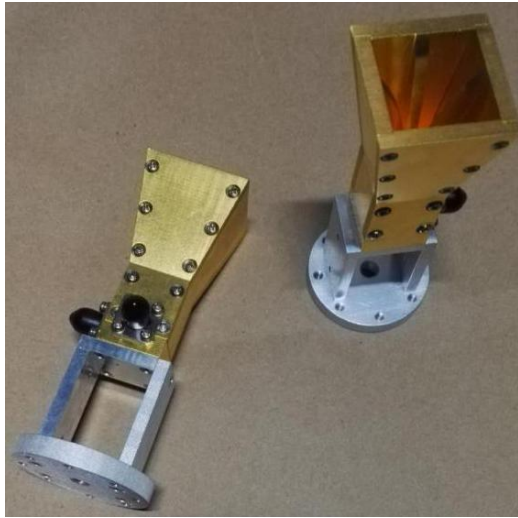
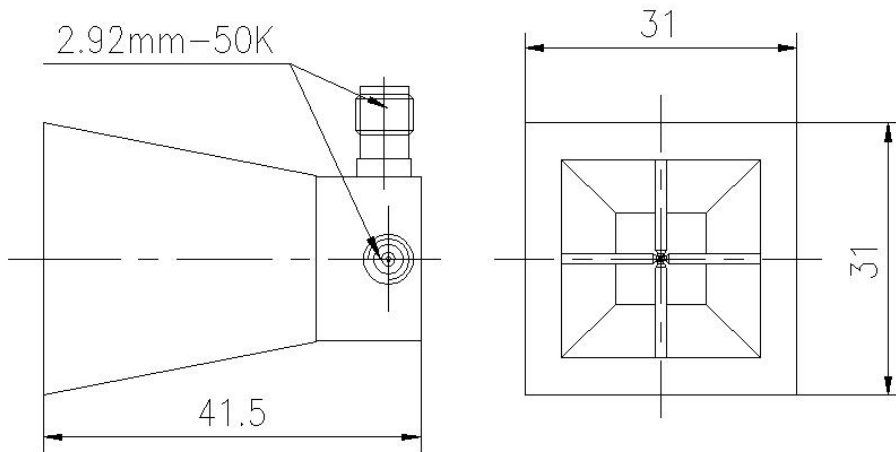


Model:SL-DLPHN-1840-15-K 【18-40GHz Dual linear polarized antenna】

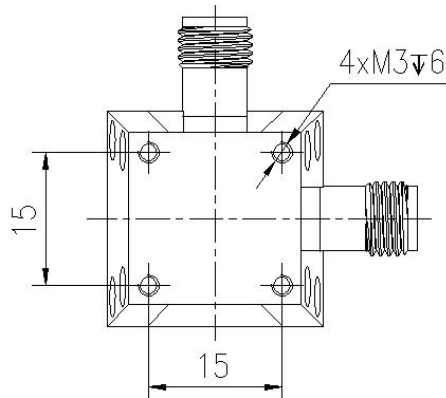


Technical Index	
Frequency(GHz)	18-40
VSWR	2.0(Typ)
Gain(dB)	15 (Typ)
polarization	Dual linear
Power(W)	10(Max)
Connector	2.92mm-50K or 2.4mm-50K
Size(mm)	41.5*31*31
Weight(Kg)	About 0.2

