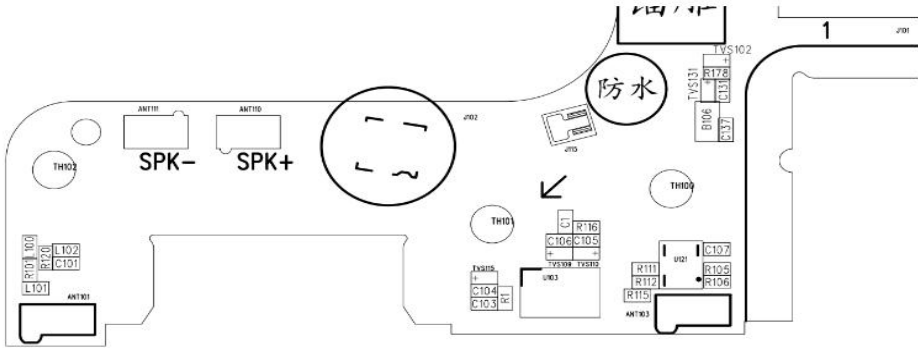


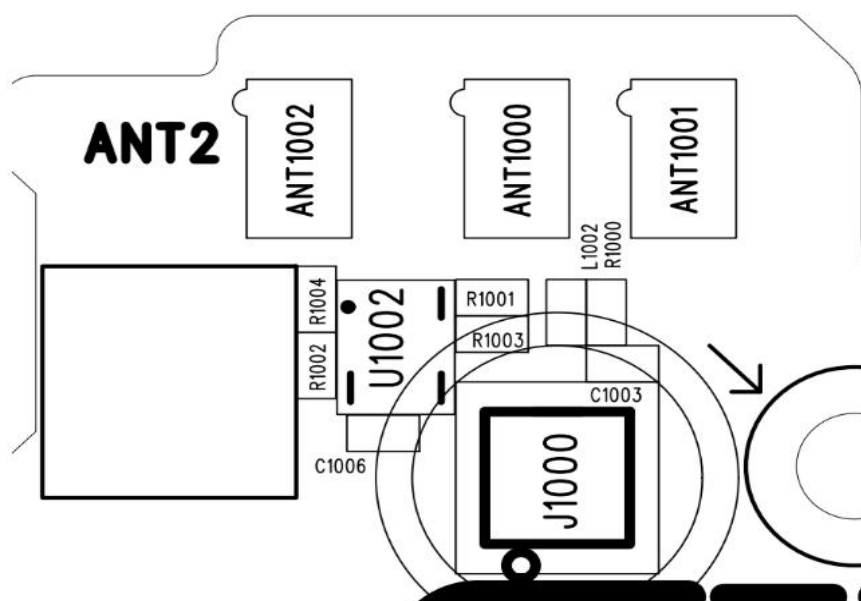
[illegible]

