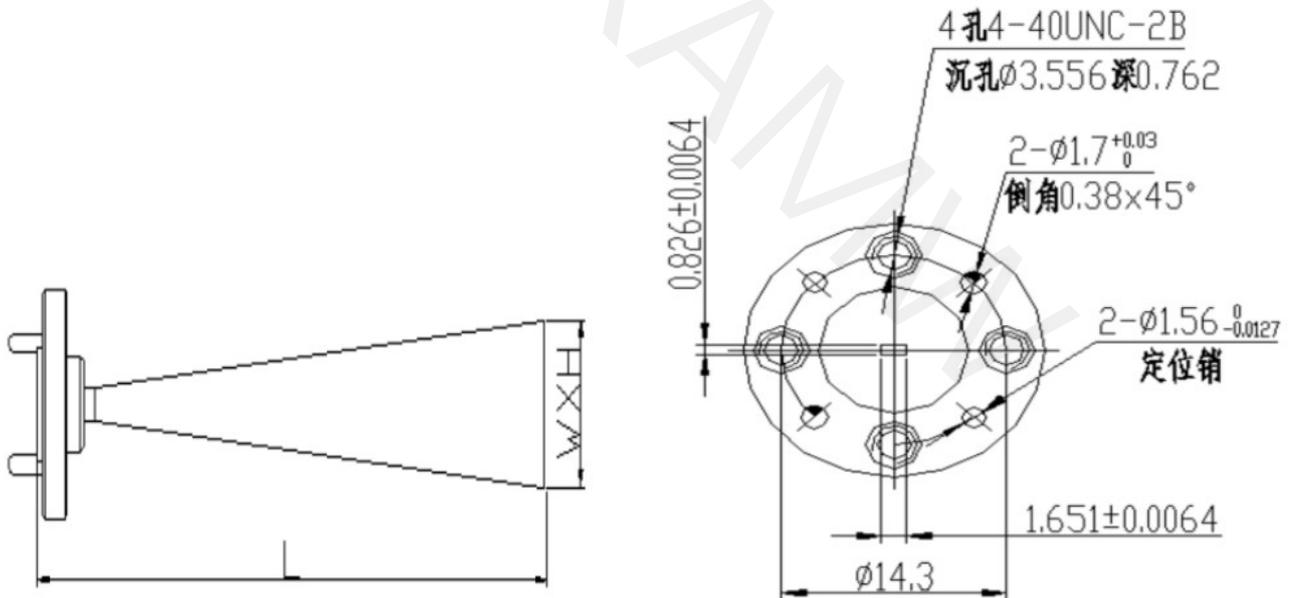


P/N: AMT-SGH6-25A

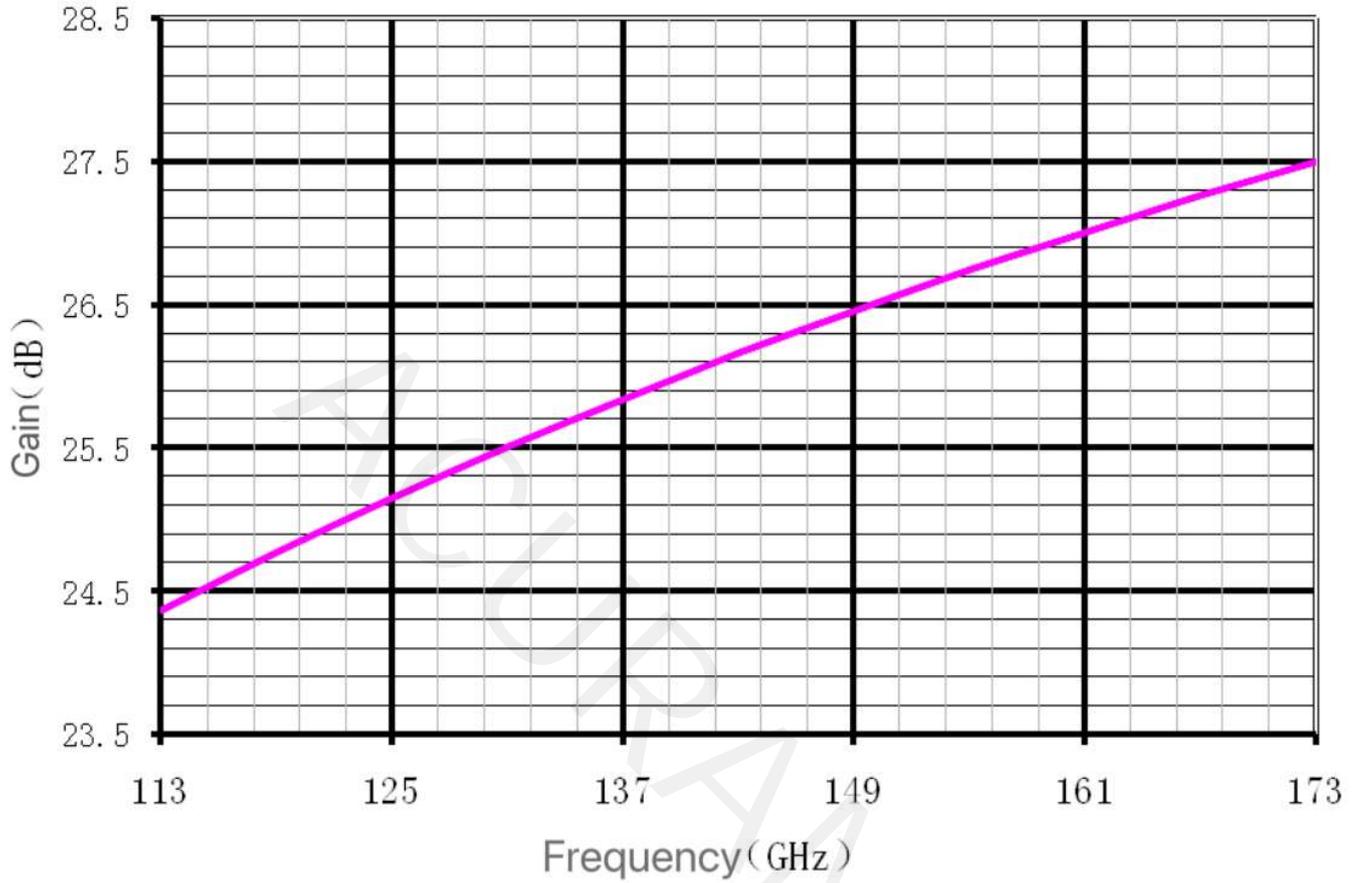
Technique Specifications

	Frequency Range	110-173GHz
	Gain	25 dBi Typ.
	Polarization	Linear
	VSWR	1.15 Typ.
	Flange	WR6 WG UG-387/U-M
	Size	Ø19.1 x 41mm approx.
	Material	Cu
	Finish	Gold Plated

Outline(mm)

