

Planar Antenna
10.75-14.5GHz Frequency Range, 32 dBi Typ. Gain



Planar Antenna Data Sheet

RM-PA1075145-32

Specifications

RM-PA1075145-32		
Parameter	Specification	Unit
Frequency Range	10.75-14.5	GHz
Gain	32 Typ.	dBi
VSWR	≤1.8	
Polarization	Dual Linear	
Cross Polarization Isolation	> 30	dB
Isolation	> 55	dB
3dB Beamwidth	E plane 4.2-5	°
	H plane 2.8-3.4	
Side lobe	≤-14	
Finishing	Color conductive oxidation	
Interface	WR75/WR62	
Size	460*304*32.2(L*W*H)	mm
Radome	yes	

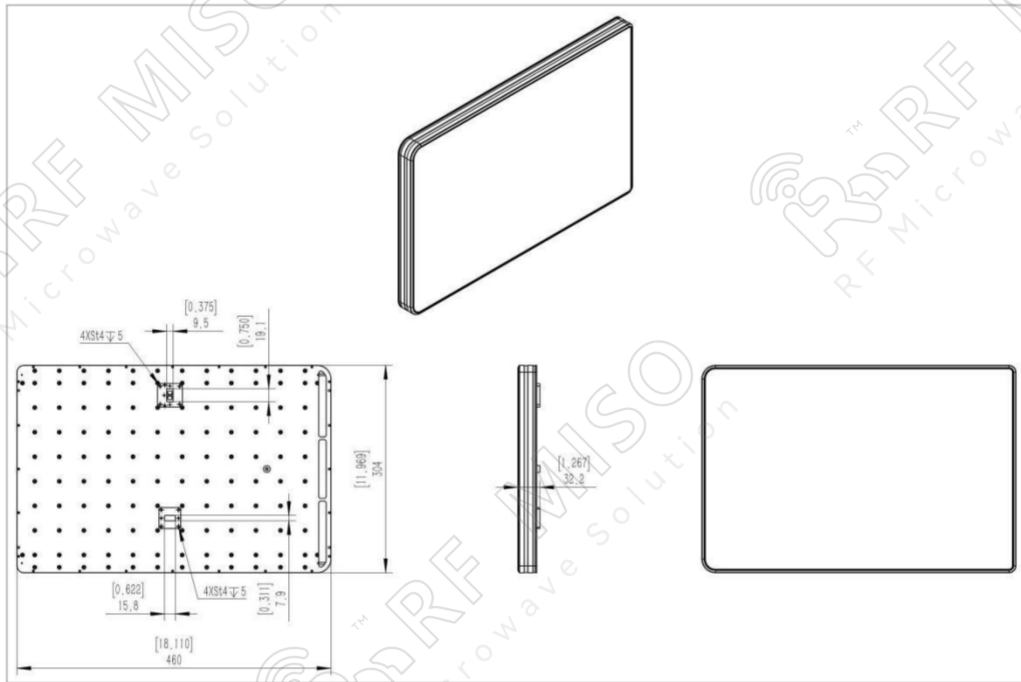
Planar Antenna
10.75-14.5GHz Frequency Range, 32 dBi Typ. Gain



