

## Antenna Information

### **Section1. Antenna Assembly Specification**

Antenna Assembly Summary:

Antenna part number	Manufacture	Antenna Type	Peak Gain
Printed Antenna	ALPS ELECTRIC CO., LTD.	$\lambda$ /4 PIFA	0.6dBi

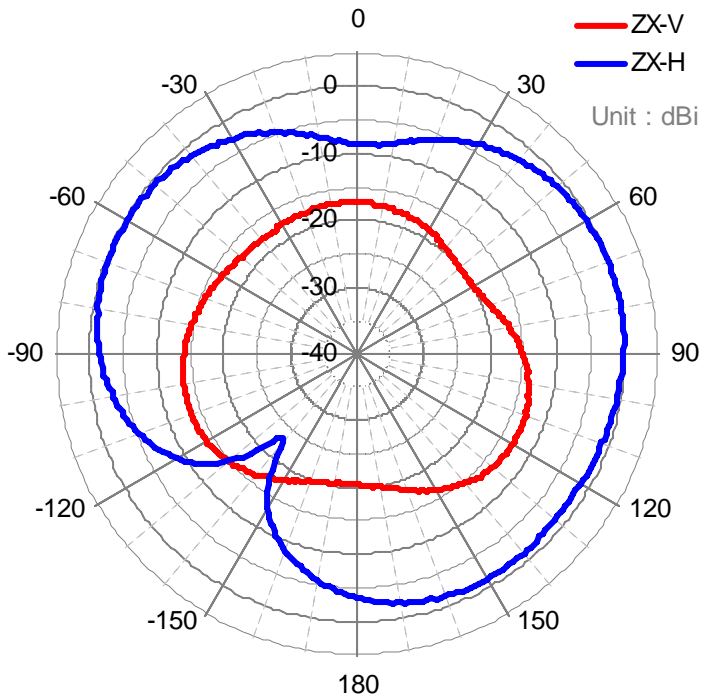
DETAIL : a

## Section2.Radiation characteristics of antenna in free space

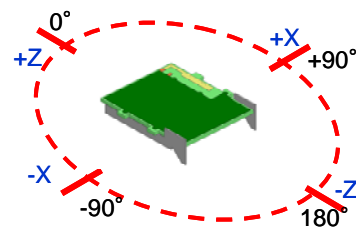
2402-2480 radiation characteristic

### Z-X Plane

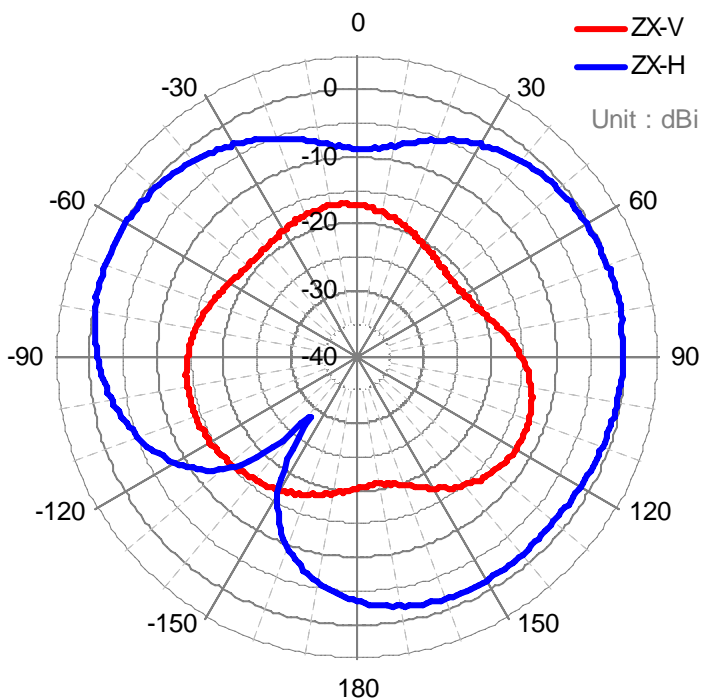
Frequency: 2402MHz



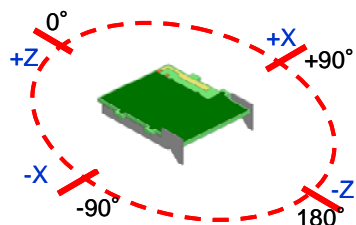
Center Frequency [MHz]	2402
Horizontal Peak [dBi]	0.0
Vertical Peak [dBi]	-13.1



