

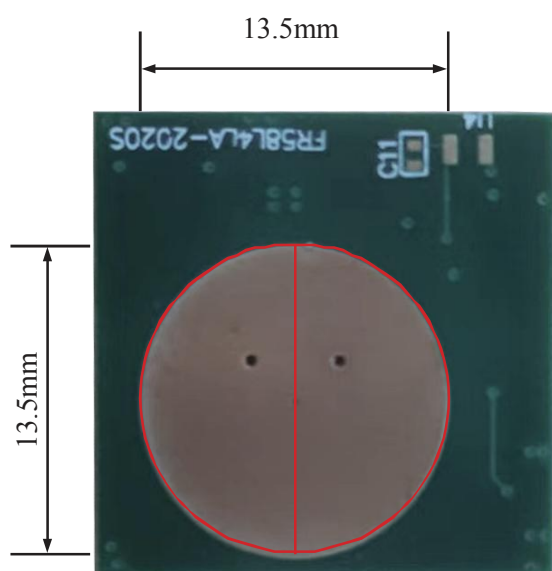
Antenna Specifications

Design Specifications	Typical
Antenna Type*	Patch
Working Frequency	5.68GHz~5.93 GHz
Isolation	>30 dB
Antenna Gain	≥ 3 dBi
Antenna Efficiency	≥ 30%
VSWR	≤ 2
Impedance	50 ohm
Overall Dimensions*	13.5 mm * 13.5 mm
Manufacturer	Ferry Intelligent

Frequency (GHz)	PeakGain (dBi)	Frequency (GHz)	PeakGain (dBi)
5.795	3.9	5.812	3.9
Frequency (GHz)	PeakGain (dBi)	Frequency (GHz)	PeakGain (dBi)
5.831	3.9	5.848	3.9

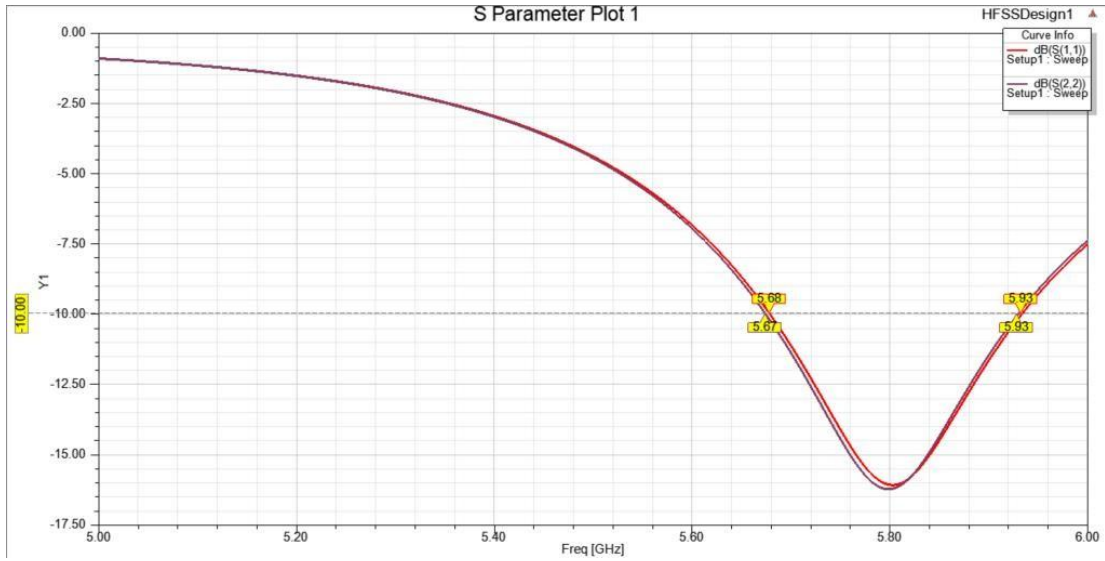
Frequency (GHz)	PeakGain (dBi)	Frequency (GHz)	PeakGain (dBi)
5.826	3.9	5.844	3.9
Frequency (GHz)	PeakGain (dBi)		
5.858	3.9		

