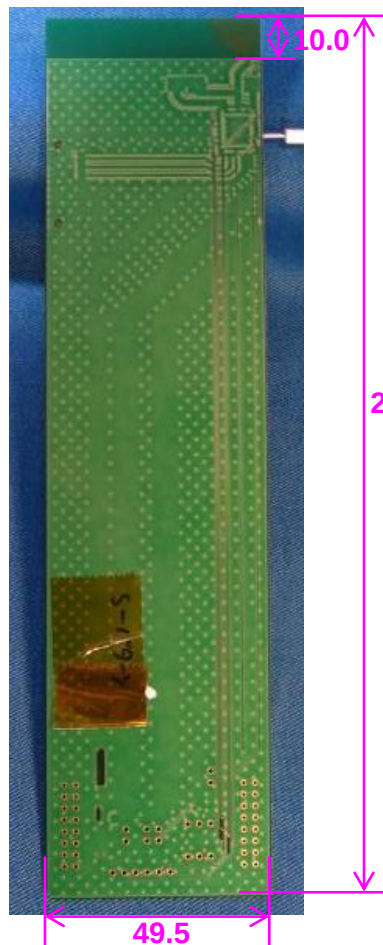


Type2EA_Antenna Antenna Specification

Antenna Model Name		Type2EA_Antenna
Antenna type		Monopole
Antenna Gain	2.4GHz band	2.9dBi@2400-2483.5MHz
	5GHz band	2.9dBi@5150-5850MHz
	6GHz band	2.5dBi@5900-7150MHz

