


P/N: AMT-CP7090-D02

Technique Specification

	Frequency Range(GHz)	7.0-9.0
	Gain(dBi)	15 Typ
	Polarization	Dual Circular
	Impedance (Ω)	50
	Connector	SMA-Female
	VSWR	2.0 Max.
	Material	Al

Test Result

Gain

Frequency (GHz)	Beamwidth (deg.)	Gain (dBi)	Antenna Factor (dB)
7.0	48	13.535	0.37
7.25	47.5	14.906	0.1
7.5	47	14.537	0.13
7.75	44	15.695	0.06
8.0	42	15.715	0.17
8.1	42.5	15.579	0.23
8.2	41.5	15.022	0.26
8.3	41	15.12	0.15
8.4	41	15.05	0.29
8.65	42	15.62	0.4
8.9	40	16.154	0.88
9.0	39.5	15.984	1.0
9.65	38.5	17.324	2.36

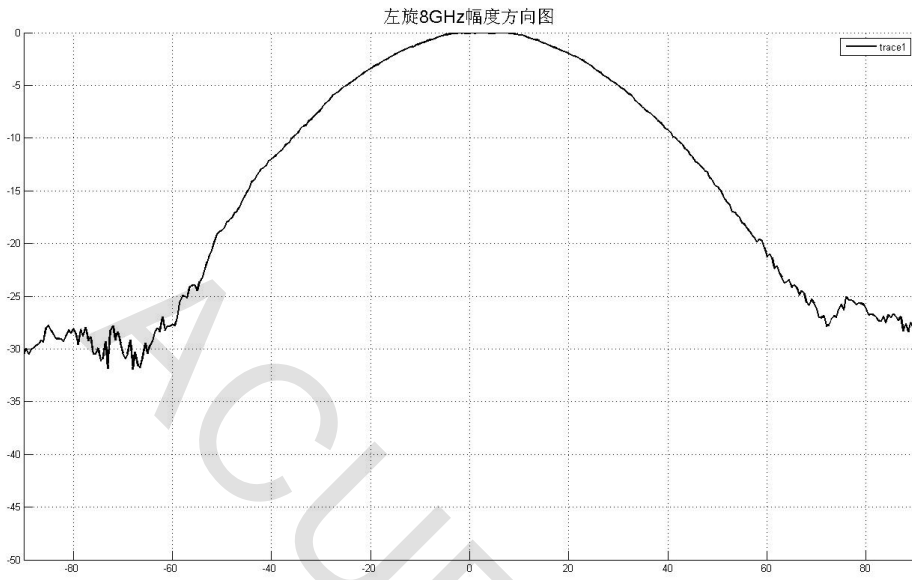


Frequency (GHz)	Beamwidth (deg.)	Gain (dBi)	Antenna Factor (dB)
7.0	47	13.352	0.29
7.25	48	14.567	0.07
7.5	46	14.235	0.46
7.75	43	15.513	0.26
8.0	42.5	15.345	0.19
8.1	41.5	15.309	0.1
8.2	41	14.729	0.48
8.3	41.5	14.723	0.27
8.4	41	14.629	0.02
8.65	41.5	15.46	0.28
8.9	40	15.804	0.96
9.0	39	15.668	0.9
9.65	39	16.869	2.24

