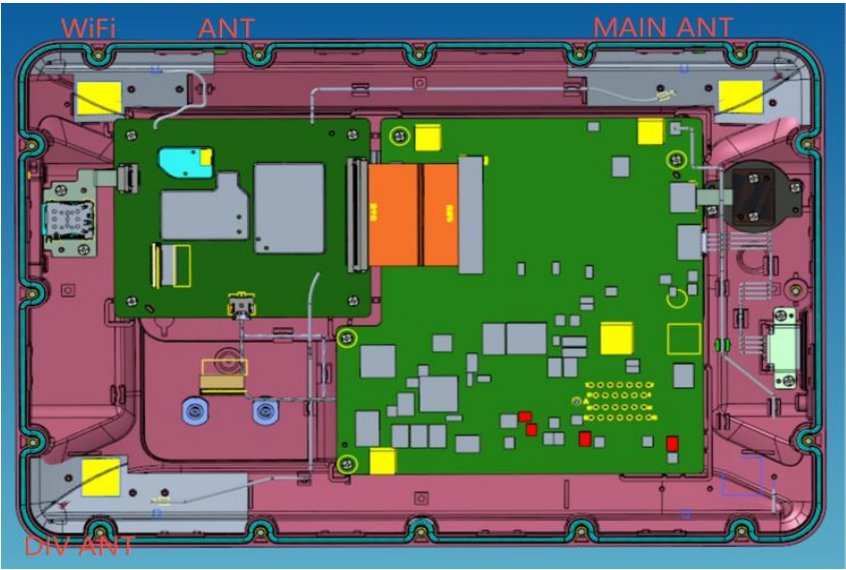
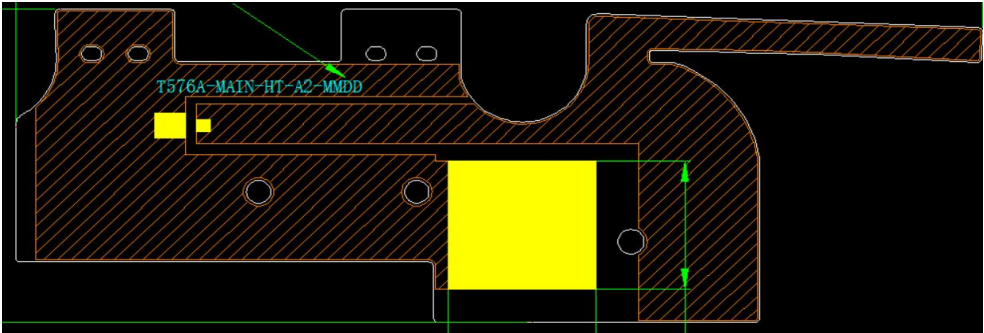


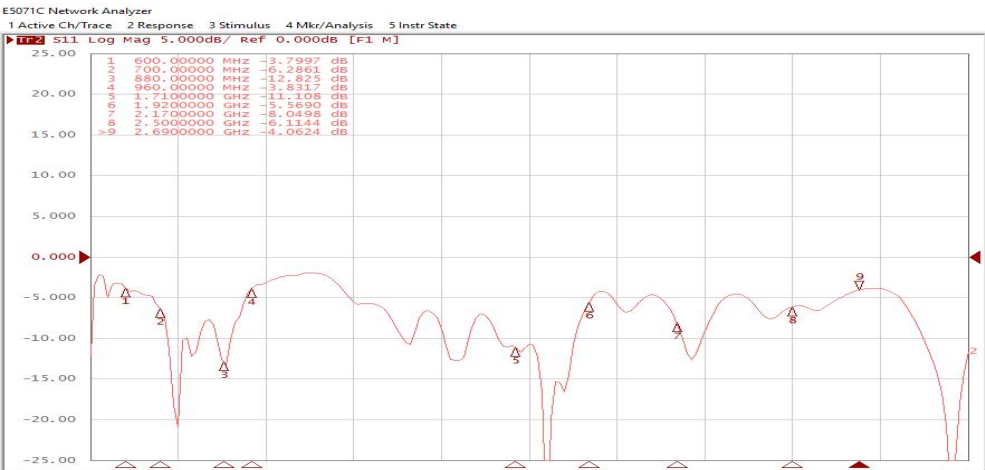
T576A MAIN ant

ant spec	name	Number	texture of timber	area	Manufacturer & Address
MAIN	LMHB TRX	1	FPC copper	76*26mm	Haitong Communication Electronics Co., Ltd. Tiangu 8th Road Yanta District, Xi'an, Shaanxi.