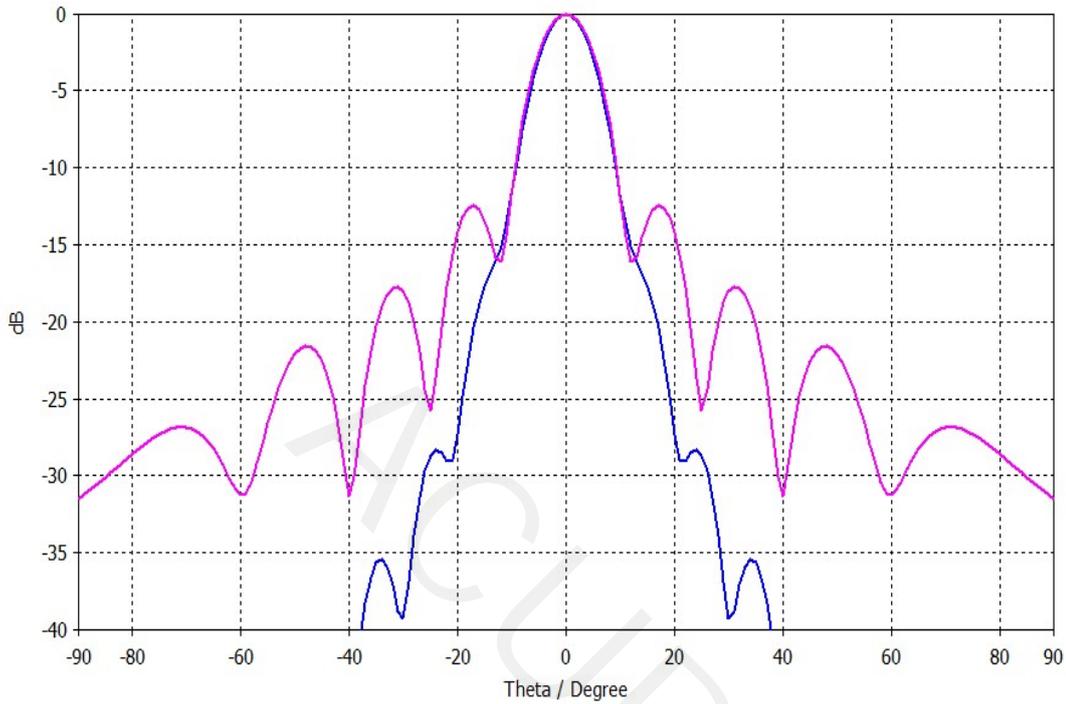


Gain



Frequency(GHz)	Gain(dBi)	Frequency(GHz)	Gain(dBi)
113	24.36	149	26.45
119	24.77	155	26.74
125	25.15	161	27.00
131	25.50	164	27.13
137	25.84	167	27.26
143	26.16	173	27.50

