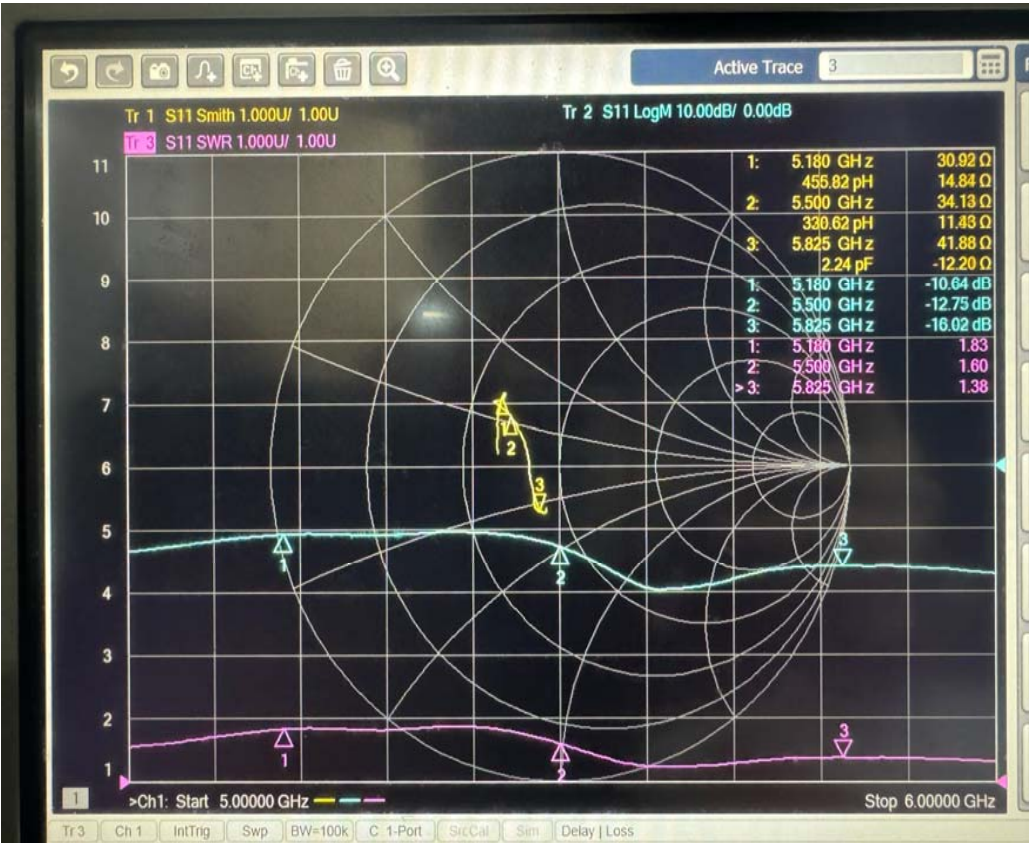


RF Simulation Introduction | SUB Antenna (WIRELESS 5GHz) Test Data

- The data of VSWR about MEA.
- The data of Return loss about MEA

Wireless模组天线S11和VSWR



- 1.S11 <-10dB
- 2.VSWR<2

Ant1 (BT 2.4GHz)	Spec.	Frequency [MHz]		
		5180	5500	5825
RL	-	-10.64	-12.75	-16.02
VSWR	-	1.83	1.60	1.38



RF Simulation Introduction | SUB Antenna (WIRELESS 5GHz) Test Data

➤ The data of Efficiency and Gain about MEA.

Wireless模组天线无源效率和增益

L			
Frequen cy	Directivi ty	Efficienc y	Gain
5000	8.49	-7.24	1.25
5050	8.44	-7.37	1.07
5100	7.58	-7	0.59
5150	7.27	-7.28	-0.01
5200	7.64	-6.78	0.85
5250	7.63	-6.57	1.06
5300	7.51	-6.16	1.36
5350	7.13	-6.12	1.01
5400	6.87	-5.77	1.1
5450	7.29	-5.75	1.55
5500	8.18	-5.78	2.4
5550	9.02	-6.24	2.78
5600	9.12	-6.59	2.53
5650	8.57	-6.75	1.81
5700	8.54	-6.99	1.55
5750	8.75	-6.91	1.84
5800	8.63	-7.26	1.37
5850	8.32	-7.83	0.49
5900	7.95	-8.61	-0.66
5950	8.18	-8.73	-0.54
6000	8.16	-9.03	-0.87

