
Antenna Specification

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Antenna model: R6506_310_WGB

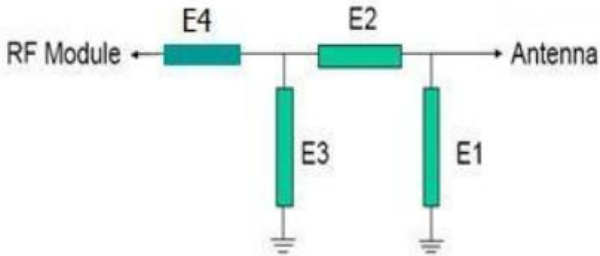
Antenna type: FPC

Antenna switching logic

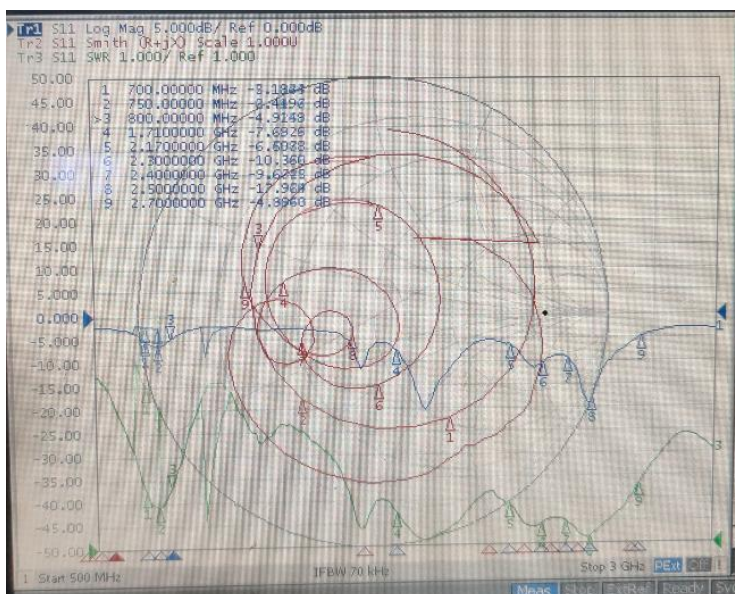
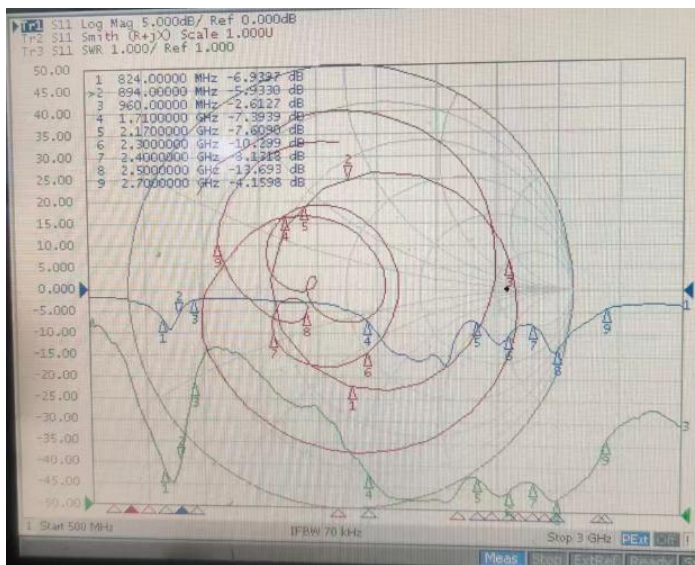
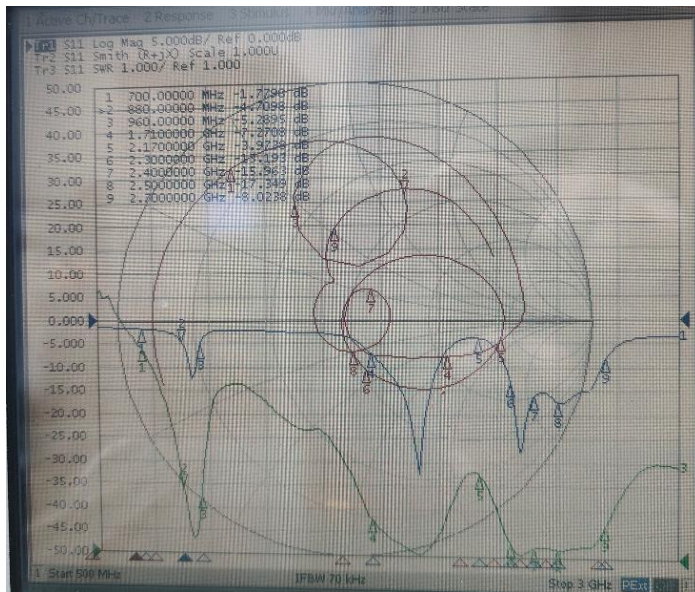
三合一天线（主板）：

