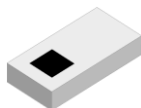


ANT016008LCS2442MA2 for 2.4GHz Single Band

Shape

$L = 1.6 \pm 0.1\text{mm}$
 $W = 0.8 \pm 0.1\text{mm}$
 $T = 0.4\text{mm Max}$



Feature

- Ultra Small
- Low Profile
- For corner location
- Small Keep-out Area
- Linear Polarization

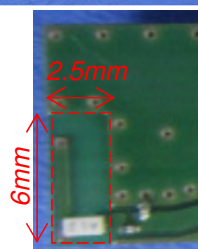
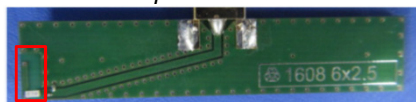
Measurement data

for Corner Position

Efficiency: -2.3 dB (59%)@2.442GHz
 Peak Gain: 2.5 dBi@2.442GHz
 Average Gain: -0.8 dBi (ZX-plane Vertical polarization)@2.442GHz

Evaluation Board

Board size: 50x10x1mm²
 Antenna keep out area: 6 x 2.5 mm²

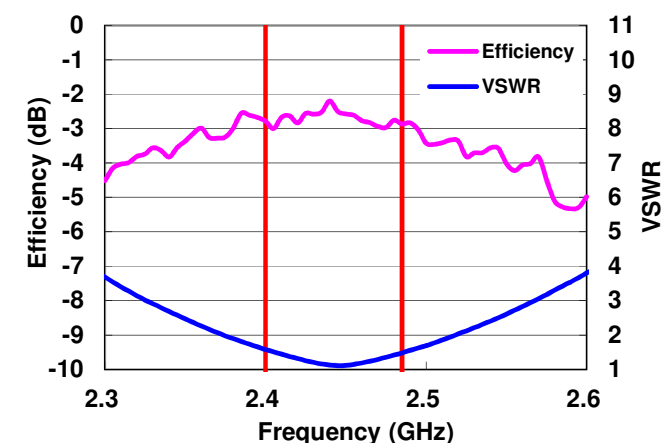


Electrical Characteristics

		2.4GHz band					
		@2.4GHz		@2.442GHz		@2.484GHz	
Efficiency [dB]		-2.8		-2.3		-2.8	
Peak gain		1.6 [dBi]		2.5 [dBi]		2.0 [dBi]	
Average Gain	ZX-plane	TX-H	-16.1	TX-H	-16.0	TX-H	-16.4
		TX-V	-1.4	TX-V	-0.8	TX-V	-1.6
	ZY-plane	TX-H	-4.3	TX-H	-3.6	TX-H	-4.2
		TX-V	-17.5	TX-V	-16.8	TX-V	-17.0
	XY-plane	TX-H	-3.9	TX-H	-3.3	TX-H	-4.0
		TX-V	-18.7	TX-V	-18.6	TX-V	-19.8

TX-H=Horizontal polarization
 TX-V=Vertical polarization

VSWR & Efficiency



Liner Polarization Pattern @ 2.442GHz