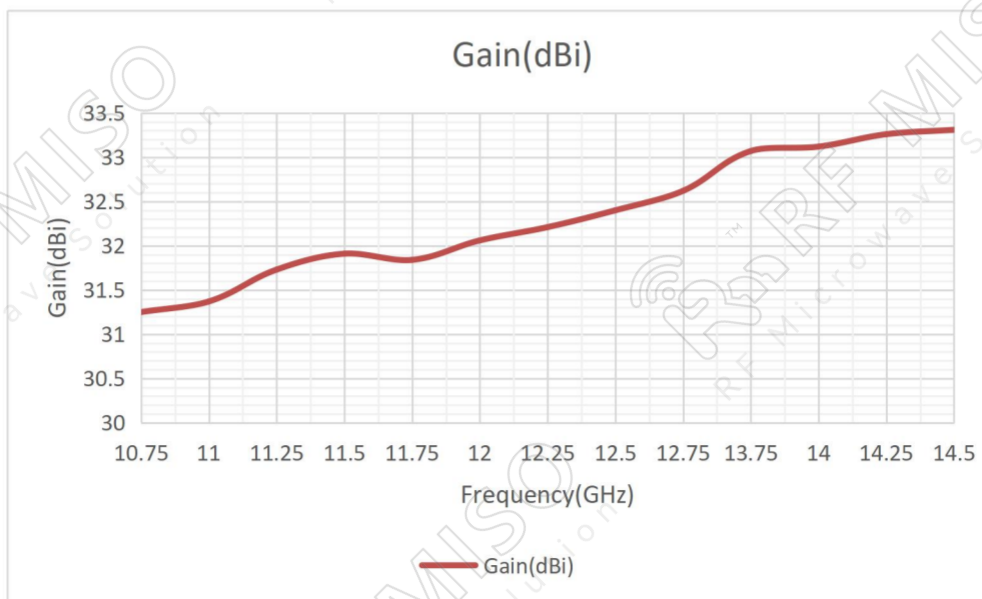
Planar Antenna Data Sheet

RM-PA1075145-32

Mechanical Drawing



Test Results



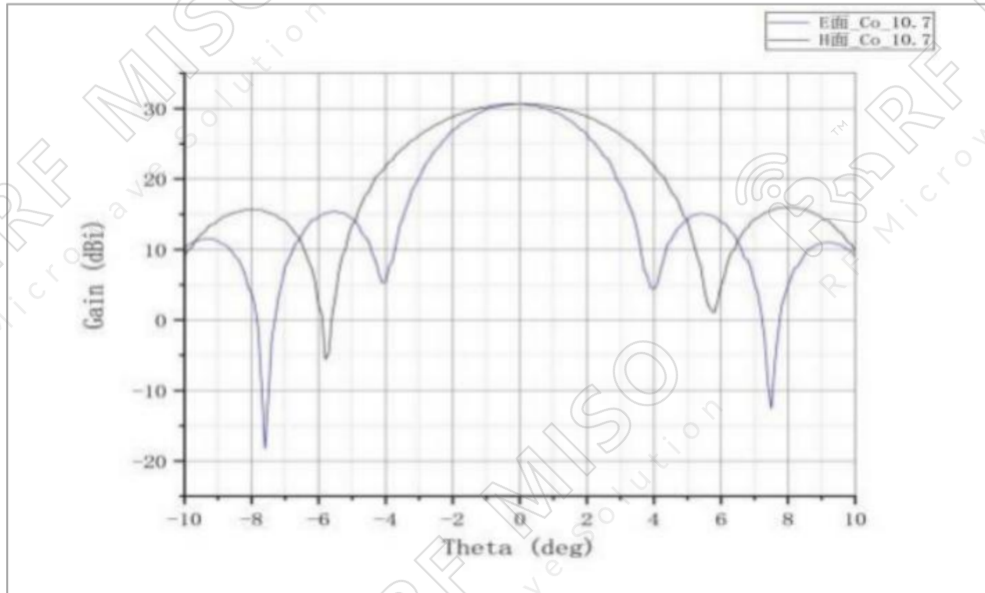
Planar Antenna
10.75-14.5GHz Frequency Range, 32 dBi Typ. Gain