1、Antenna 2D



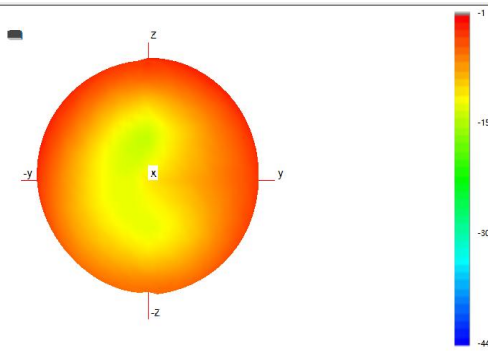
2、Smith/S11



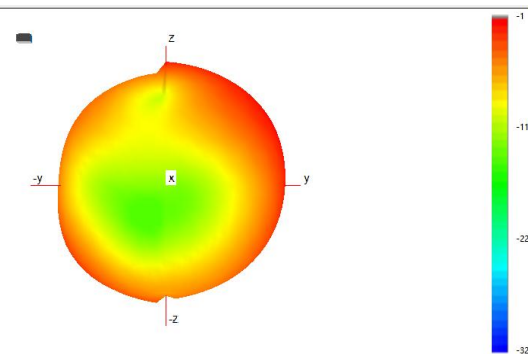
3、Passive data

Freq(MHz)	Gain(dBi)
600	-2.009661501
610	-2.315634112
620	-1.761262001
630	-1.307045219
640	-1.638205567
650	-2.556047663
660	-2.089614249
670	-1.779211447
680	-1.661747882
690	-1.989913349
700	-1.769227526
710	-1.513872425
720	-1.497622964
730	-1.761218067
740	-2.11989508
750	-2.056179748
760	-1.639019774
770	-1.680471313
780	-1.583253739
790	-1.509013977
800	-1.328270205
810	-0.948506567
820	-0.981882053
830	-1.033002977
840	-0.987009654
850	-0.993424223
860	-1.099643084
870	-1.179028973
880	-1.164870654
890	-1.044187479
900	-1.079841161
910	-1.270731168
920	-1.646678759
930	-2.289596637
940	-2.89576602
950	-3.655608833
960	-3.858126007
1700	-3.160792061
1710	-1.909788927
1720	-0.510572931
1730	-0.079743172
1740	0.541628193
1750	1.218066769
1760	1.442050004
1770	1.077454247
1780	0.676768116
1790	0.127098137
1800	-0.739817728
1810	-0.933605242
1820	-1.163257561
1830	-1.633947056
1840	-1.400487696
1850	-1.609541351