Schematic

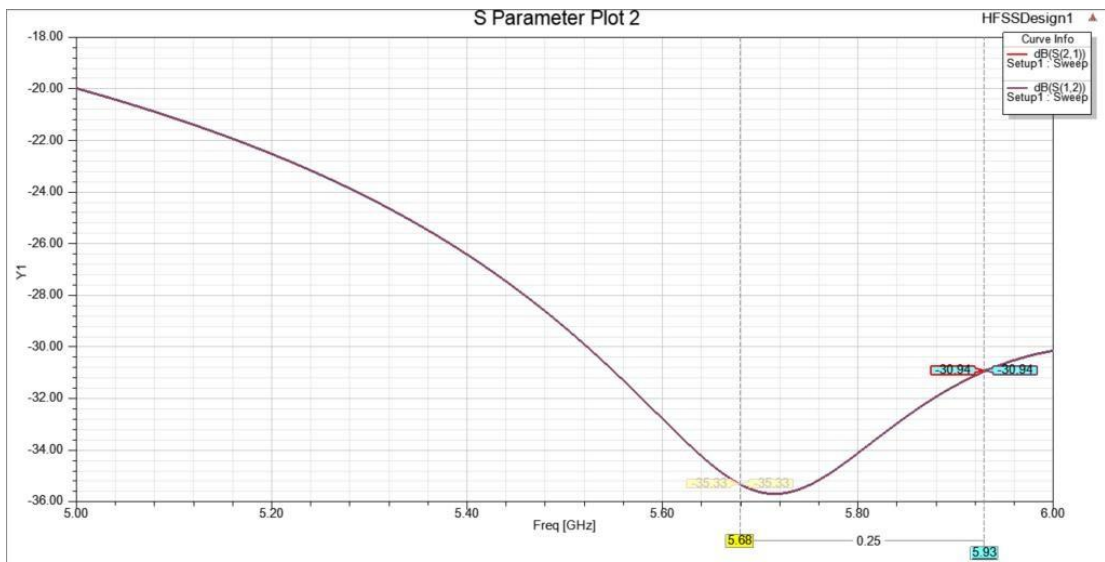


图一

● S Parameters

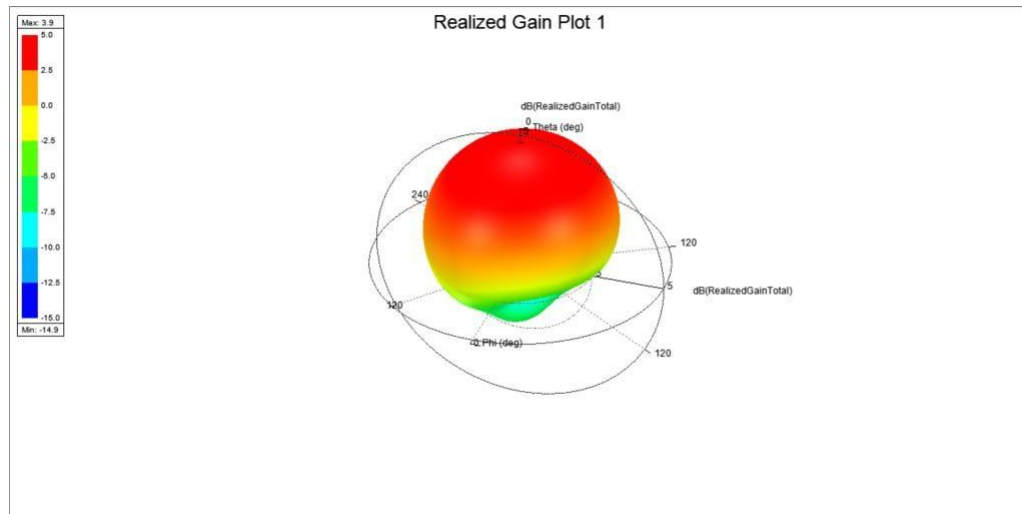


图二 回波损耗