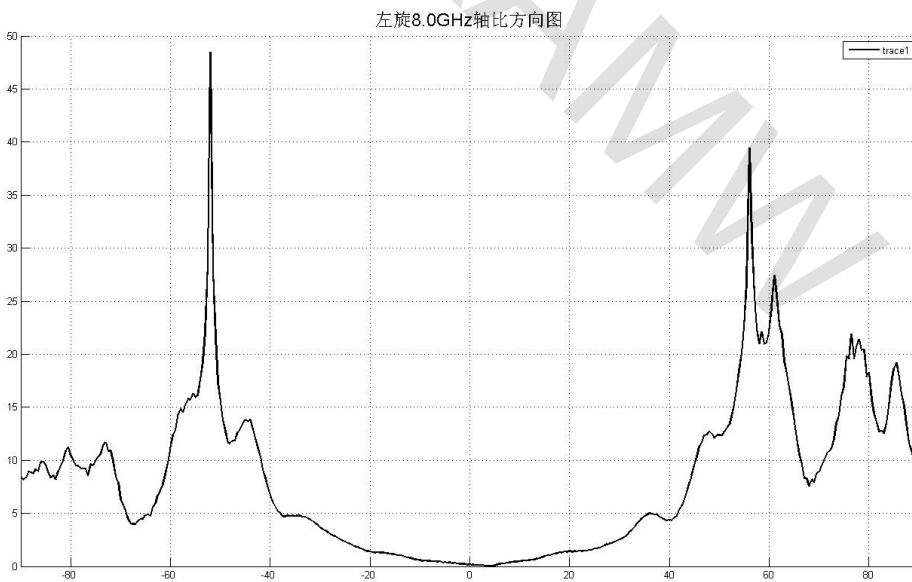


LHCP

8.0 GHz
Pattern



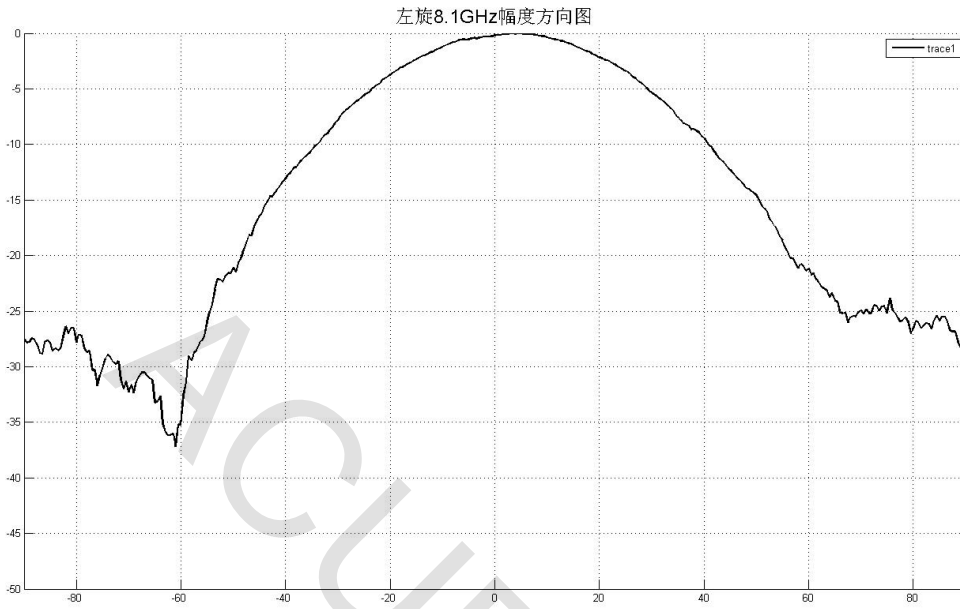
Axial Ratio



