

Type	Pattern Antenna
Application	2.4GHz
Part No.	-
Revision	4.0

## ICAS3 MEB4\_China Pattern Antenna

### Application

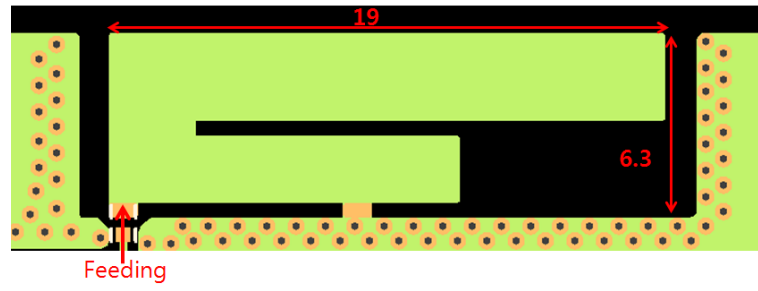
Bluetooth (4.2)

## Features

Planar Inverted-F Antenna

Size: 19 x 6.3 [mm]

Inscription on PCB



## Revision History

Revision	Data	Description	Author
1.0	2017.09.12	First release of document for datasheet	Hyoseo.park
2.0	2018.06.07	Updated Max VSWR	Hyoseo.park
3.0	2019.01.07	Updated Max Peak Gain	Hyoseo.park
4.0	2022.10.31	Updated VSWR & Gain	Sangkyoo. Song

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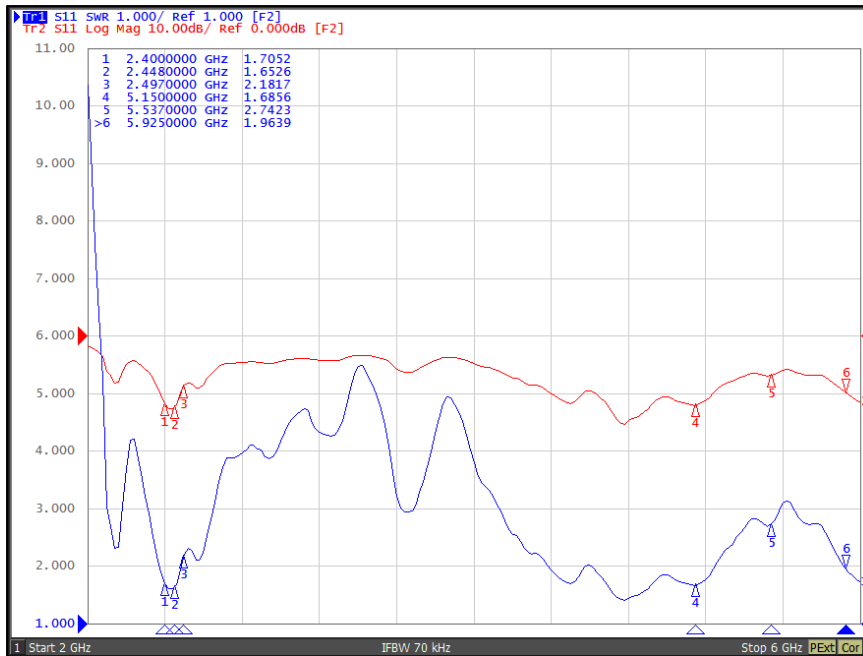
1. Operation performance
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### 1. Operation performance

No	Item	Performance	
1	Impedance	50 $\Omega$	
2	VSWR @ Operating frequency (2400~2483.5MHz)	Max. 2.18:1	
3	Average Gain [dBi]	2450 MHz	-2.00
4	Efficiency Average [%]	2450 MHz	63.16
5	Peak Gain [dBi]	2400 MHz	3.98
		2450 MHz	4.39
		2485 MHz	3.37
6	Radiation pattern	Omni-directional	

## 2. Measurement results

### 2.1 S-parameter



### 2.2 Gain Efficiency

Freq.[MHz]	Eff.[%]	Avg.[dBi]	Peak[dBi]
24000Hz	55.74	-2.54	3.98
2450MHz	63.16	-2.00	4.39
2485MHz	51.36	-2.89	3.37

## 2.3 Radiation pattern

