

PAX Computer Technology(Shenzhen) Co.,Ltd	
Project name	S920
Antenna manufacturer	Dongguan Yijia Electronics Communication Science&Technology Co.,Ltd.
Rf Engineer	Huang zhilin

Software information		Hardware information				
Software configuration	PCB version	And module firmware version	Antenna version and matching description	Hardware configuration	Additional description	Conclusion
OS: APP: CONFIG: BOOT:						
Software change point description						
Hardware change point description						
Test equipment description						

Passive radiation efficiency and maximum gain of antenna (dB)

Frequency(MHz)	Radiation efficiency(%)	Radiation efficiency(dB)	Maximum gain(dBi)
690	22.78	-6.42	-4.36
700	23.42	-6.37	-5.53
710	25.40	-6.01	-4.51
720	26.57	-5.85	-3.96
730	27.71	-5.63	-2.71
740	29.20	-5.27	-1.80
750	28.31	-5.15	-0.37
760	28.11	-5.23	-0.58
770	27.34	-5.52	-0.05
780	26.94	-5.29	-0.44
790	26.80	-5.24	-0.31
800	21.45	-6.69	-2.88
810	22.97	-6.39	-2.59
820	25.26	-5.98	-2.31
830	31.14	-5.07	-1.45
840	32.32	-4.91	-1.37
850	33.07	-4.81	-0.79
860	34.54	-4.62	-0.21
870	36.89	-4.33	0.30
880	40.43	-3.93	0.83
890	43.67	-3.60	1.24
900	50.67	-2.95	2.01
910	43.51	-3.61	1.47
920	48.20	-3.17	1.96

Low frequency 700 mega antenna pattern

690.000MHz

690.000MHz H

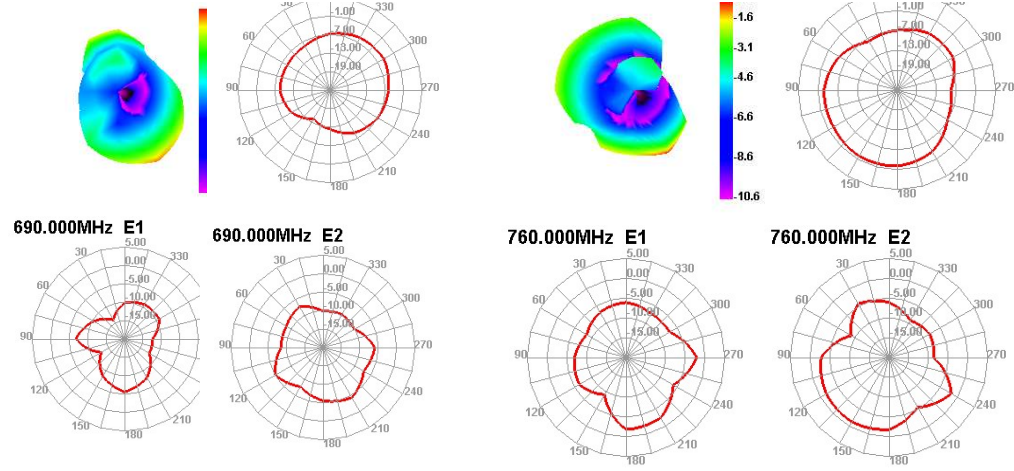


760.000MHz

760.000MHz H

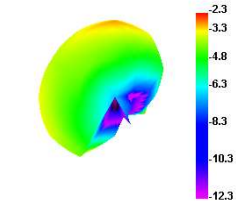


930	49.07	-3.09	2.08
940	50.58	-2.96	1.94
950	49.28	-3.07	1.59
960	48.00	-3.19	0.84
1700	44.96	-3.47	0.06
1740	42.66	-3.70	-0.11
1780	43.17	-3.65	-0.31
1820	46.56	-3.32	0.17
1860	49.47	-3.06	1.63
1900	42.69	-3.70	0.16
1940	31.15	-5.07	-0.52
1980	31.41	-5.03	0.17
2020	27.81	-5.56	-0.39
2060	39.77	-4.00	1.32
2100	49.69	-3.04	0.94
2140	47.59	-3.22	1.25
2180	46.11	-3.36	1.70

