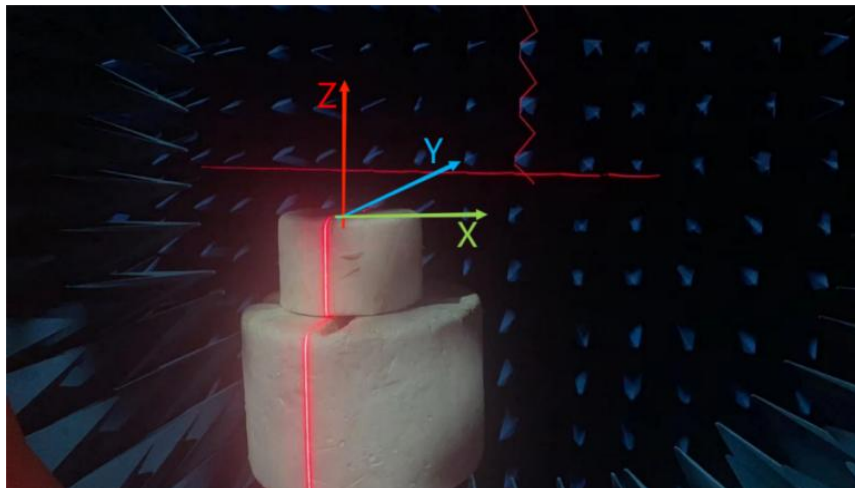
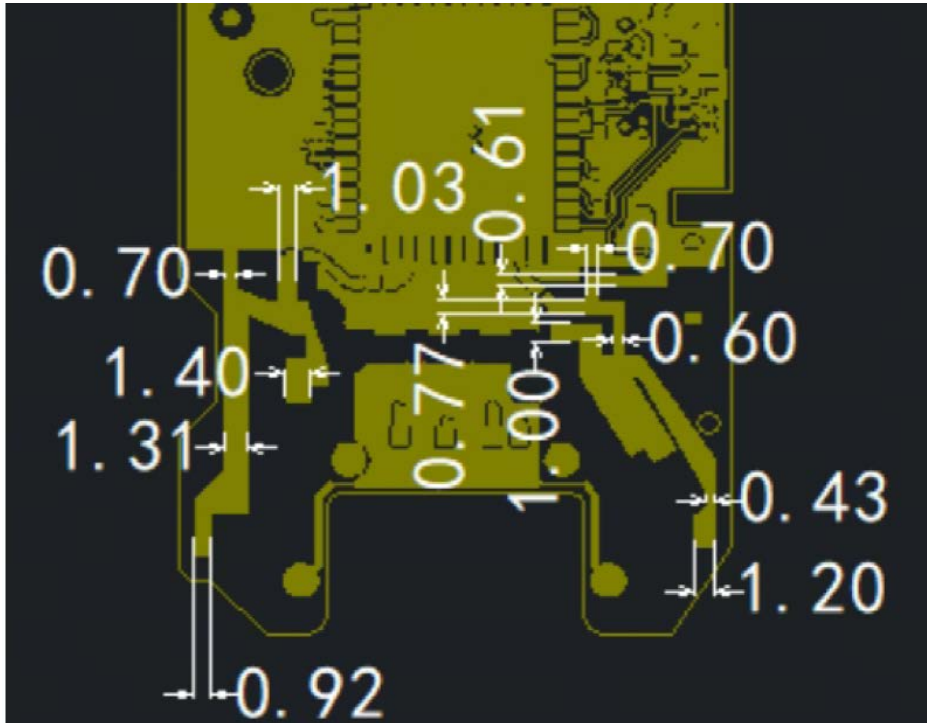


