

Antenna specification

Index:

1. Overview
2. Revision History
3. Test Item & Equipment
4. Matching Circuit
5. S Parameter Test
6. Active Test
7. Conducted Emission Test
8. Environmental Processing

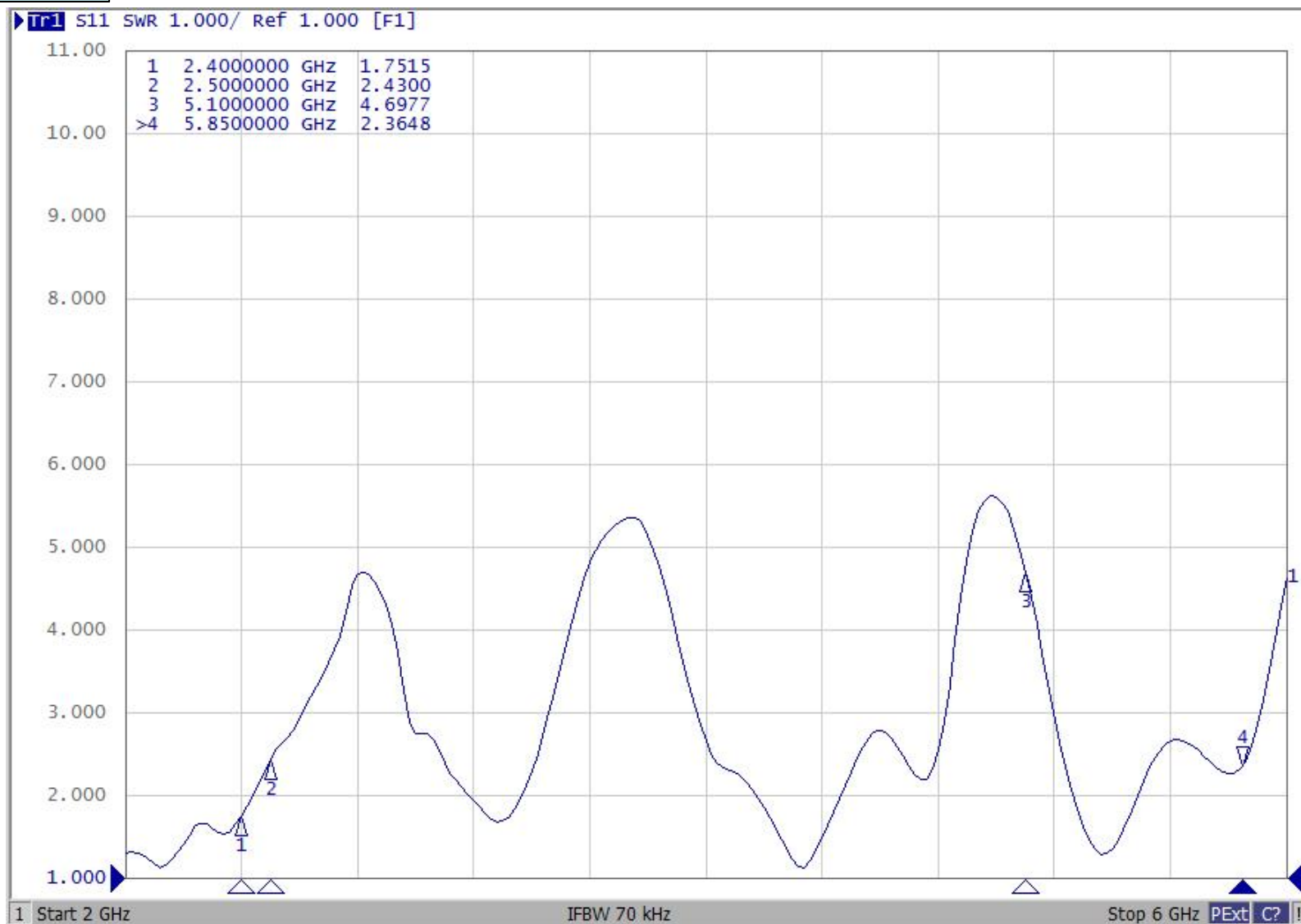
Project Name: ZG29A

Update: 2024-03-21