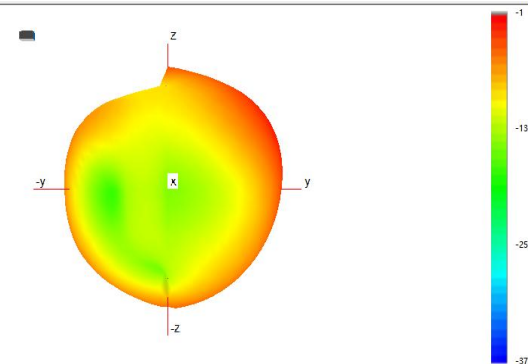
B12/B17/B28



850/W5/B5/B19/B20/B26

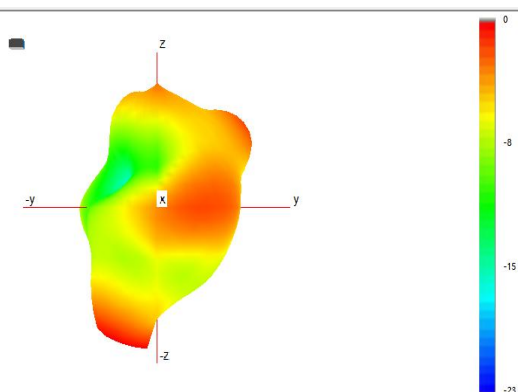


900/W8/B8

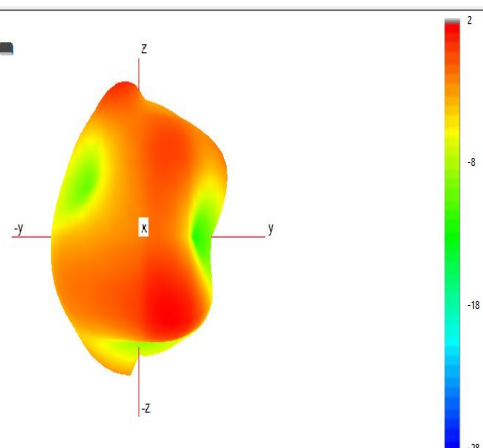


1860	-1.679355958
1870	-1.654067096
1880	-1.292430051
1890	-1.224029472
1900	-0.924637226
1910	0.002881524
1920	0.730028644
1930	1.184379352
1940	1.480021453
1950	1.887261994
1960	1.91380535
1970	1.610398864
1980	1.135062545
1990	0.556171074
2000	0.120351524
2010	-0.201335676
2020	-0.908976144
2030	-1.398608866
2040	-1.381990198
2050	-1.006701813
2060	-0.623595055
2070	-0.239041701
2080	-0.012432511
2090	0.342611283
2100	0.912570698
2110	1.056003511
2120	1.059944717
2130	1.275631661
2140	1.323481778
2150	1.352922692
2160	1.376111906
2170	0.925329587
2180	0.361668889
2190	-0.261164967
2200	-0.836870015
2210	-0.931822066
2220	-0.39093254
2230	0.27808888
2240	0.416481025
2250	0.370033949
2260	0.175454821
2270	-0.204007394
2280	-0.306598765
2290	-0.378403853
2300	-0.651099503
2310	-1.071820621
2320	-1.368515107
2330	-0.868446914
2340	-0.528466637
2350	-0.832178723
2360	-1.158960734
2370	-1.333823251
2380	-1.412074231
2390	-1.555393223
2400	-1.758815087

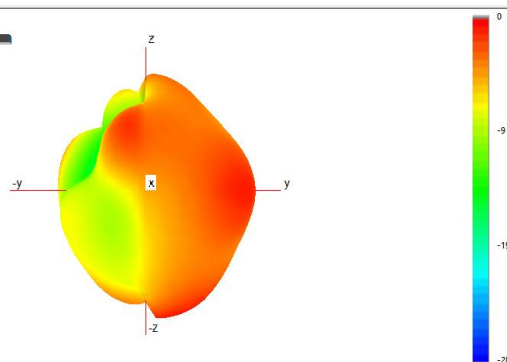
B3/B4/B66/G1800/W4



W1/B1

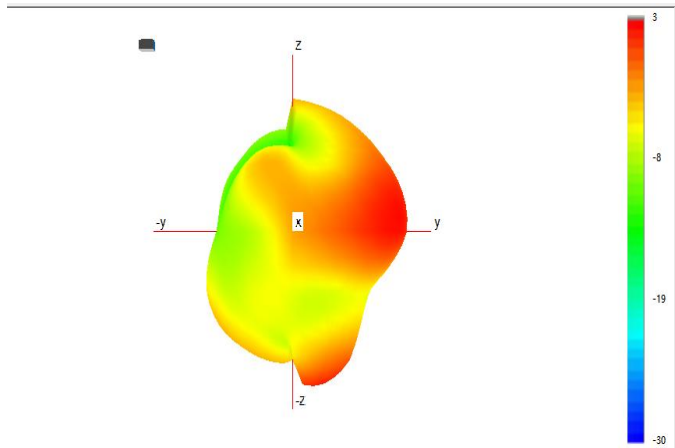


B40



2410	-1.648979098
2420	-1.42591142
2430	-1.223012806
2440	-1.247512418
2450	-1.061722531
2460	-0.7929114
2470	-0.305140977
2480	0.139606421
2490	0.713021313
2500	1.124049189
2510	1.61725076
2520	2.039976773
2530	2.270160332
2540	2.282198983
2550	2.387007756
2560	2.322718635
2570	1.997276856
2580	1.59373341
2590	1.823033203
2600	1.701750543
2610	1.743633065
2620	2.021078303
2630	2.341655412
2640	2.703086991
2650	2.637528347
2660	2.700194416
2670	2.790661987
2680	2.933262769
2690	3.001683929
2700	2.821162956