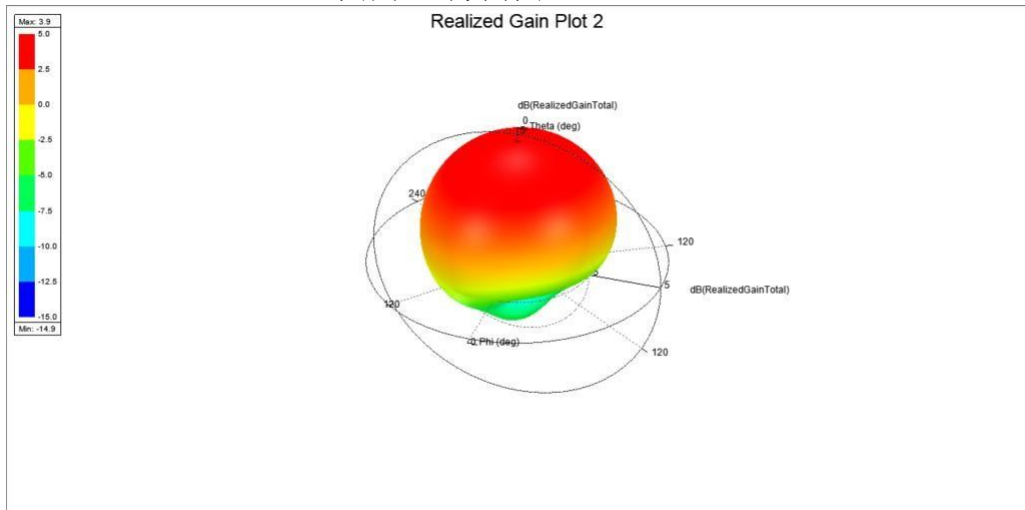


图三 端口隔离度

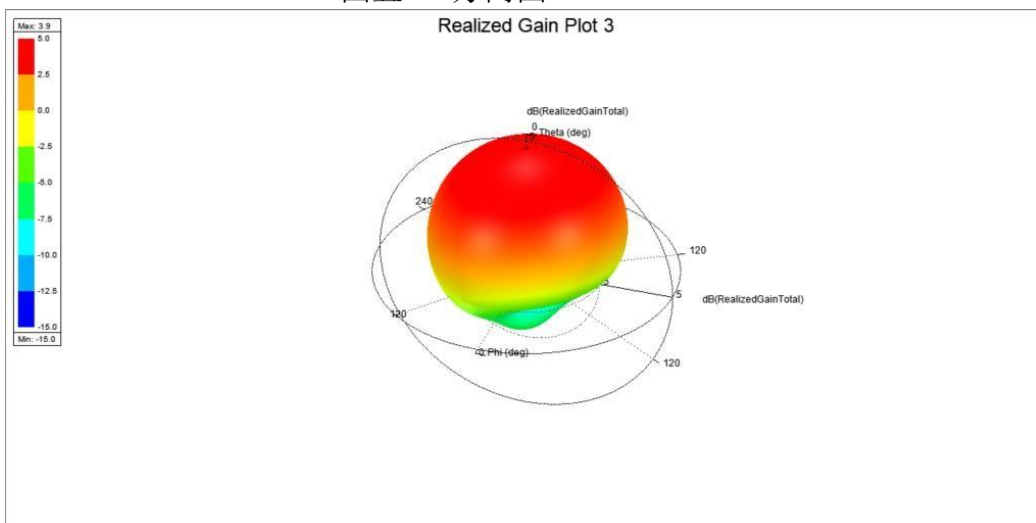
3D Antenna Gain



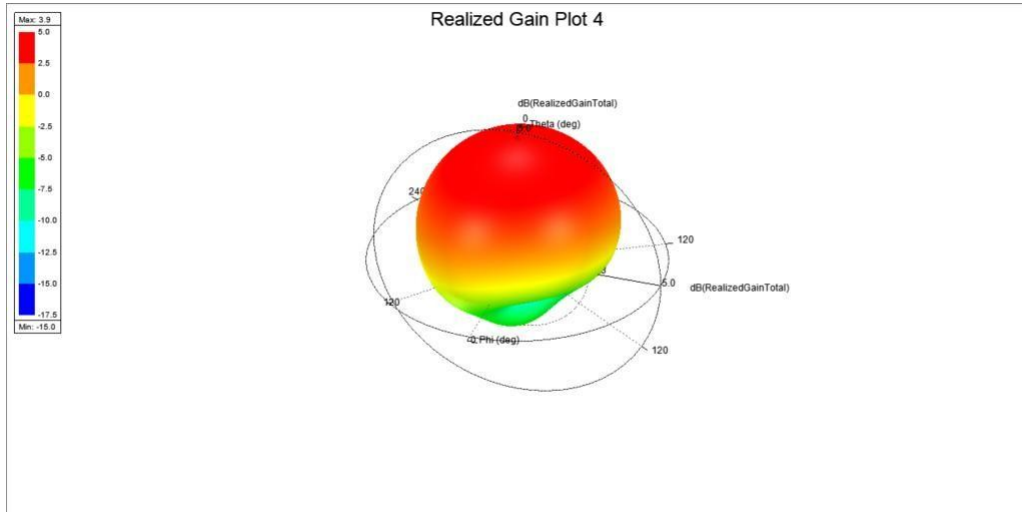