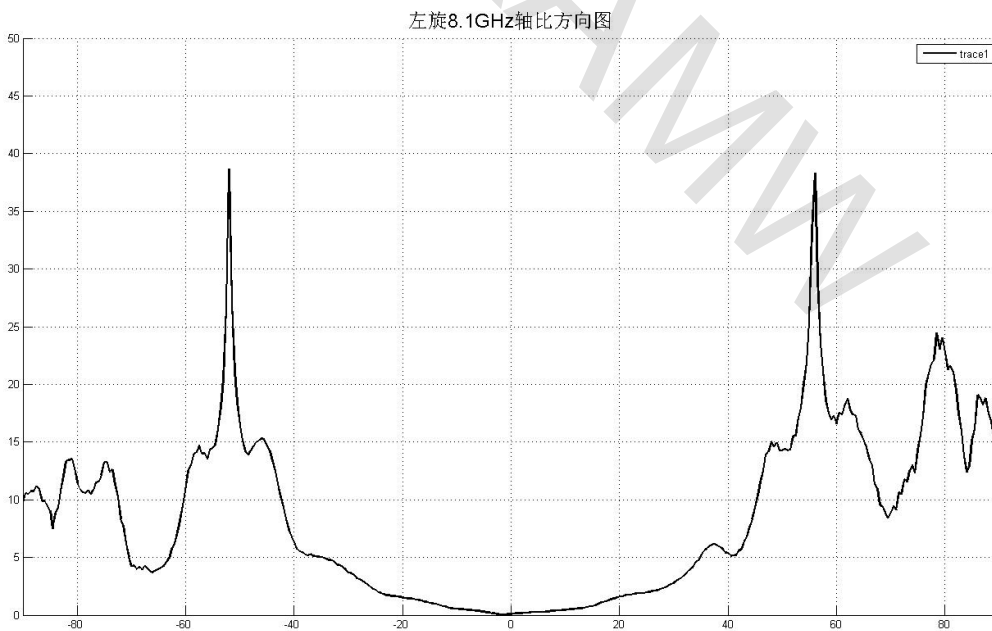


8.1 GHz

Pattern



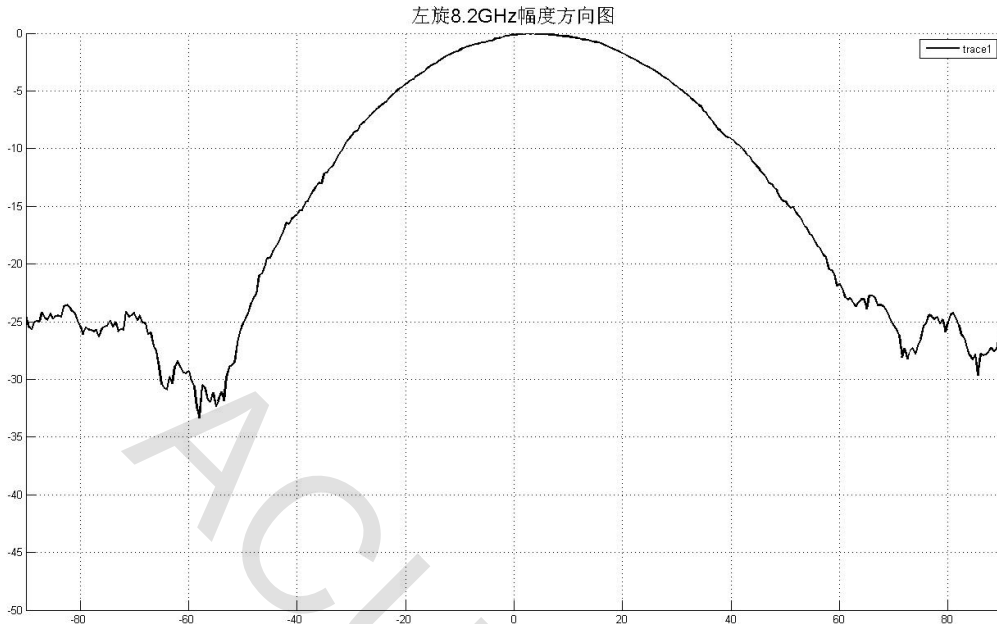
Axial Ratio