Antennas location, Match & Desc

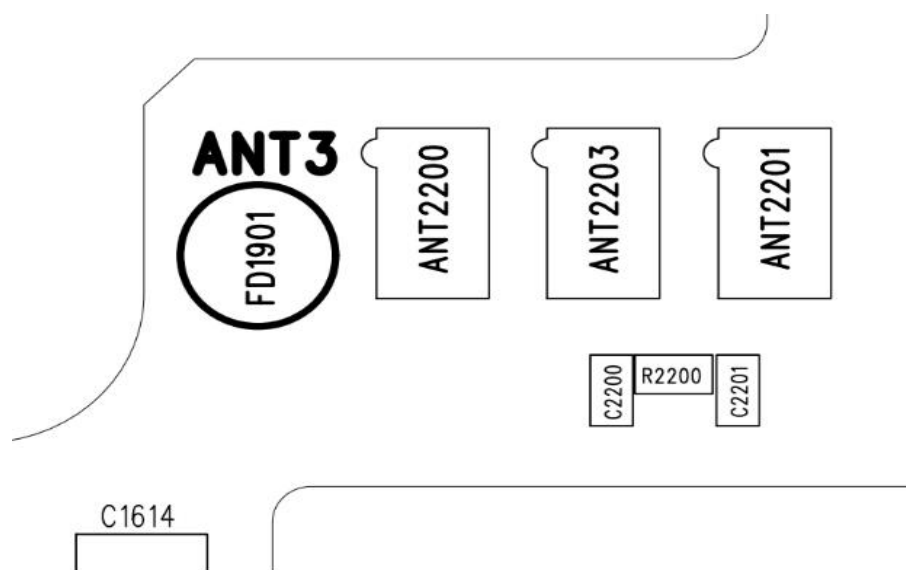
L633_S6321	GSM:B2/3/5/8 WCDMA: B1/2/4/5/8 LTE:B1/2/3/4 /5/7/8/12/13 /17/19/20/26 /28AB/66/38/ 40/41	RF1: GSM850-RX,GSM900-TX, DCS1800, PCS1900, W1/2/4/8, LTE:B1/2/3/4/7/8/66/38/40	小板-ANT0
		RF2: LTE:B12/17/B28	
		RF3: GSM850-TX, W5, LTE:B5/19/20/26	
		RF4: GSM900-RX	
		RF1: GSM900,DCS1800,PCS1900, W1/2/4/8, LTE:B1/2/3/4/8/66	主板-ANT1
		RF2: LTE:B12/17/B28----B7/38/40/41	
		RF3: GSM850, W5, LTE:B5/19/20/26	
		RF4:	
	频段偏向 (DPDT)	GSM850/GSM900, W5/8, LTE:B5/8/12/13/17/19/20/26/28	小板-ANT0
		DCS1800/PCS1900, W1/2/4, LTE:B1/2/3/4/7/66/38/40/41	主板-ANT1
B2:1900 B3:1800 B5:850 B8:900			



	L101	0.5PF
	R101	2.2nH
	L100	7.5nH
	R120	0欧
主路	ANT101	有
开关	ANT103	有
开关路	R115	12nH
RF1	R106	0欧
RF2	R105	NA
RF3	R112	3.9nH
RF4	R111	12pf



主路匹配	L1002	1PF
	R1000	1.2nH
	C1003	7.5nH
主路	ANT1000	有
地	ANT1001	有
开关	ANT1002	有
RF1	R1004	0Ω
RF2	R1002	27nH
RF3	R1001	8.2nH
RF4	R1003	22nH



