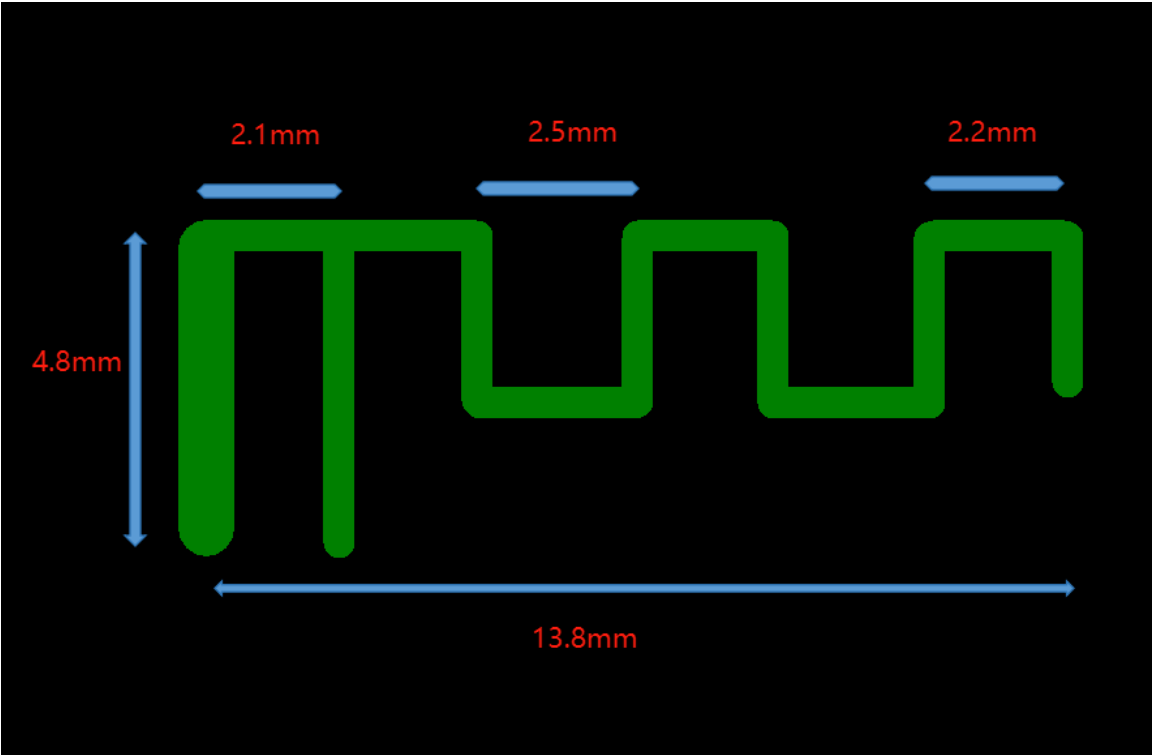


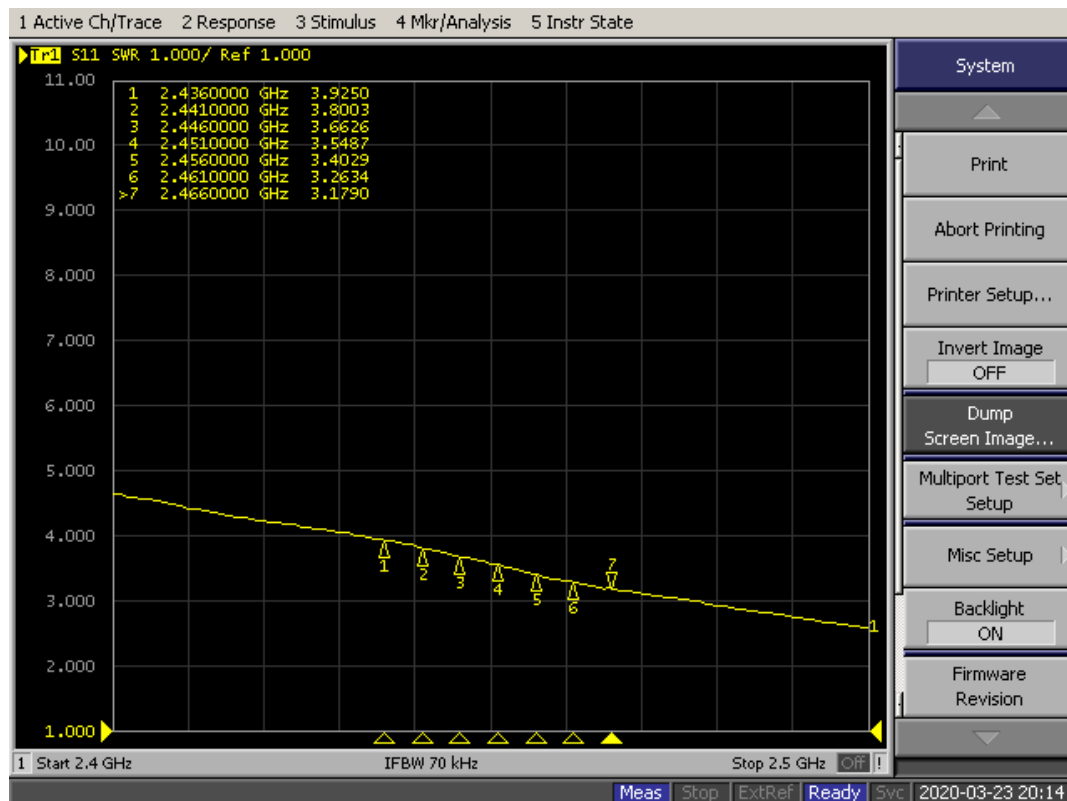