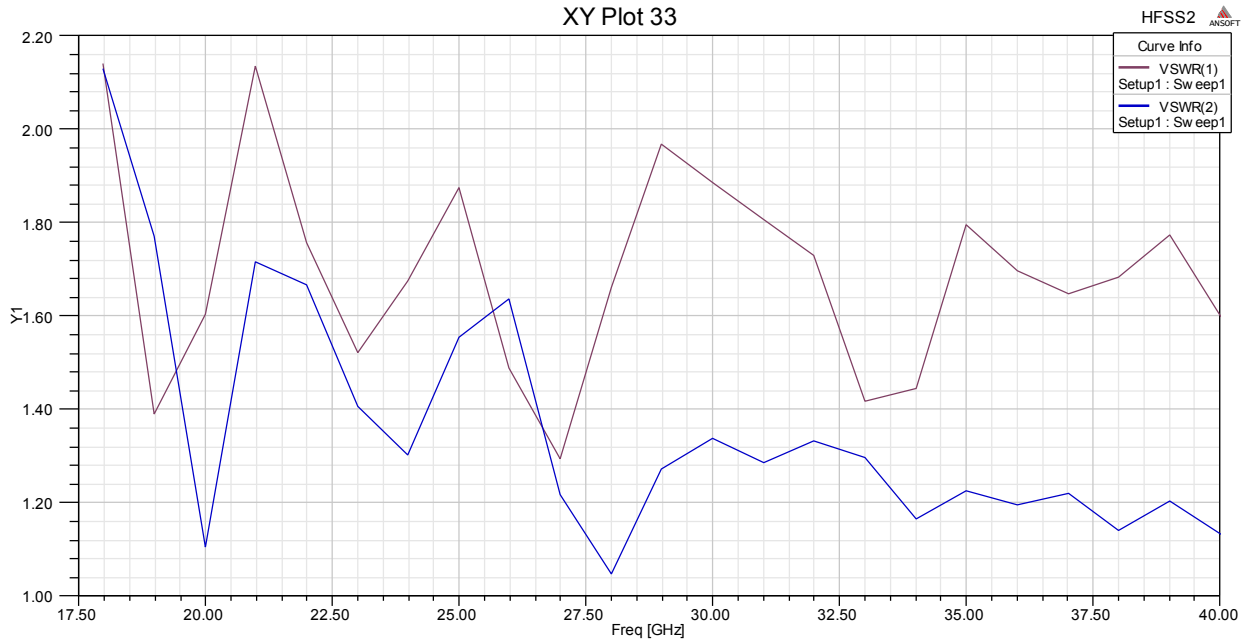
Outline drawing(mm)



Installation Size(mm)