ANT2203	有
C2200	NA
R2200	1nH
C2201	NA
ANT2200	有
ANT2201	有

ANT1主集

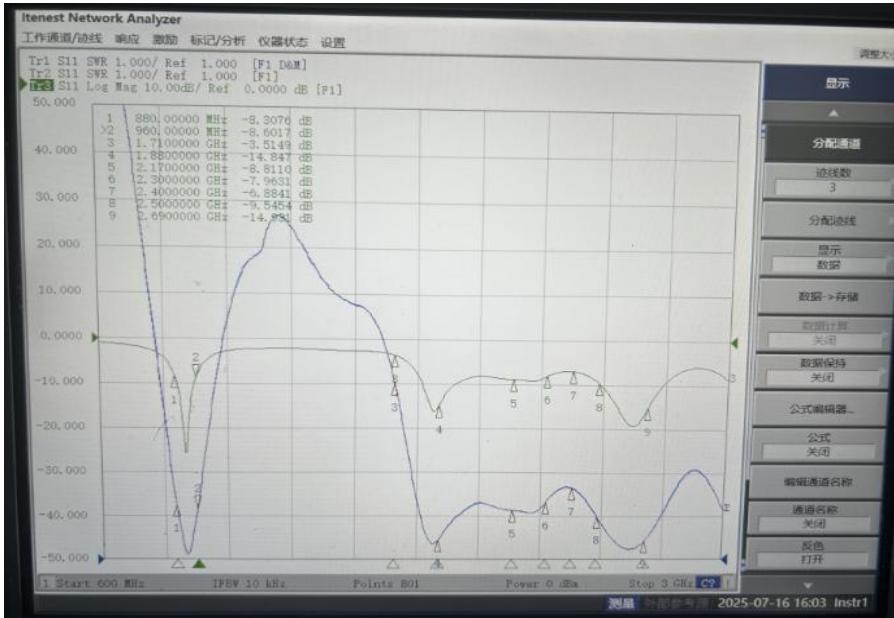
Frequency	Efficiency	Efficiency . dB	Gain . dB
700000000	15%	-8.162187348	-3.587189729
705000000	17%	-7.614042891	0.623845277
710000000	18%	-7.449042087	-3.131978933
715000000	19%	-7.130524172	-1.553510096
720000000	18%	-7.334861992	-2.546088704
725000000	22%	-6.008210322	-0.923033509
730000000	20%	-6.408031336	-2.325572799
735000000	23%	-5.862100139	-1.046635939
740000000	21%	-6.875931486	-2.200068227
745000000	22%	-5.500167218	-0.240236463
750000000	21%	-6.868584523	-1.934545806

800000000	10%	-10.04668298	-4.171365219
810000000	11%	-9.398299187	-3.599372179
820000000	14%	-8.586991115	-2.658942683
830000000	15%	-8.384373973	-2.71146896
840000000	18%	-7.455152752	-2.799209037
850000000	17%	-7.618284604	-1.845036298
860000000	19%	-7.19363154	-1.877485952
870000000	20%	-6.986398976	-1.122609599
880000000	21%	-6.868623646	-1.618951324
890000000	21%	-6.792476987	-1.542233655
900000000	21%	-6.691995949	-1.54963333

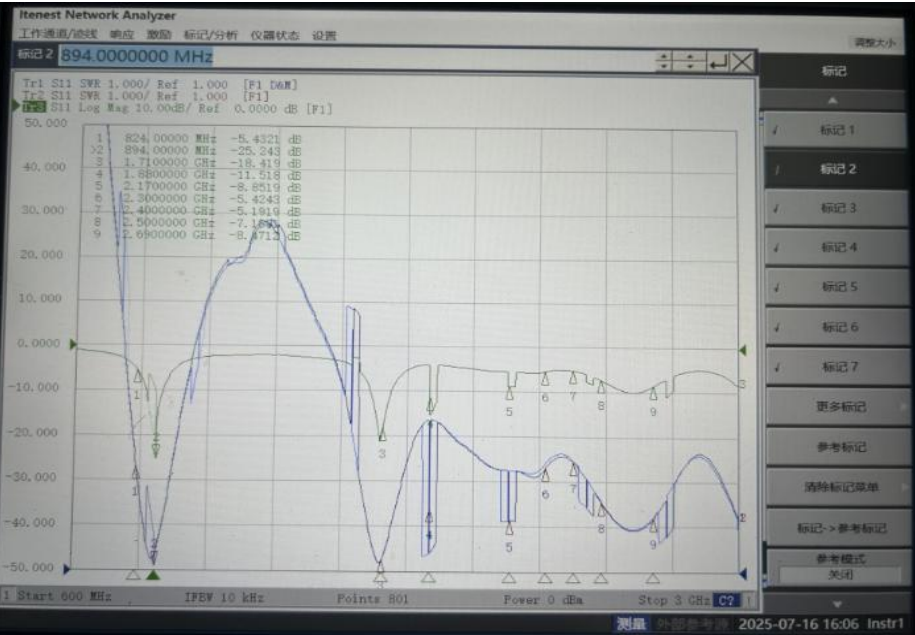
880000000	15%	-8.231053432	-3.025670201
888000000	18%	-7.433305225	-2.376050429
896000000	21%	-6.867244981	-1.637443765
904000000	23%	-6.478110983	-1.156984553
912000000	21%	-6.801833616	-1.386320807
920000000	20%	-6.925493574	-1.346274976
928000000	21%	-6.824622966	-1.367348216
936000000	21%	-6.748723636	-1.341617467
944000000	21%	-6.747195991	-1.191175089
952000000	19%	-7.239593247	-1.299713732
960000000	16%	-7.92206647	-1.699939588

