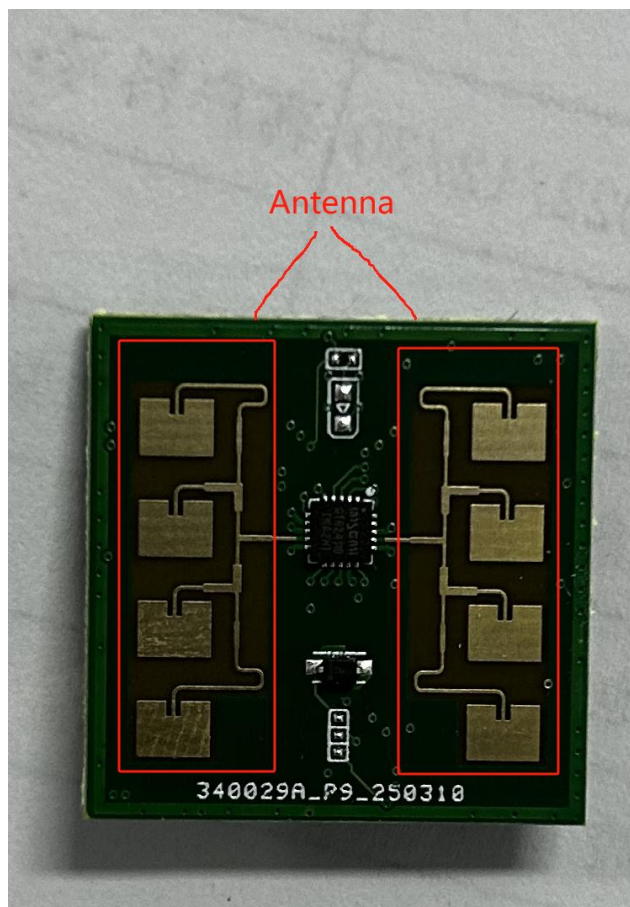

Antenna Specification

No.	Contents	Number of Page	Page Code
1	Antenna describe	1	2
2	External view drawing	1	3
3	Antenna Pattern	2	4

1. Antenna describe.

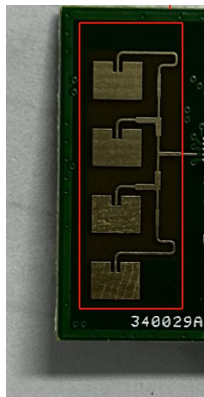
Frequency range	24000MHz-24250 MHz
Antenna type	PCB Antenna
Antenna plate	PCB Microstrip Antenna
Antenna gain(Peak)	7.90 dBi
Modulation Type:	FMCW
mode	Doppler Rangefinding

2. External view drawing.

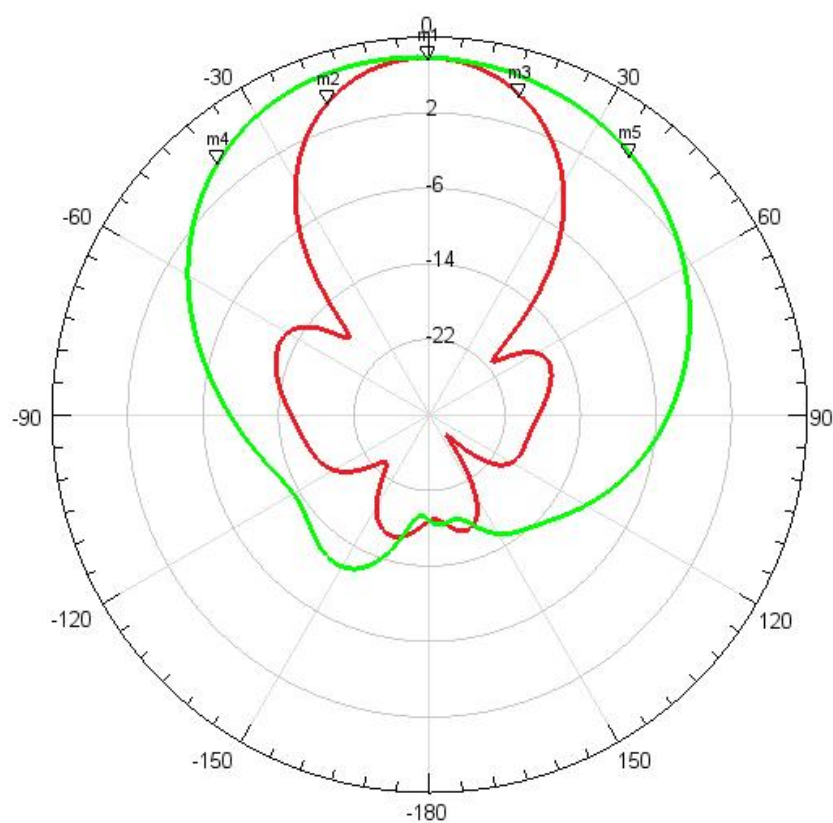
3. Antenna Pattern.

