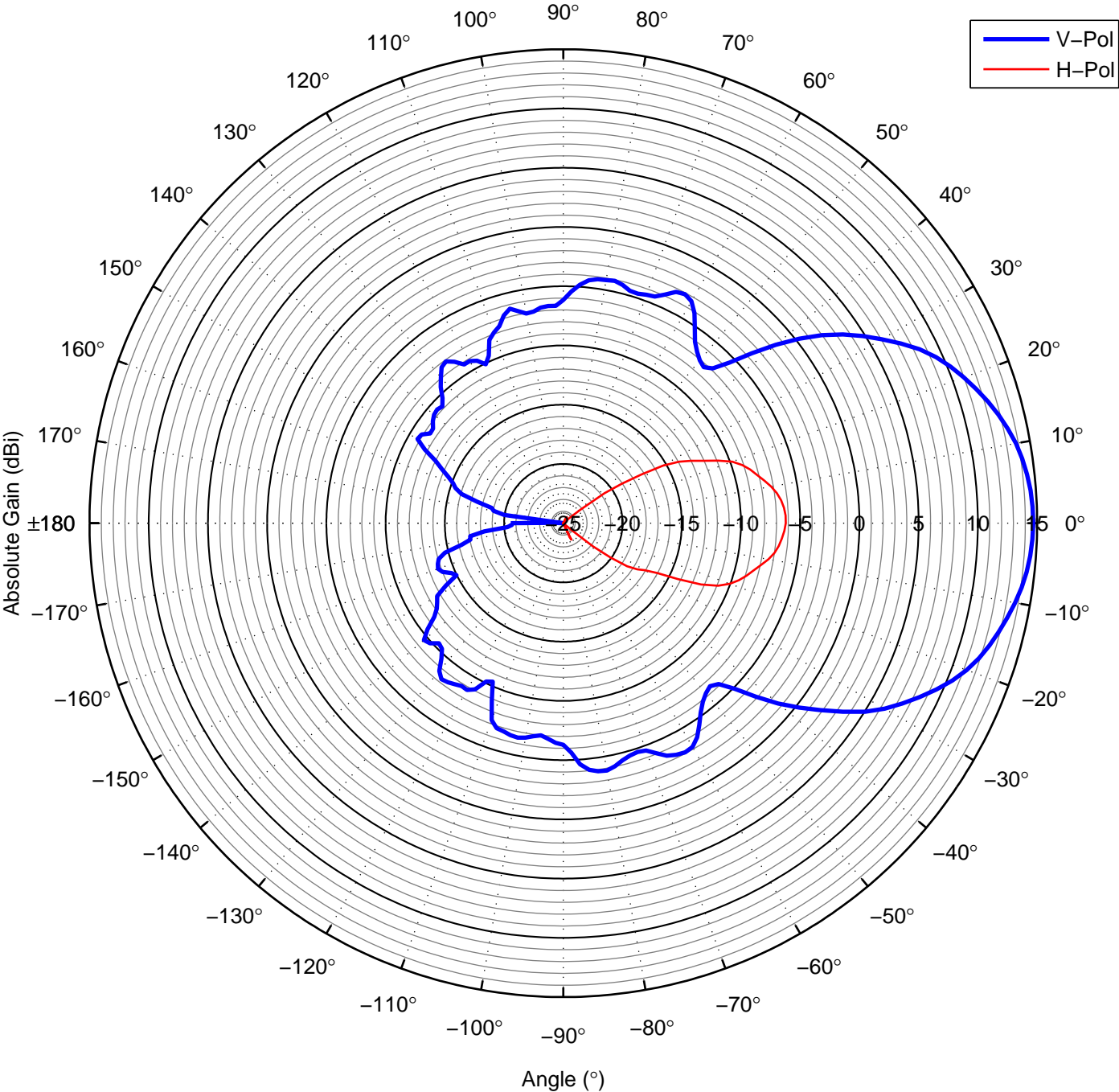


Figure #: 18

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

Squint (6dB): -0.18° 1.54°  
BW1 (3dB): 35.98° 33.28°  
SLL: 17.83dB 17.51dB

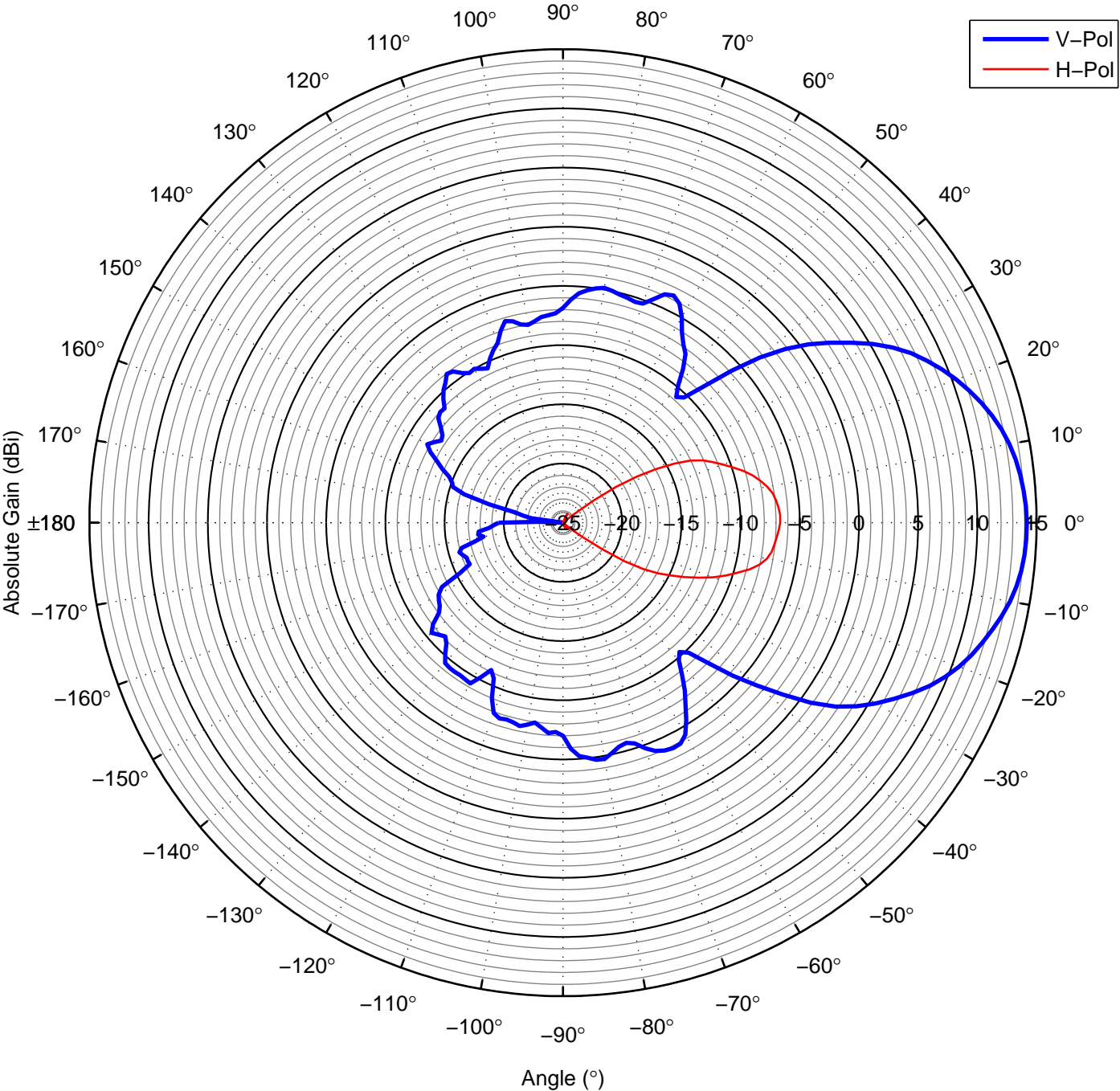