Three-in-One Antenna (Main Board)

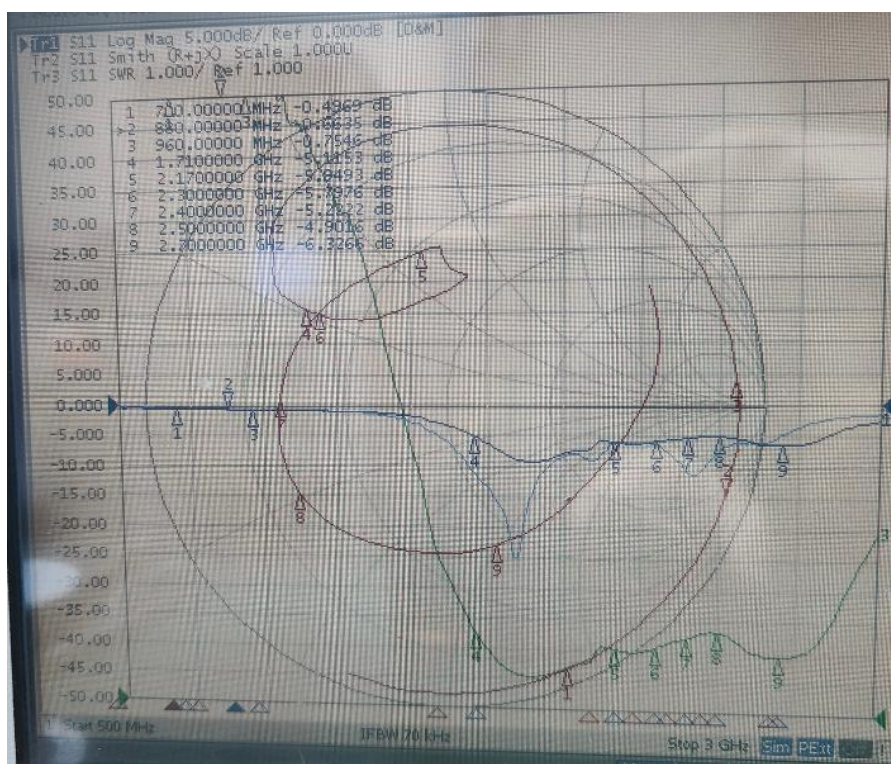
0201规格0201 specification		
Element	Value	位号 placement
E1	三合一匹配无更改 Three-in-one match with no changes	
E2		
E3		
E4		