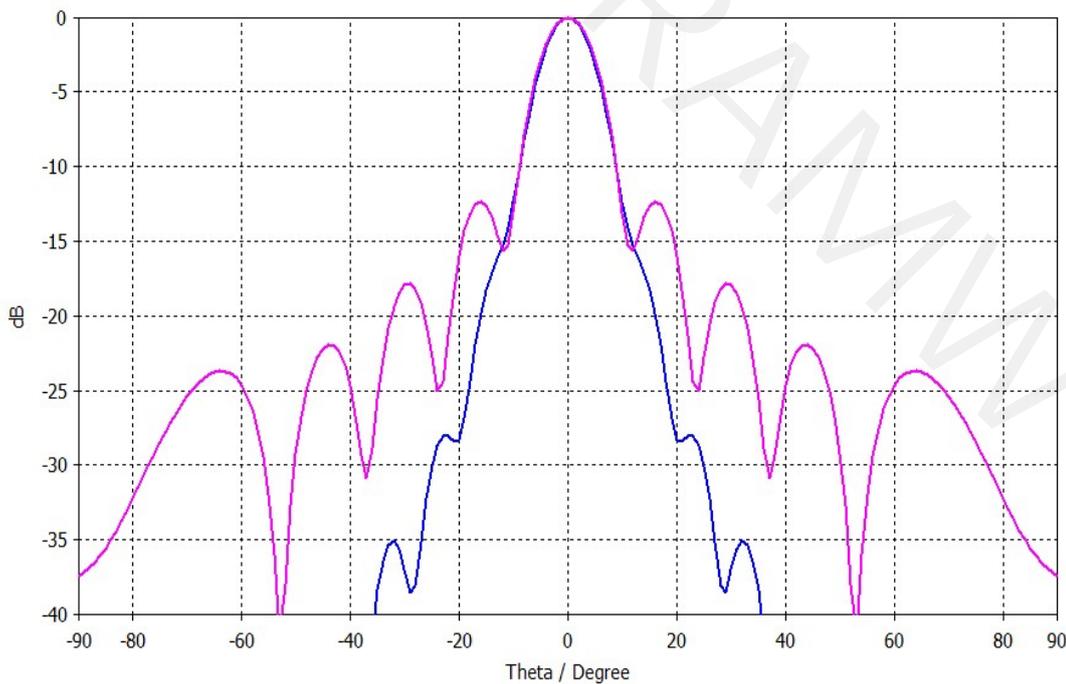
Pattern



Frequency: 113GHz

E-Pattern: $2\theta_{-0.5}=10.8^\circ$