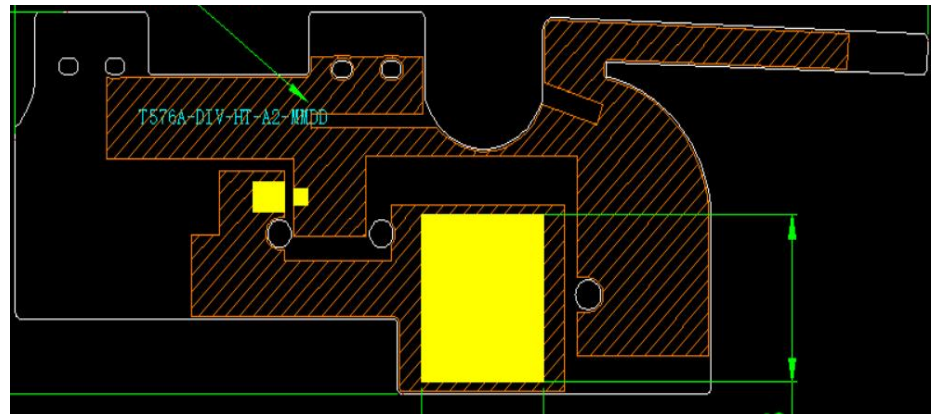
B7/B38/B41



T576A DIV ant

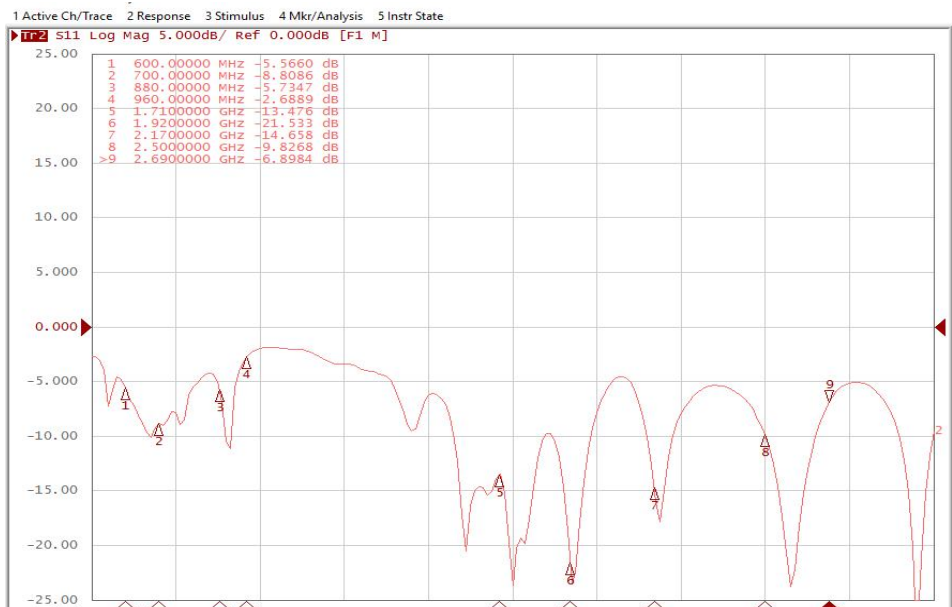
ant spec	name	Number	texture of timber	area	Manufacturer
DIV	LMHB DRX	1	FPC copper	68*25mm	Haitong Communication Electronics Co., Ltd.

1、Antenna 2D



2、Smith/S11

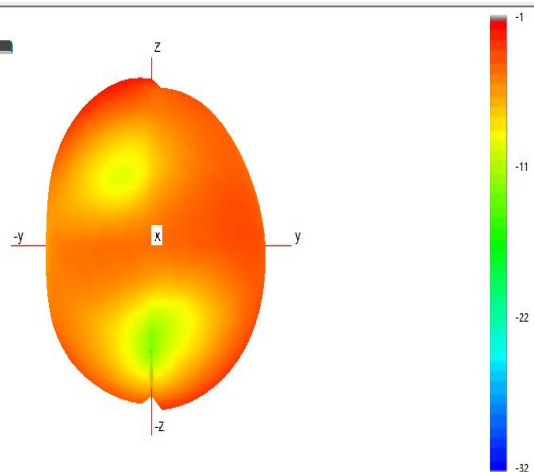
E5071C Network Analyzer
1 Active Ch/Trace 2 Resonance 3 Stimulus 4 Meas/Analysis 5 Instr State