Frequency	Efficiency	Efficiency . dB	Gain . dB
1710000000	4%	-13.50977575	-8.261804914
1743000000	6%	-11.96651442	-6.918019506
1776000000	9%	-10.52654609	-5.888981271
1809000000	12%	-9.184542864	-4.5005303
1842000000	14%	-8.497422156	-3.567664704
1875000000	15%	-8.267421902	-3.092707191
1908000000	16%	-8.054030791	-2.708121864
1941000000	17%	-7.59395538	-2.063485131
1974000000	19%	-7.303379529	-2.174806879
2007000000	18%	-7.428258321	-2.416861897
2040000000	18%	-7.478904143	-2.336596058
2073000000	17%	-7.706002704	-2.263503135
2106000000	16%	-8.041357079	-2.690020739
2139000000	15%	-8.285344517	-2.960013497
2172000000	15%	-8.330557866	-3.172594728
2205000000	15%	-8.152660089	-2.718900921
2238000000	16%	-8.028376765	-2.629805702
2271000000	15%	-8.272481872	-2.958252629
2304000000	15%	-8.327806893	-3.299910236
2337000000	15%	-8.347728868	-3.397321458
2370000000	14%	-8.612842945	-3.946126693
2403000000	14%	-8.464603328	-3.975803338
2436000000	14%	-8.480477985	-4.398789146
2469000000	15%	-8.150324874	-3.834519993
2502000000	15%	-8.294633693	-4.035318218
2535000000	15%	-8.155792569	-3.274054609
2568000000	15%	-8.21840155	-3.901814199
2601000000	14%	-8.523809475	-3.74905653
2634000000	13%	-8.767473206	-3.457613723
2667000000	13%	-8.848958703	-3.762032832
2700000000	13%	-8.716305349	-4.130643504

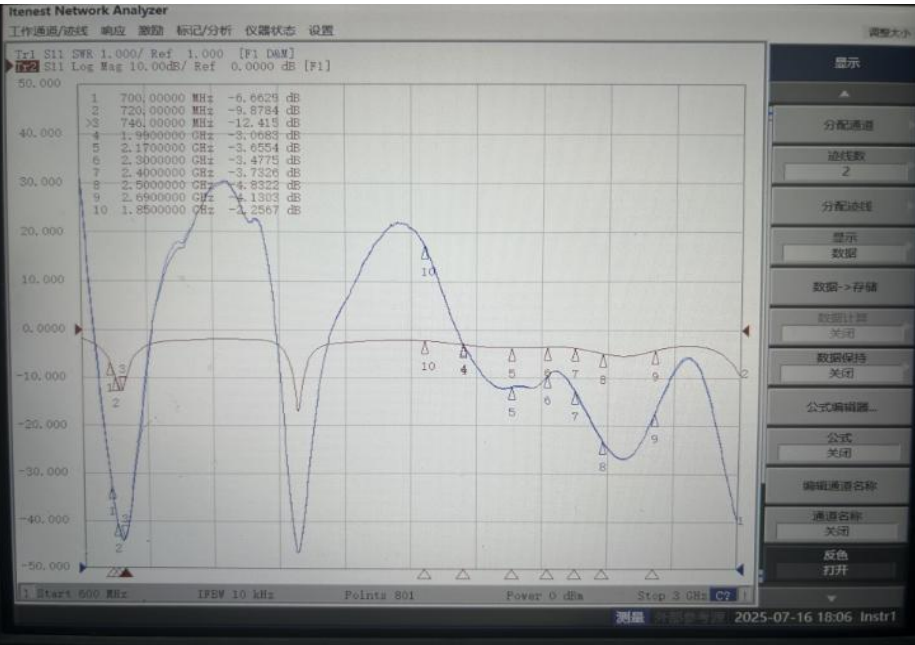
ANT1主集 passive diagram
B8-1710MHz-2690MHz