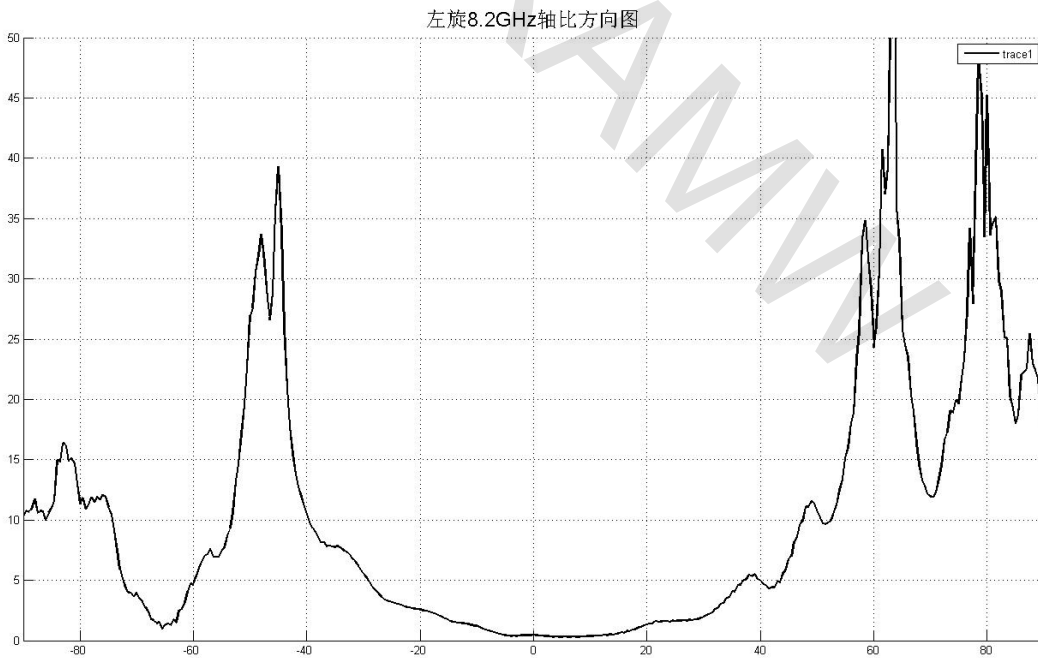


8.2 GHz

Pattern



Axial Ratio



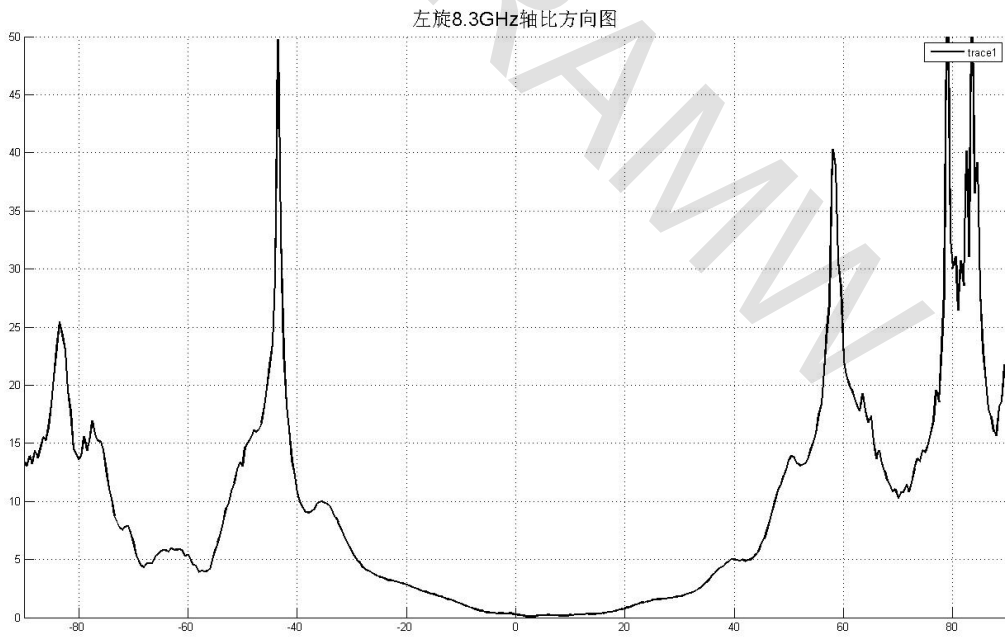


8.3 GHz

Pattern