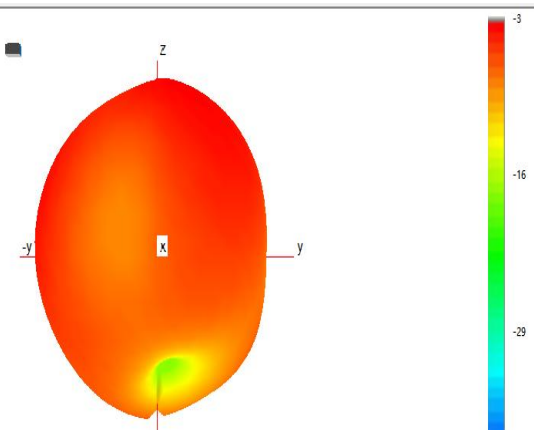
3、Passive data

Freq(MHz)	Gain(dBi)
600	-3.274355748
610	-2.854586241
620	-2.578981369
630	-2.382353196
640	-2.241430439
650	-1.873447854
660	-1.501819851
670	-1.442712573
680	-1.421640522
690	-1.708860754
700	-1.476913746
710	-1.470916429
720	-1.632349801
730	-1.811875195
740	-2.026310862
750	-2.229788956
760	-1.924789071
770	-1.497531736
780	-1.085136133
790	-0.87715243
800	-1.025654117
810	-1.267443151
820	-1.561450749
830	-2.049640956
840	-2.372813208
850	-2.537874037
860	-2.799329522
870	-3.107589292
880	-3.614478465
890	-3.924580987
900	-3.939305103
910	-3.929843212
920	-4.111127795
930	-4.51625939

