

Honeywell				Deviation Report	
Part Number料号	3015-9878-001	Part Revision 料件版本	A0	Dated 日期	2025/2/24
Drawing Number图号					
Part description料件描述					
Item	Specification	Deviation			
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

SPECIFICATION

SHEET FOR APPROVAL

(Revision: R: A0)

CUSTOMER(客户名称)	Honeywell
CS P/N(客户机种)	CT32
PART NAME(品名)	上天线-0703组件
FREQUENCY(频率)	B1/3/5/7/8/20/28/71/38/40/41/12/13/14 N38/40/41/77/78/79 N1/2/3/5/7/8/25/28/71/12 W1/5/8 850/900/1800/1900 WIFI 2.4G/5G
ZTX NO.(物料编号)	2.00001508
DATE(日期)	2025/2/24

CUSTOMER			
QA CHECKED	ME CHECKED	RF CHECKED	MANAGER CHECKED

Remark(备注):

Sign(客户确认签字盖章):

Shenzhen ZTX Communication Technology Co., Ltd				
MANAGER CHECKED	MANAGER CHECKED	ME CHECKED	RF CHECKED	LISTER
		刘长林	冯文其	



Shenzhen ZTX Communication Technology Co., Ltd

Address: No. 34, Shilong Avenue, Shiyan Town, Baoan District, Shenzhen,
(Tengda Industrial Park)

zip code: 518000

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<http://www.chinaztx.com>

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PPAP check list

Requirement Alignment

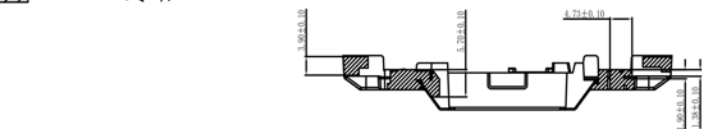
Deviation Report (偏差报告)

Part Submission Warrant (PSW)

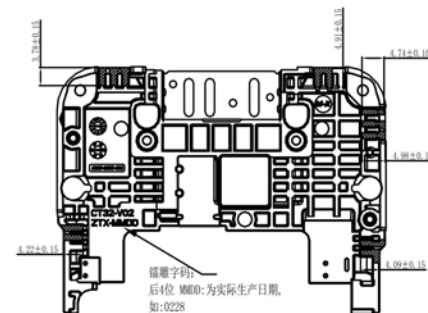
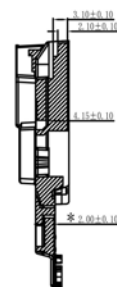
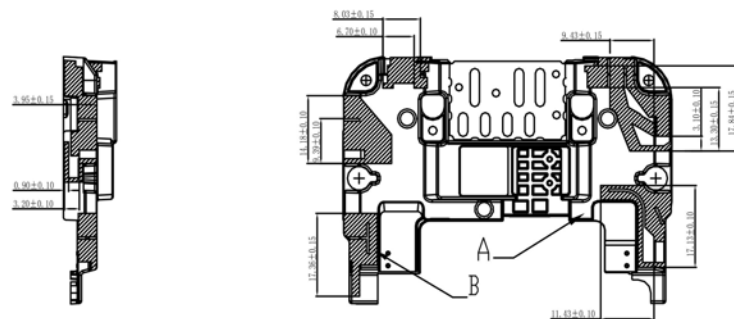
Cover (封面)

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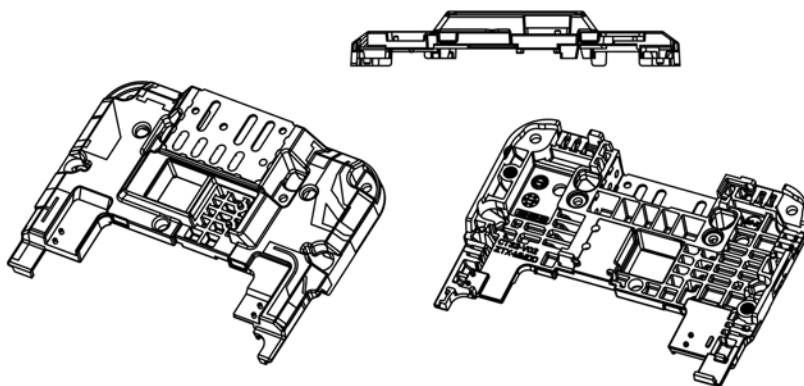
A