SEI900CPR Antenna Specifications

1. Antenna Dimension



2. Antenna Gain and Efficiency

Main Antenna

Gain&Efficiency&PhaseCenter 增益、效率和相位中心						
Frequency 频率(MHz)	Gain 增益(dBi)	MinGain 最小增益 (dBi)	CO Gain 主极化最 大增益 (dBi)	CP Gain 交叉极化 最大增益 (dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
2400.00	2.07	-30.77	1.57	-1.11	-3.88	40.94
2410.00	1.97	-28.36	1.41	-1.04	-4.07	39.17
2420.00	1.95	-23.87	1.37	-0.74	-3.91	40.64
2430.00	1.77	-23.71	1.16	-0.70	-4.08	39.05
2440.00	1.97	-23.13	1.42	-0.23	-3.93	40.50
2450.00	2.21	-25.54	1.59	0.28	-3.68	42.86
2460.00	1.83	-27.50	1.29	0.16	-4.01	39.69
2470.00	2.04	-31.73	1.43	0.47	-3.65	43.18
2480.00	2.21	-38.37	1.64	0.77	-3.50	44.64
2490.00	1.90	-33.17	1.28	0.51	-3.60	43.65
2500.00	1.54	-27.06	0.98	0.17	-3.82	41.47
Gain&Efficiency&PhaseCenter 增益、效率和相位中心						
Frequency 频率(MHz)	Gain 增益(dBi)	MinGain 最小增益 (dBi)	CO Gain 主极化最 大增益 (dBi)	CP Gain 交叉极化 最大增益 (dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
5150.00	-0.98	-37.84	-2.17	-2.22	-5.21	30.12
5200.00	-0.37	-38.02	-1.57	-1.78	-4.67	34.10
5250.00	0.74	-35.33	-0.47	-1.38	-4.03	39.56
5300.00	0.99	-31.82	-0.39	-1.15	-4.28	37.34
5350.00	1.36	-39.33	-0.20	-0.30	-4.00	39.77
5400.00	1.87	-26.77	0.41	0.09	-3.77	41.97
5450.00	2.70	-22.94	1.38	0.15	-3.57	43.95
5500.00	3.41	-22.03	1.96	0.44	-3.48	44.83
5550.00	3.42	-23.20	2.19	-0.11	-3.81	41.63
5600.00	3.75	-31.61	2.55	-0.50	-4.10	38.90
5650.00	4.74	-29.36	3.52	0.74	-3.61	43.52
5700.00	5.01	-29.39	3.70	1.40	-3.77	41.99

5750.00	5.59	-26.89	4.39	2.36	-3.86	41.08
5800.00	5.68	-26.29	4.59	2.96	-3.99	39.87
5850.00	5.58	-24.25	4.70	3.06	-4.44	35.98