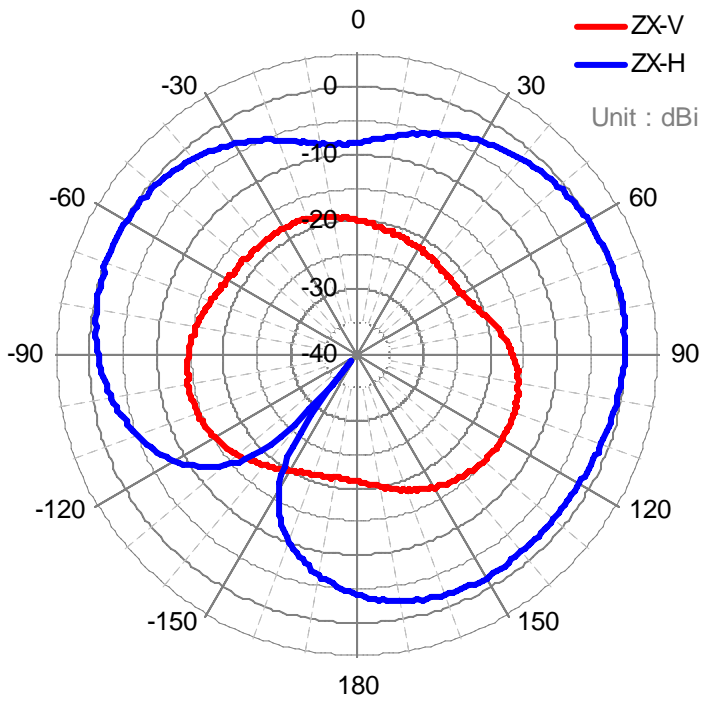
Frequency: 2441MHz



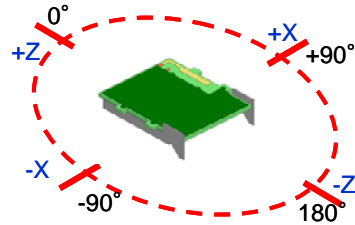
Center Frequency [MHz]	2441
Horizontal Peak [dBi]	0.0
Vertical Peak [dBi]	-12.5



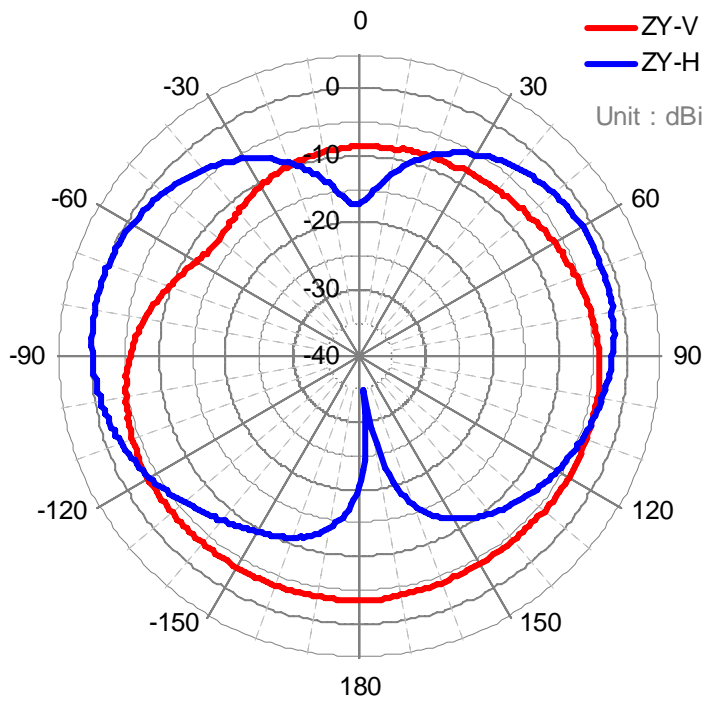
Frequency: 2480MHz



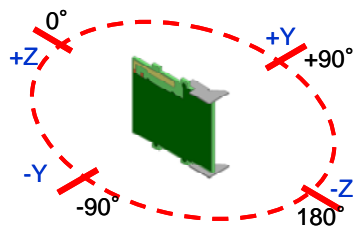
Center Frequency [MHz]	2480
Horizontal Peak [dBi]	0.2
Vertical Peak [dBi]	-14.5