B



C



D

B	LDS天线	LDS 蚀雕+电镀工艺; CU:9-12um; NI:2-6um;	1	
A	天线支架	Sabic DX11355	1	
序号	产品名称	材料及规格要求	数量	备注

备注:

1. 图中所标注尺寸为FAI尺寸, 带*的为重点管控尺寸和IQC必测项, 带的尺寸为CPK尺寸, CPK值 ≥ 1.33 ;
2. 材质说明详见物料表;
3. 线路要用治具检测驻波一致性和外观;
4. 线路能通过百格测试(十字交叉点有少量覆膜层脱落, 但脱落覆膜层的比例低于整个方格的5%),
需过48小时盐雾试验(铜锡层除外); 高温/冷热冲击测试;
5. 产品需清洁, 不可脏污, 外观不可有磁花、刮伤、溢酸、多镀、短线等;
6. 底壳天线支架注意外观面, 不能有感划伤、破损、碰伤、变形、缩水、脏污等不良;
7. 包装用天线支架来料专用吸塑托盘和纸箱包装;
8. 材料符合ROHS2.0, 无卤素, REACH环保要求; 产品或部件符合欧洲议会指令2011/65/EU及其修订指令(EU) 2015/863关于电气和电子设备中限制使用某些有害物质。

ZTX 深圳市中天迅通信技术有限公司
Shenzhen ZHONGTIANXUN Communication Technology Shares Co., Ltd.

Shenzhen ZHONGTIANXUN Communication Technology Shares Co., Ltd

General Tolerance		Date	Unit	Rev	Scale	Project Code
Range	Plastic	日期: 2025.02.20	单位: mm	版本: V1	比例: 1:1	项目代码: ztx4677
0~6	±0.05	Designed 设计:	Material 材料: 			Project Name
6~10	±0.05					项目名称: CT32
10~20	±0.08					
20~50	±0.10	Checked 审核:	Process 工艺: 			Product Name
50~100	±0.12					产品名称: 上天线-0703组件
100~	±0.15	Approval	Third Angle			Material Code
Unspecified angular tolerance ±1.5		批准:	第三视角			物料编码: 2.00001508

A

F

C

11

Active Test

B1	17.79	
	18.25	
	18.91	-93.05
B3	17.31	
	18.91	
	18.84	-92.93
B5	16.27	
	15.61	
	15.23	-92.37
B7	16.13	
	16.35	
	16.5	-90.64
B8	15.89	
	15.51	
	15.56	-91.35
B20	15.72	
	15.74	
	15.73	-91.84
B28	15.35	
	16.05	
	16.28	-90.93
B71	15.35	
	15.39	
	14.75	-89.01
B38	17.65	
	17.83	
	18.1	-90.57
B40	17.05	
	17.15	
	17.48	-91.74
B41	18.39	
	17.75	
	18.51	-89.8
B12	14.5	
	15.39	
	15.7	-90.41
B13	15	
	14.5	
	14.1	-89.24
B14	14.64	
	14.56	
	14.08	-89.74