B12/B17/B28

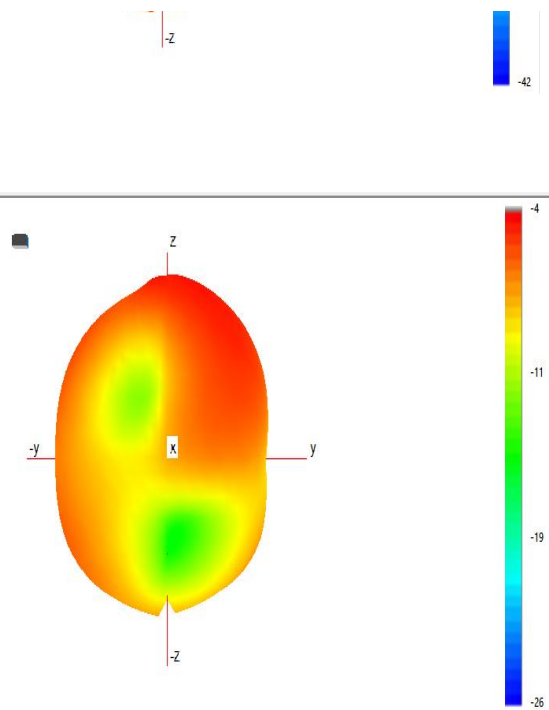


850/W5/B5/B19/B20/B26

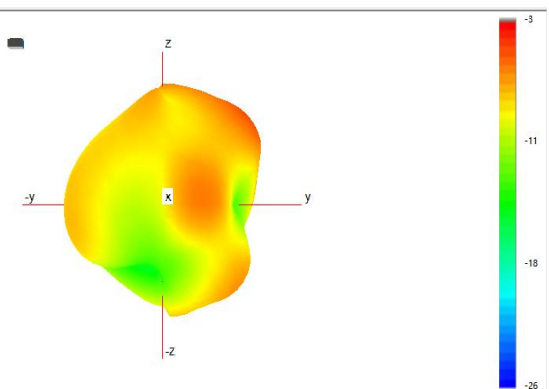


940	-5.227771615
950	-5.444810503
960	-5.160807603
1700	-4.887206929
1710	-3.243274846
1720	-1.997804408
1730	-1.13155626
1740	-0.731448816
1750	-0.343598824
1760	0.177335121
1770	0.093322584
1780	-0.733122128
1790	-2.181587004
1800	-3.807290068
1810	-4.091063352
1820	-3.96086257
1830	-3.863471632
1840	-3.789883494
1850	-4.047186625
1860	-4.205697437
1870	-4.418613016
1880	-4.398213417
1890	-4.629975375
1900	-4.512045366
1910	-4.004036442
1920	-3.457533512
1930	-3.107433394
1940	-3.039383673
1950	-2.782521888
1960	-2.480993729
1970	-2.452573233
1980	-2.579433018
1990	-2.551515097
2000	-1.820247869
2010	-1.06249499
2020	-0.549574288
2030	0.13599272
2040	0.693890895
2050	1.13189869
2060	1.132856195
2070	1.278070119
2080	1.264286769
2090	1.152578223
2100	1.048450694
2110	0.748934533
2120	0.401223586
2130	0.162503758
2140	-0.166326671
2150	-0.430265922
2160	-0.493721139
2170	-0.958620268
2180	-1.37244326
2190	-1.711455039
2200	-1.855856585
2210	-2.037876575

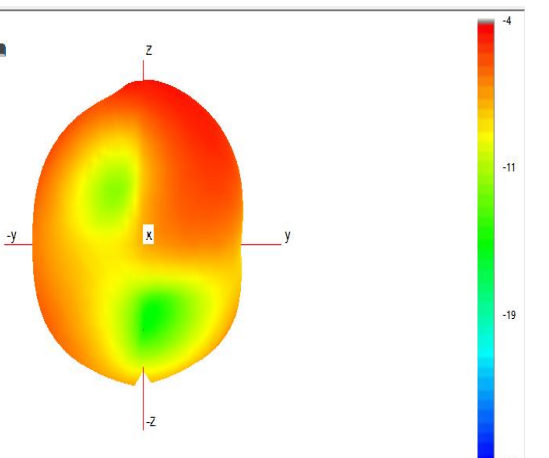
900/W8/B8



B3/B4/B66/G1800/W4

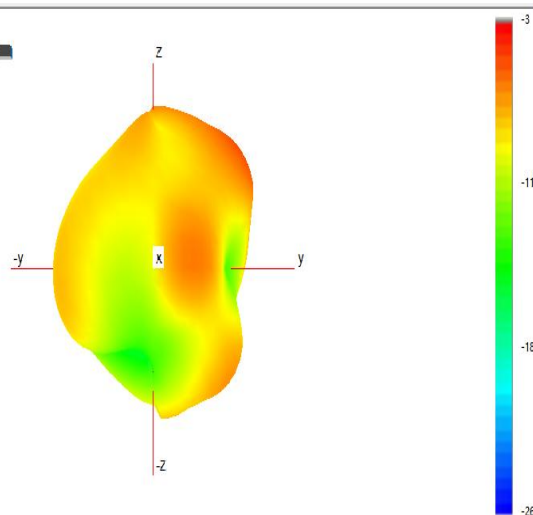


W1/B1

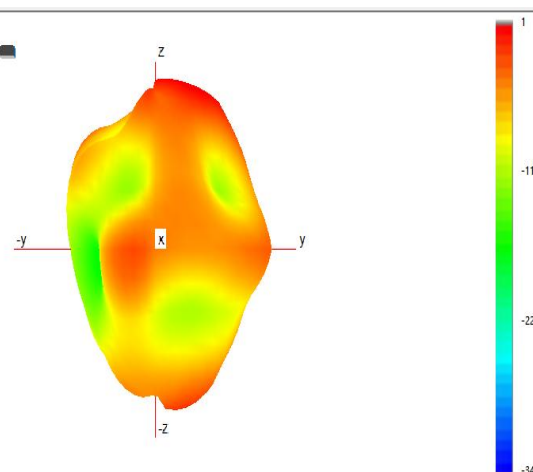


2220	-1.68673045
2230	-1.522129503
2240	-1.856660305
2250	-2.316272916
2260	-2.669284097
2270	-2.565779545
2280	-2.217234293
2290	-1.38504902
2300	-0.701117471
2310	-0.184768789
2320	0.156022199
2330	0.243924119
2340	0.87150693
2350	1.093396529
2360	1.033397865
2370	0.91755308
2380	0.620796073
2390	0.384377759
2400	0.119827571
2410	-0.162053651
2420	-0.61695542
2430	-1.009853703
2440	-1.40374424
2450	-1.632476242
2460	-1.849749245
2470	-1.825984864
2480	-1.736086364
2490	-1.495871034
2500	-1.564693764
2510	-1.456857213
2520	-1.212701546
2530	-0.756128929
2540	-0.215500734
2550	0.000808964
2560	-0.126303405
2570	-0.375113996
2580	-0.626521017
2590	-0.251004659
2600	0.20540754
2610	0.162285413
2620	0.222963291
2630	0.237326131
2640	0.599305891
2650	1.12697416
2660	1.314687431
2670	1.248104476
2680	1.364433554
2690	1.325972634
2700	1.672618575