Figure #: 19

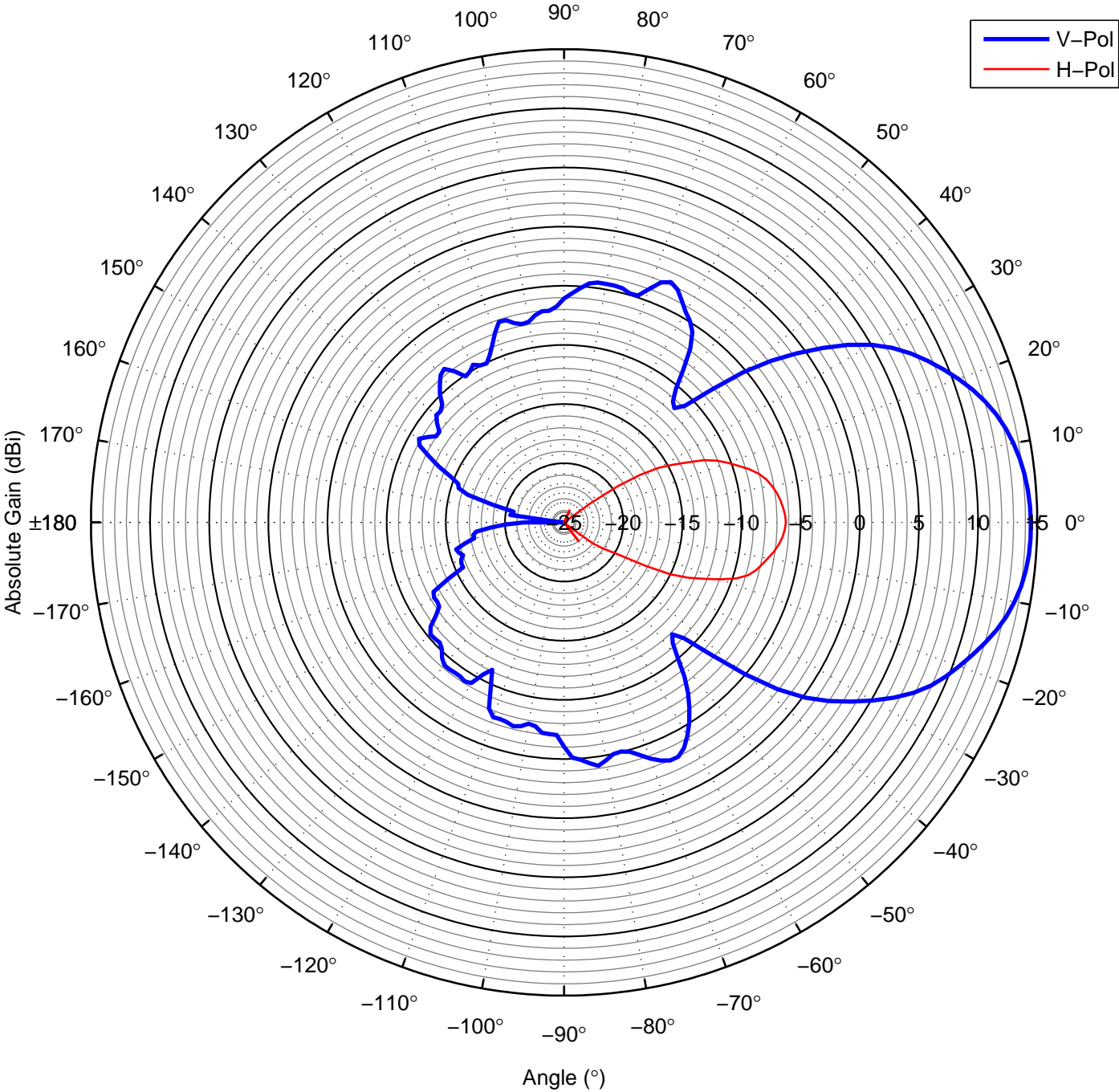
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Antenna: SLM  
Frequency: 27.5 GHz  
Polarisation: V/H Linear  
Plane of Cut: Elevation

Squint (6dB): -0.29° 1.15°  
BW1 (3dB): 35.06° 34.35°  
SLL: 17.25dB 16.73dB

Figure #: 20





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

Squint (6dB): -0.12° 0.09°  
BW1 (3dB): 34.17° 34.25°  
SLL: 16.25dB 17.07dB