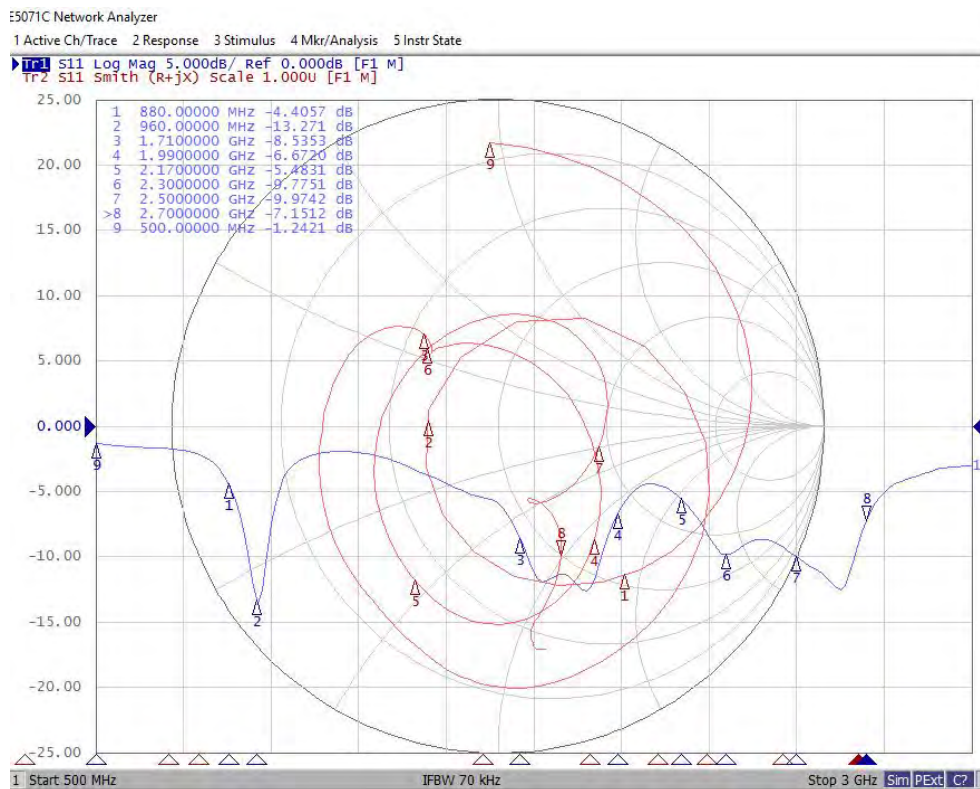
N38	18.37	
	18.01	
	17.24	-90.78
N40	16.23	
	16.36	
	16.98	-90.63
N41	19.79	
	19.78	
	18.96	-87.25
N77	17.78	
	17.58	
	17.14	-88.41
N78	17.95	
	18.39	
	18.73	-88.9
N79	19.39	
	18.88	
	17.65	-89.14

N1	18.36	
	19.15	
	19.24	-92.27
N2	18.62	
	18.54	
	18.21	-93.47
N3	18.49	
	18.37	
	18.12	-91.67
N5	15.92	
	15.22	
	15.35	-89.68
N7	16.44	
	16.52	
	16.09	-91.75
N8	15.57	
	16.59	
	15.7	-90.47
N25	19.67	
	19.31	
	19.94	-94.78
N28	16.34	
	15.32	
	15.91	-90.18
N71	16.52	
	15.78	
	16.38	-89.75
N12	15.34	
	15.36	
	15.04	-90.67

