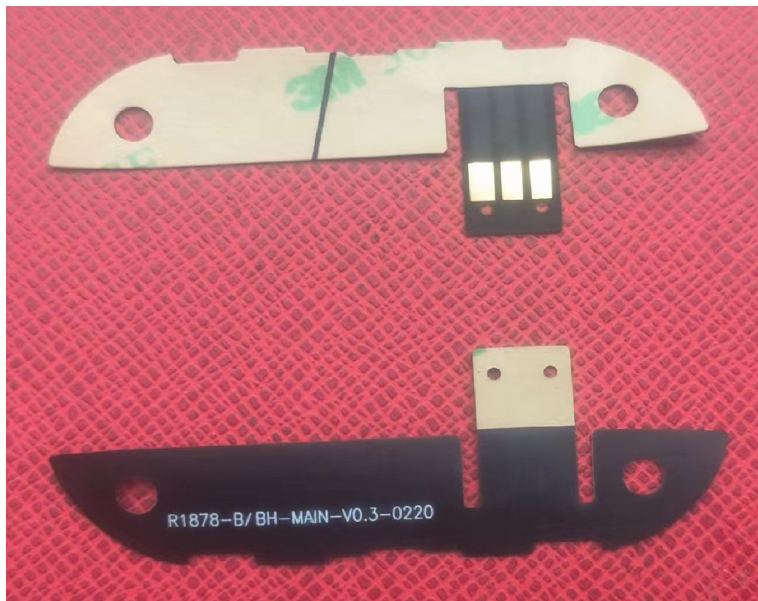


天线型号(Antenna type): FPC antenna

天线制造商(Antenna manufacturer): 永辅通科技（上海）有限公司
Futen technology (ShangHai) CO.,LTD
Room 203, Building 1, No. 3408 Xiupu Road, Pudong New Area, Shanghai