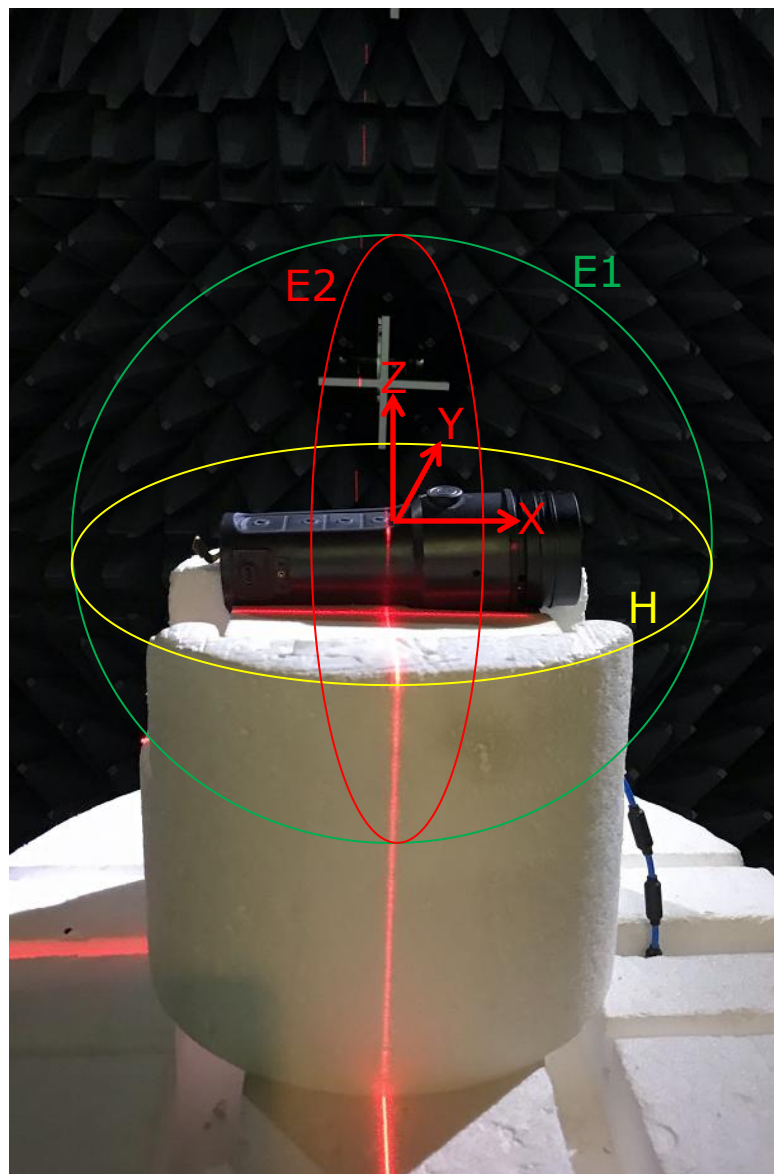
OverView

CUSTOMER NAME	Guide	PROJECT NAME	ZG29A
Items		Details	
• FREQUENCY		WIFI: 2400MHz-2500MHz; 5100Mhz-5850Mhz	
• PROJECT TYPE			
• ANTENNA SPACE			
• FEED & GROUND PAD			
• SENSITIVE ELEMENTS			
• ANTENNA TYPE			
• PCB			
• OTHERS			