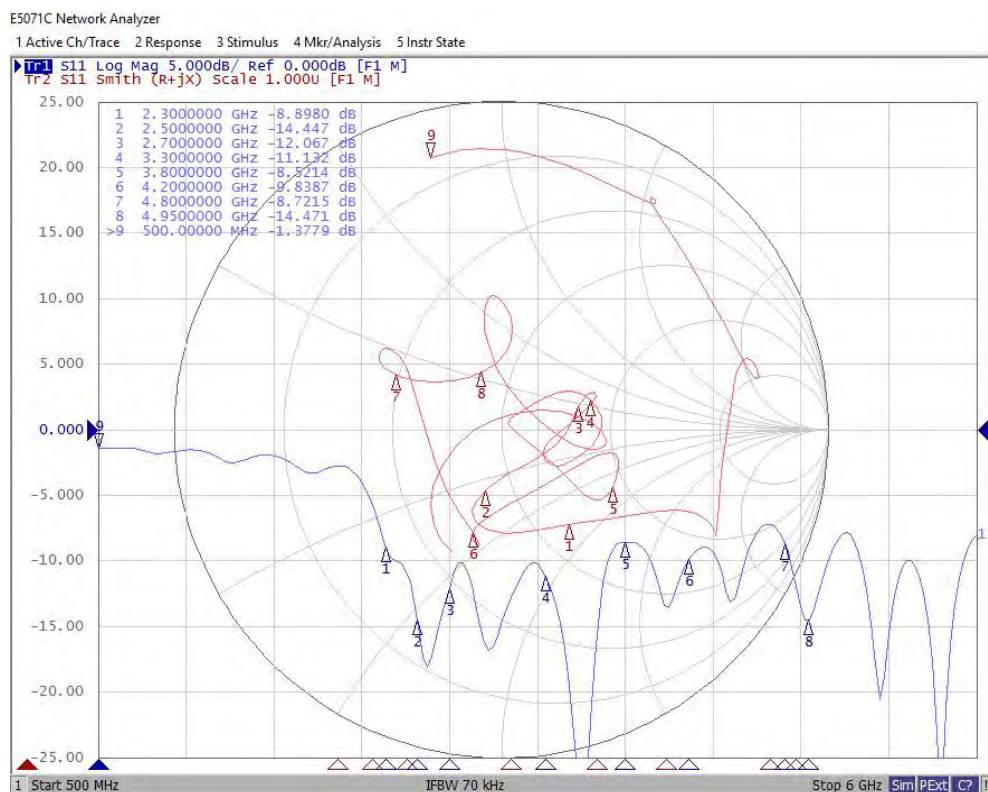
W1	19.47	
	19.19	
	19.57	-102.69
W5	16.78	
	16.68	
	16.53	-102.87
W8	16.29	
	16.38	
	16.42	-102.43
850	24.62	
	24.92	
	24.95	-101.87
900	23.74	
	24.49	
	23.82	-102.24
1800	24.85	
	25.48	
	26.67	-104.45
1900	26.18	
	26.03	
	25.58	-103.78

2.4G	1	13.4	-82.41
	6	13.5	-81.47
	11	13.2	-80.34
5G	36	11.4	-65.77
	149	11.3	-65.03
	157	11.4	-65.41

ANT0



ANT1



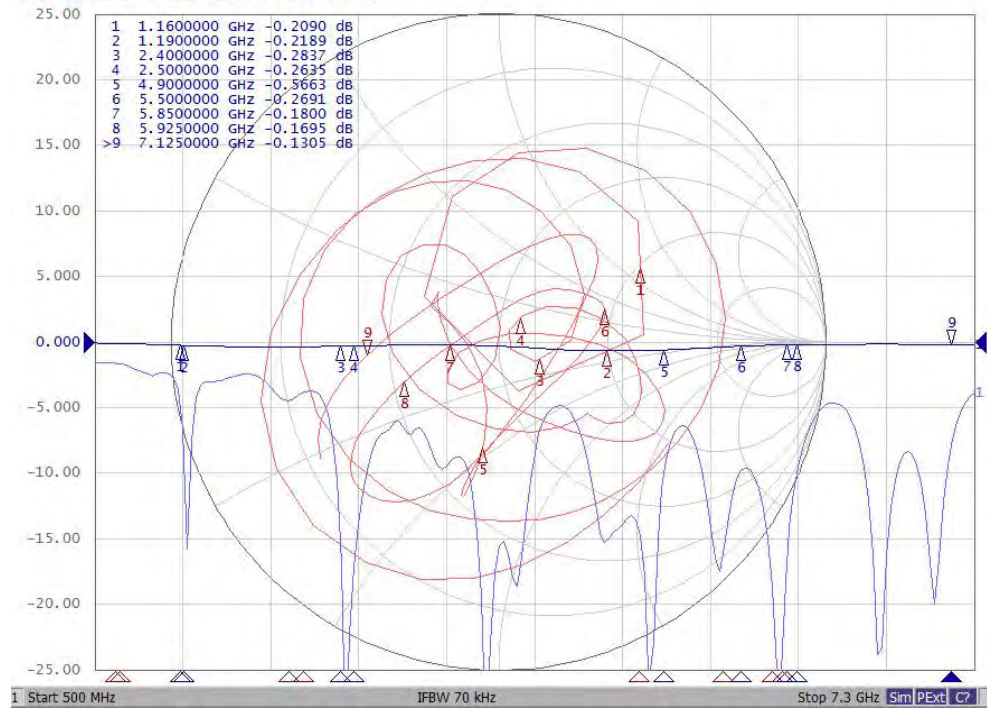
ANT2

5071C Network Analyzer

1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F1 D&M]

