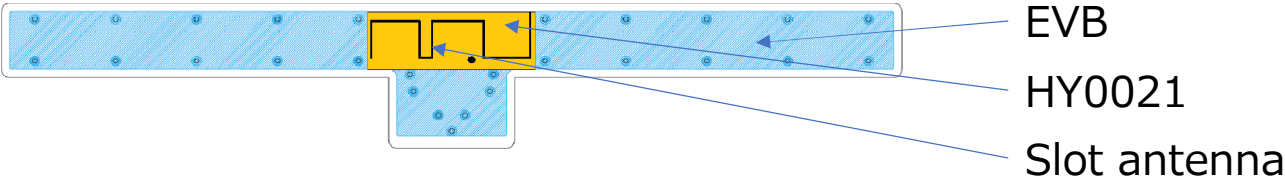


# HY0021 - Antenna specification

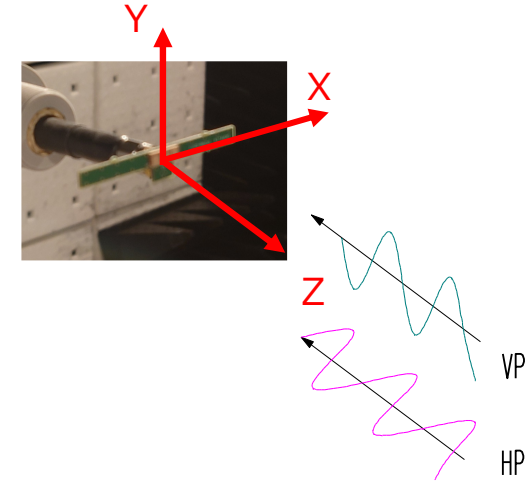
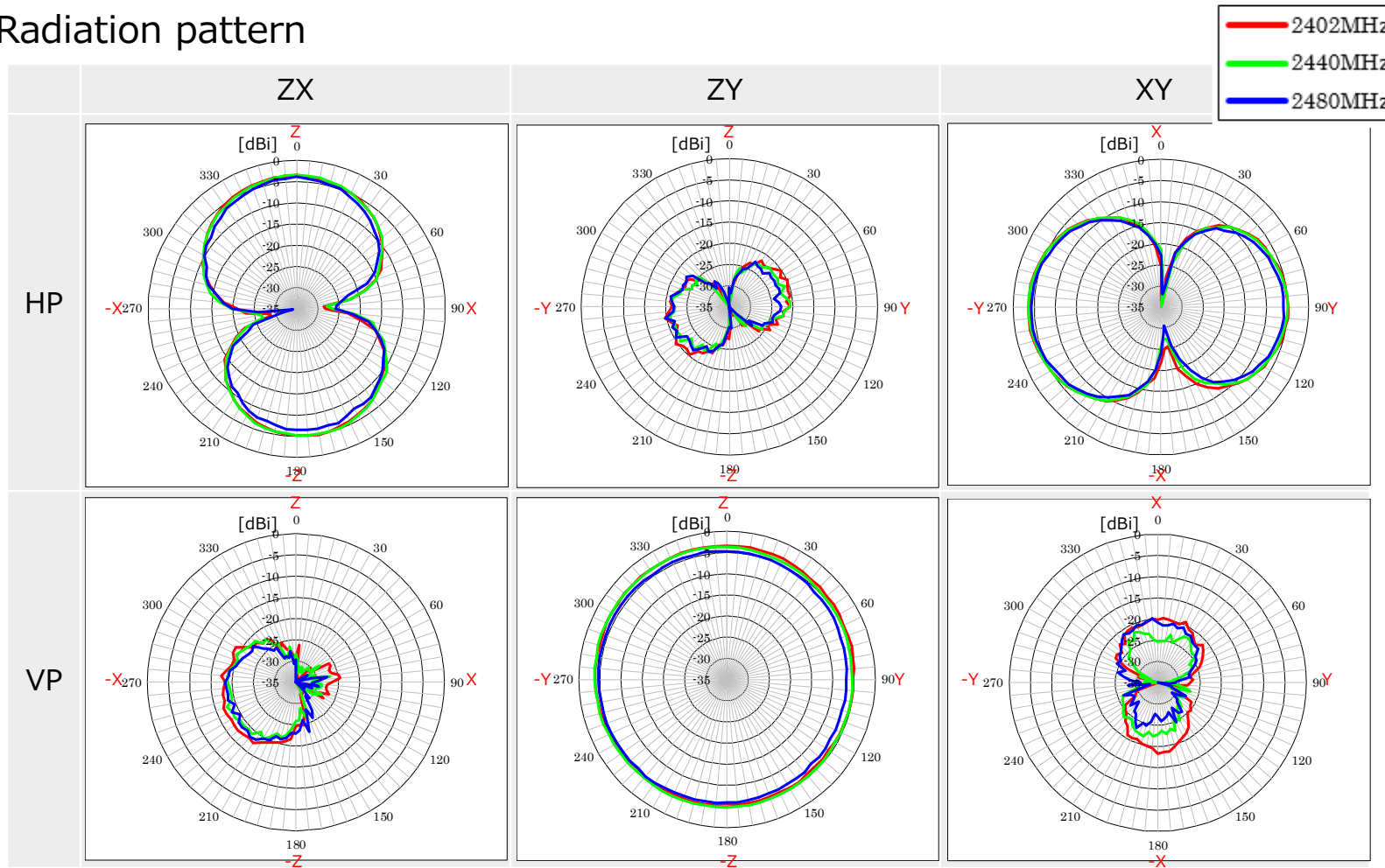
Antenna Type	$\lambda/2$ Slot antenna
Model name	HY0021
Antenna gain	-2.2dBi[max]*1
Frequency range	2402~2480MHz
Connector type	No connector
Measuring status	See below picture
Dimension	HY0021(10 x 3.5mm) *EVB(54x8.7mm)
Radiation pattern	See next page

\*1 We measured multiple antenna gains. And decided on -0.5 dBi to account for variation.  
The antenna gain on the next page is the measurement data of one unit



# HY0021 - Antenna specification

## Radiation pattern



Plane	HV	Peak Gain [dBi]		
		2402 MHz	2442 MHz	2480 MHz
ZX	H	-3.4	-3.4	-3.9
	V	-16.8	-17.8	-18.2
ZY	H	-19.5	-20.5	-19.6
	V	-3.2	-3.4	-4.4
XY	H	-3.5	-3.6	-4.2
	V	-18.3	-21.9	-19.9