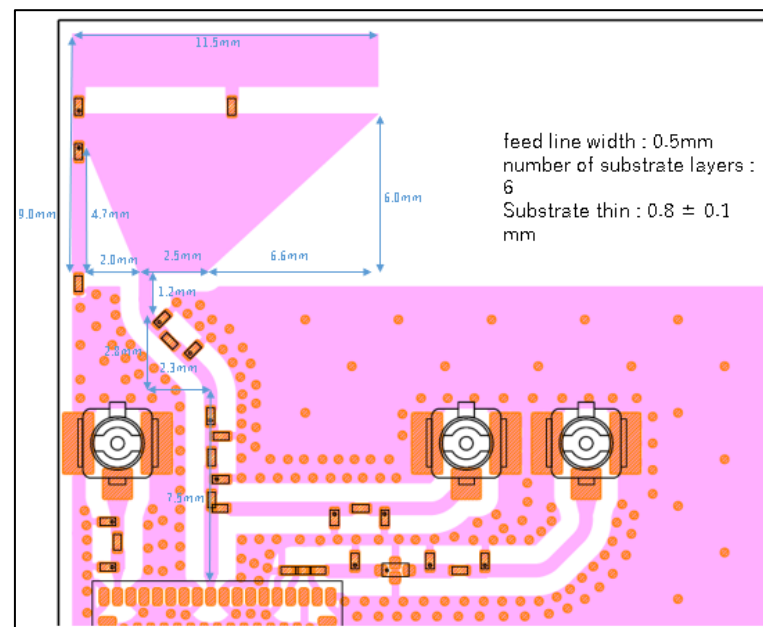
1. Appearance

<DUT>

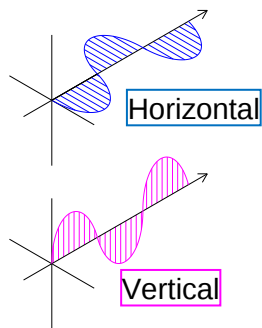


UNIT : mm

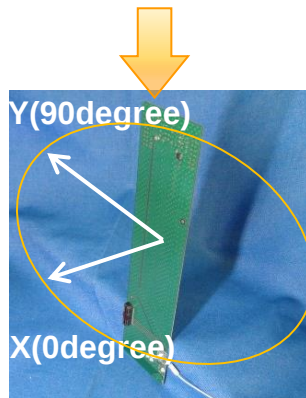
Enlarged view of the antenna



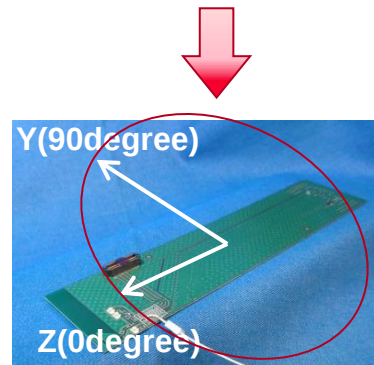
2. Measurement direction



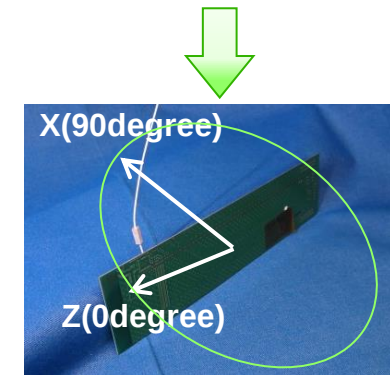
XY plane
View



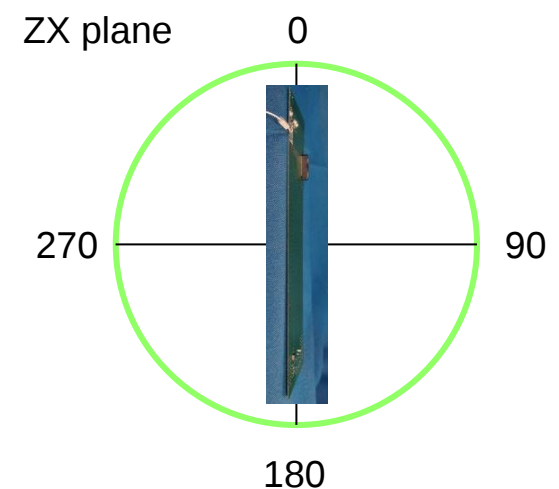
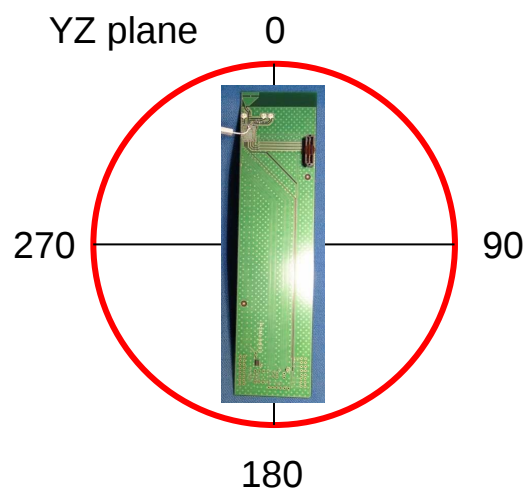
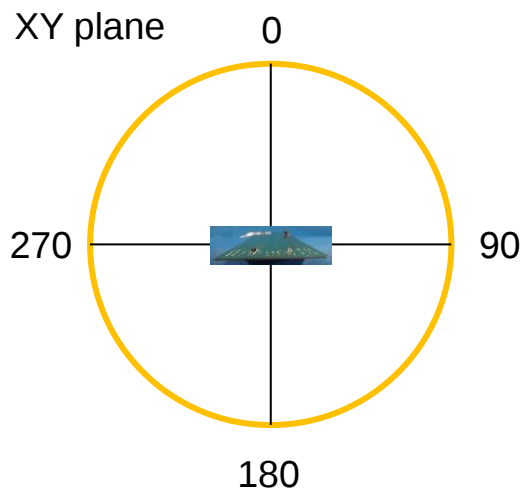
YZ plane
View



ZX plane
View



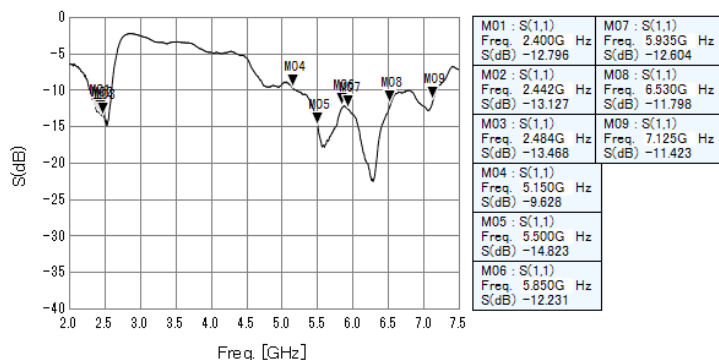
2D Directional indication



3. Measurement result

2GHz,5GHz

<Return Loss>



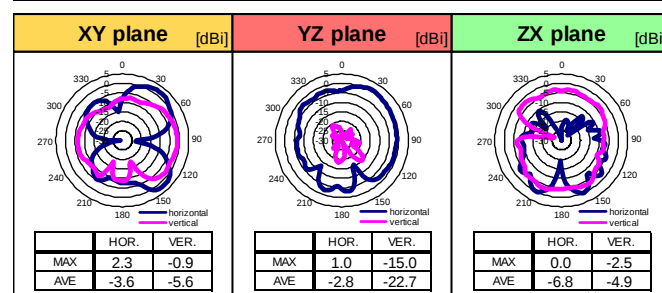
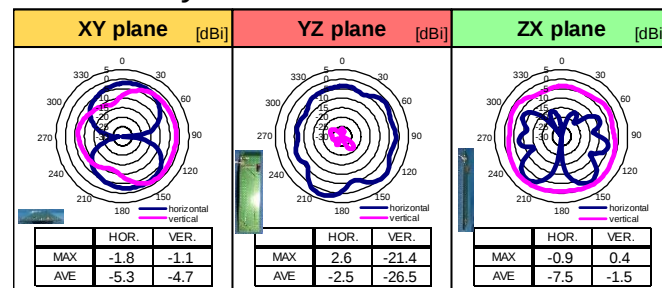
<Efficiency>