图四 3D方向图 5.795 GHz



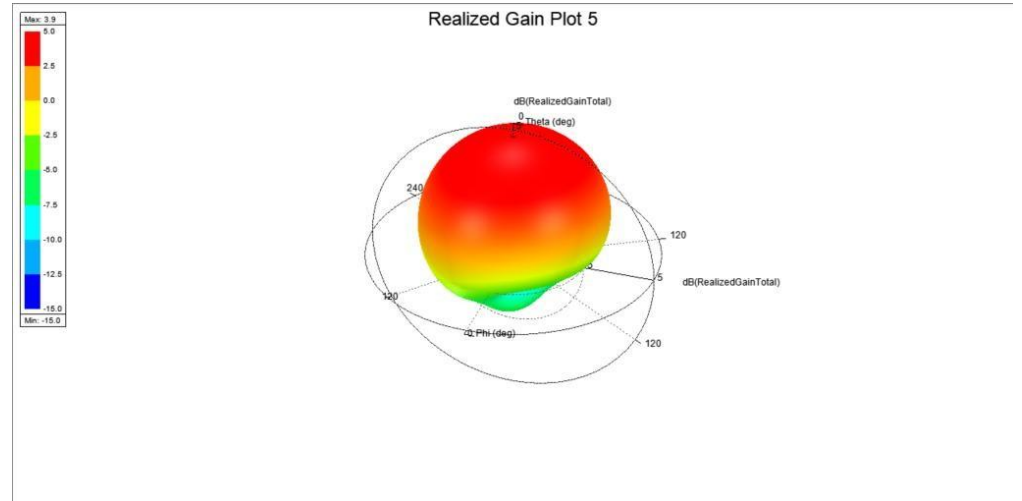
图五 3D方向图 5.812 GHz



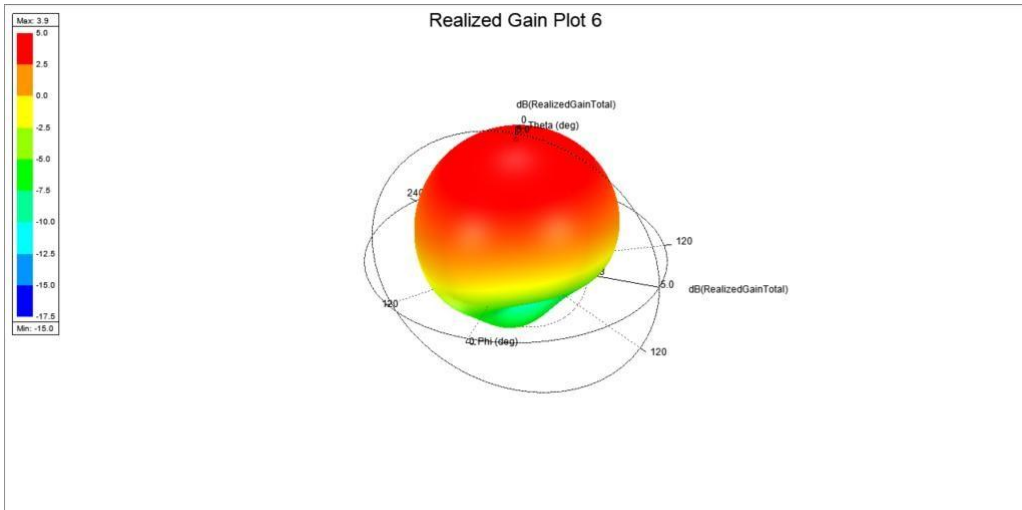
图六 3D方向图 5.831 GHz