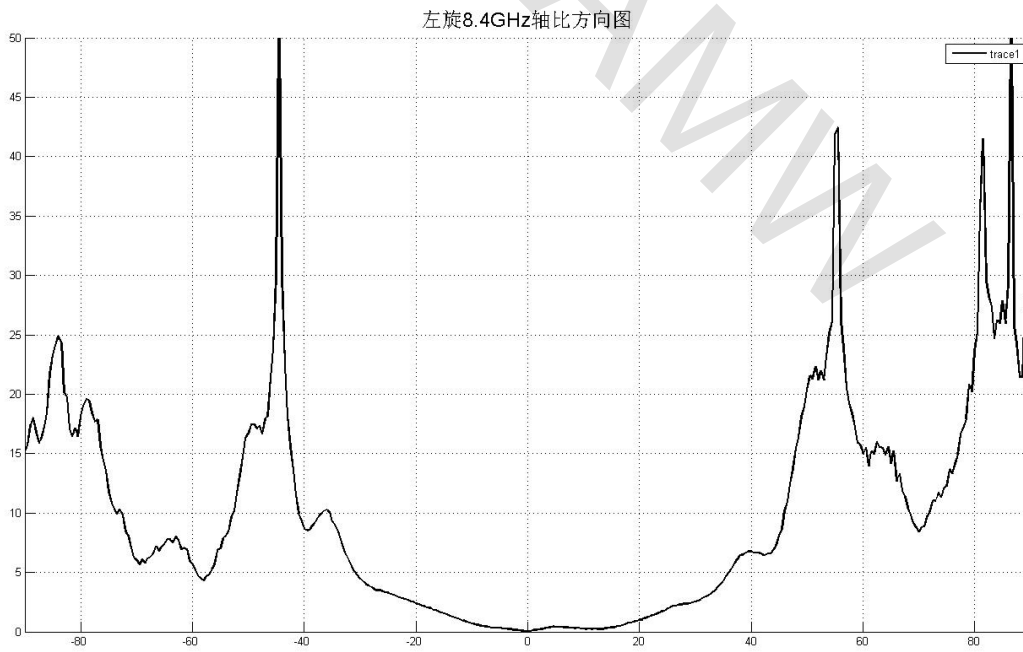
Axial Ratio



8.4 GHz
Pattern



Axial Ratio

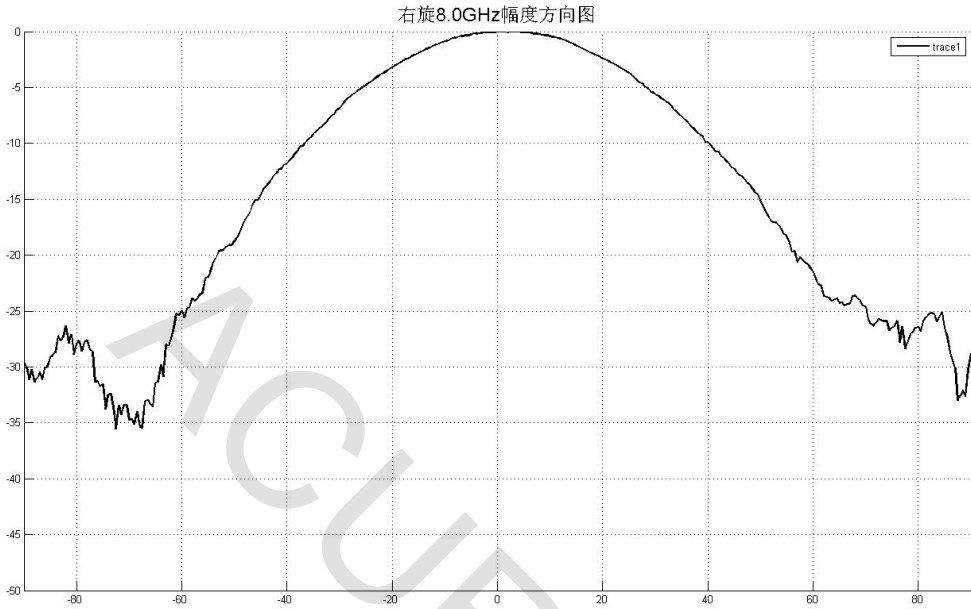