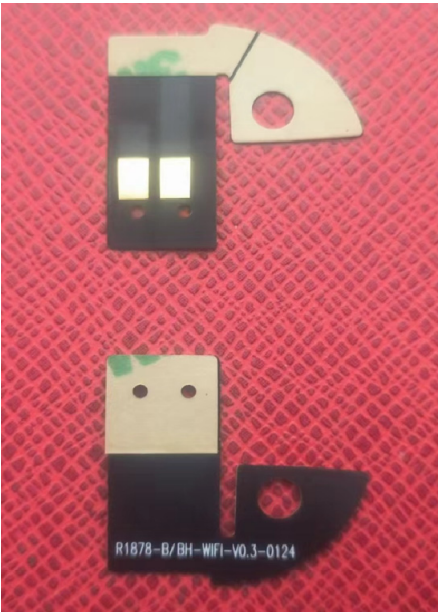
天线照片(Antenna picture):
主天线 Main ant



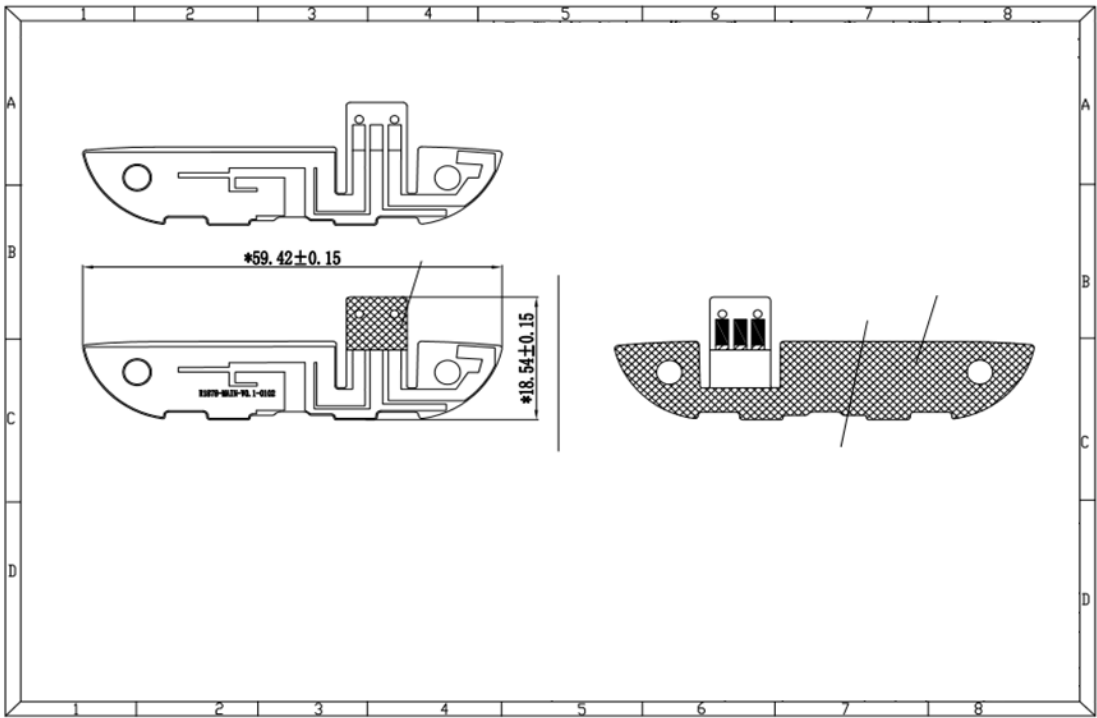
分集天线 DIV ant



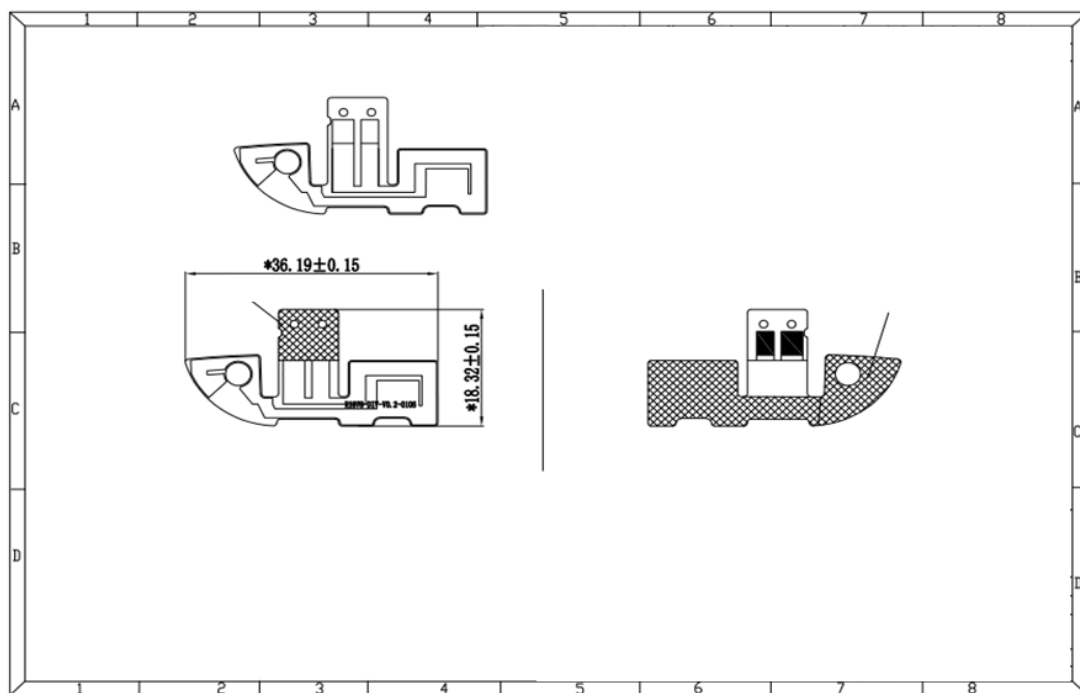
WIFI ant



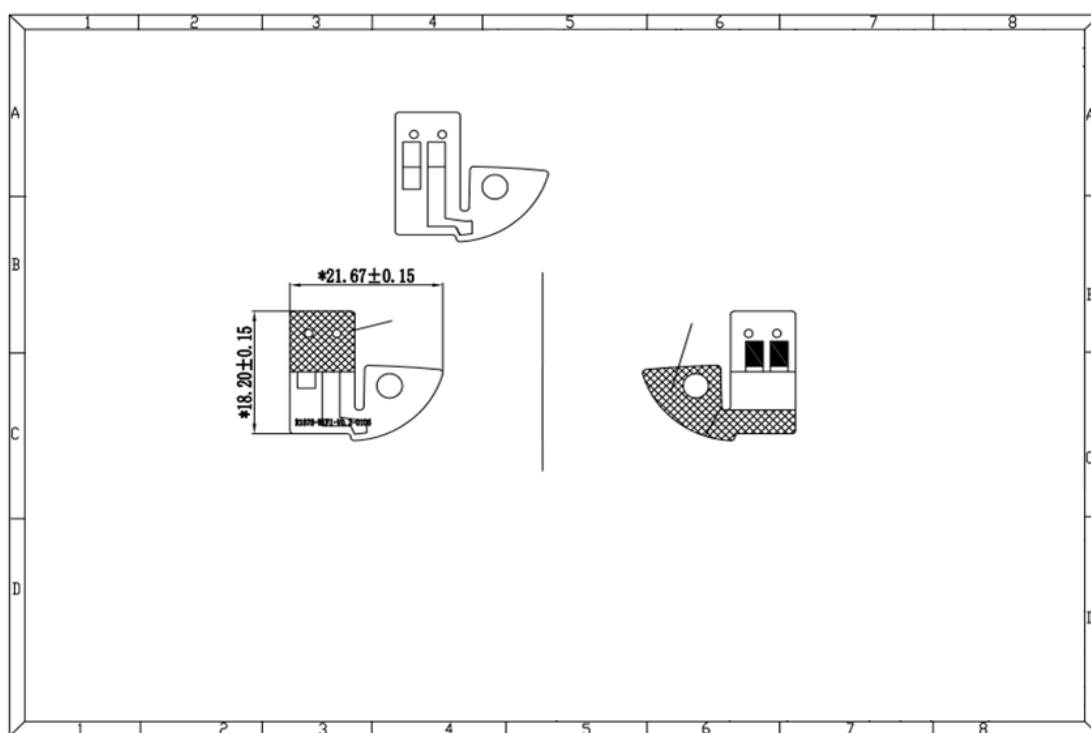
天线尺寸图(Antenna size diagram):