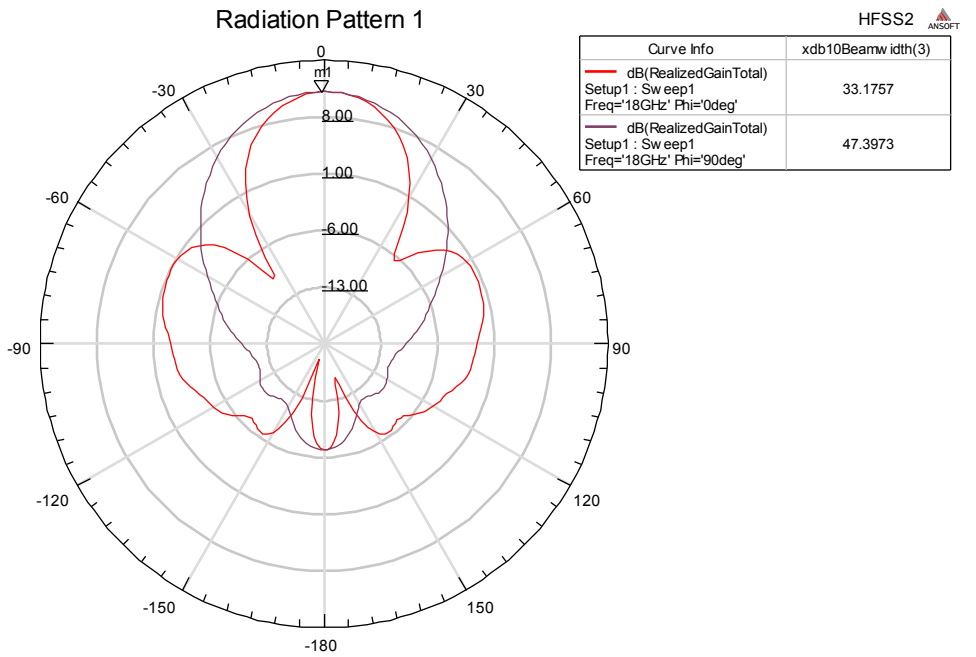


VSWR



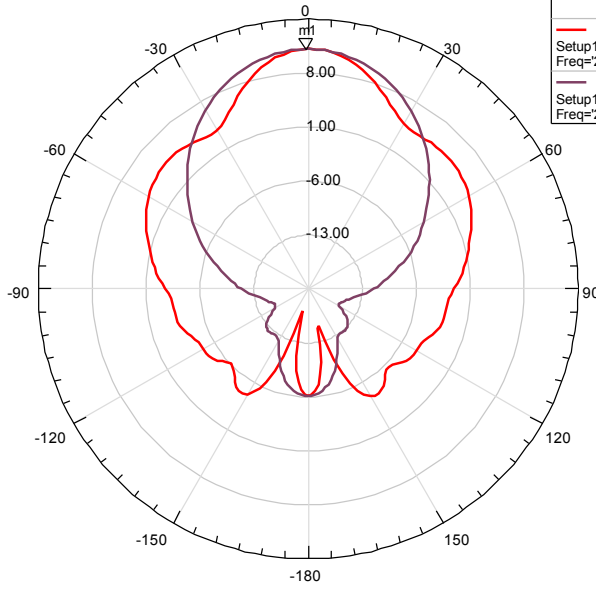
Gain Pattern

Name	Theta	Ang	Mag
m1	0.0000	0.0000	11.1166



Name	Theta	Ang	Mag
m1	0.0000	0.0000	11.1325

Radiation Pattern 1

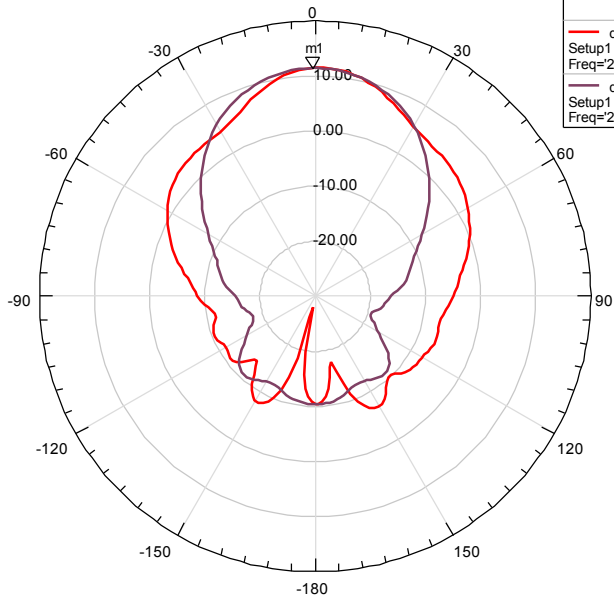


Curve Info	xdb10Beamw idth(3)
dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=20GHz' Phi=0deg'	33.7924
dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=20GHz' Phi=90deg'	48.6559

HFSS2 ANSOFT

Name	Theta	Ang	Mag
m1	0.0000	0.0000	11.4827

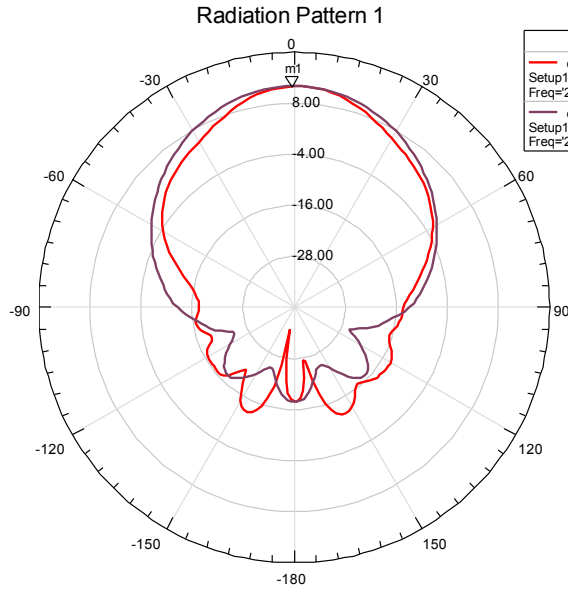
Radiation Pattern 1



Curve Info	xdb10Beamw idth(3)
dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=22GHz' Phi=0deg'	34.5472
dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=22GHz' Phi=90deg'	43.4507