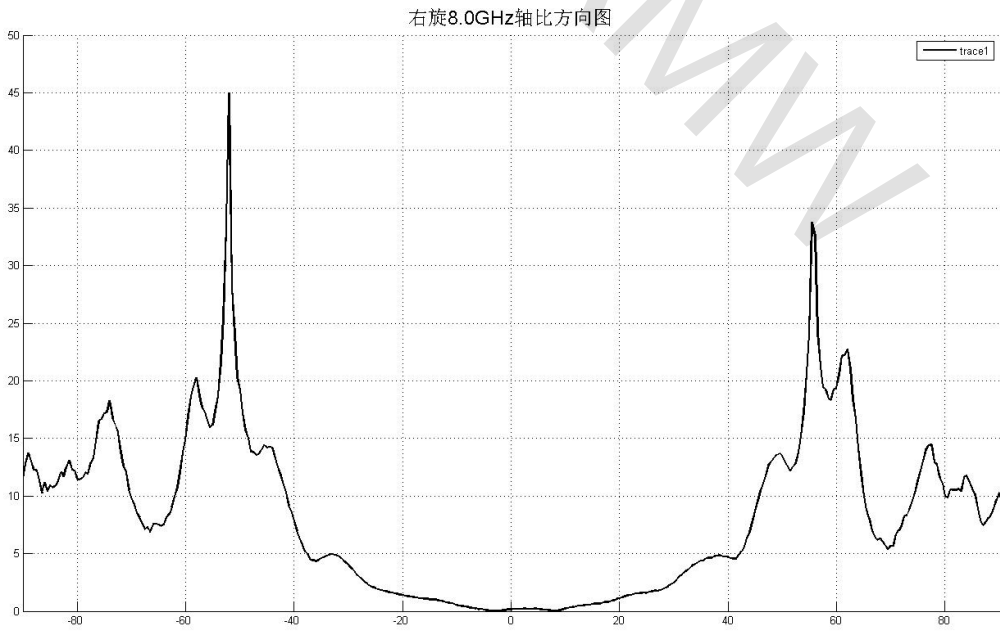
RHCP

8.0GHz

Pattern

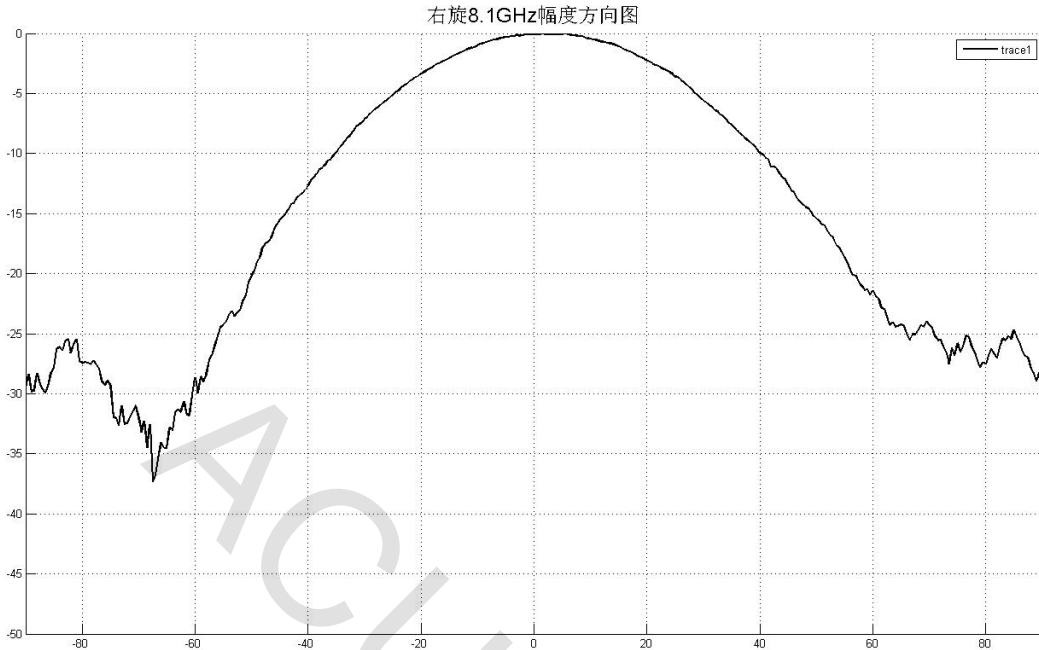


Axial Ratio