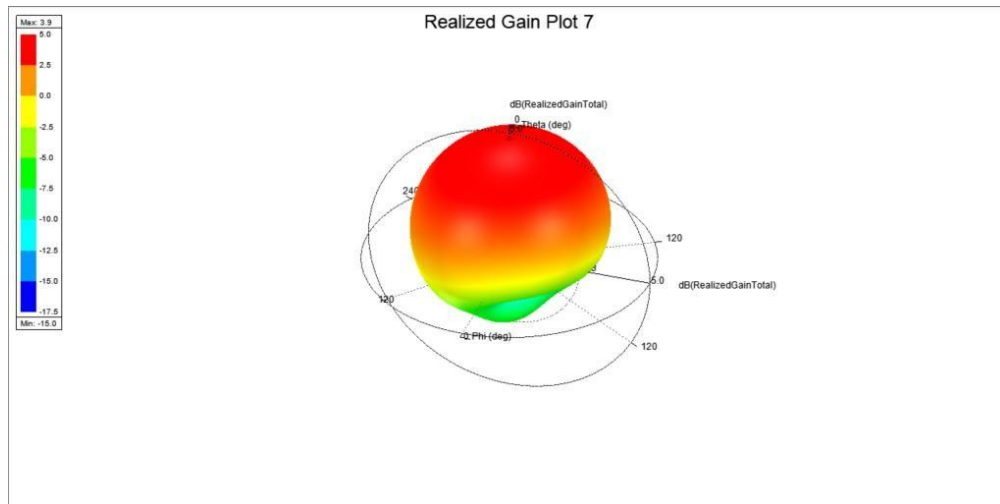
图七 3D方向图 5.848 GHz



图八 3D方向图 5.826 GHz

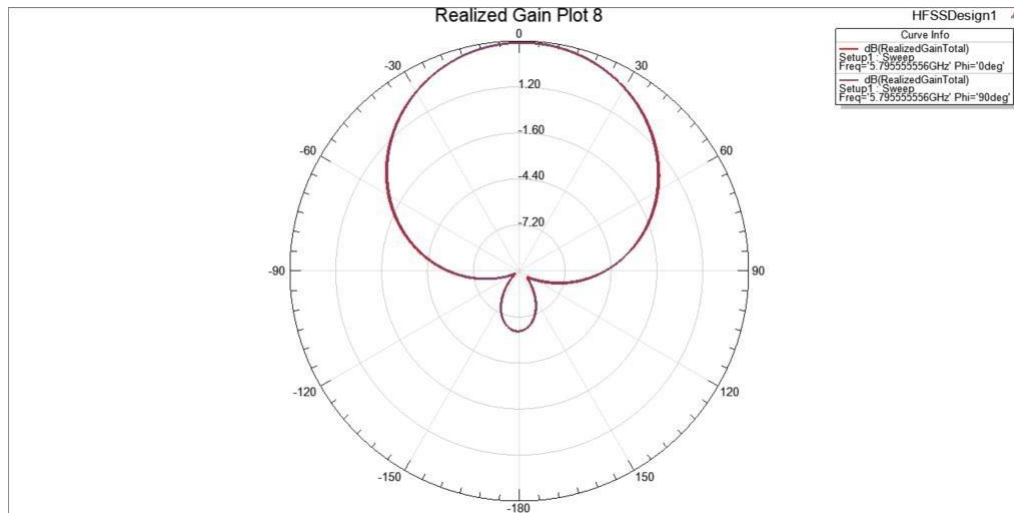


图九 3D方向图 5.844 GHz