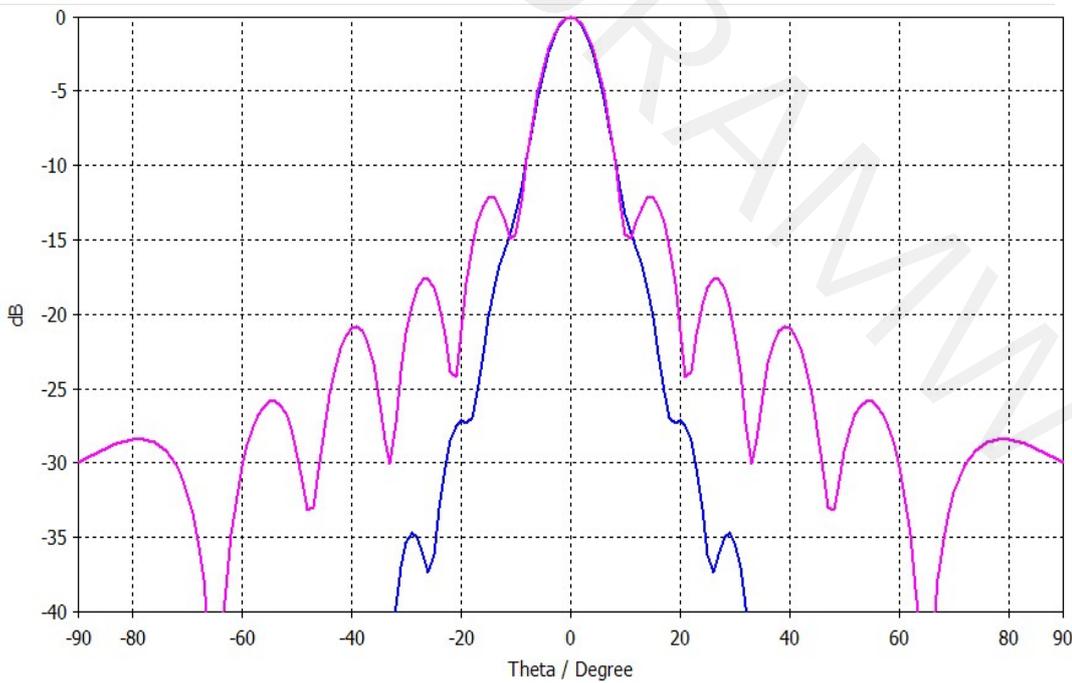
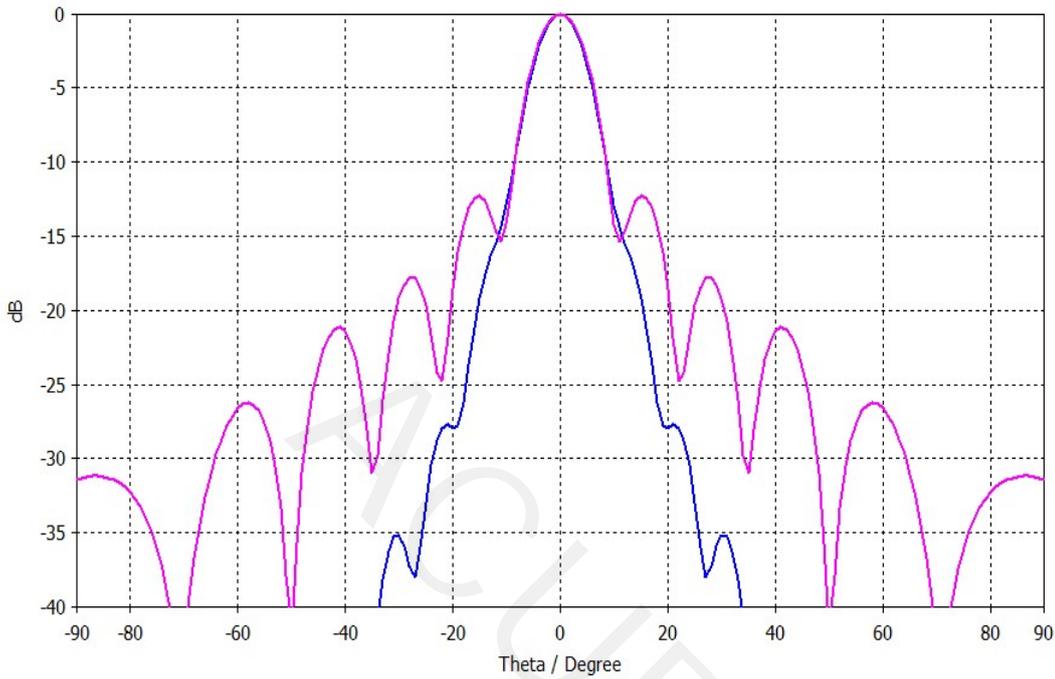
H-Pattern: $2\theta_{-0.5}=10.1^\circ$