主天线尺寸图
Main antenna size diagram

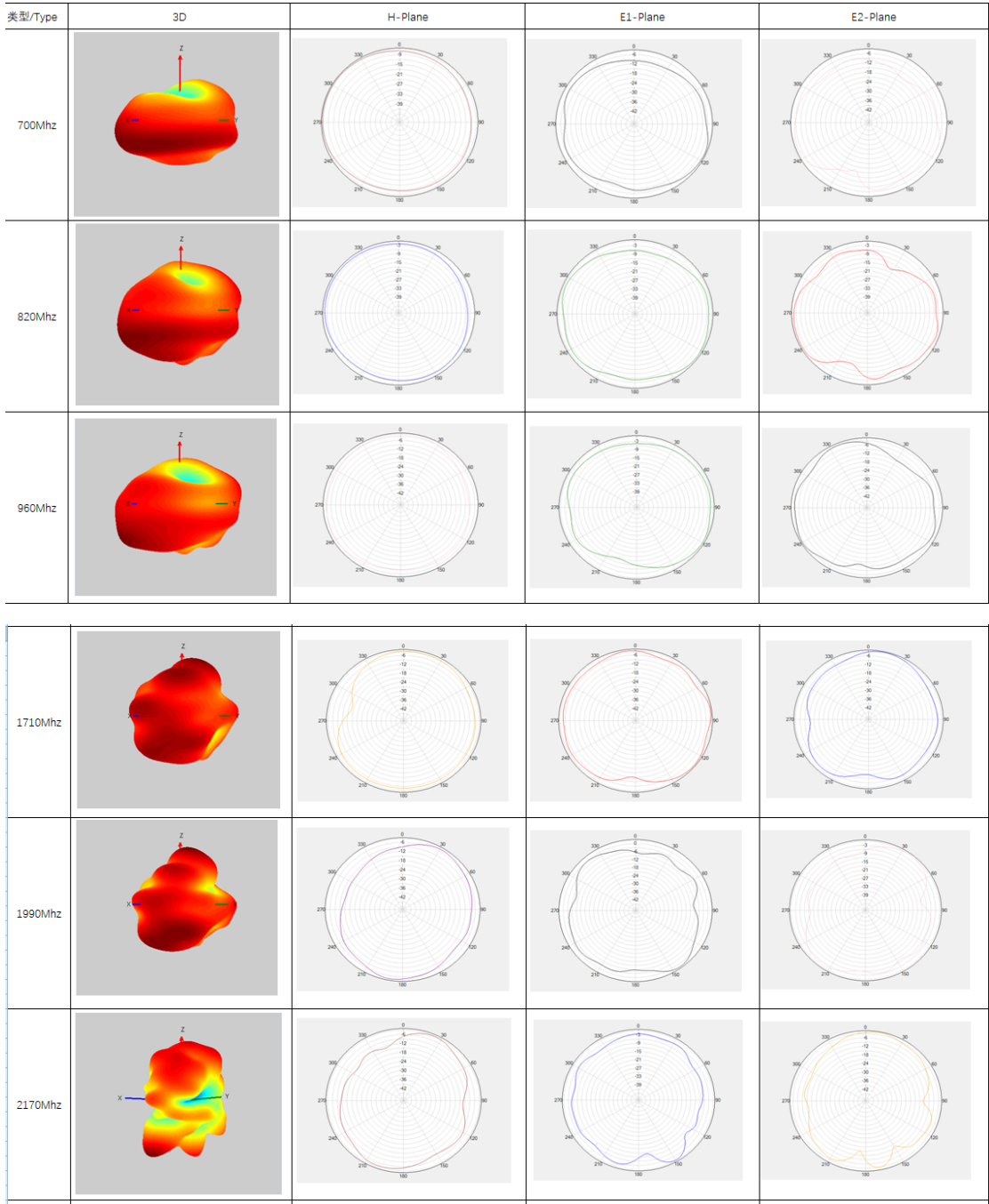


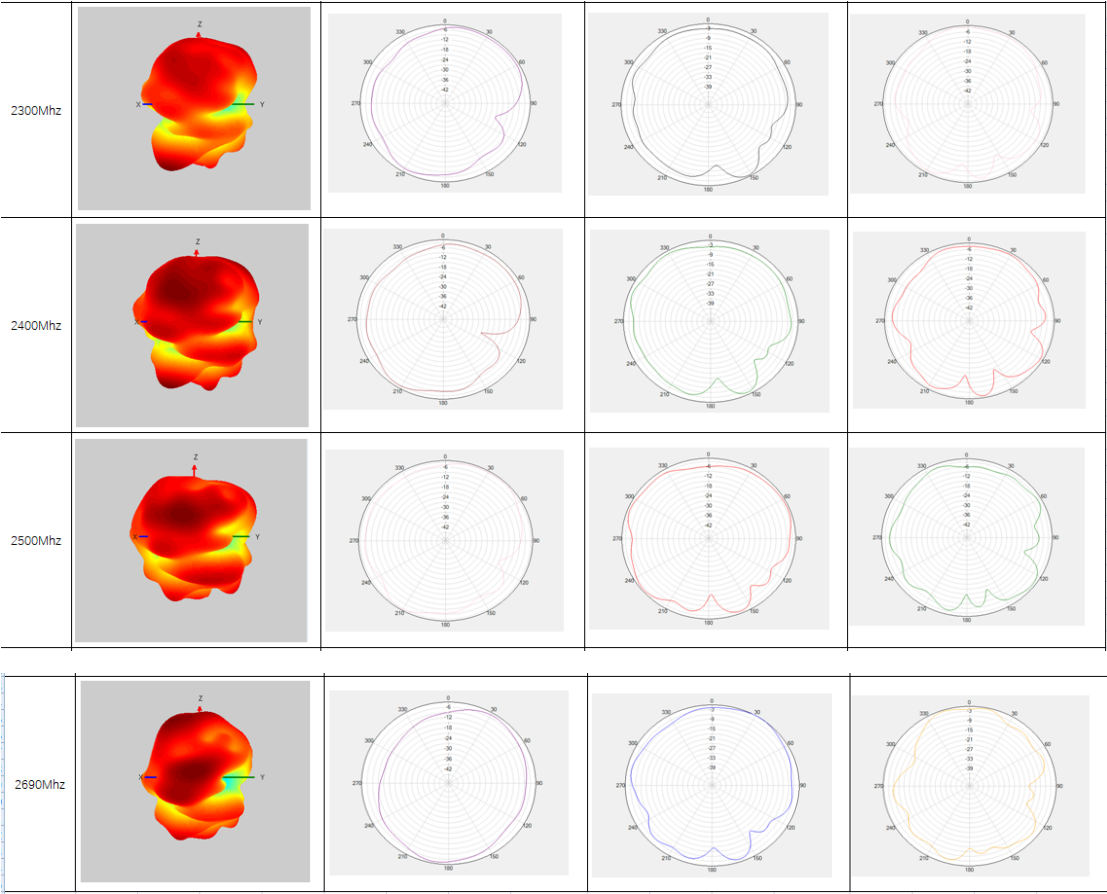
分集天线尺寸图
Div antenna size diagram



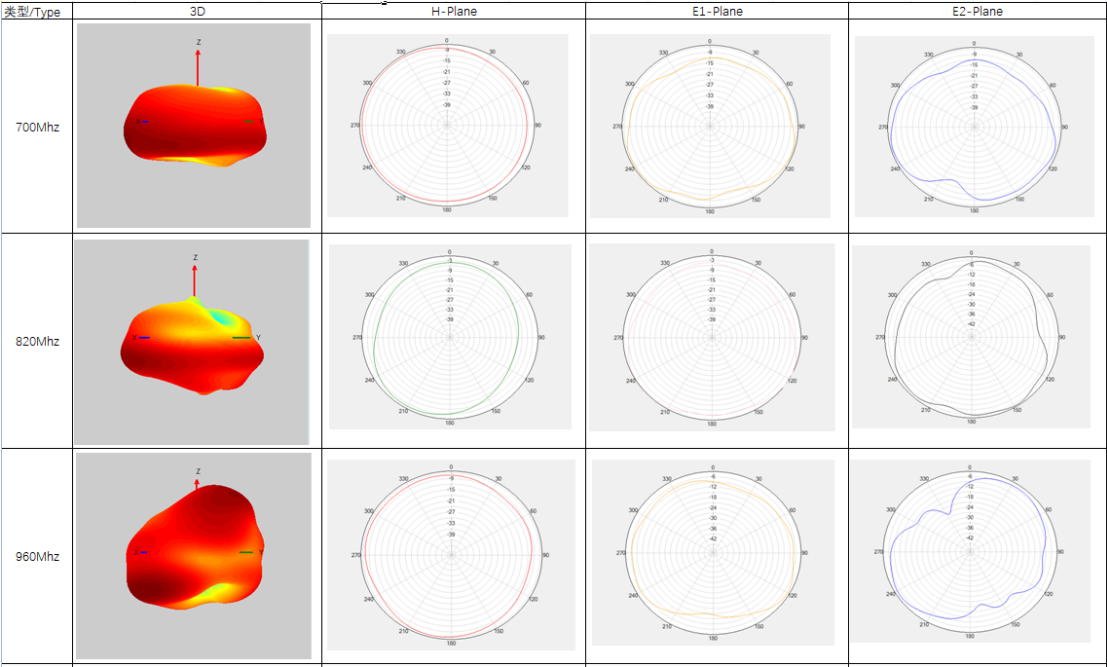
WIFI 天线尺寸图
WIFI antenna size diagram

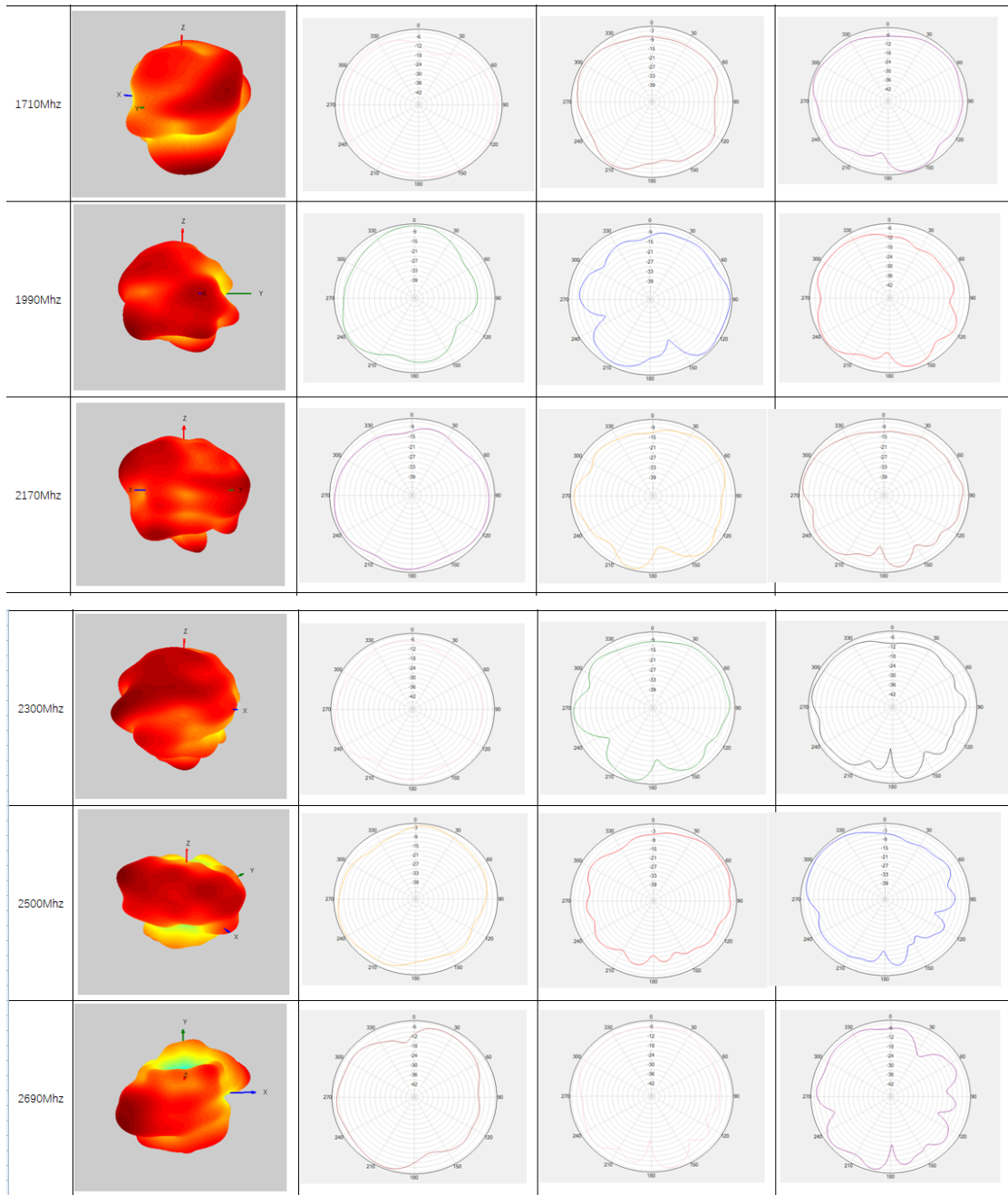
天线方向图(Antenna pattern):
主天线 Main ant



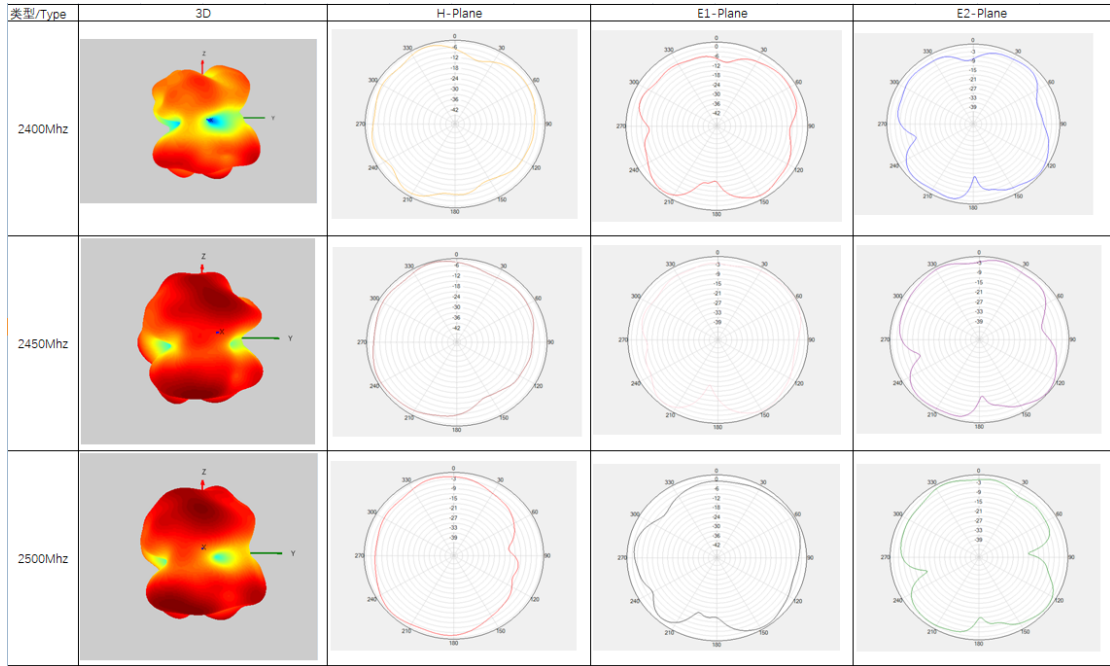


分集天线 DIV ant



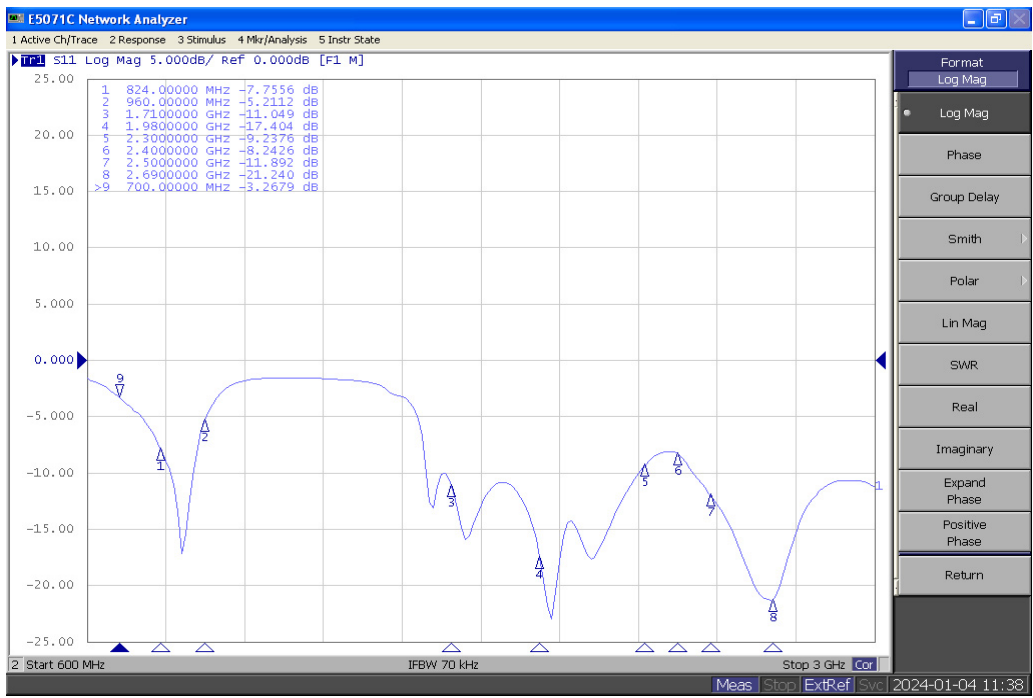


WIFI ant

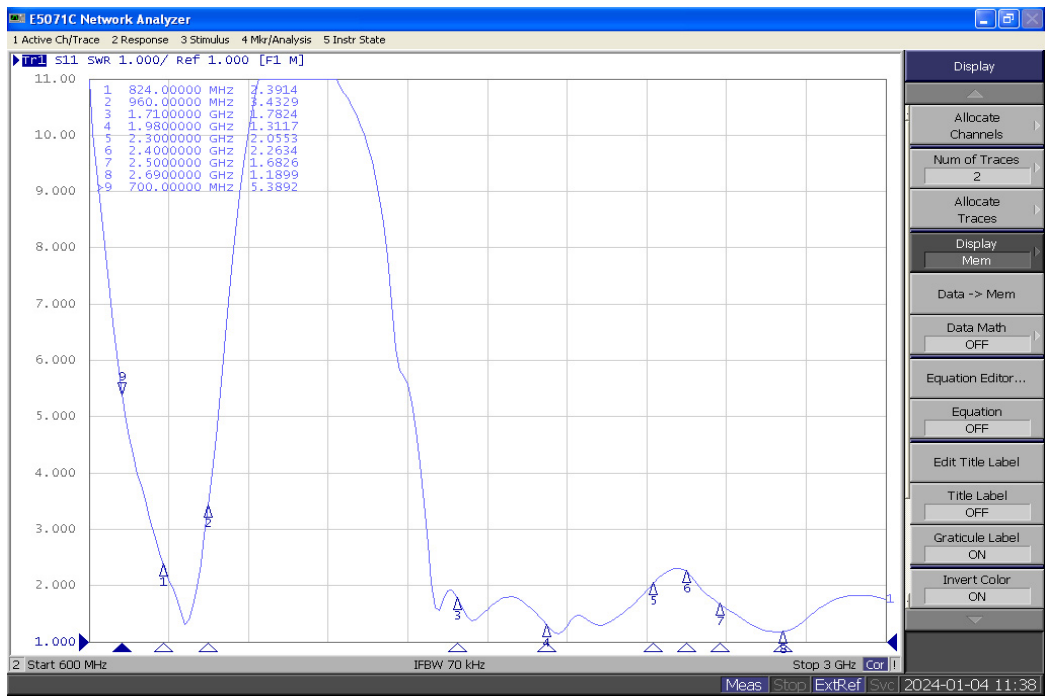