B5/B19/B20/B26



B12/B17/B28



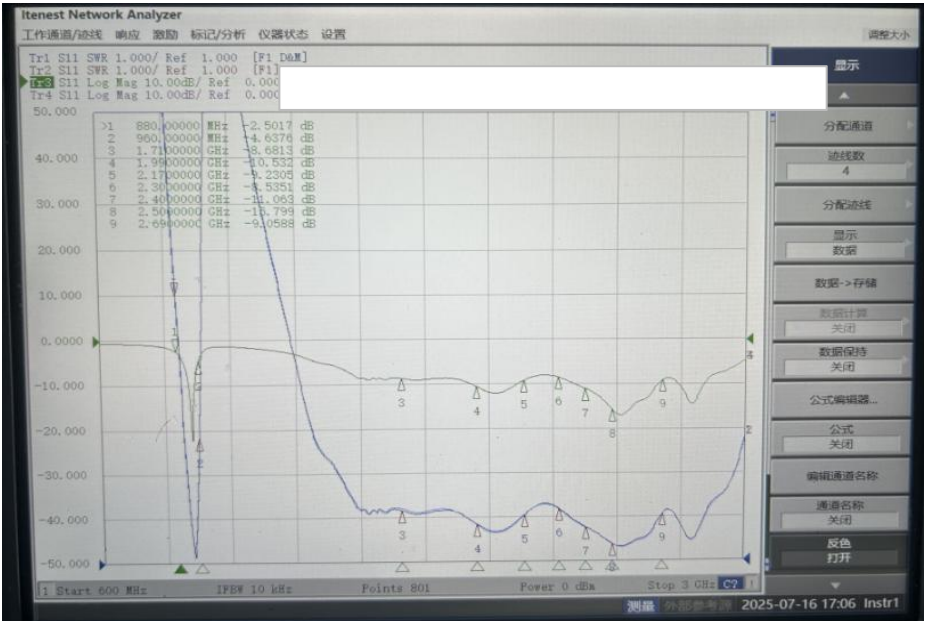
ANT2分集

Frequency	Efficiency	Efficiency . dB	Gain . dB
700000000	4%	-14.50617265	-9.842042302
711000000	4%	-14.48781937	-9.631317354
722000000	5%	-13.44396053	-8.524786382
733000000	7%	-11.34428218	-6.115621586
744000000	10%	-10.07646533	-5.544289538
755000000	12%	-9.351097027	-4.263147422
766000000	11%	-9.403070254	-3.925495432
777000000	12%	-9.380962358	-3.504216736
788000000	11%	-9.630926225	-3.376979582
799000000	12%	-9.149972978	-3.284087139
810000000	12%	-9.095589459	-2.946576663
800000000	4%	-14.21469412	-9.045063008
810000000	4%	-13.60872029	-8.855685249
820000000	5%	-12.87937951	-8.105670975
830000000	6%	-12.2038011	-7.663611768
840000000	7%	-11.36893089	-7.028388298
850000000	10%	-10.15427227	-5.998419667
860000000	12%	-9.137825949	-5.222200295
870000000	14%	-8.468537015	-3.821803159
880000000	14%	-8.424620893	-3.066919991
890000000	15%	-8.379880771	-3.058594853
900000000	15%	-8.323813031	-4.037785061
880000000	5%	-13.17307306	-7.056814659
888000000	7%	-11.75739773	-6.166677412
896000000	8%	-10.78445294	-5.254169849
904000000	10%	-9.860049798	-4.024606541
912000000	12%	-9.38705877	-3.381635423
920000000	13%	-8.773137969	-2.697585719
928000000	16%	-8.022630595	-2.120224774
936000000	17%	-7.582262809	-1.650240978
944000000	17%	-7.633658882	-1.82579221
952000000	14%	-8.538858051	-2.407953602
960000000	10%	-10.05841659	-3.821988248