B40



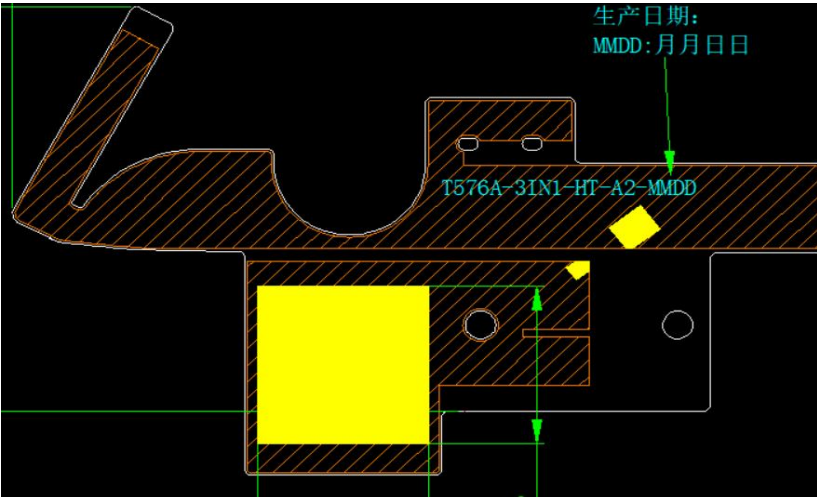
B7/B38/B41



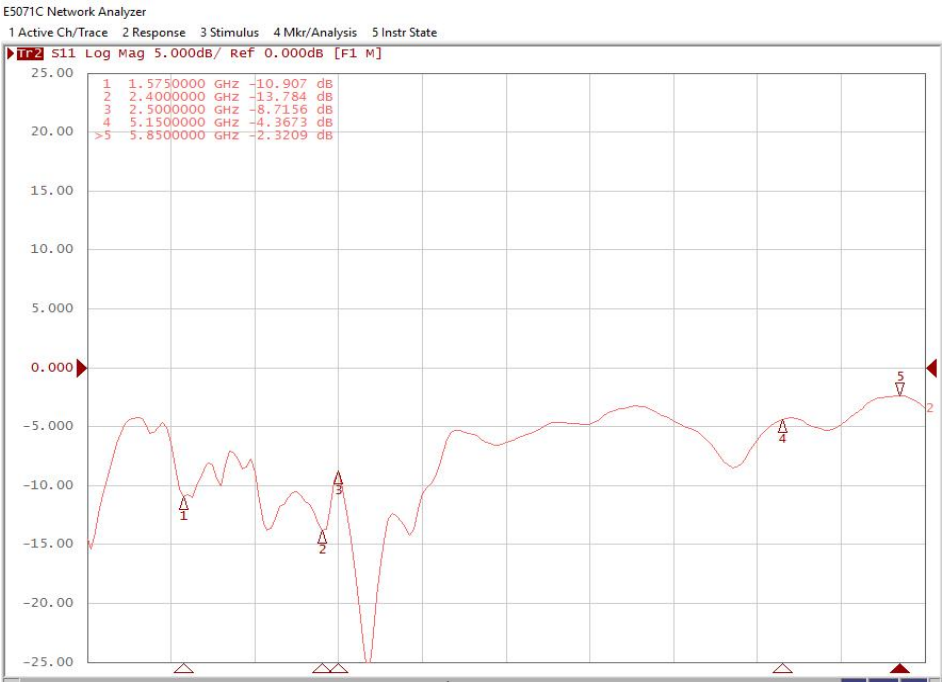
T576A gps+WiFi ant

ant spec	name	Number	texture of timber	area	Manufacturer
gps+WiFi	three-in-one antenna	1	FPC copper	25*58mm	Haitong Communication Electronics Co., Ltd.