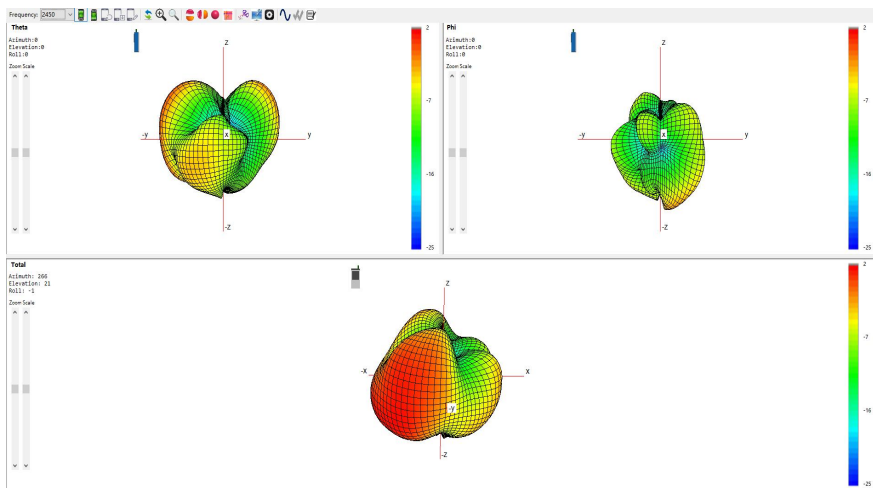
VSWR



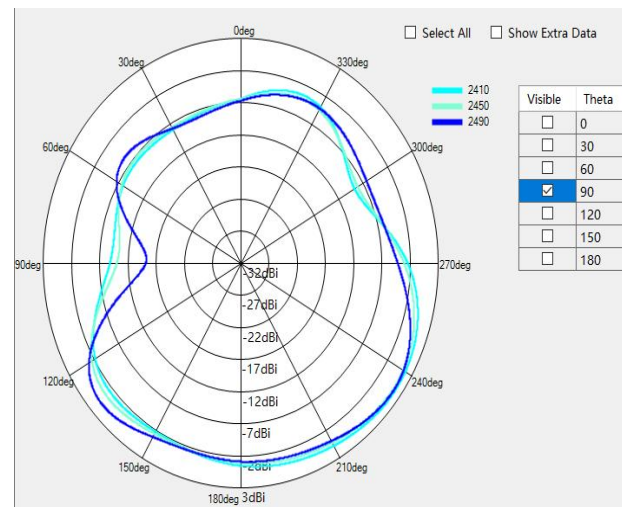
Freq (MHz)	Gain	Efficiency (%)	Freq (MHz)	Gain	Efficiency (%)
2400	2.05	49.77	5250	2.45	38.32
2410	1.93	47.88	5300	2.95	40.09
2420	1.73	46.3	5350	3.16	42.8
2430	1.59	44.77	5400	3.07	43.29
2440	1.48	44.36	5450	2.68	43.98
2450	1.48	44.09	5500	1.83	41.54
2460	1.44	43.37	5550	1.48	40.08
2470	1.49	44.05	5600	1.45	41.05
2480	1.48	44.35	5650	1.45	41.1
2490	1.43	44.06	5700	2.21	42.02
2500	1.38	43.15	5750	1.95	41.94
5100	0.21	24.38	5800	2.32	41.69
5150	0.78	27.79	5850	3.2	41.89
5200	1.72	34.3	5900	3.35	36.55