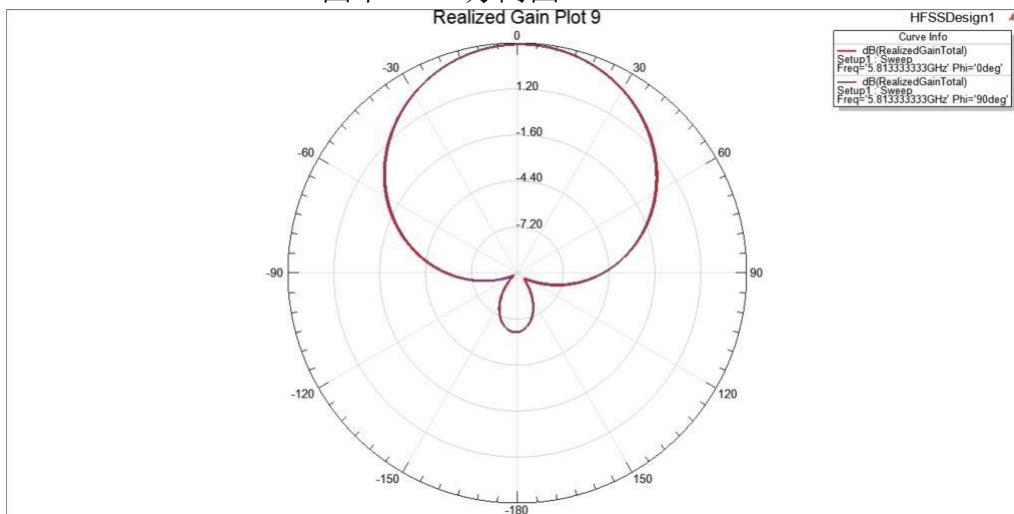


图十 3D方向图 5.858 GHz

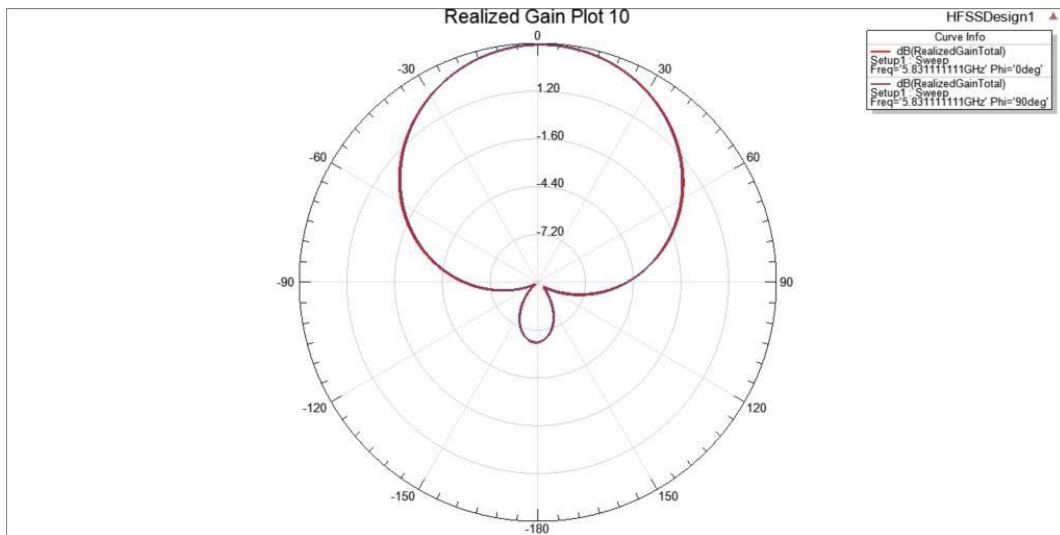
2D Antenna Gain



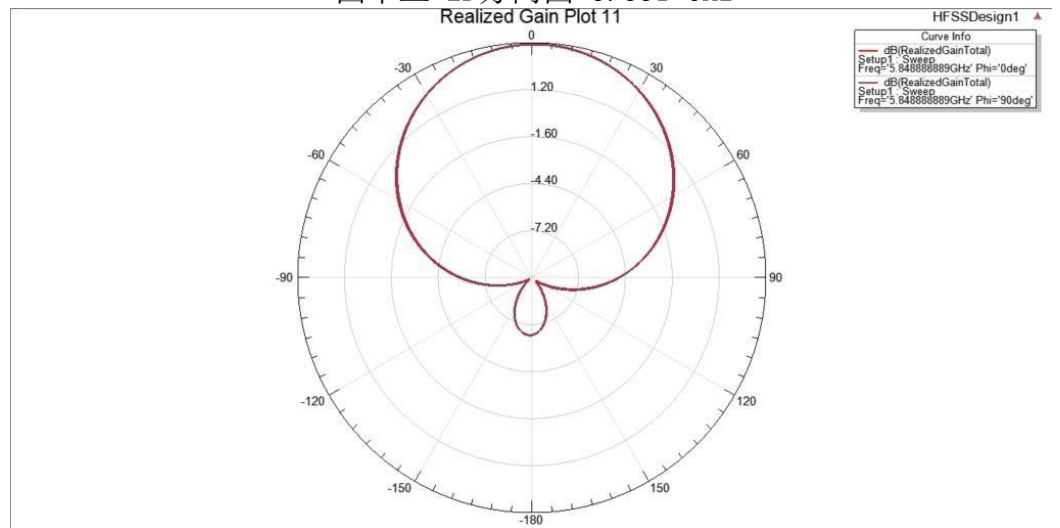