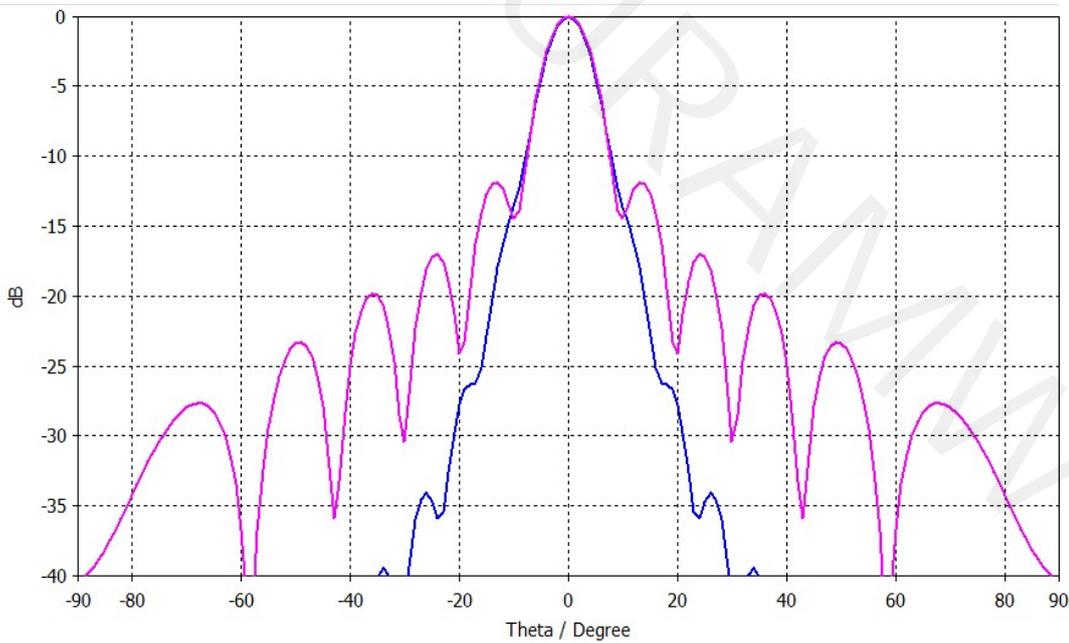
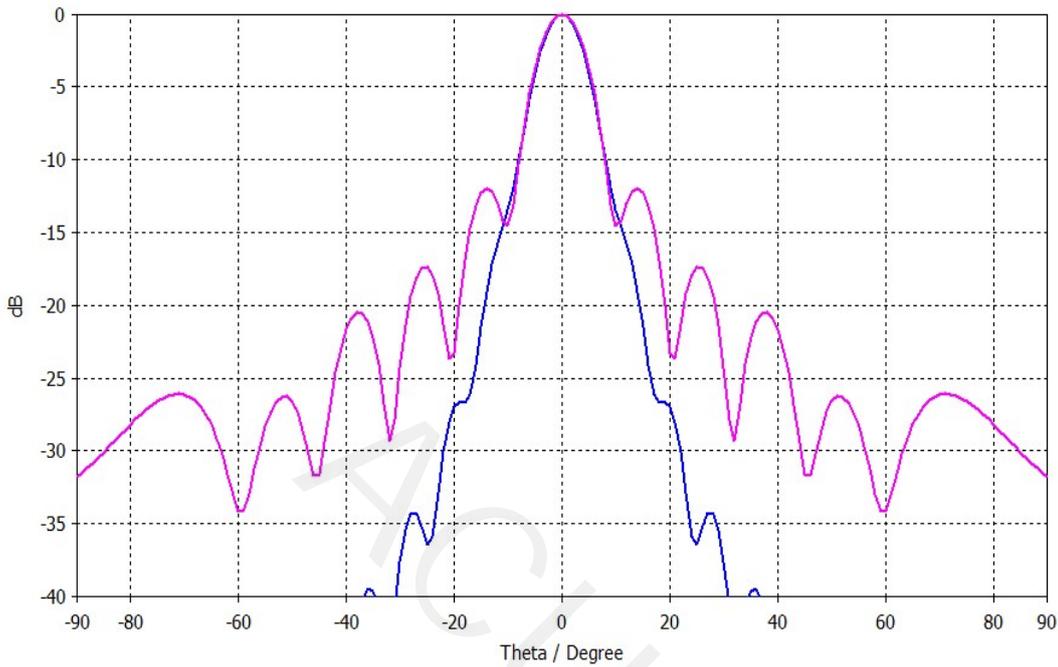