1、Antenna 2D



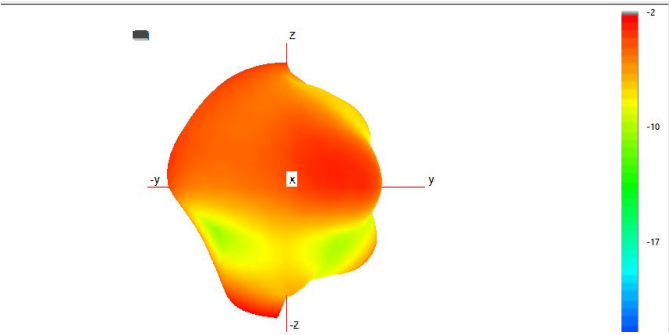
2、Smith/S11



3、Passive data

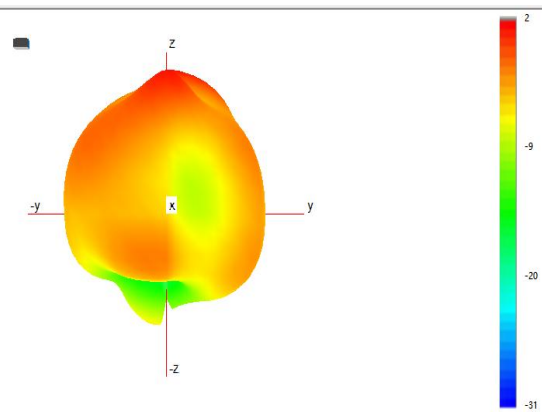
Freq(MHz)	Gain(dBi)
1575	-2.41415065
2300	0.591336499
2310	0.686382368
2320	0.742722504
2330	0.780722933
2340	1.166433401
2350	1.146578951

GPS

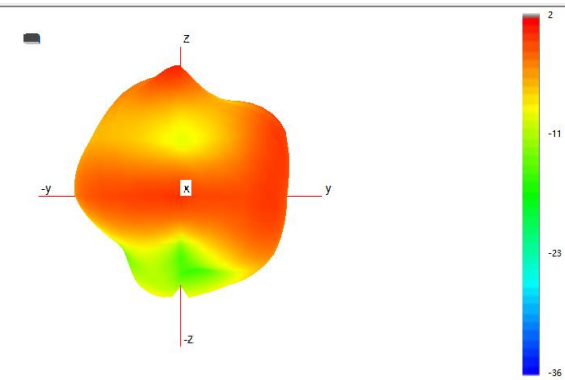


2360	1.03582671
2370	0.971687479
2380	1.003018571
2390	0.997876386
2400	1.009669112
2410	1.067002594
2420	1.000532694
2430	0.945294737
2440	0.930329736
2450	1.182192171
2460	1.120159874
2470	1.028379197
2480	0.865235009
2490	0.999643342
2500	1.053905112
2510	1.019140974
2520	1.058532292
2530	1.292712496
2540	1.277737221
2550	0.605394054
2560	0.549566792
2570	0.482311775
2580	0.316262044
2590	0.000622397
2600	0.092121537
2610	-0.062357603
2620	-0.165619139
2630	-0.152054605
2640	0.305720191
2650	0.56957903
2660	0.840574012
2670	0.747629888
2680	0.702952547
2690	0.414449478
2700	0.433340496
5000	-2.211481867
5020	-2.402828046
5040	-2.61364958
5060	-2.503513598
5080	-2.528568444
5100	-2.44907611
5120	-1.991263427
5140	-1.575039227
5160	-0.896273438
5180	-0.718514581
5200	-0.190033946
5220	0.686366402
5240	0.881522839
5260	1.057068861
5280	0.999276864
5300	1.031745016
5320	1.417709229
5340	1.762324018
5360	1.803727704
5380	1.96837766

2. 4G



5G



5400	1.660656189
5420	1.680853963
5440	2.550059997
5460	2.306980395
5480	1.611892853
5500	1.100836543
5520	0.992027001
5540	0.958066032
5560	1.028770826
5580	1.451503032
5600	1.834695278
5620	1.562690038
5640	2.11109794
5660	2.565407801
5680	2.617620116
5700	2.592602385
5720	2.518788035
5740	2.180728296
5760	2.132040452
5780	1.51484196
5800	1.831121944
5820	1.478912386
5840	0.974695801
5860	1.211004197
5880	0.24193692
5900	-0.373072944
5920	0.091168898
5940	0.048116169
5960	0.500975005
5980	-0.100457495
6000	-0.772557837