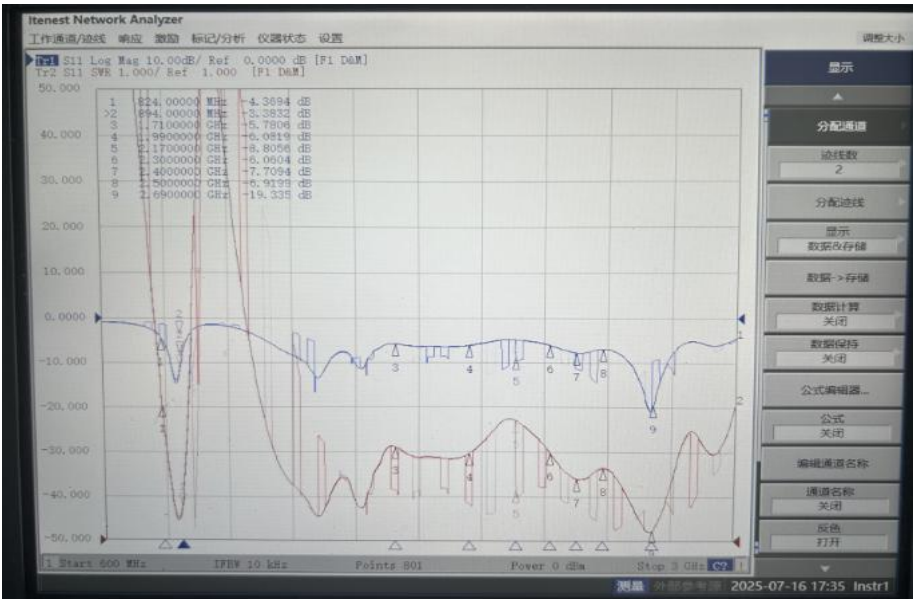
Frequency	Efficiency	Efficiency . dB	Gain . dB
1710000000	27%	-5.659066124	-0.652256978
1743000000	26%	-5.896830971	-1.187625032
1776000000	27%	-5.673263669	-0.854378095
1809000000	29%	-5.39857531	-0.185615374
1842000000	30%	-5.249734193	0.088713295
1875000000	31%	-5.086100699	0.342446915
1908000000	34%	-4.638382075	0.339615873
1941000000	38%	-4.21184651	0.328919702
1974000000	39%	-4.067472597	0.156610077
2007000000	39%	-4.100222189	-0.141947367
2040000000	39%	-4.041205797	-0.22004447
2073000000	39%	-4.079586646	-0.487716855
2106000000	36%	-4.441533771	-0.639691859
2139000000	31%	-5.091731646	-1.038340137
2172000000	27%	-5.701039288	-1.465111698
2205000000	23%	-6.391013946	-1.909468708
2238000000	21%	-6.826461975	-2.139900229
2271000000	19%	-7.316783287	-3.03439174
2300000000	31%	-5.105438929	0.525363748
2320000000	30%	-5.192170937	1.010013406
2340000000	29%	-5.33355416	0.793796174
2360000000	30%	-5.237564303	1.172361893
2380000000	30%	-5.242980022	1.477350474
2400000000	31%	-5.107552659	1.660777306
2420000000	32%	-4.949217214	1.736707785
2440000000	33%	-4.824482517	1.445727444
2460000000	34%	-4.693700775	1.572580905
2480000000	34%	-4.625572754	1.42339244
2500000000	34%	-4.691151235	1.4128072
2520000000	34%	-4.744201925	1.145480233
2540000000	33%	-4.810520205	0.914156482
2560000000	33%	-4.823055959	0.701598733
2580000000	31%	-5.020995319	0.466055721
2600000000	30%	-5.195695948	0.284834546
2620000000	28%	-5.496319573	-0.732965392
2640000000	27%	-5.759921871	-1.460546452
2660000000	25%	-5.99488423	-2.051775499
2680000000	25%	-6.015143491	-1.648966714
2700000000	25%	-6.029694978	-1.325884908