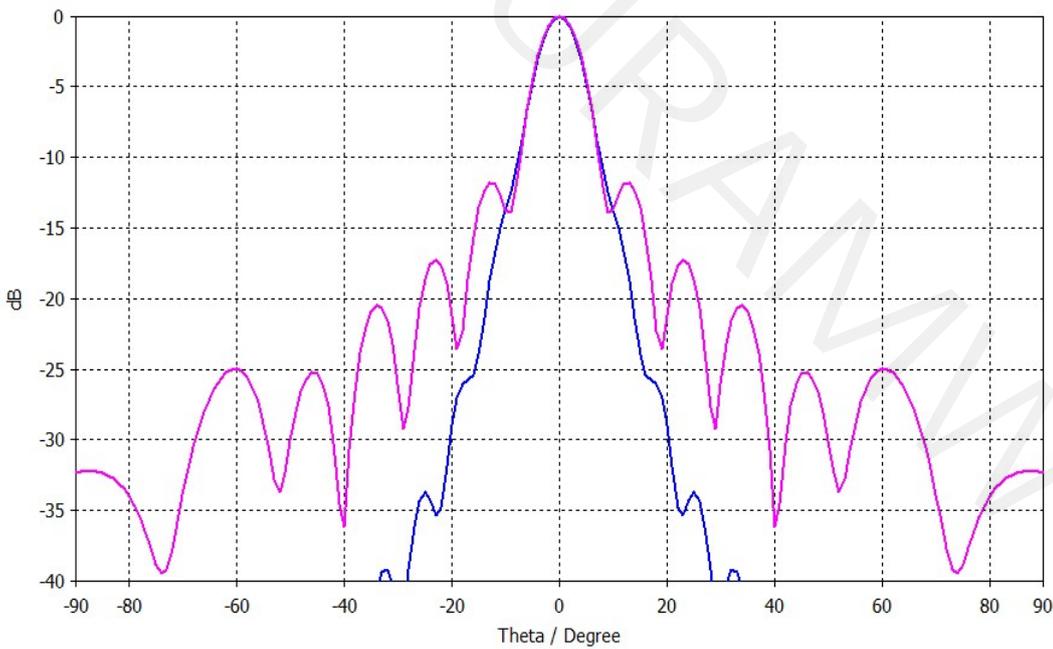
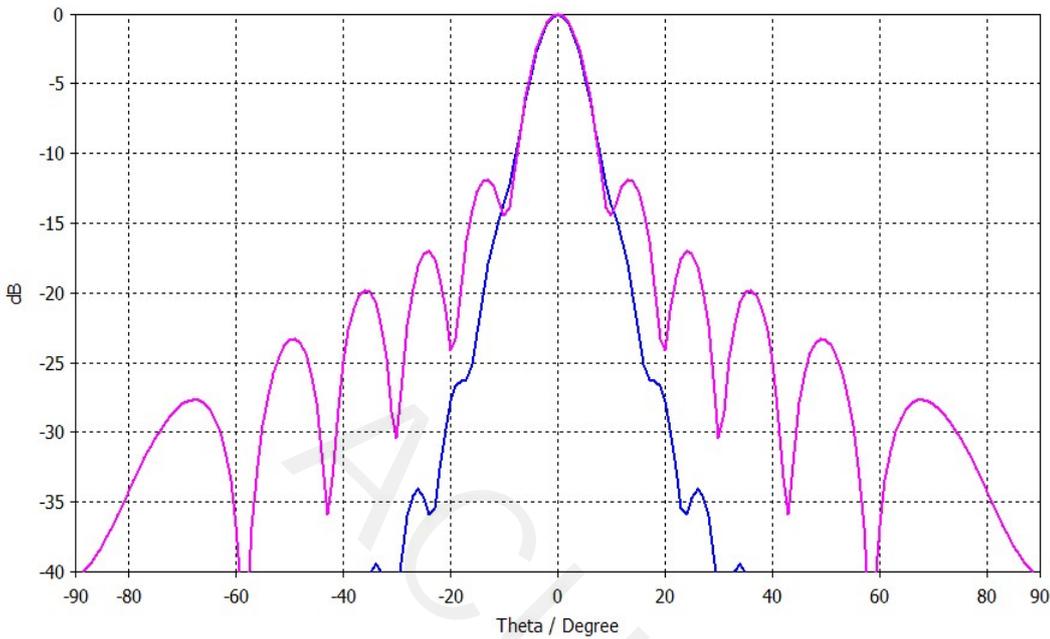
Frequency: 119GHz