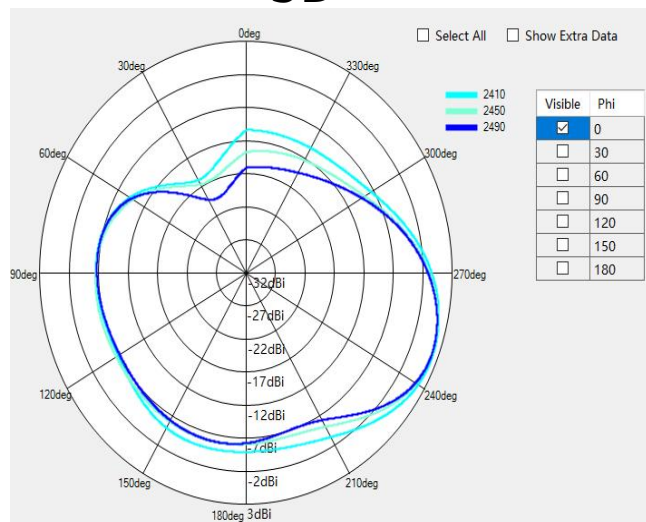
@2450MHz



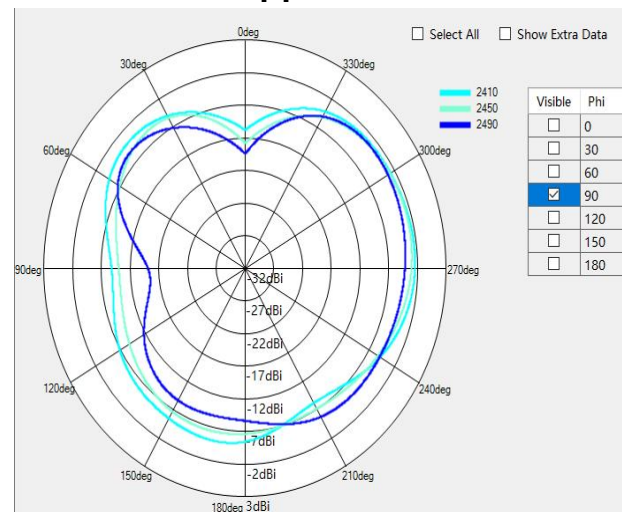
3D



H

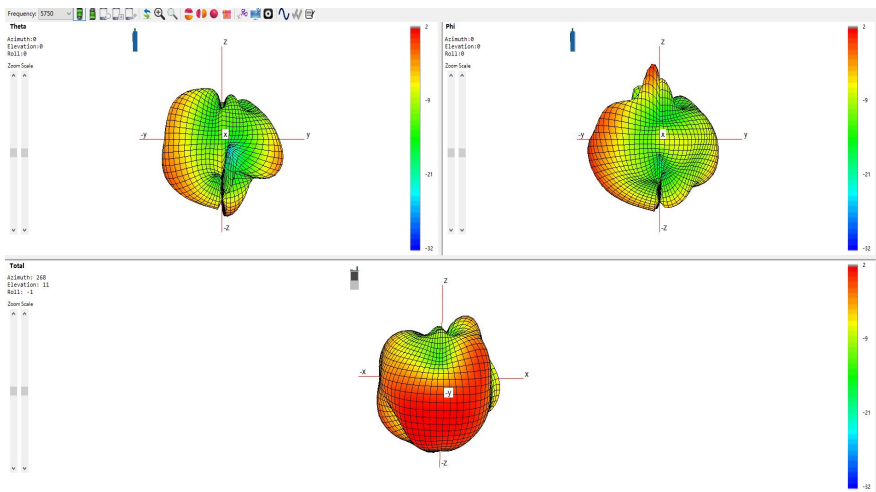


E1

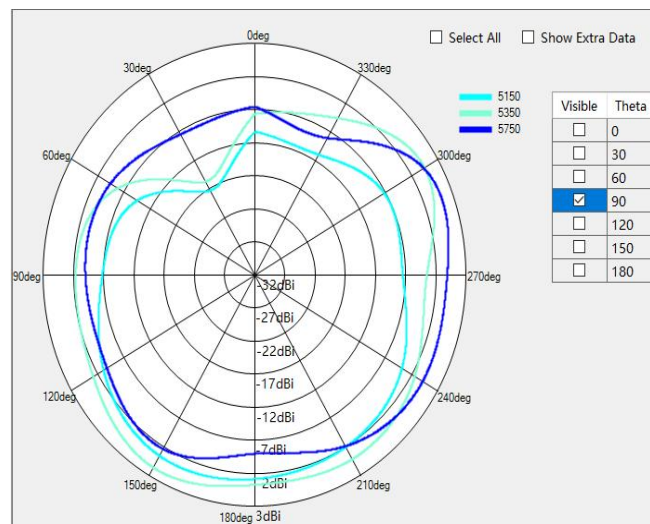


E2

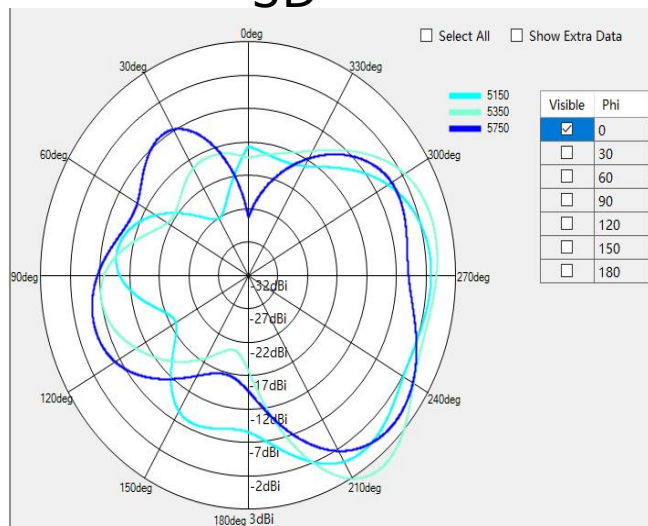
@5750MHz



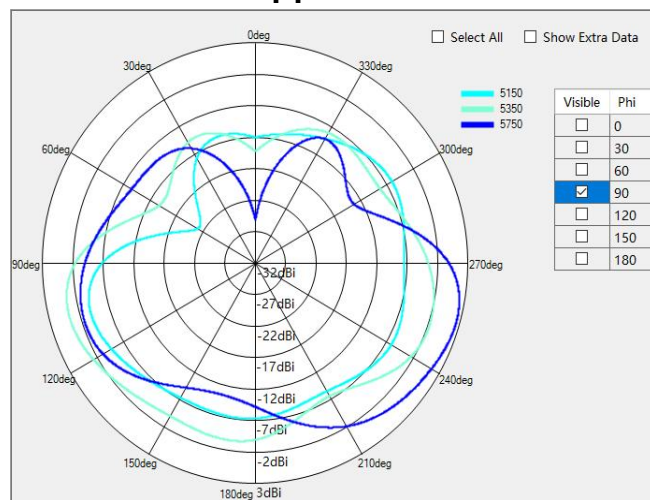
3D



H



E1



E2