

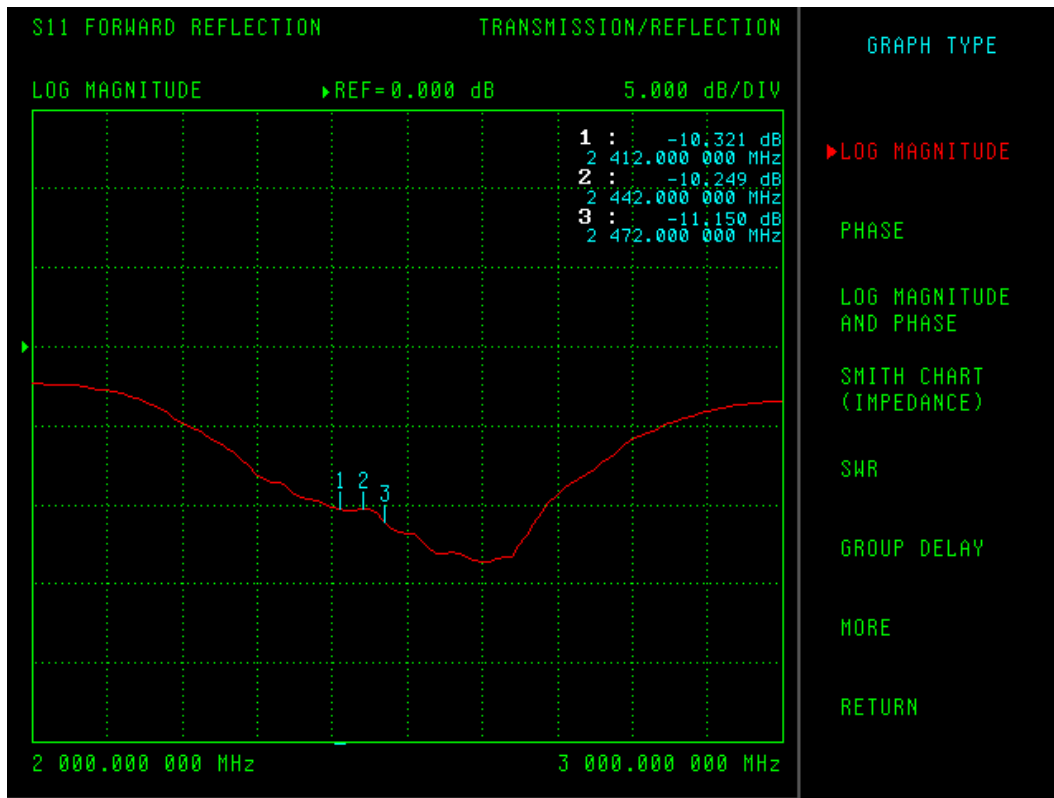
## WAP-001 RF Antenna Cable Assembly

### Specification

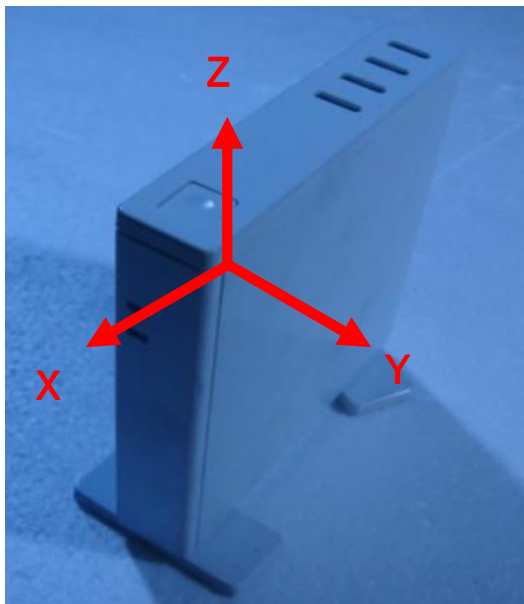
#### Electrical Properties

Frequency Range	<u>2.4GHz~2.5GHz</u>
Impedance	<u>50Ω Nominal</u>
VSWR	<u>2.00 Max.</u>
Return Loss	<u>-10dB Max.</u>
Peak Gain	<u>2.90dBi Max</u>