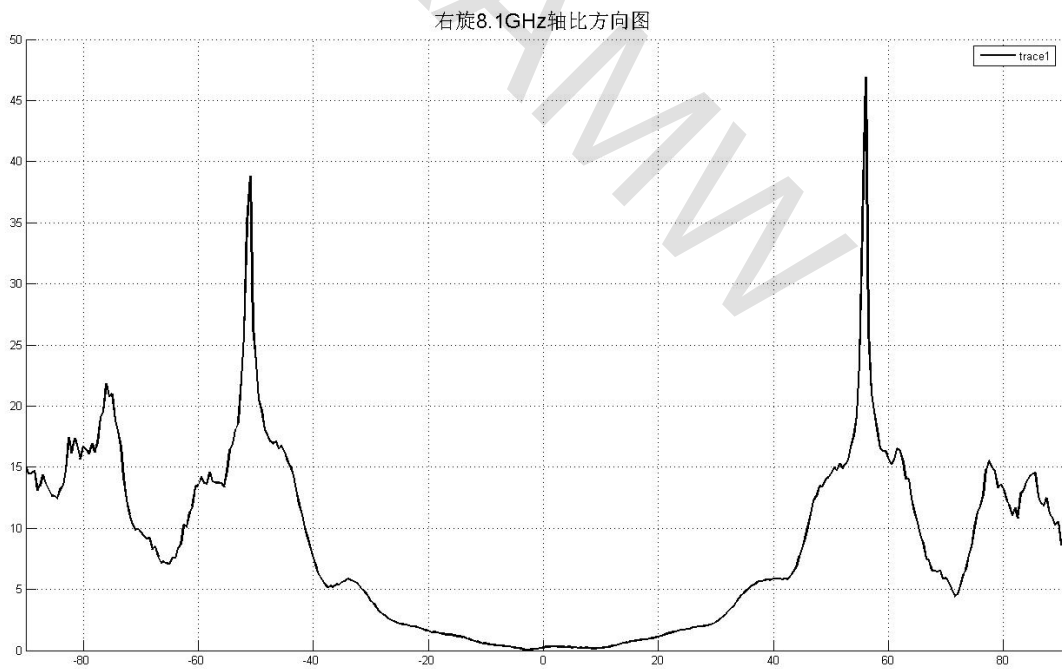




Pattern



Axial Ratio

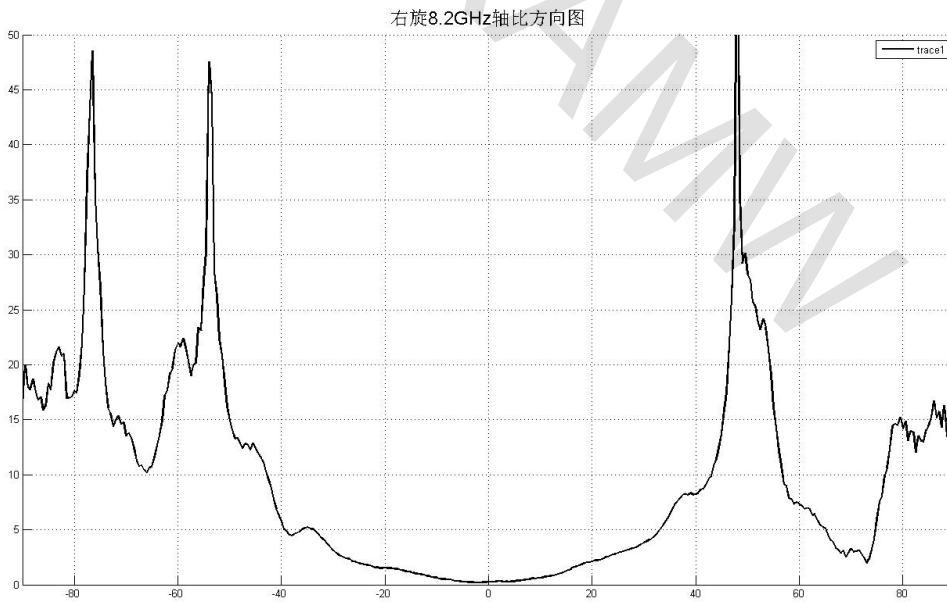




8.2GHz Pattern