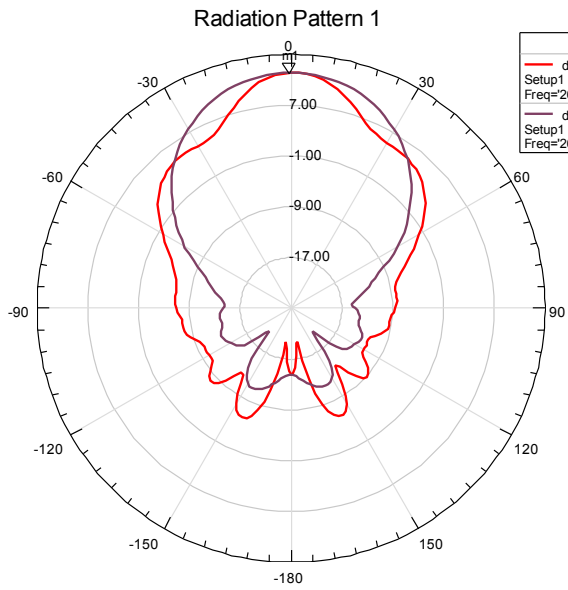
HFSS2 ANSOFT

Name	Theta	Ang	Mag
m1	0.0000	0.0000	12.0595



Curve Info		HFSS2
— dB(RealizedGainTotal)	Setup1 : Sw eep1	xdb10Beamwidth(3)
— dB(RealizedGainTotal)	Setup1 : Sw eep1	
— dB(RealizedGainTotal)	Setup1 : Sw eep1	35.5101
— dB(RealizedGainTotal)	Setup1 : Sw eep1	49.6610

Name	Theta	Ang	Mag
m1	0.0000	0.0000	12.1505

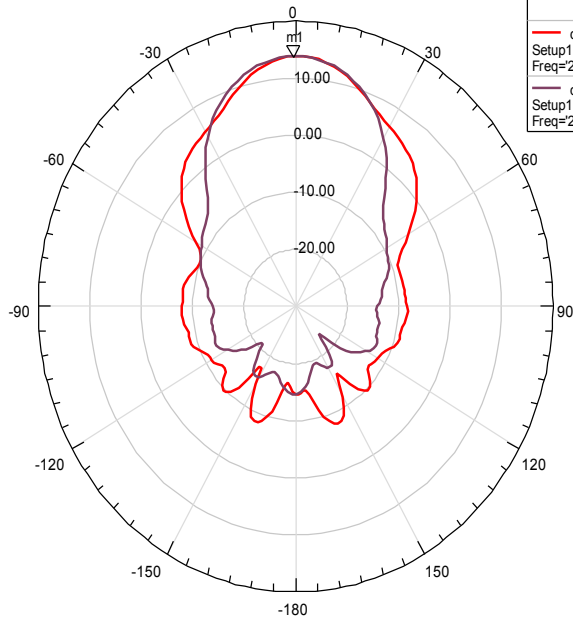


Curve Info		HFSS2
— dB(RealizedGainTotal)	Setup1 : Sw eep1	xdb10Beamwidth(3)
— dB(RealizedGainTotal)	Setup1 : Sw eep1	
— dB(RealizedGainTotal)	Setup1 : Sw eep1	28.1155
— dB(RealizedGainTotal)	Setup1 : Sw eep1	48.3440

Name	Theta	Ang	Mag
m1	0.0000	0.0000	13.9051

Radiation Pattern 1

HFSS2 ANSOFT

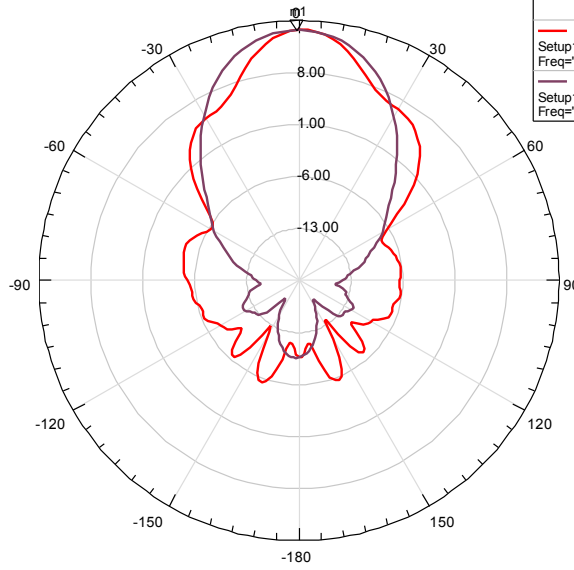


Curve Info	xdb10Beamwidth(3)
— dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=28GHz' Phi=0deg'	29.2759
— dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=28GHz' Phi=90deg'	33.2873