*Red color shows peak gain
[dBi] [dB]

LINEAR POLAMIZATION		XY-plane		YZ-plane		ZX-plane		Total Efficiency
		hor.	ver.	hor.	ver.	hor.	ver.	
2400 MHz	MAX.	-1.6	-0.7	2.3	-20.9	-1.0	0.4	-1.4
	AVE.	-5.3	-4.5	-2.5	-26.3	-7.6	-1.5	
2442 MHz	MAX.	-1.8	-1.1	2.6	-21.4	-0.9	0.4	-1.4
	AVE.	-5.3	-4.7	-2.5	-26.5	-7.5	-1.5	
2484 MHz	MAX.	-2.0	-1.4	2.9	-21.4	-0.7	0.3	-1.3
	AVE.	-5.4	-4.6	-2.2	-26.2	-7.0	-1.6	

LINEAR POLAMIZATION		XY-plane		YZ-plane		ZX-plane		Total Efficiency
		hor.	ver.	hor.	ver.	hor.	ver.	
5150 MHz	MAX.	1.4	-0.3	0.5	-17.7	-1.3	-1.3	-2.2
	AVE.	-4.6	-5.5	-3.1	-22.5	-7.6	-4.3	
5500 MHz	MAX.	2.3	-0.9	1.0	-15.0	0.0	-2.5	-1.7
	AVE.	-3.6	-5.6	-2.8	-22.7	-6.8	-4.9	
5850 MHz	MAX.	2.9	-1.9	-0.9	-18.0	0.8	-2.2	-2.1
	AVE.	-3.5	-6.3	-3.8	-24.1	-6.1	-5.7	

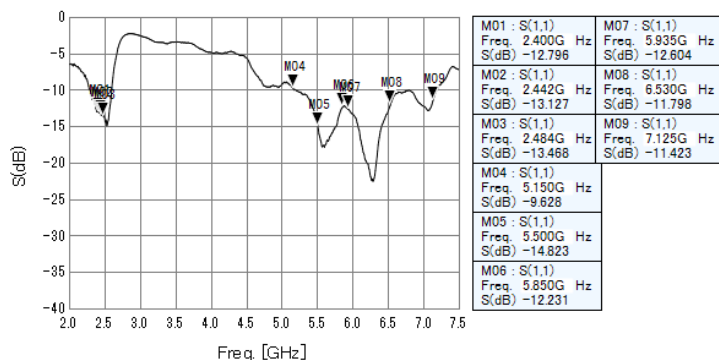
<Directivity>



3 . Measurement result

6GHz

<Return Loss>

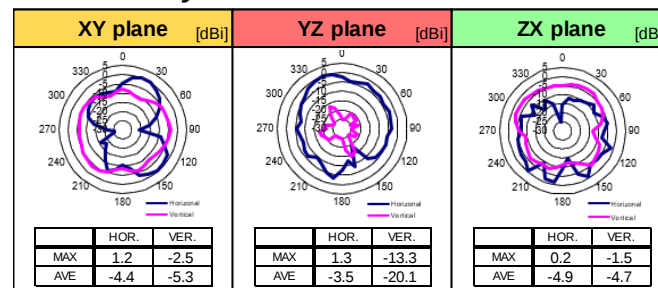


<Efficiency>

*Red color shows peak gain
[dBi] [dB]

LINEAR POLAMIZATION		XY-plane		YZ-plane		ZX-plane		Total Efficiency
		hor.	ver.	hor.	ver.	hor.	ver.	
5935 MHz	MAX.	2.5	-0.9	0.9	-13.5	-0.1	-0.4	-1.9
	AVE.	-2.7	-4.6	-2.7	-20.5	-5.0	-3.8	
6530 MHz	MAX.	1.2	-2.5	1.3	-13.3	0.2	-1.5	-2.5
	AVE.	-4.4	-5.3	-3.5	-20.1	-4.9	-4.7	
7125 MHz	MAX.	0.7	-3.5	0.3	-11.5	0.2	-2.3	-3.5
	AVE.	-5.0	-5.5	-4.4	-19.3	-5.5	-5.4	

<Directivity>



@6530MHz