R1878-B (BH) Ant Passive Date
Main Ant matching: Ant-S 0 Ω -S 0 Ω -RF port

Main ant S11



Return Loss

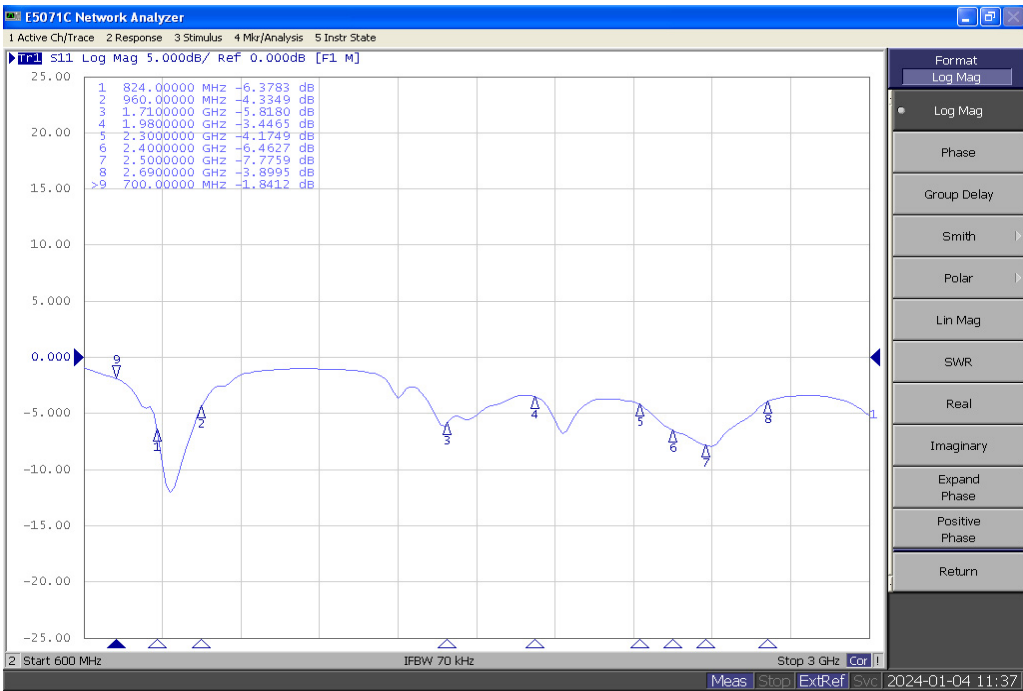


VSWR

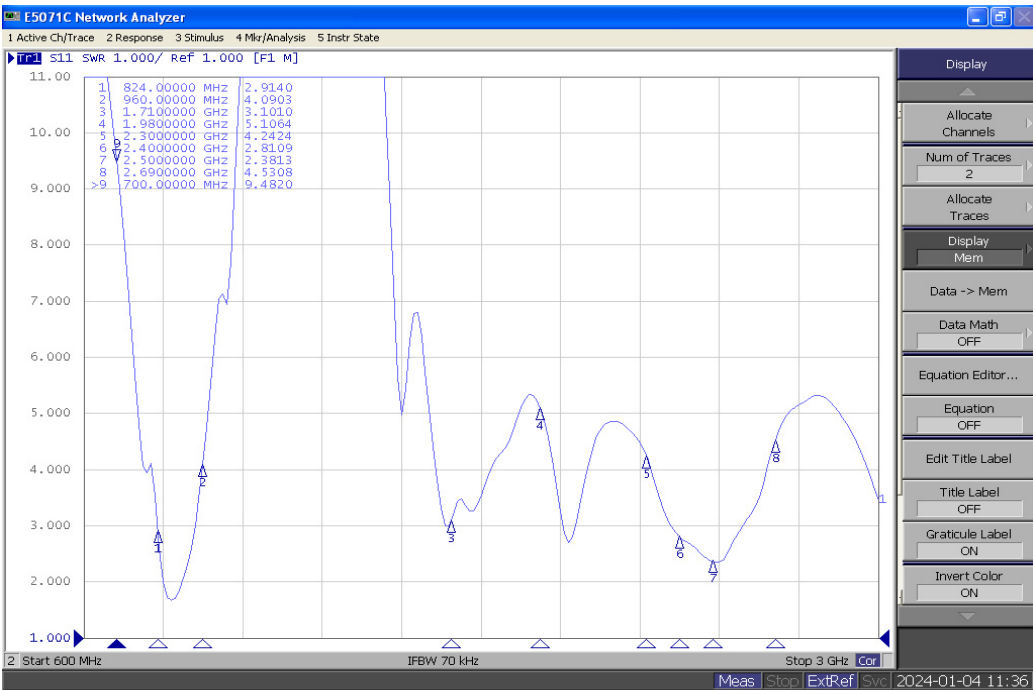
Main Ant GAIN & EFF (%)

Gain&Efficiency								
增益和效率								
frequency	gain	efficiency	frequency	gain	efficiency	frequency	gain	efficiency
频率	增益	效率(%)	频率	增益	效率(%)	频率	增益	效率(%)
(MHz)	(dBi)		(MHz)	(dBi)		(MHz)	(dBi)	