Tr2 S11 Smith (R+jX) Scale 1.000U [F1 M]



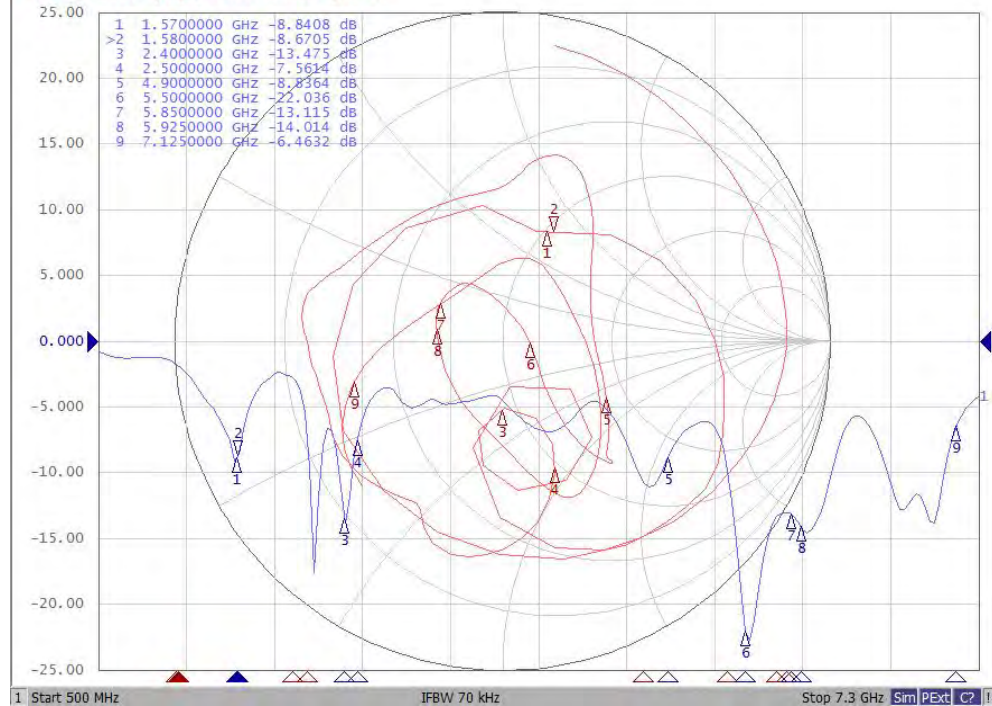
ANT3

E5071C Network Analyzer

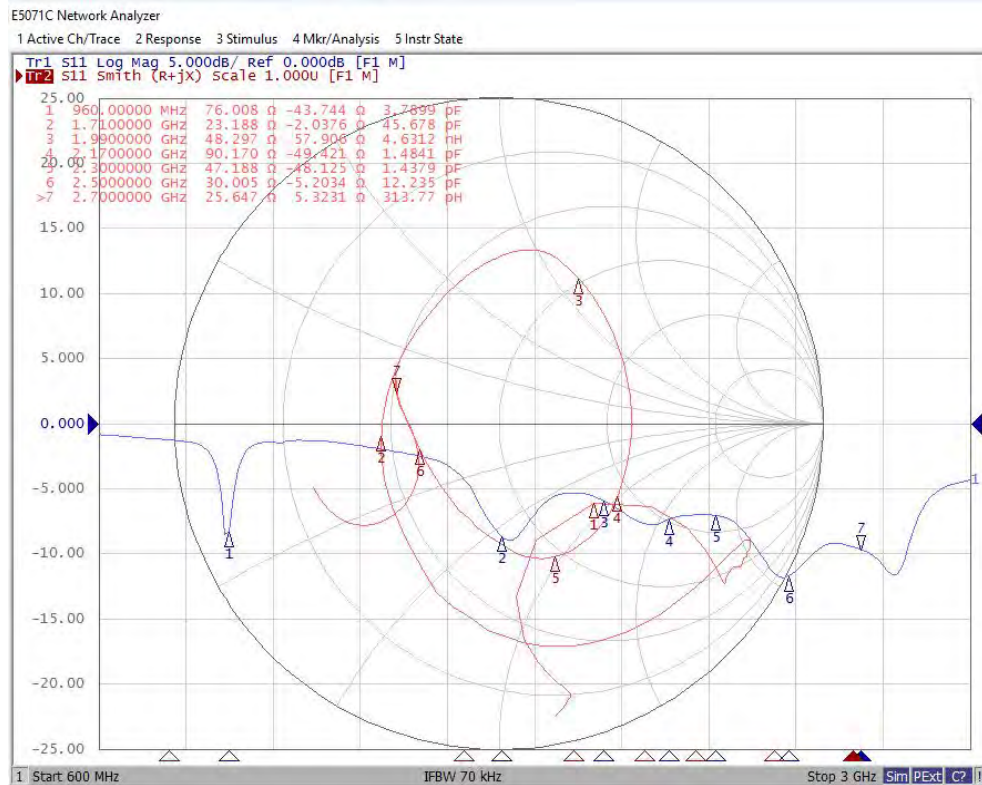