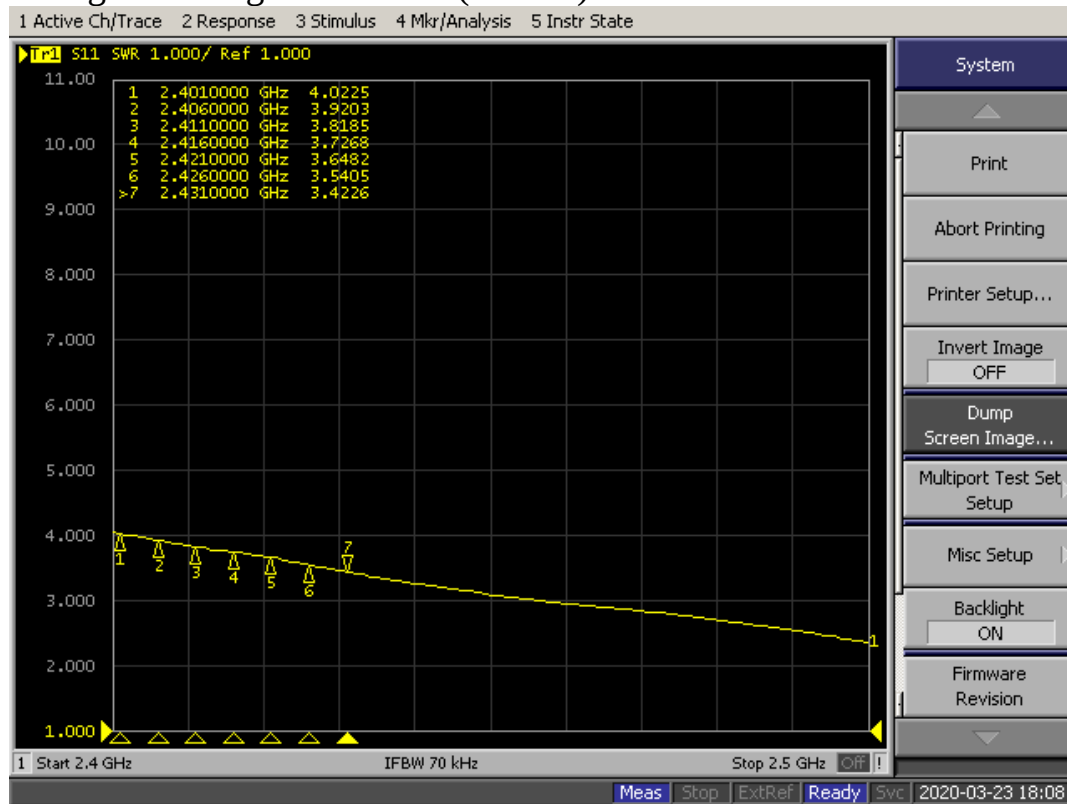
2.4G-2.48G PCB Antenna Test Report