700	-2.01	26.68	800	-1.34	32.89	2090	-0.03	30.02
720	-1.9	26.99	820	-0.3	43.4	2170	-0.39	26.93
740	-1.81	29.74	840	0.56	49.06	2300	-0.62	26.15
760	-1.86	31.39	860	0.61	48.28	2380	-0.94	28.31
780	-1.48	30.46	880	-0.35	42.72	2400	-1.22	28.82
800	-1.8	29.18	900	0.38	46.16	2420	-0.21	35.01
			920	0.54	47.44	2440	-0.59	31.96
			940	0.15	41.69	2480	-0.58	31.22
			960	-0.08	38.34	2500	0.19	33
			1710	-2.19	29.34	2560	0.15	31.12
			1770	-1.39	31.49	2580	0.39	29.95
			1810	0.12	37.96	2600	0.13	29.54
			1850	1.82	41.46	2640	0.19	29.56
			1890	2.84	50.99	2660	0.25	29.59
			1930	3.11	51.38	2680	0.35	31.83
			2070	0.66	33.28	2690	0.48	33.36

DIV Ant
DIV Ant matching no change
DIV Ant S11



Return Loss



VSWR

DIV Ant GAIN & EFF (%)

Gain&Efficiency					
增益和效率					
frequency	gain	efficiency	frequency	gain	efficiency
(MHz)	增益(dBi)	效率(%)	频率(MHz)	增益(dBi)	效率(%)
820	-1.79	27.76	1990	-2.14	21.78
840	-0.37	32.92	2030	-0.6	25.64