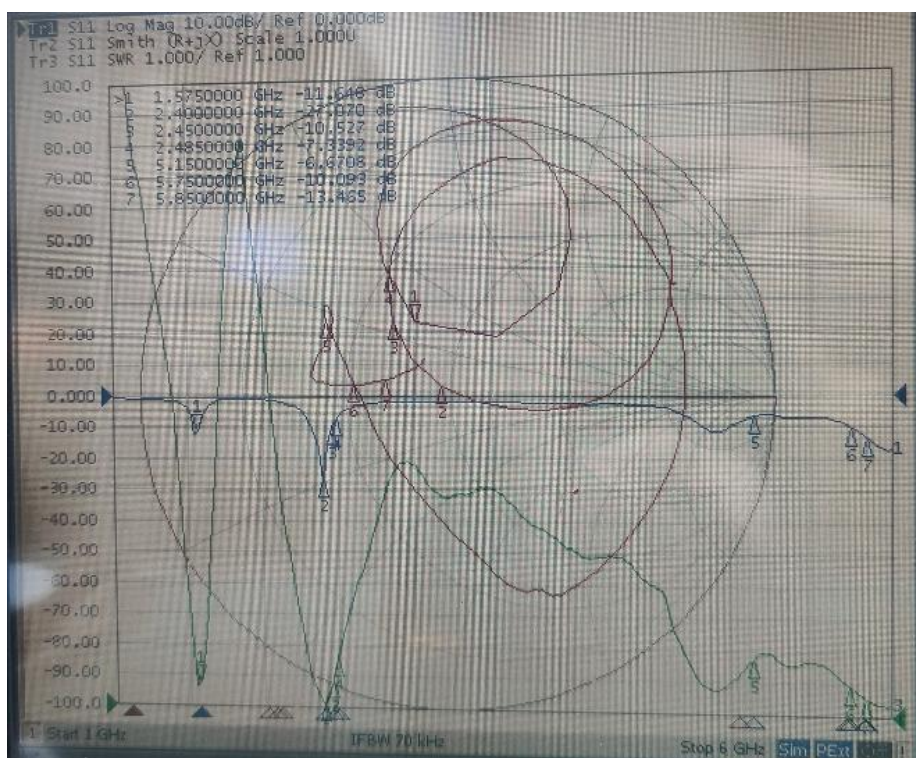
Passive parameters of main antenna



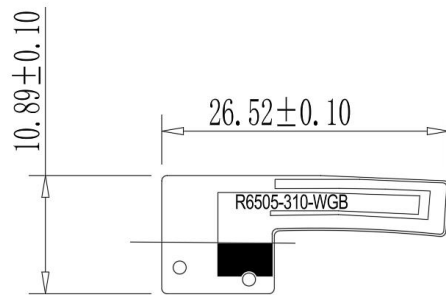
Passive parameters of diversity antenna



Passive parameters of three-in-one antenna



Overall dimensions of three-in-one antenna



Gain and efficiency of three-in-one antenna

Frequency (MHz)	Gain (dBi)	Efficiency (%)	Frequency (MHz)	Gain (dBi)	Efficiency (%)	Frequency (MHz)	Gain (dBi)	Efficiency (%)	Frequency (MHz)	Gain (dBi)	Efficiency (%)
1570.0	-0.12	29.43	2400.0	0.31	34.96	5100.0	-1.69	31.80	5500.0	-1.35	32.25
1571.0	-0.40	27.99	2410.0	0.46	35.22	5120.0	-2.01	29.48	5520.0	-1.21	31.98
1572.0	-0.68	26.74	2420.0	0.62	35.35	5140.0	-1.98	30.71	5540.0	-0.91	34.06
1573.0	-0.95	25.70	2430.0	0.75	36.54	5160.0	-1.89	30.43	5560.0	-0.80	33.34
1574.0	-1.20	24.84	2440.0	0.90	37.15	5180.0	-1.81	29.68	5580.0	-0.38	34.92
1575.0	-1.41	24.18	2450.0	1.06	37.56	5200.0	-1.86	27.72	5600.0	-0.49	32.59
1576.0	-1.45	23.95	2460.0	1.02	37.32	5220.0	-2.21	26.60	5620.0	-0.61	32.68
1577.0	-1.47	23.85	2470.0	0.83	36.89	5240.0	-2.41	24.21	5640.0	-0.54	33.27
1578.0	-1.46	23.84	2480.0	0.66	35.66	5260.0	-2.74	23.63	5660.0	-0.52	34.51
1579.0	-1.42	23.89	2490.0	0.52	35.17	5280.0	-2.31	24.47	5680.0	-0.28	36.46
1580.0	-1.36	23.94	2500.0	0.19	33.59	5300.0	-2.20	26.24	5700.0	-0.19	39.44
						5320.0	-2.36	25.04	5720.0	-0.30	36.35
						5340.0	-2.25	26.36	5740.0	-0.26	37.73
						5360.0	-2.06	27.32	5760.0	-0.25	33.92
						5380.0	-2.07	27.39	5780.0	-0.33	33.25
						5400.0	-2.20	27.20	5800.0	-0.30	35.59
						5420.0	-1.52	31.41	5820.0	0.05	39.58
						5440.0	-1.53	31.80	5840.0	0.64	40.22
						5460.0	-1.57	32.54	5860.0	0.82	44.94
						5480.0	-1.33	33.29	5880.0	0.64	41.81
									5900.0	0.60	40.66

antenna apple diagram:

