



SA-7722 PCB ANTENNA TEST REPORT

Date: 2021-10-18

碧擎科技有限公司
Bi Qing Technology Co., Ltd.
桃園市大園區中正東路三段588號

OCT_2021

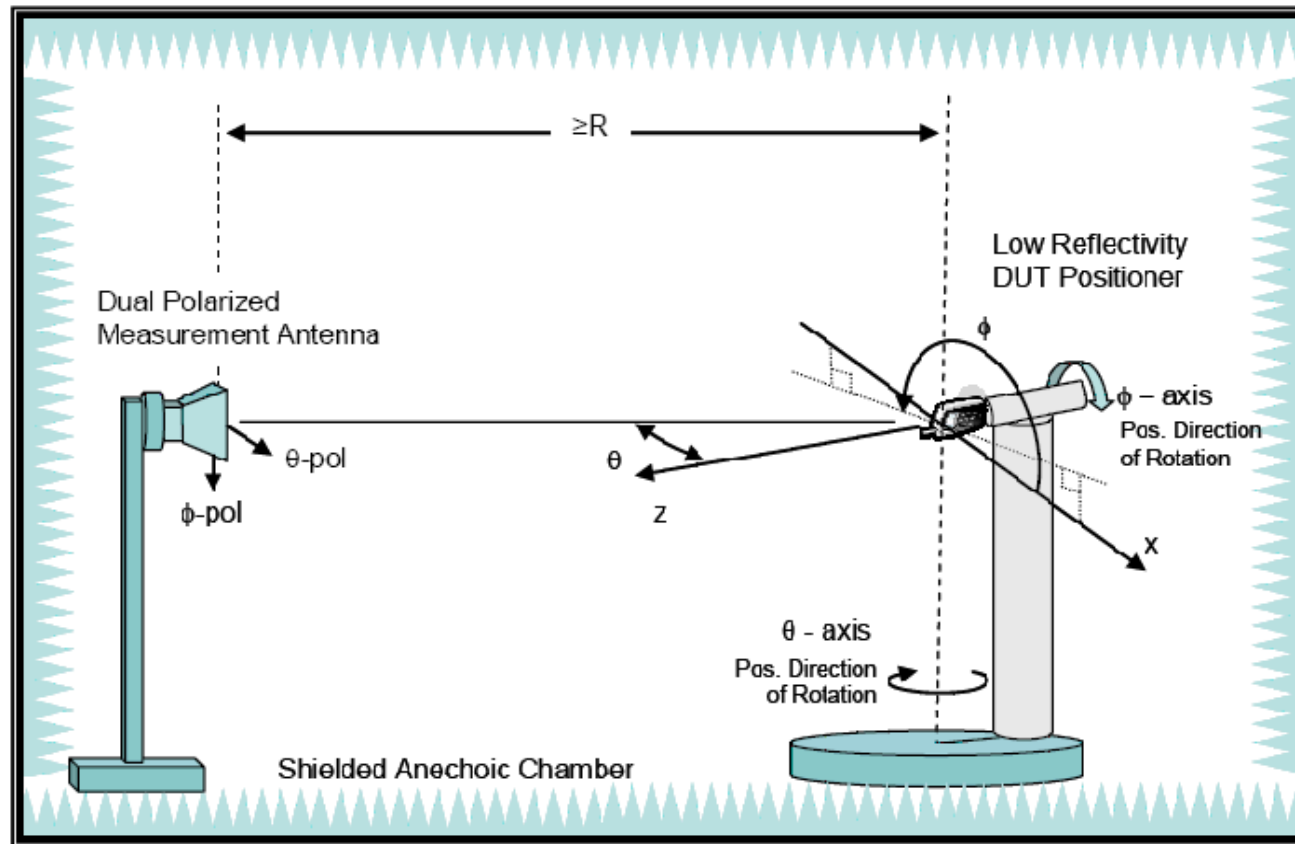
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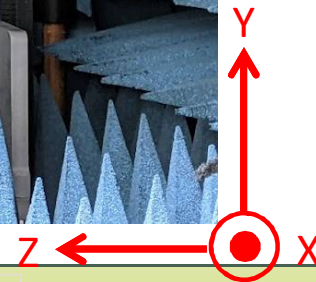
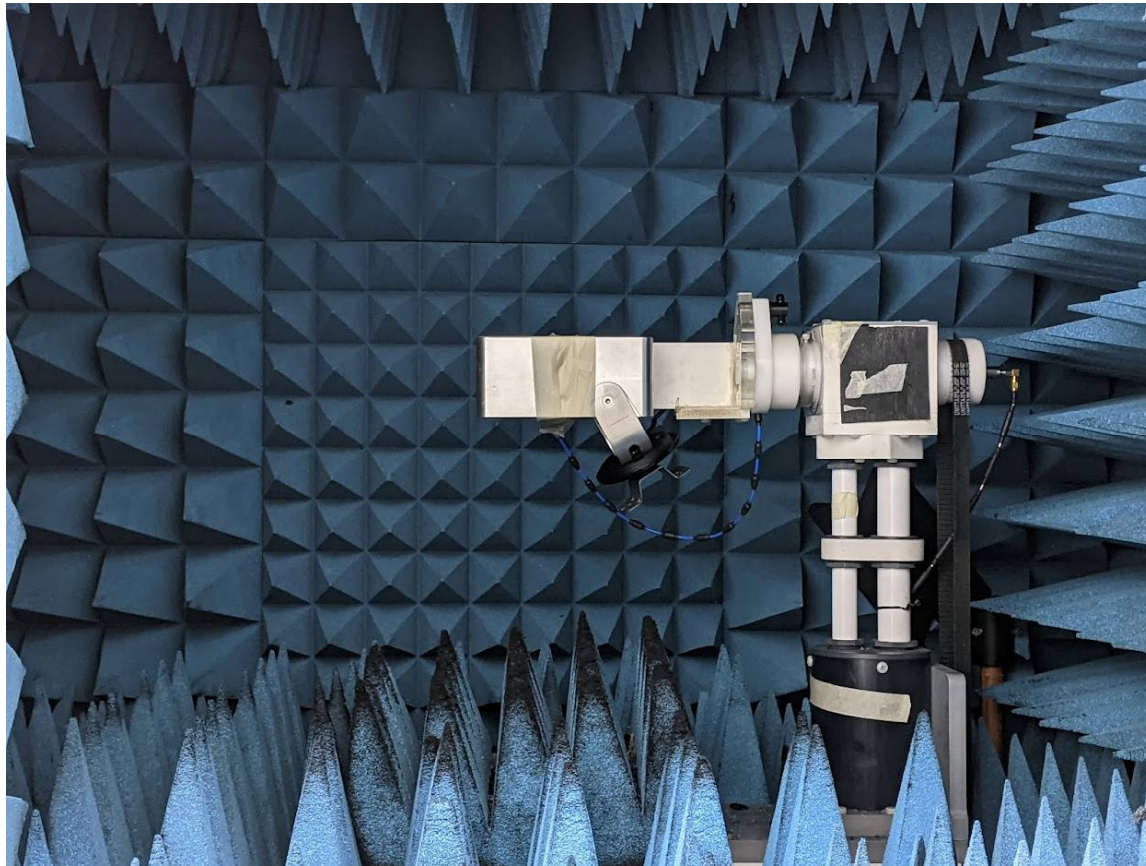
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Antenna Test System