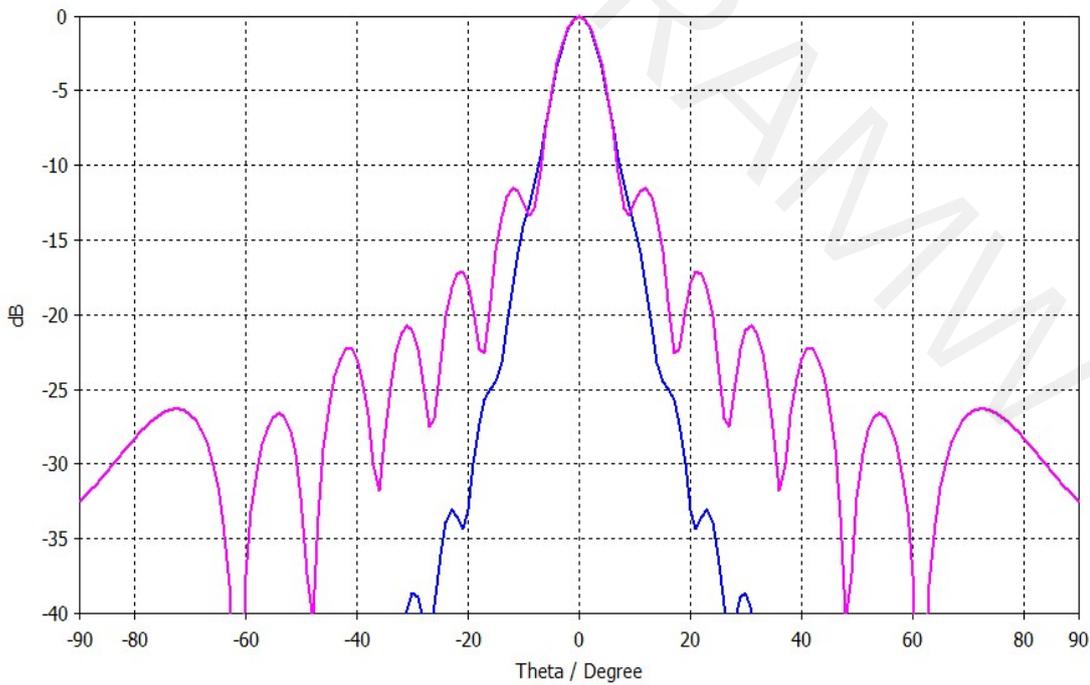
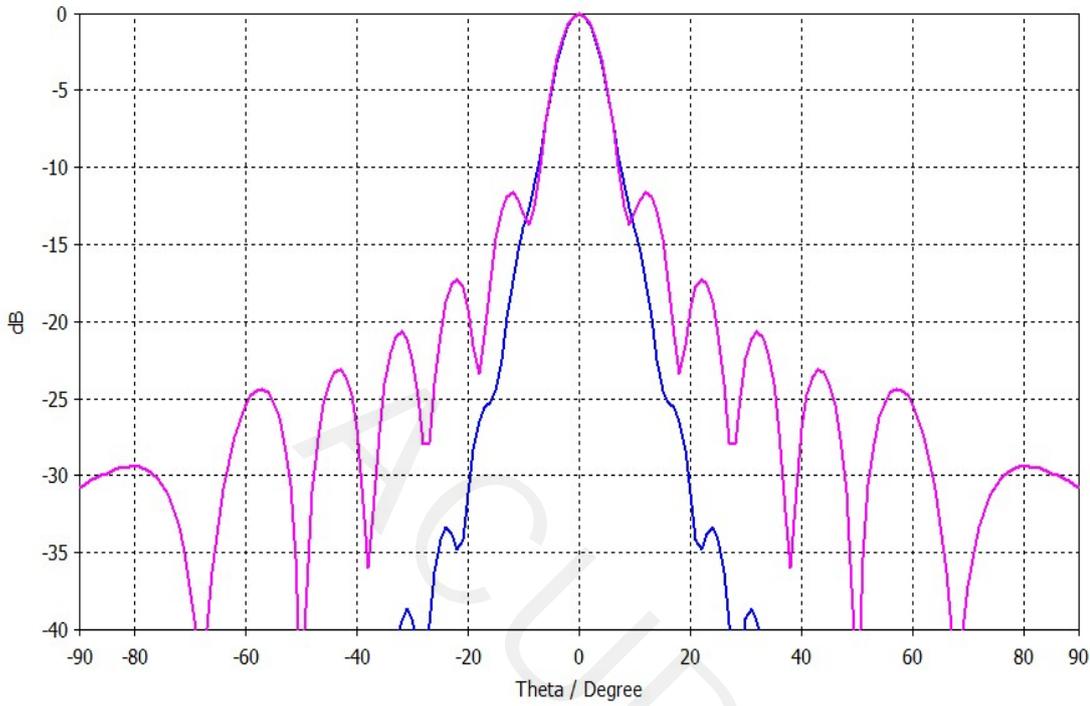
E-Pattern: $2\theta_{-0.5}=10.3^\circ$