# Return Loss



測定方位

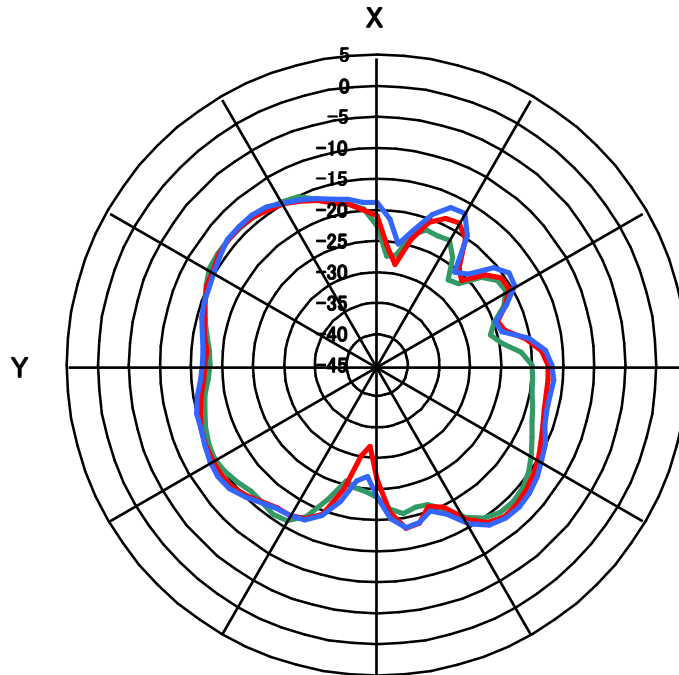


アンテナ位置



## X-Y Horizontal Polarization

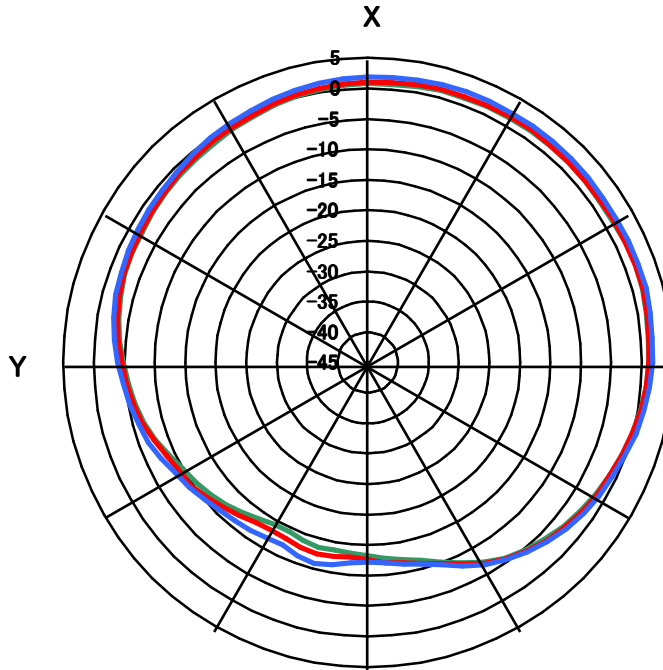
— 2412MHz — 2442MHz — 2472MHz



frequency	average gain	peak gain
2412 MHz	-19.01 dBi	-13.63 dBi
2442 MHz	-18.39 dBi	-13.15 dBi
2472 MHz	-17.60 dBi	-12.60 dBi

## X-Y Vertical Polarization

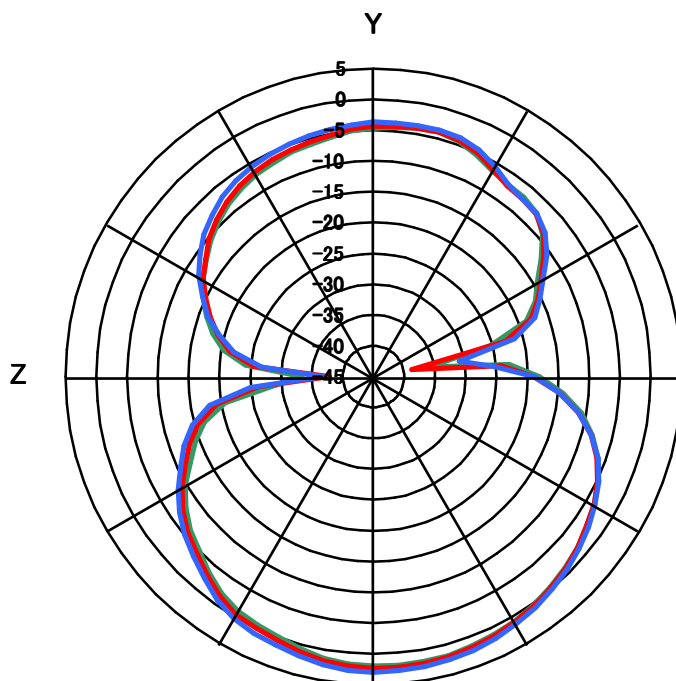
— 2412MHz — 2442MHz — 2472MHz



frequency	average gain	peak gain
2412 MHz	-4.08 dBi	1.73 dBi
2442 MHz	-3.73 dBi	1.76 dBi
2472 MHz	-3.08 dBi	2.28 dBi