2D Pattern

TX



Realized Gain Plot 2

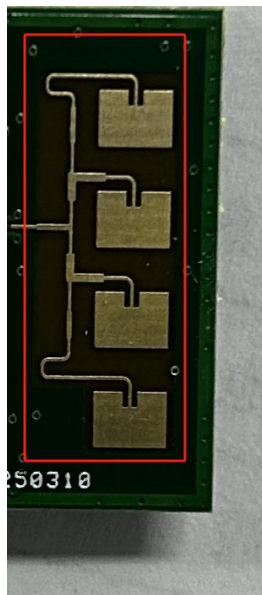


— dB(RealizedGainTotal)
Setup1 : LastAdaptive
Freq='24.125GHz' Phi='0deg'

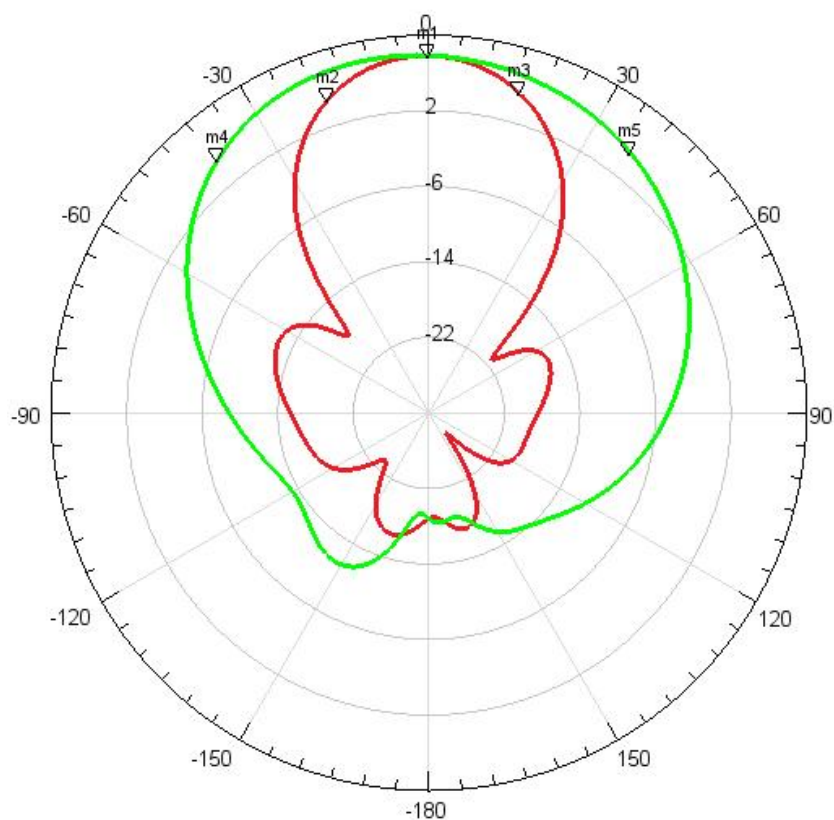
— dB(RealizedGainTotal)_1
Setup1 : LastAdaptive
Freq='24.125GHz' Phi='90deg'

Name	Theta [deg]	Ang	Mag
m1	0	4.9738E-13	7.8429
m2	-17	-18.0000	4.7935
m3	17	16.0000	5.1410
m4	-40	-40.0000	4.8639
m5	38	38.0000	4.8132

RX



Realized Gain Plot 2



— dB(RealizedGainTotal)
Setup1 : LastAdaptive
Freq='24.125GHz' Phi='0deg'

— dB(RealizedGainTotal)_1
Setup1 : LastAdaptive
Freq='24.125GHz' Phi='90deg'

Name	Theta [deg]	Ang	Mag
m1	0	4.9738E-13	7.8429
m2	-17	-18.0000	4.7935
m3	17	16.0000	5.1410
m4	-40	-40.0000	4.8639
m5	38	38.0000	4.8132

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