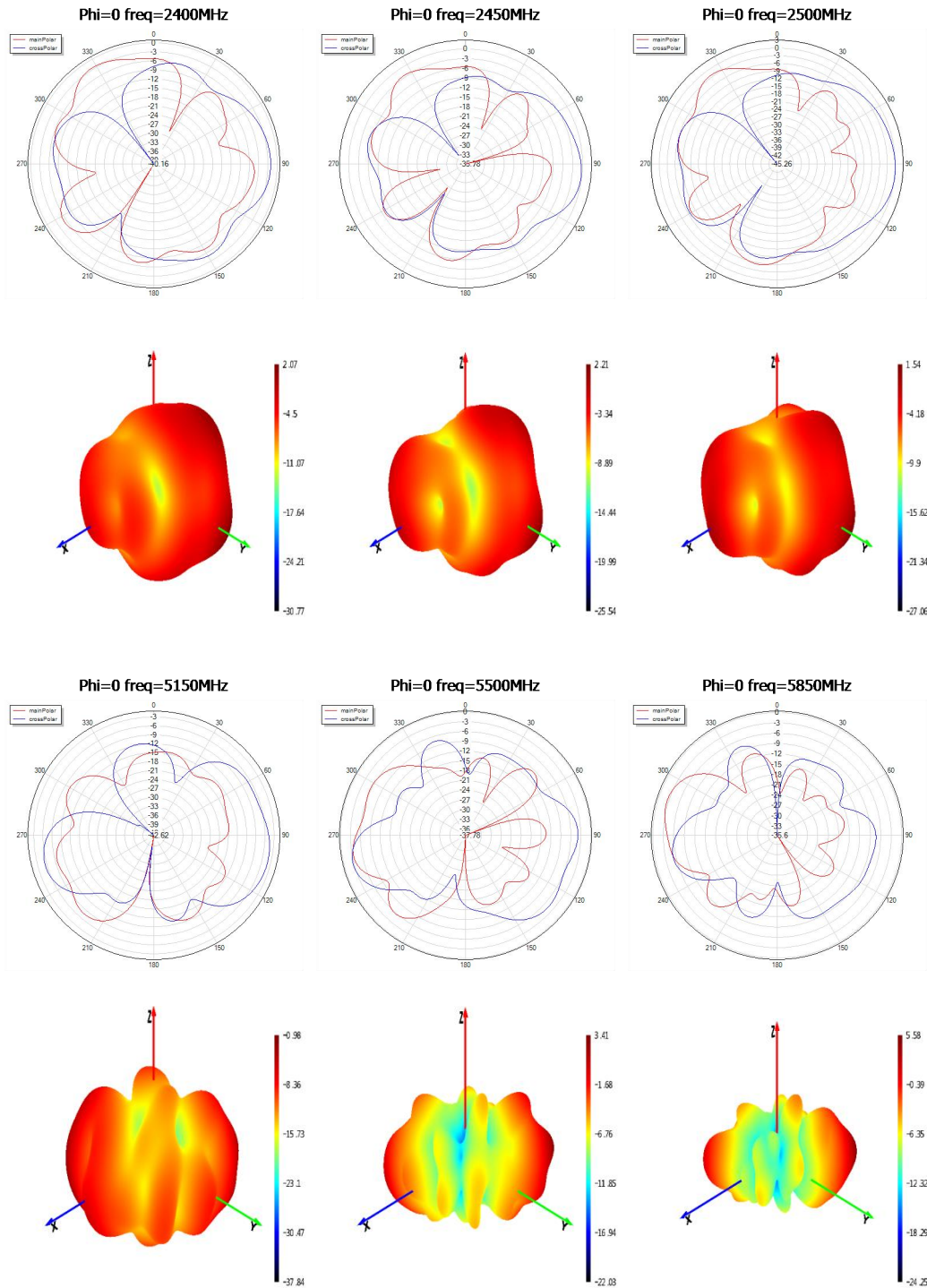
Auxiliary Antenna

Gain&Efficiency&PhaseCenter 增益、效率和相位中心						
Frequency 频率(MHz)	Gain 增益(dBi)	MinGain 最小增益 (dBi)	CO Gain 主极化最 大增益 (dBi)	CP Gain 交叉极化 最大增益 (dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
2400.00	2.06	-26.23	1.70	1.02	-4.67	34.15
2410.00	1.83	-31.49	1.48	0.71	-4.95	31.98
2420.00	2.65	-34.26	2.30	1.15	-4.41	36.18
2430.00	1.98	-36.87	1.65	0.60	-4.77	33.34
2440.00	2.68	-29.03	2.37	1.04	-4.44	35.93
2450.00	2.94	-27.74	2.67	1.49	-4.08	39.05
2460.00	2.54	-26.38	2.26	1.12	-4.61	34.62
2470.00	2.97	-28.27	2.74	1.67	-3.92	40.55
2480.00	3.18	-27.58	2.97	2.07	-3.76	42.07
2490.00	3.22	-27.52	3.05	2.13	-3.64	43.29
2500.00	2.86	-26.40	2.69	1.83	-3.68	42.81
Gain&Efficiency&PhaseCenter 增益、效率和相位中心						
Frequency 频率(MHz)	Gain 增益(dBi)	MinGain 最小增益 (dBi)	CO Gain 主极化最 大增益 (dBi)	CP Gain 交叉极化 最大增益 (dBi)	Efficiency 效率(dB)	Efficiency 效率(%)
5150.00	-0.48	-22.61	-1.35	-2.53	-5.59	27.63
5200.00	-0.05	-21.16	-0.95	-1.81	-5.24	29.93
5250.00	0.28	-23.47	-0.54	-1.48	-4.96	31.92
5300.00	0.03	-22.69	-0.76	-1.36	-5.11	30.81
5350.00	0.57	-26.48	-0.07	-0.17	-4.50	35.50
5400.00	0.90	-25.13	0.46	0.03	-4.23	37.73
5450.00	1.34	-20.55	0.76	0.10	-4.27	37.39
5500.00	1.12	-30.02	0.73	-0.45	-4.55	35.06
5550.00	0.54	-28.33	0.11	-1.38	-5.00	31.60