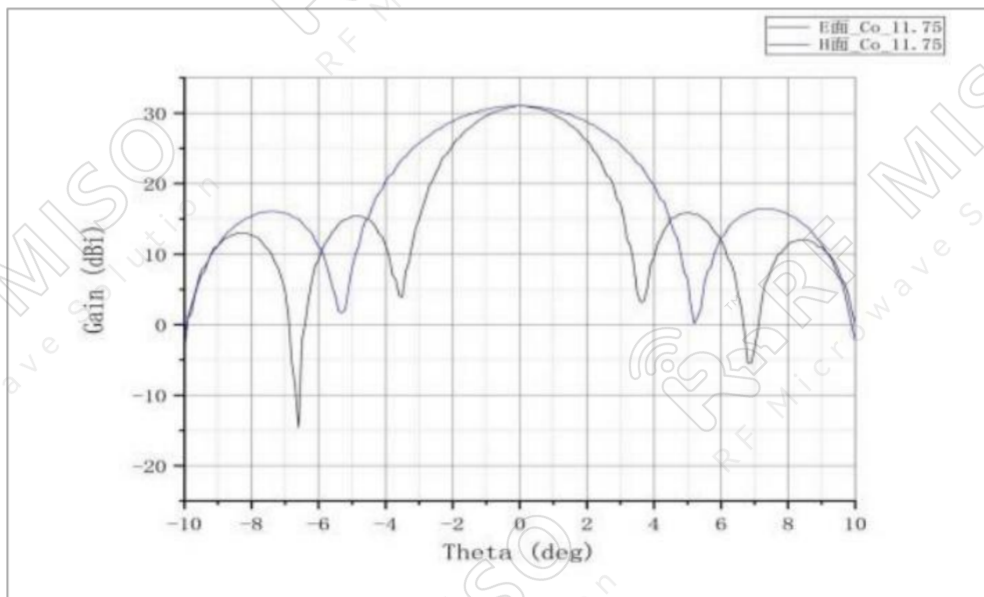
Planar Antenna Data Sheet

RM-PA1075145-32

Pattern

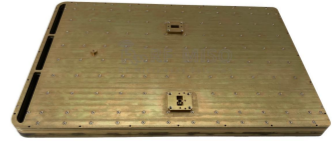


Frequency: 11.75GHz, RX port



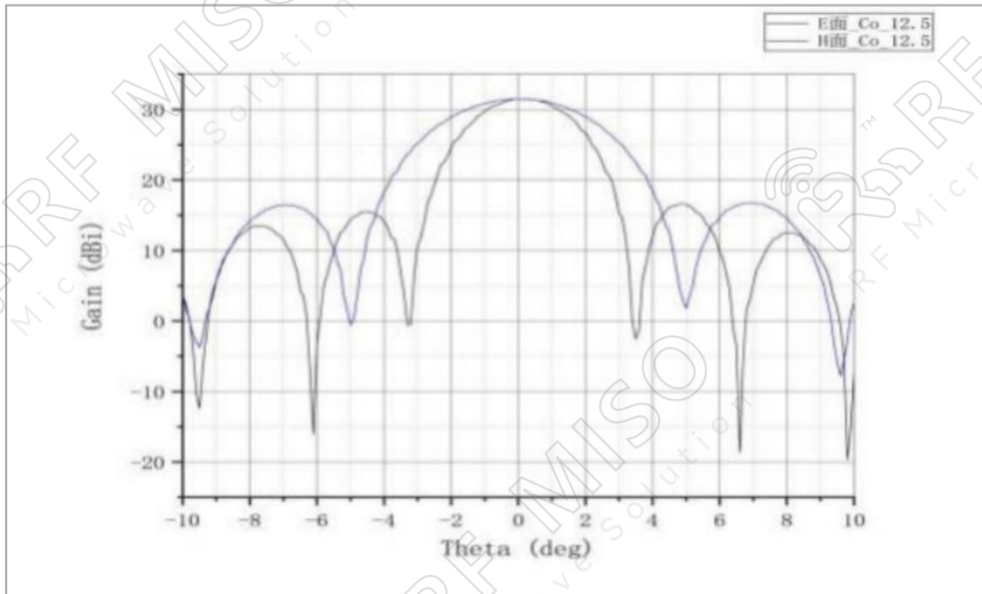
Frequency: 11.75GHz , RX Port

Planar Antenna
10.75-14.5GHz Frequency Range, 32 dBi Typ. Gain