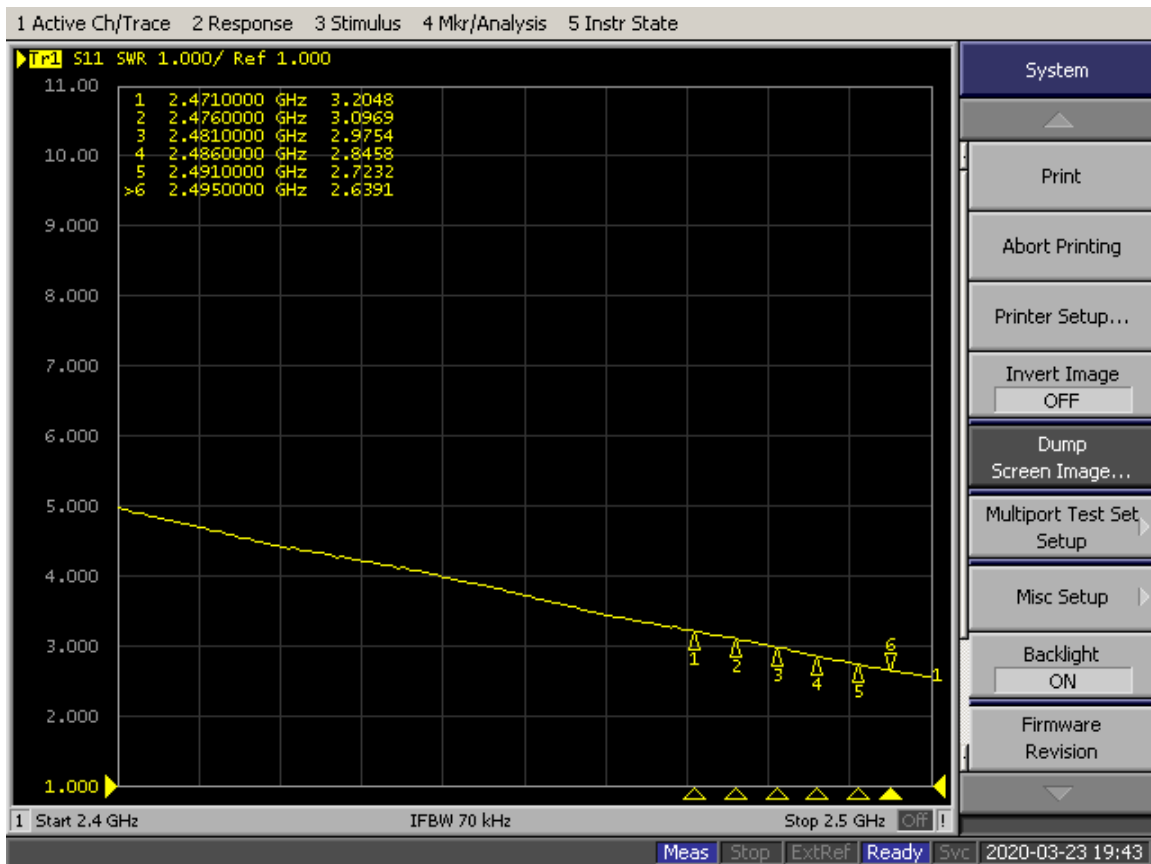
SPECIFICATIONS	
Frequency (MHz)	2400-2480
Peak Gain (dBi)	3.37
Impedance (Ω)	50Ω
Antenna Type	Microtrip IFLA
Polarization	Linear
Manufacturer	SHANGHAI MOUNTAIN VIEW SILICON CO LTD

Antenna Size



Voltage Standing Wave Ratio (VSWR)