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Antenna Under Test



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ANT S-Parameter



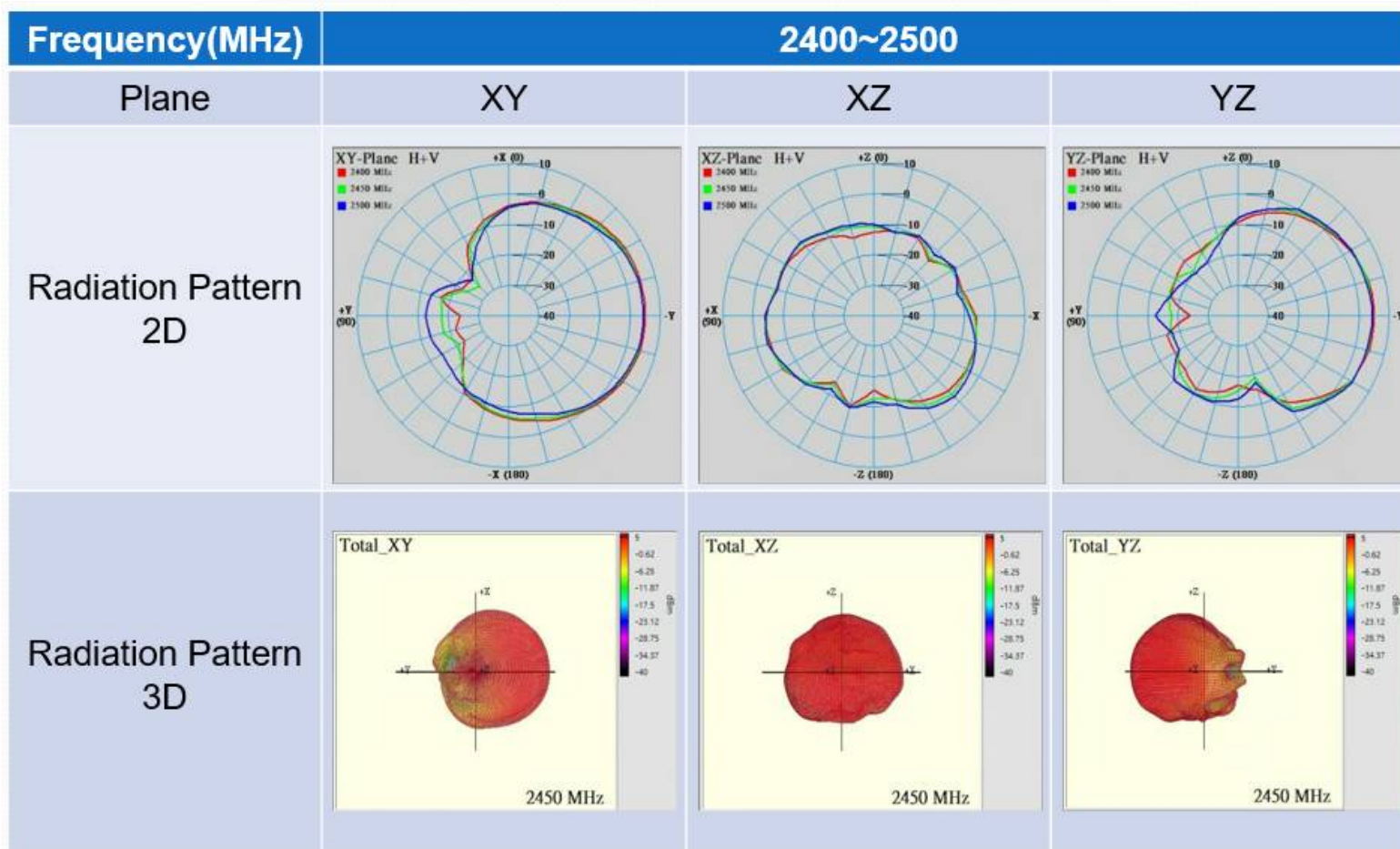
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Gain Table

	Ant.1					
Frequency (MHz)	2400	2450	2500	5150	5550	5825
Peak Gain(dBi)	5.1	4.6	4.4	7.9	7.6	8.1
Efficiency(%)	51	50	51	54	55	51
	Ant.2					
Frequency (MHz)	2400	2450	2500			
Peak Gain(dBi)	4.2	3.8	3.4			
Efficiency(%)	54	51	50			

Ant.1 2.4GHz 2D Radiation Pattern



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Ant.1 5GHz 2D Radiation Pattern



Frequency(MHz)	5150~5825		
Plane	XY	XZ	YZ
Radiation Pattern 2D			
Radiation Pattern 3D	<p>5550 MHz</p>	<p>5550 MHz</p>	<p>5550 MHz</p>

Ant.2 2.4GHz 2D Radiation Pattern



Frequency(MHz)	2400~2500		
Plane	XY	XZ	YZ
Radiation Pattern 2D			
Radiation Pattern 3D	<p>2450 MHz</p>	<p>2450 MHz</p>	<p>2450 MHz</p>