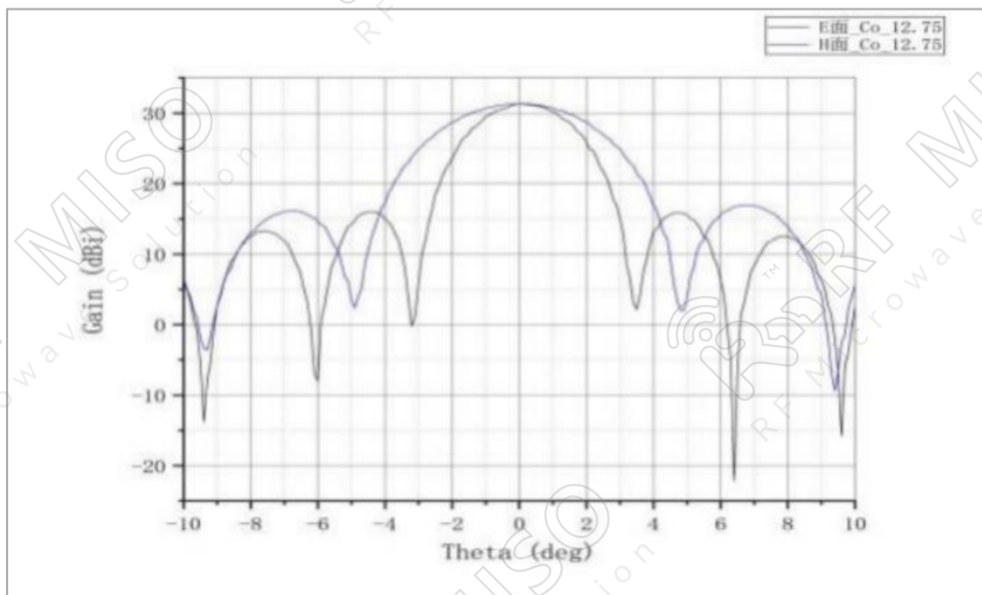


Planar Antenna Data Sheet

RM-PA1075145-32



Frequency: 12.5GHz , RX Port



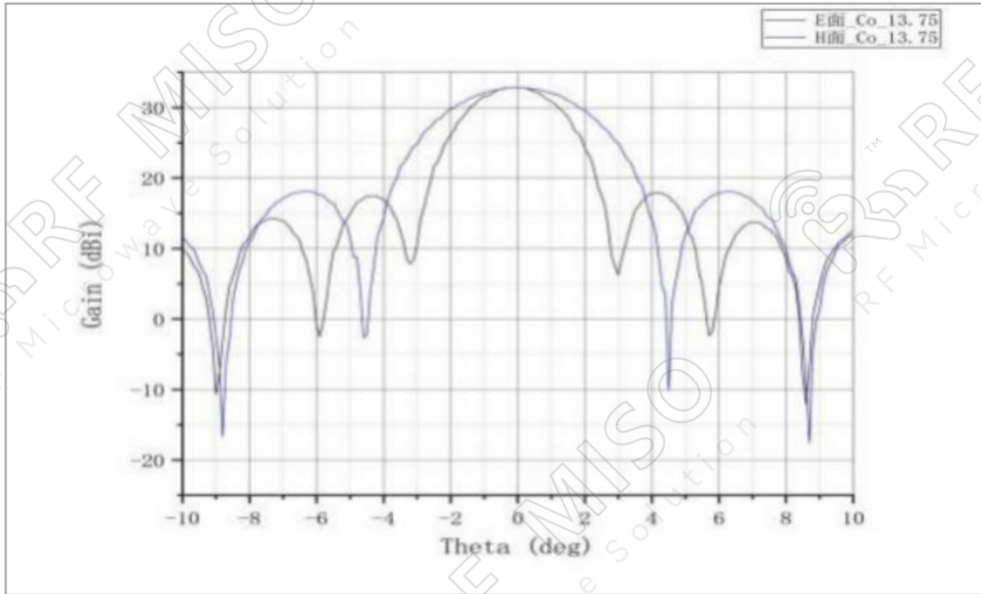
Frequency: 12.75GHz, RX Port

Planar Antenna
10.75-14.5GHz Frequency Range, 32 dBi Typ. Gain

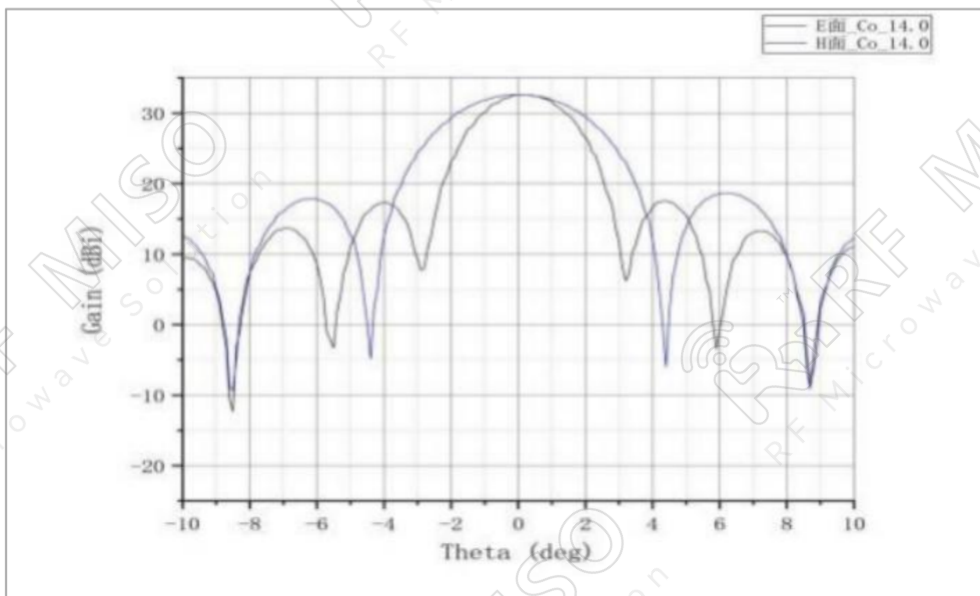


Planar Antenna Data Sheet

RM-PA1075145-32