Name	Theta	Ang	Mag
m1	0.0000	0.0000	13.7304

Radiation Pattern 1

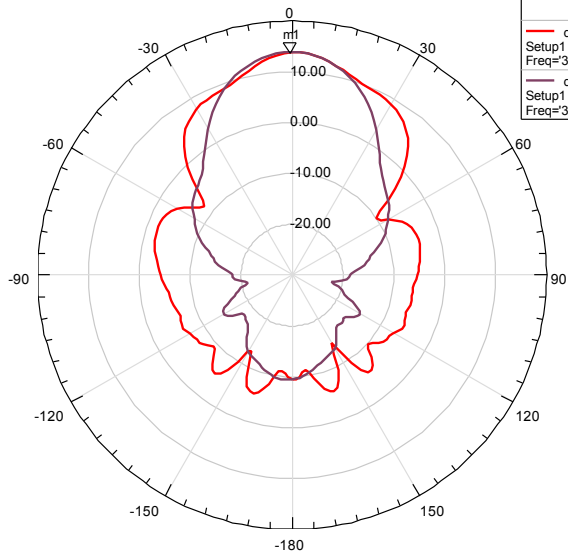
HFSS2 ANSOFT



Curve Info	xdb10Beamwidth(3)
— dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=30GHz' Phi=0deg'	25.5785
— dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=30GHz' Phi=90deg'	35.7672

Name	Theta	Ang	Mag
m1	0.0000	0.0000	13.8534

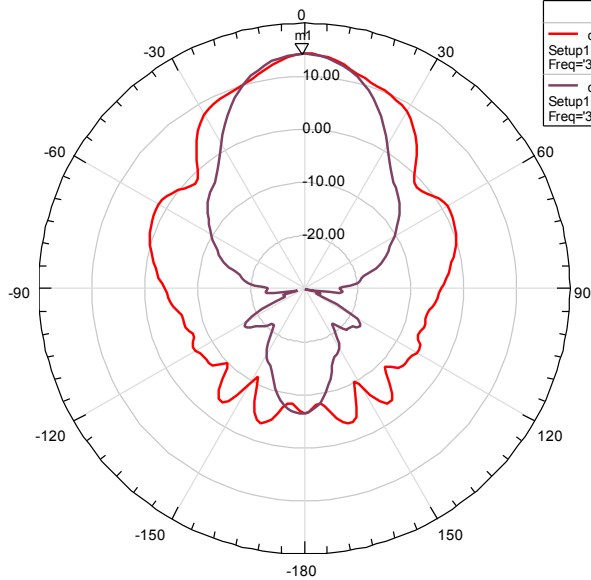
Radiation Pattern 1



Curve Info		HFSS2 ANSOFT
—	dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=32GHz' Phi=0deg'	xdb10Beamwidth(3) 29.0519
—	dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=32GHz' Phi=90deg'	31.1832

Name	Theta	Ang	Mag
m1	0.0000	0.0000	14.2398

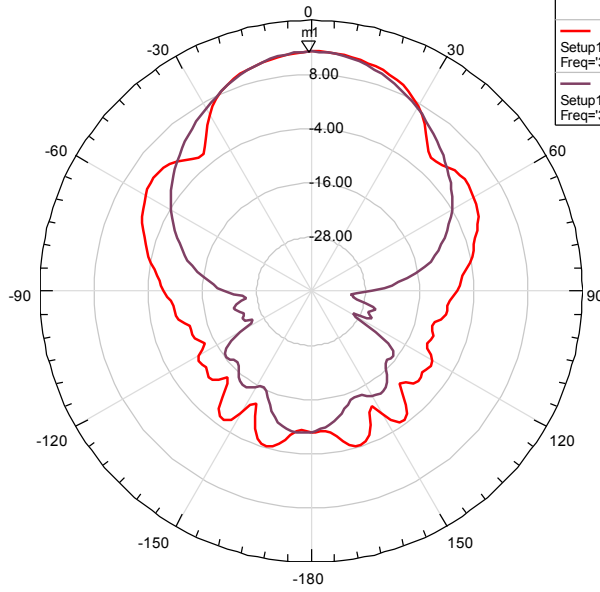
Radiation Pattern 1



Curve Info		HFSS2 ANSOFT
—	dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=34GHz' Phi=0deg'	xdb10Beamwidth(3) 28.2177
—	dB(RealizedGainTotal) Setup1 : Sw eep1 Freq=34GHz' Phi=90deg'	27.9308