## Y-Z Horizontal Polarization

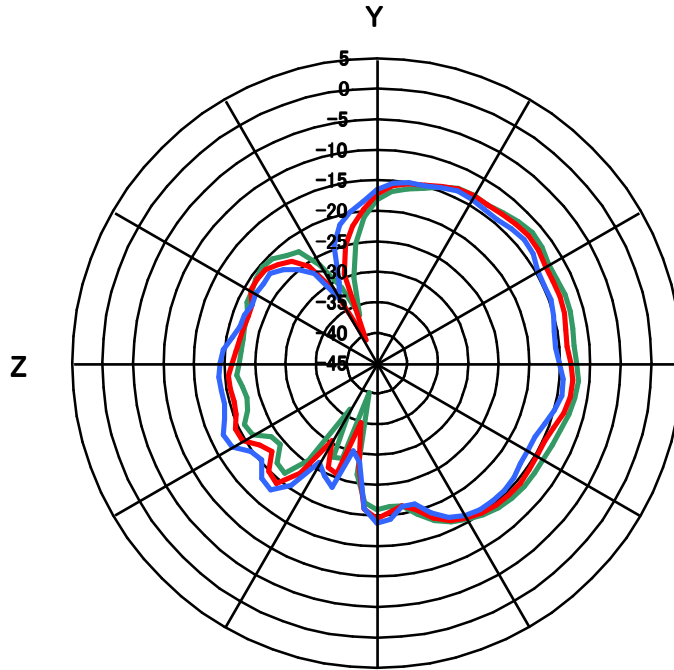
— 2412MHz — 2442MHz — 2472MHz



frequency	average gain	peak gain
2412 MHz	-8.62 dBi	1.98 dBi
2442 MHz	-8.49 dBi	2.26 dBi
2472 MHz	-7.85 dBi	2.90 dBi

## Y-Z Vertical Polarization

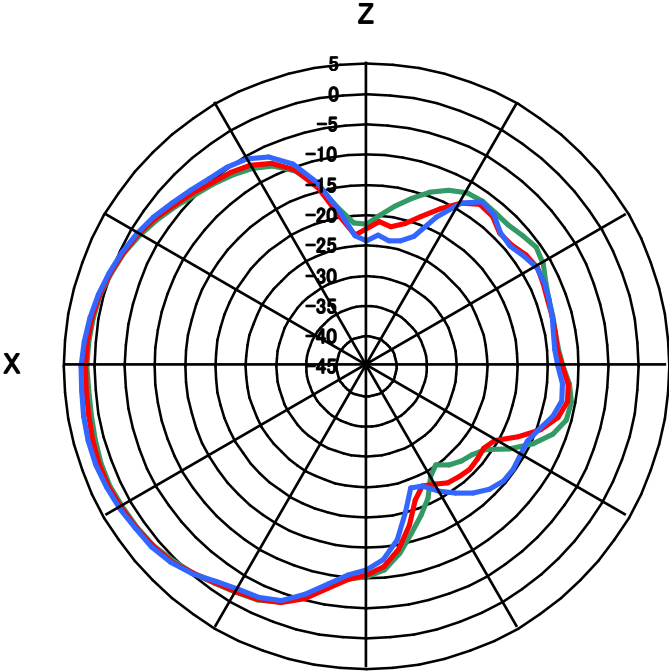
— 2412MHz — 2442MHz — 2472MHz



frequency	average gain	peak gain
2412 MHz	-19.44 dBi	-11.79 dBi
2442 MHz	-19.16 dBi	-12.46 dBi
2472 MHz	-18.89 dBi	-13.52 dBi

# Z-X Horizontal Polarization

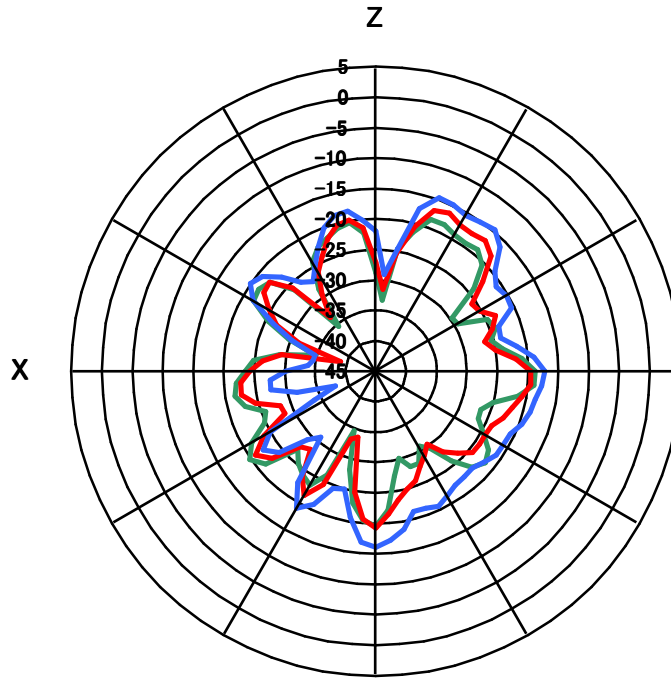
— 2412MHz — 2442MHz — 2472MHz



frequency	average gain	peak gain
2412 MHz	-9.65 dBi	1.73 dBi
2442 MHz	-10.09 dBi	2.05 dBi
2472 MHz	-9.90 dBi	2.60 dBi

## Z-X Vertical Polarization

— 2412MHz — 2442MHz — 2472MHz



frequency	average gain	peak gain
2412 MHz	-24.49 dBi	-18.42 dBi
2442 MHz	-24.46 dBi	-16.44 dBi
2472 MHz	-22.57 dBi	-14.60 dBi