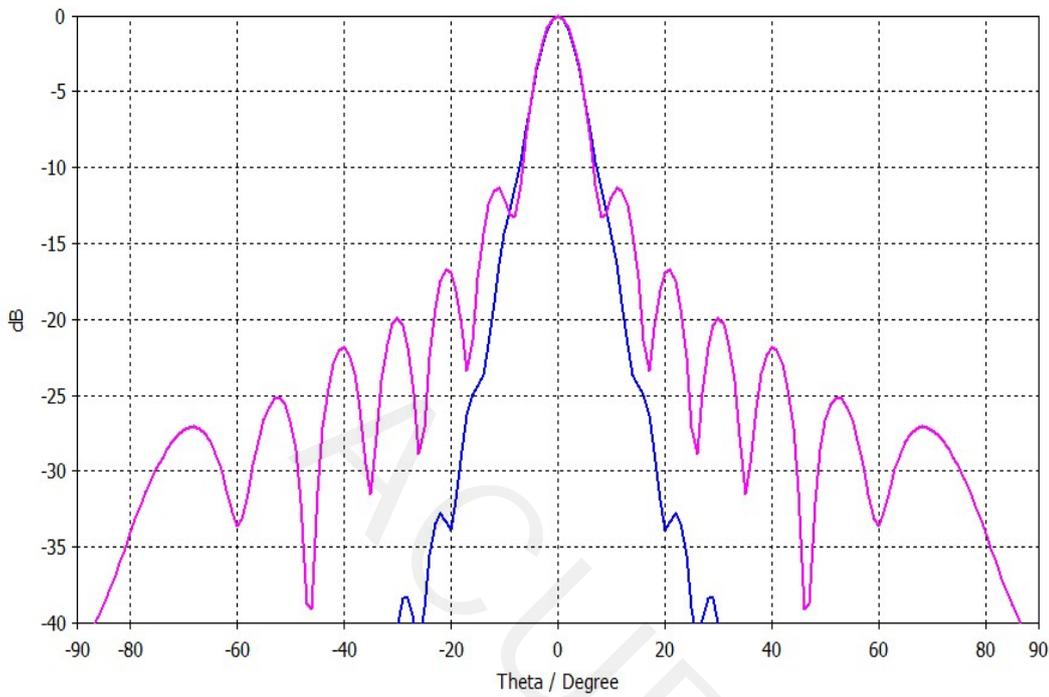
H-Pattern: $2\theta_{-0.5}=9.7^\circ$











Frequency: 173GHz

E-Pattern: $2\theta_{-0.5} = 7.2^\circ$

H-Pattern: $2\theta_{-0.5} = 7.0^\circ$