图十一 2D方向图 5.795 GHz



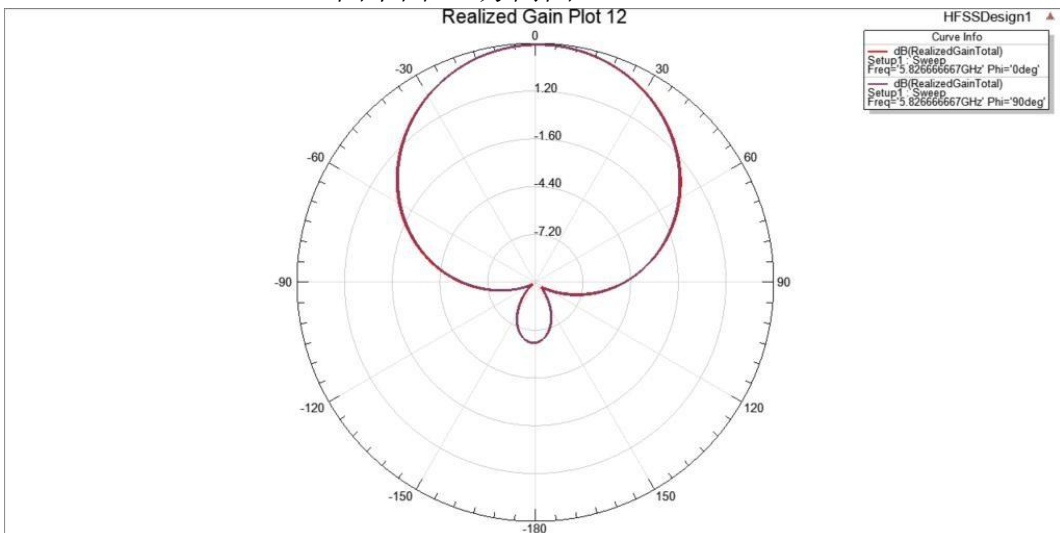
图十二 2D方向图 5.812 GHz



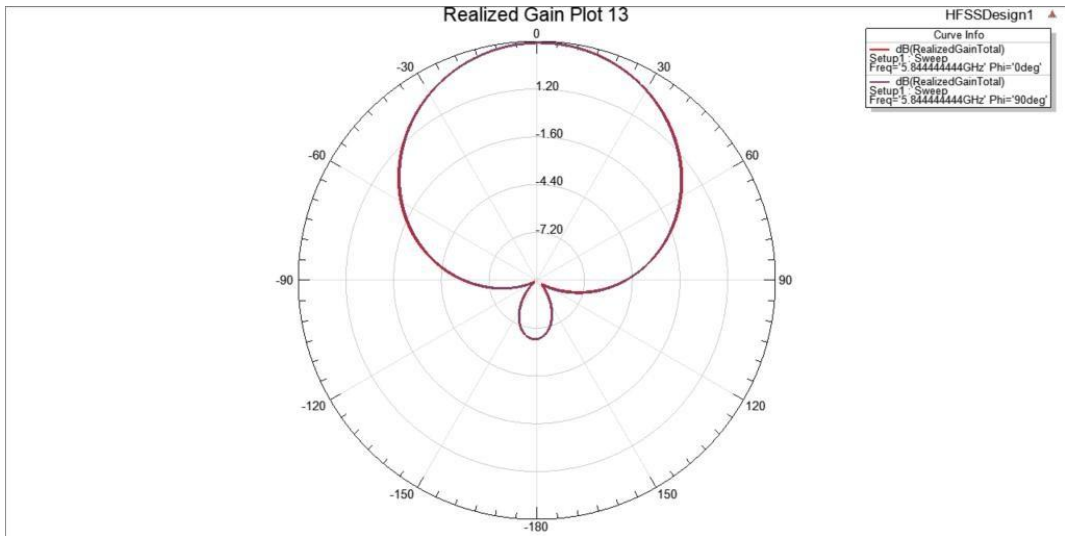