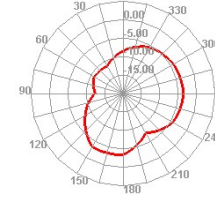


Low frequency antenna pattern

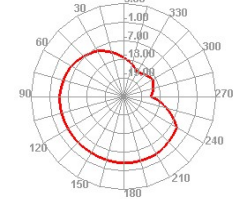
820.000MHz



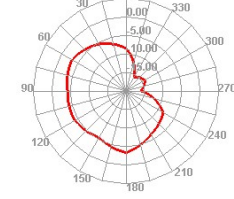
820.000MHz E1



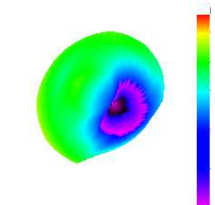
820.000MHz H



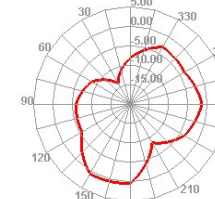
820.000MHz E2



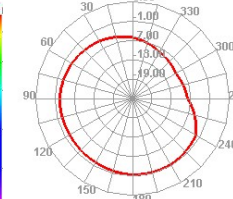
880.000MHz



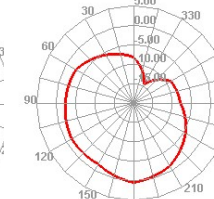
880.000MHz E1



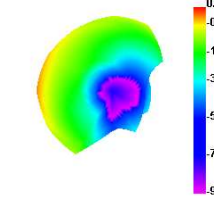
880.000MHz H



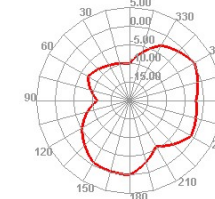
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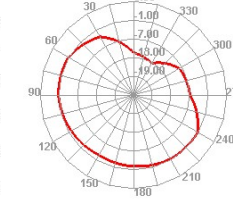
960.000MHz



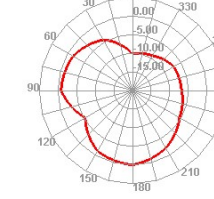
960.000MHz E1



960.000MHz H

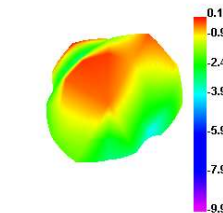


960.000MHz E2

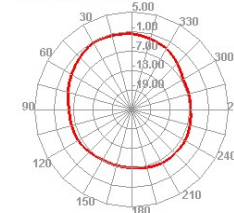


High frequency antenna pattern

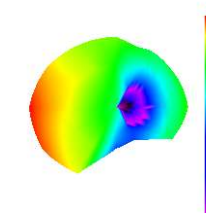
1700.000MHz



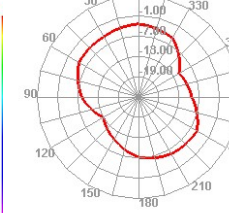
1700.000MHz H



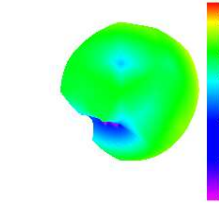
1980.000MHz



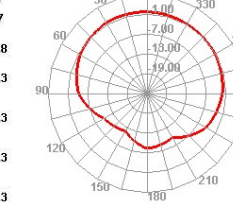
1980.000MHz H



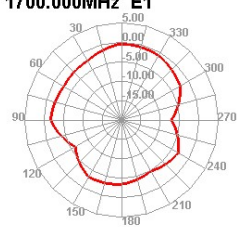
2180.000MHz



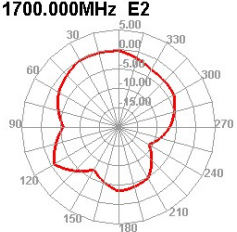
2180.000MHz H



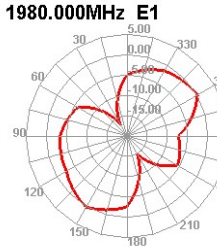
1700.000MHz E1



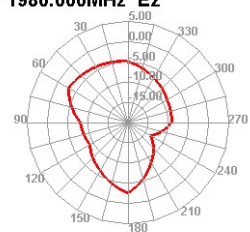
1700.000MHz E2



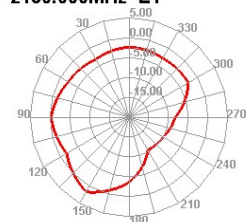
1980.000MHz E1



1980.000MHz E2



2180.000MHz E1



2180.000MHz E2