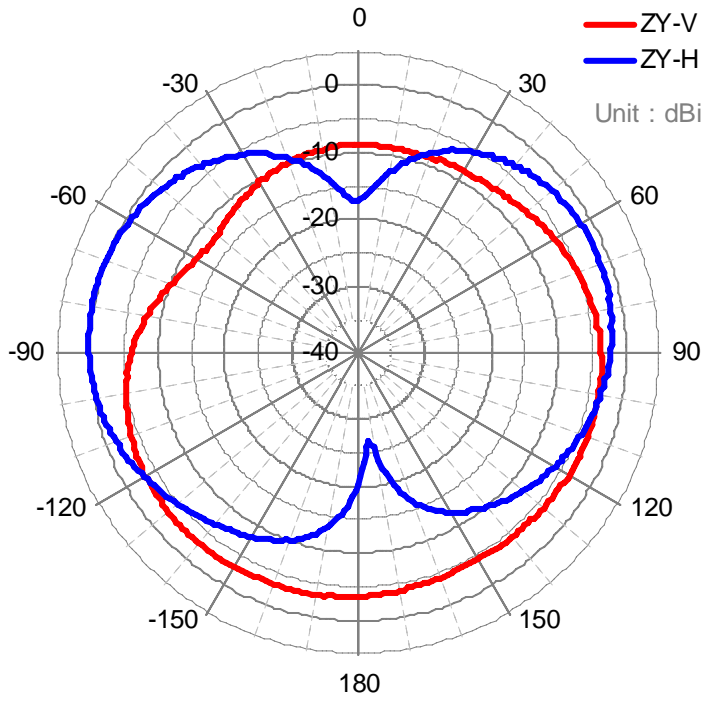
**Z-Y Plane**



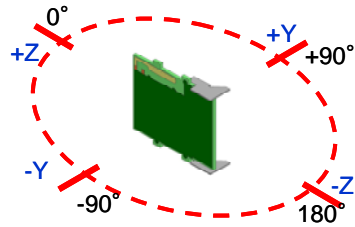
Center Frequency [MHz]	2402
Horizontal Peak [dBi]	0.0
Vertical Peak [dBi]	-3.5



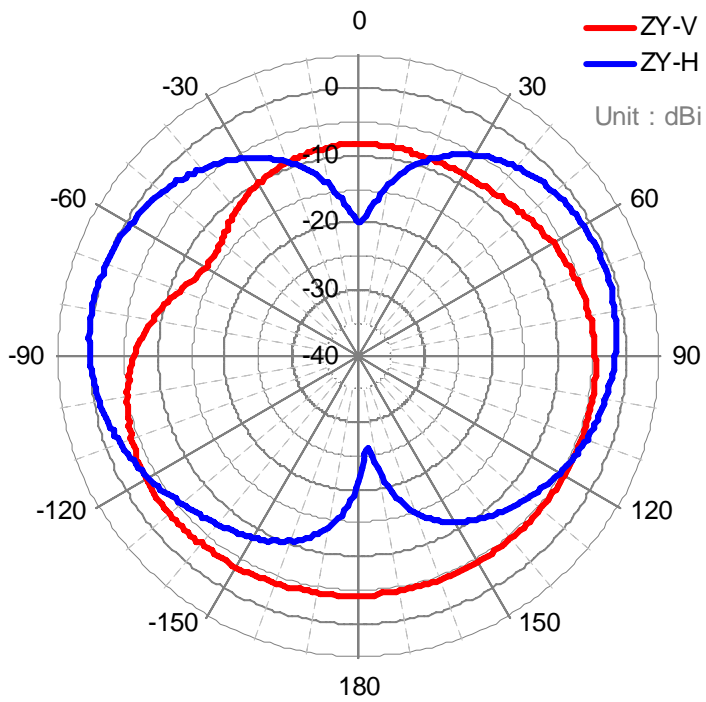
Frequency: 2441MHz



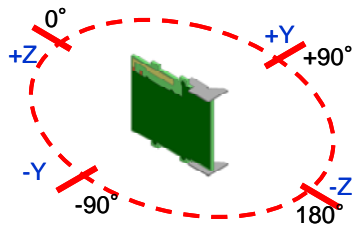
Center Frequency [MHz]	2441
Horizontal Peak [dBi]	0.3
Vertical Peak [dBi]	-3.1