图十三 2D方向图 5.831 GHz



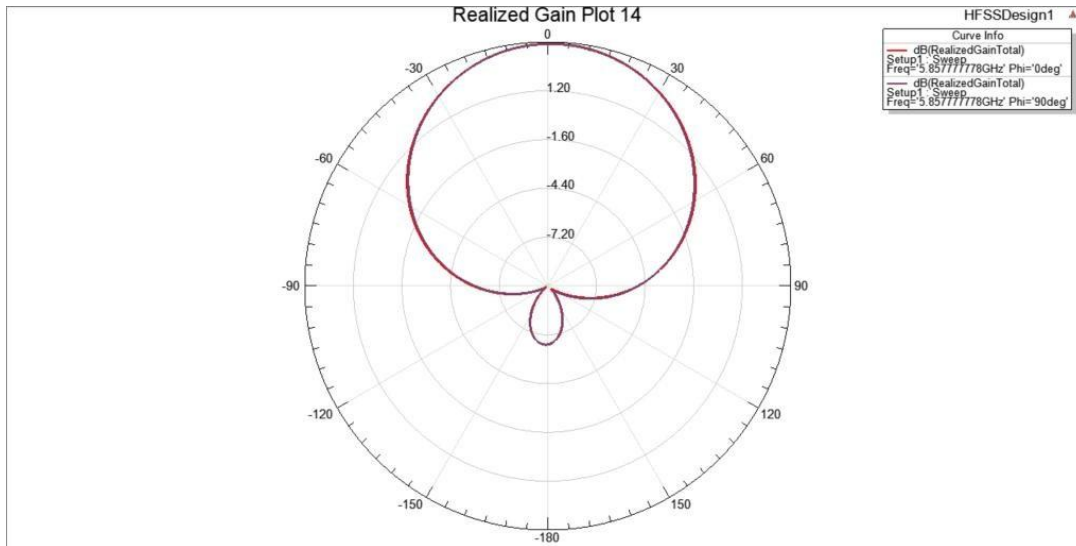
图十四 2D方向图 5.848 GHz



图十五 2D方向图 5.826 GHz



图十六 2D方向图 5.844 GHz



图十七 2D方向图 5.858 GHz