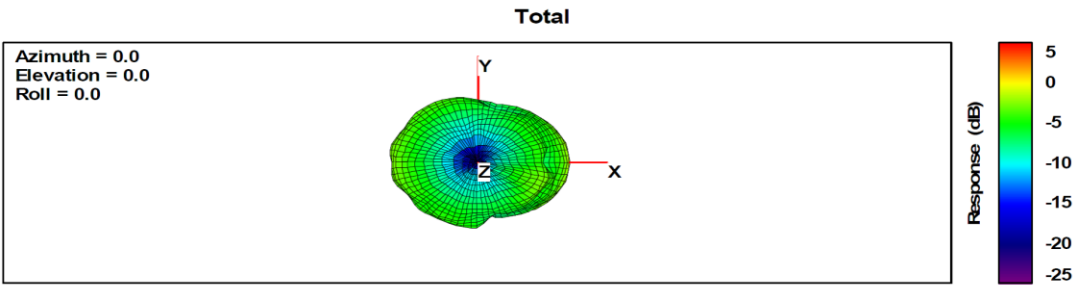




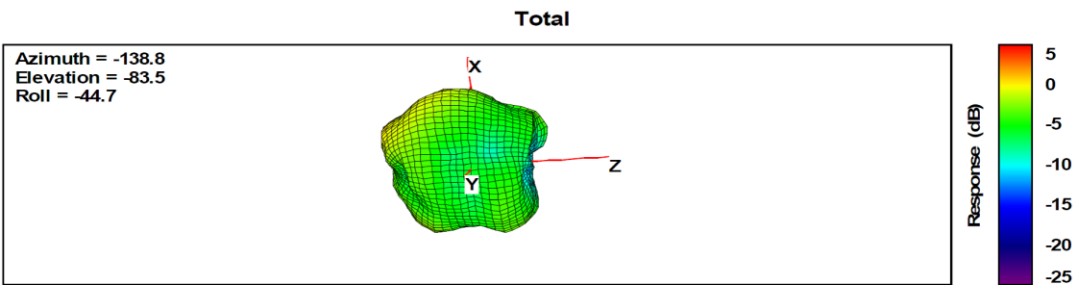
Gain and Efficiency

Model	Test State	Frequency (MHz)	Efficiency (%)	Gain (dBi)
AT2	Free Space	2401	39.87	1.43
		2406	40.98	1.69
		2411	41.35	1.78
		2416	42.43	2.14
		2421	42.54	2.16
		2426	41.89	1.94
		2431	42.50	1.94
		2436	43.93	1.99
		2441	45.87	2.06
		2446	47.27	2.24
		2451	49.32	2.42
		2456	51.01	2.45
		2461	52.80	2.82
		2466	54.05	3.01
		2471	54.79	2.92
		2476	56.10	3.22
		2481	57.36	3.11
		2486	58.61	3.22
		2491	59.78	3.37
		2495	59.74	3.27

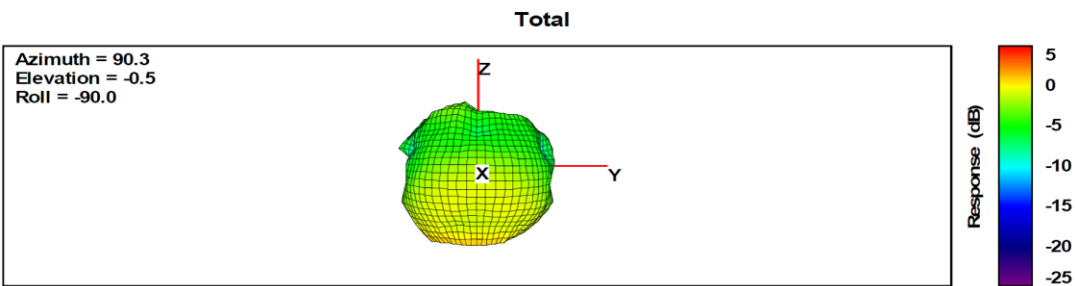
3D Pattern



Horizontal Y-X



Horizontal X-Z



Horizontal Z-Y