Axial Ratio



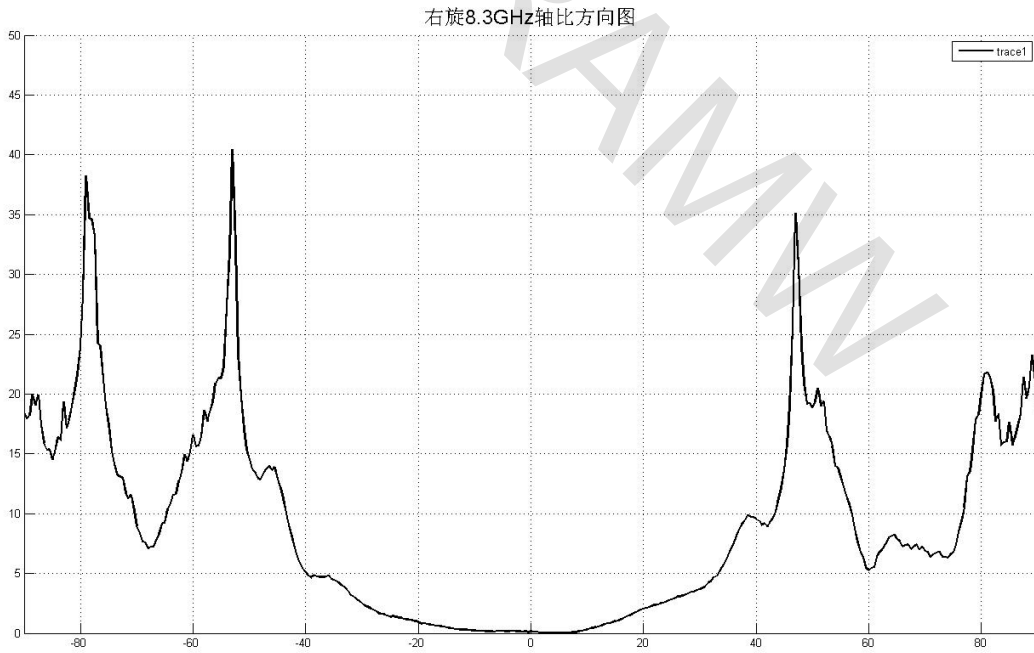


8.3GHz

Pattern



Axial Ratio





8.4GHz Pattern



Axial Ratio