860	0.33	38.79	2070	-1.75	24.95
880	0.49	37.12	2110	-0.56	30.61
900	-0.8	34.67	2150	1.37	34.2
920	-2.16	29.61	2300	-0.89	23.84
940	-3.2	21.82	2340	-1.07	22.36
960	-4.17	16.56	2380	-1.25	23.44
1710	-0.35	31.81	2420	0.5	31.92
1750	-0.19	36.49	2460	0.52	29.71
1790	-1.19	29.77	2500	1.09	39.39
1830	0.22	36.7	2540	1.07	39.99
1870	-0.53	33.9	2580	0.93	38.6
1910	-1.92	23.48	2620	0.53	32.23
1950	-1.44	26.05	2660	-0.41	26.45
			2690	-0.15	31.24

WIFI Ant

WIFI Ant matching: Ant- S 0 Ω -RF Port

WIFI Ant S11



Return Loss



VSWR

WIFI Ant GAIN & EFF (%)

Gain&Efficiency			
增益和效率			
frequency	gain	efficiency	efficiency
频率(MHz)	增益(dBi)	效率(dB)	效率(%)
2400	2.69	-2.8	52.5
2410	2.66	-2.55	55.64
2420	2.51	-2.39	57.72
2430	2.06	-2.62	54.64
2440	1.64	-2.69	53.77
2450	1.36	-2.78	52.69
2460	1.49	-2.79	52.56
2470	1.78	-2.71	53.61
2480	1.82	-2.74	53.27
2490	2.19	-2.46	56.77
2500	2.27	-2.34	58.37