Frequency: 2480MHz

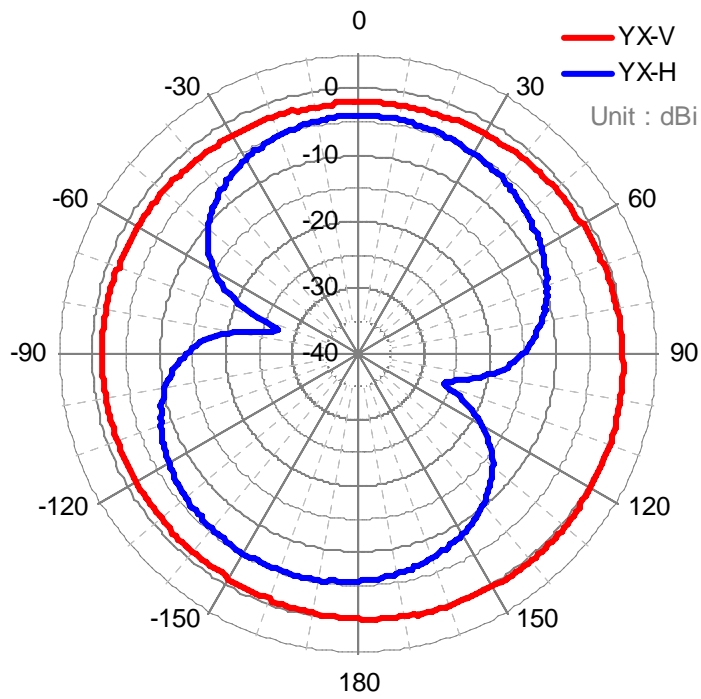


Center Frequency [MHz]	2480
Horizontal Peak [dBi]	0.2
Vertical Peak [dBi]	-3.4

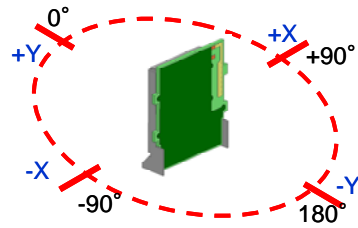


## Y-X Plane

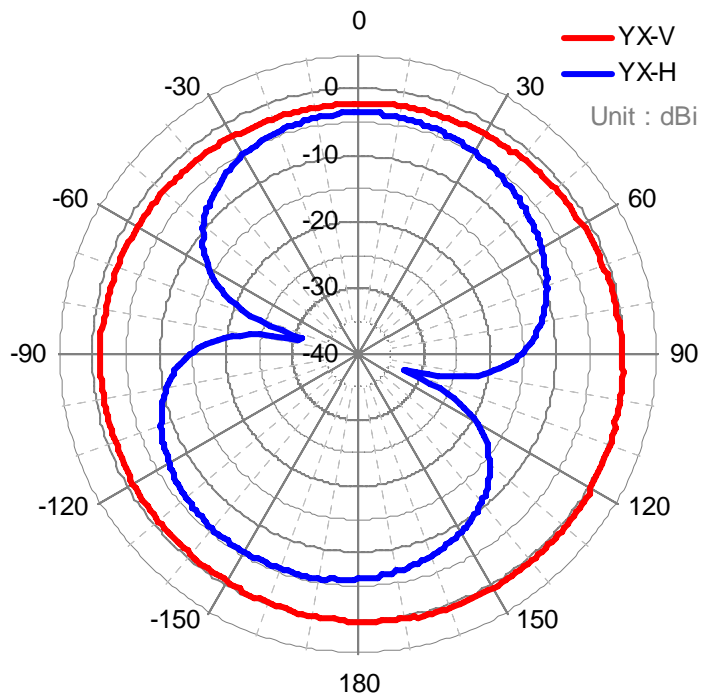
Frequency: 2402MHz



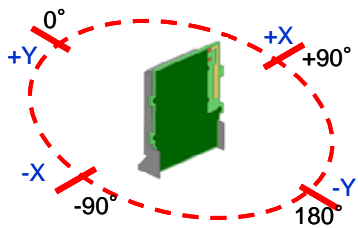
Center Frequency [MHz]	2402
Horizontal Peak [dBi]	-4.3
Vertical Peak [dBi]	0.4



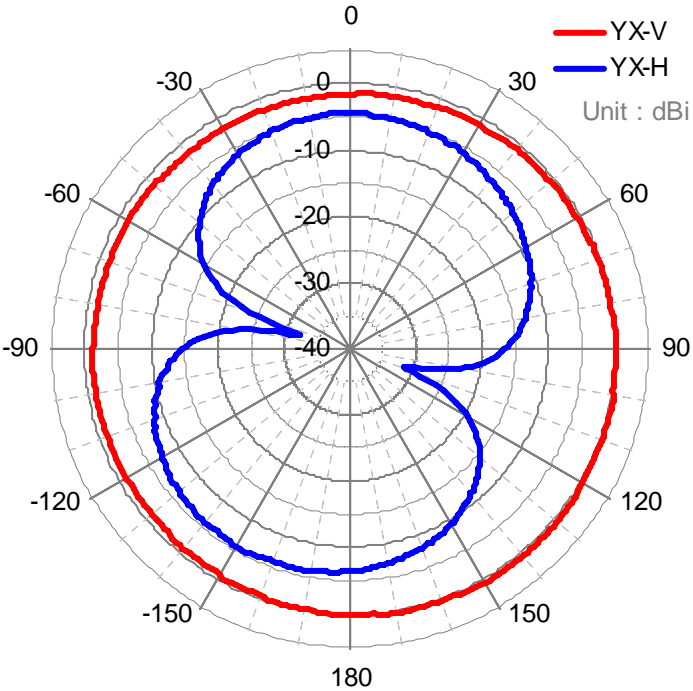
Frequency: 2441MHz



Center Frequency [MHz]	2441
Horizontal Peak [dBi]	-3.8
Vertical Peak [dBi]	0.6



Frequency: 2480MHz



Center Frequency [MHz]	2480
Horizontal Peak [dBi]	-4.7
Vertical Peak [dBi]	0.4