Name	Theta	Ang	Mag
m1	0.0000	0.0000	13.0988

Radiation Pattern 1

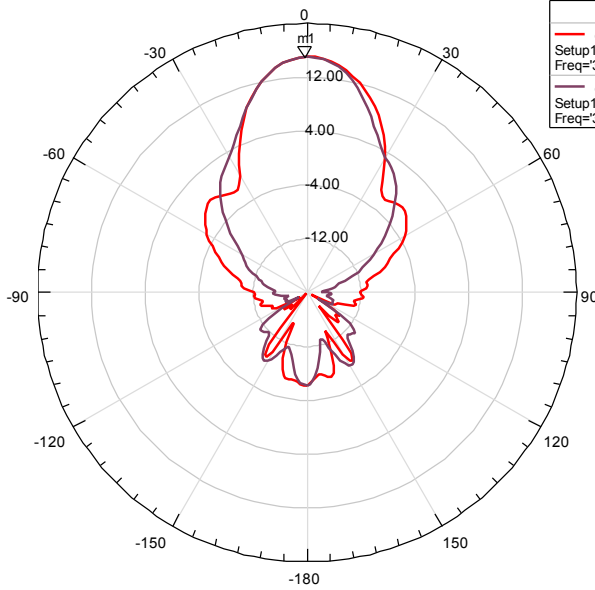


HFSS2 ANSOFT

Curve Info	xdb10Beamw idth(3)
dB(RealizedGainTotal) Setup1 : Sw eep1 Freq='36GHz' Phi='0deg'	43.1867
dB(RealizedGainTotal) Setup1 : Sw eep1 Freq='36GHz' Phi='90deg'	39.0683

Name	Theta	Ang	Mag
m1	0.0000	0.0000	15.0549

Radiation Pattern 1

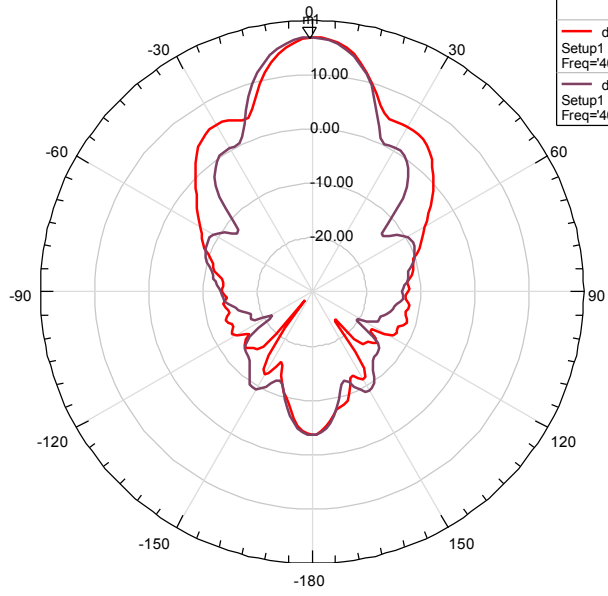


HFSS2 ANSOFT

Curve Info	xdb10Beamw idth(3)
dB(RealizedGainTotal) Setup1 : Sw eep1 Freq='38GHz' Phi='0deg'	26.5551
dB(RealizedGainTotal) Setup1 : Sw eep1 Freq='38GHz' Phi='90deg'	24.6757

Name	Theta	Ang	Mag
m1	0.0000	0.0000	16.8793

Radiation Pattern 1



HFSS2 ANSOFT

Curve Info	xdb10Beamwidth(3)
dB(RealizedGainTotal) Setup1 : Sweep1 Freq=40GHz' Phi=0deg'	19.5726
dB(RealizedGainTotal) Setup1 : Sweep1 Freq=40GHz' Phi=90deg'	20.9835