ANT2分集 passive diagram

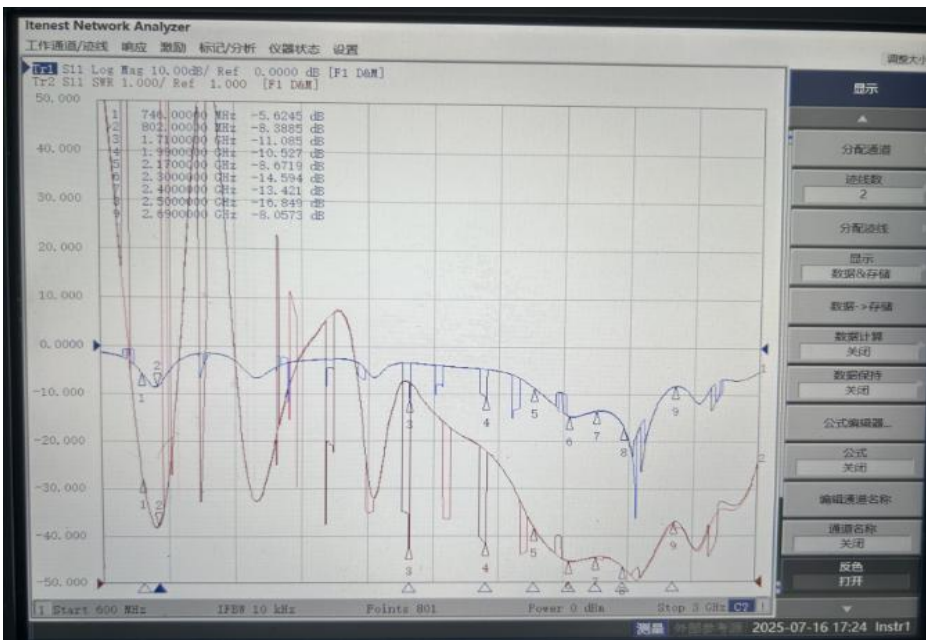
B8-1710MHz-2170MHz



B5/B19/B20/B26



B12/B17/B28-2300MHz-2690MHz



ANT3 gps wifi

Frequency	Efficiency	Efficiency . dB	Gain . dB
1570000000	49%	-3.1	-2.3
1571000000	49%	-3.1	-2.2
1572000000	49%	-3.1	-2.2
1573000000	49%	-3.1	-2.2
1574000000	48%	-3.2	-2.1
1575000000	49%	-3.1	-2.4
1576000000	49%	-3.1	-2.4
1577000000	49%	-3.1	-2.4
1578000000	49%	-3.1	-2.4
1579000000	49%	-3.1	-2.3
1580000000	49%	-3.1	-2.3

Frequency	Efficiency	Efficiency . dB	Gain . dB
2400000000	32%	-4.9	-2.5
2410000000	33%	-4.8	-2.7
2420000000	35%	-4.6	-3
2430000000	36%	-4.4	-3.2
2440000000	36%	-4.4	-3.2
2450000000	37%	-4.4	-3.2
2460000000	37%	-4.4	-3.2
2470000000	37%	-4.4	-3.2
2480000000	36%	-4.4	-3
2490000000	35%	-4.6	-2.8
2500000000	34%	-4.7	-2.6

ANT3 gps wifi passive diagram