R			
Frequen cy	Directivi ty	Efficienc y	Gain
5000	7.7	-7.23	0.47
5050	8.44	-7.46	0.98
5100	8.57	-6.99	1.58
5150	8.85	-7.01	1.84
5200	8.59	-6.36	2.23
5250	7.83	-5.88	1.96
5300	7.33	-5.39	1.94
5350	7.54	-5.52	2.02
5400	7.55	-5.38	2.16
5450	7.63	-5.4	2.24
5500	8.02	-5.44	2.58
5550	8.8	-5.83	2.97
5600	9.23	-6.01	3.22
5650	9.99	-6.34	3.65
5700	10.4	-6.67	3.73
5750	10.09	-6.68	3.41
5800	10.13	-6.96	3.17
5850	9.3	-7.4	1.89
5900	8.29	-7.86	0.43
5950	8.09	-7.66	0.43
6000	7.69	-7.78	-0.08

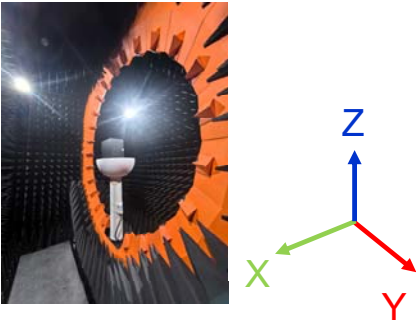
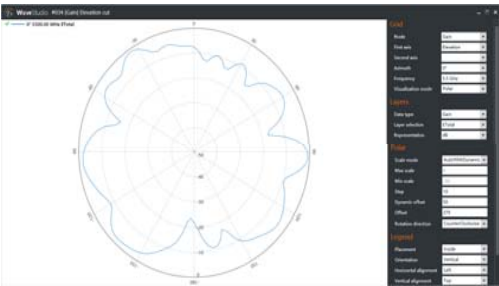
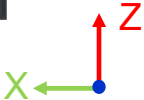
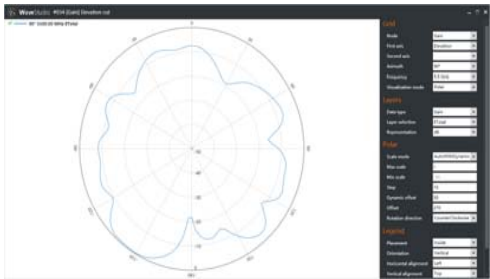
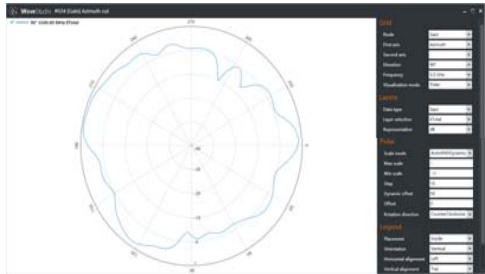
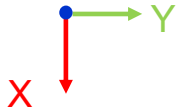
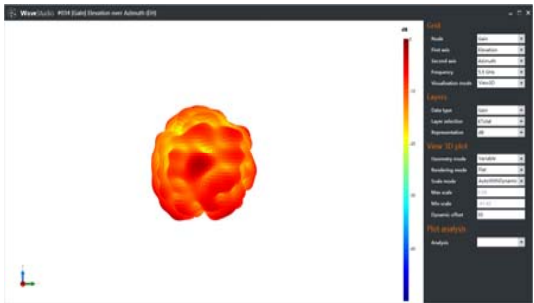


RF Simulation Introduction | Antenna (WIRELESS 5GHz) Test Data

➤ The data of Radiation pattern-3D about MEA.

左环绕

Wireless模组天线无源2D&3D场型图



RF Simulation Introduction | Antenna (WIRELESS 5GHz) Test Data

➤ The data of Radiation pattern-3D about MEA.

右环绕

Wireless模组天线无源2D&3D场型图