Frequency: 13.75GHz, TX Port



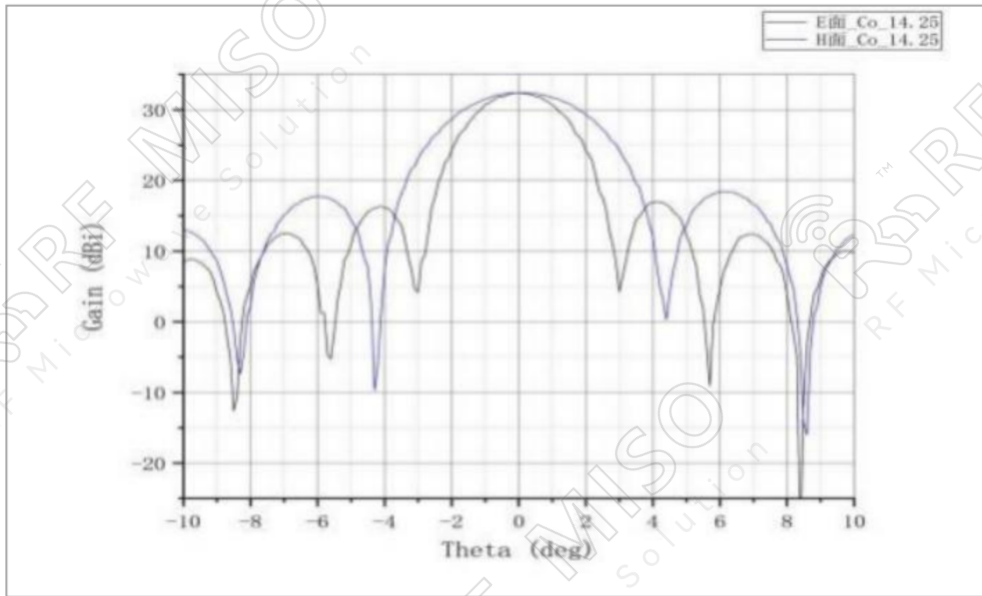
Frequency: 14GHz, TX Port

Planar Antenna
10.75-14.5GHz Frequency Range, 32 dBi Typ. Gain

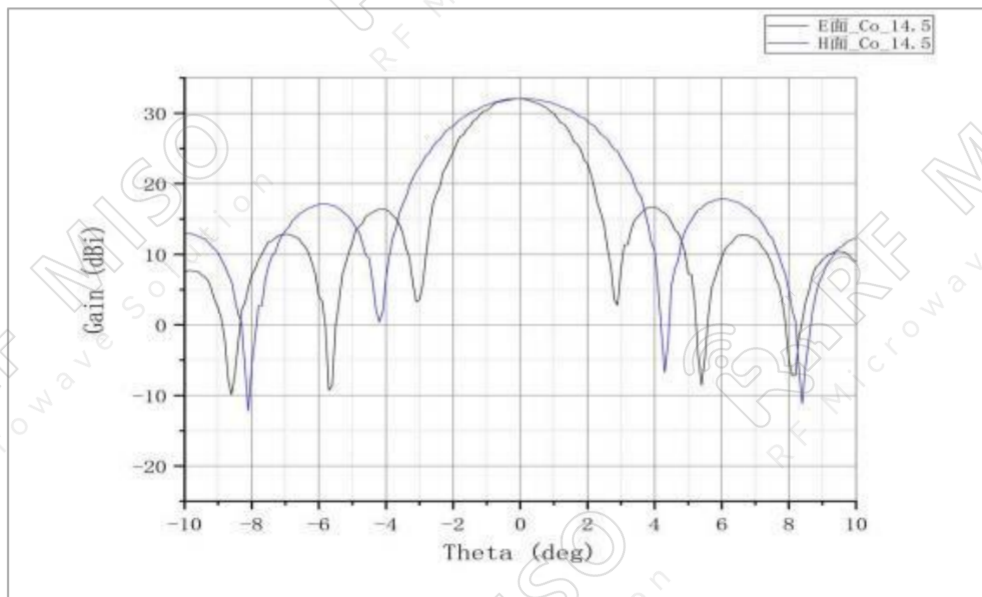


Planar Antenna Data Sheet

RM-PA1075145-32



Frequency: 14.25GHz, TX Port



Frequency: 14.5GHz, TX Port