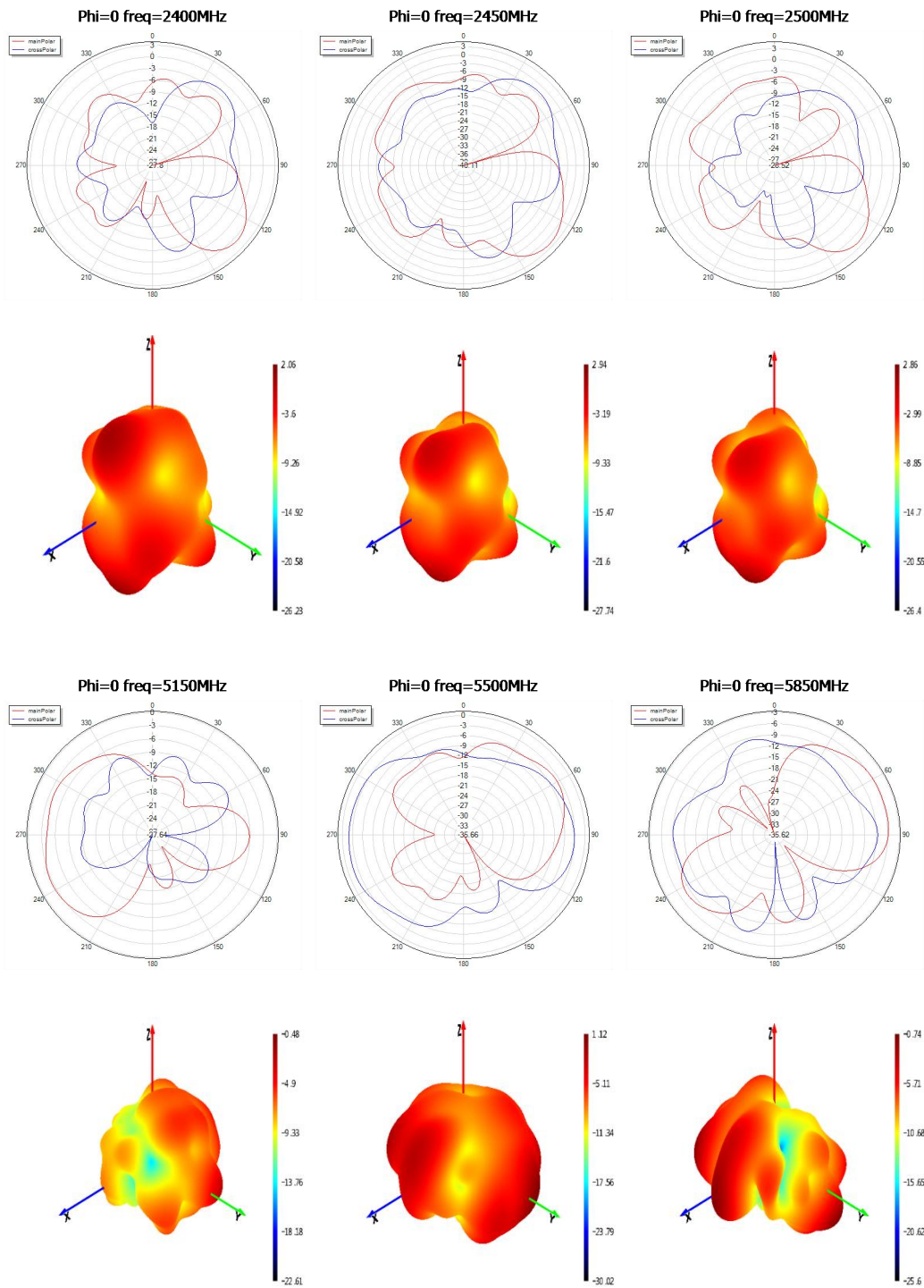
5600.00	0.29	-24.03	-0.40	-2.32	-5.52	28.08
5650.00	0.49	-24.29	-0.56	-2.92	-5.66	27.14
5700.00	-0.13	-26.84	-1.46	-3.78	-6.23	23.80
5750.00	0.79	-29.95	-0.78	-2.74	-5.94	25.46
5800.00	0.95	-28.68	-1.10	-2.27	-5.91	25.66
5850.00	-0.74	-25.60	-2.88	-3.50	-6.82	20.80

3. Radiation Pattern 2D/3D

Main Antenna



Auxiliary Antenna



4. Active Parameter

Test	Wifi 2G TRP				Test	Wifi 2G TIS		
CH	1	6	13		CH	1	6	13
Frequency (MHz)	2412	2437	2472		Frequency (MHz)	2412	2437	2472
TRP(dBm)	20.49	21.55	22.51		TIS(dBm)	-75.85	-77.07	-76.95

Test mode: 802.11a 54Mbps BW 20M

Test	Wifi 5G TRP				Test	Wifi 5G TIS		
CH	36	100	165		CH	36	100	165
Frequency (MHz)	5180	5500	5825		Frequency (MHz)	5180	5500	5825
TRP(dBm)	17.53	18.46	16.59		TIS(dBm)	-71.69	-72.48	-73.22