1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F1 M]

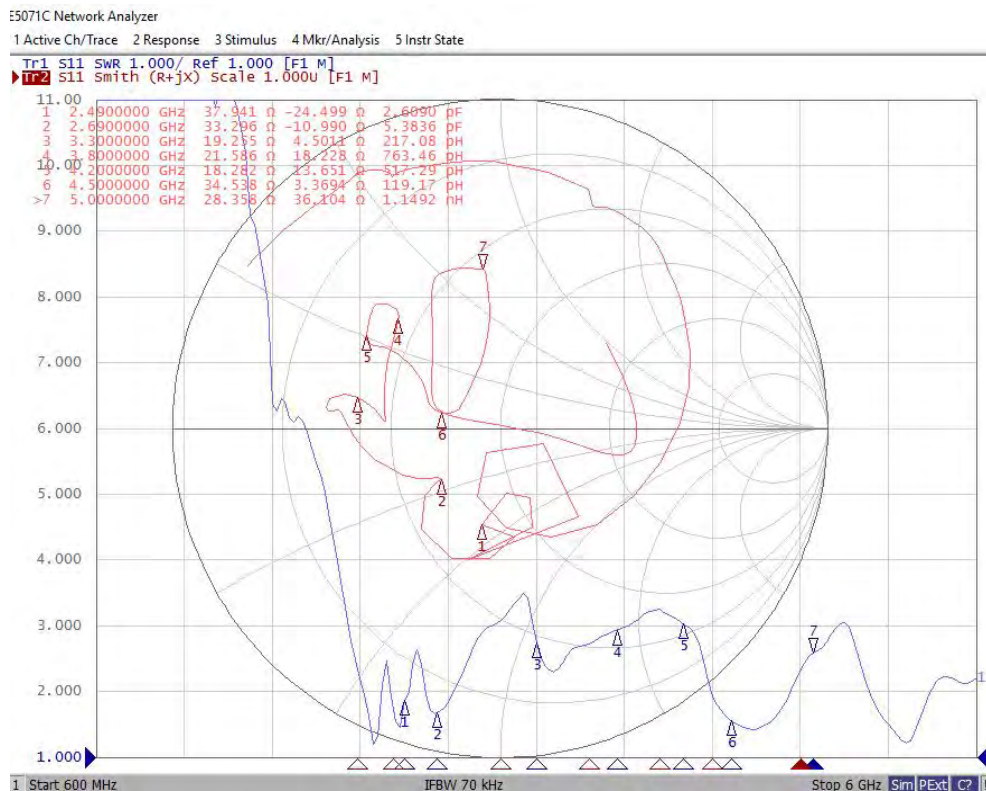
Tr2 S11 Smith (R+jX) Scale 1.000U [F1 M]



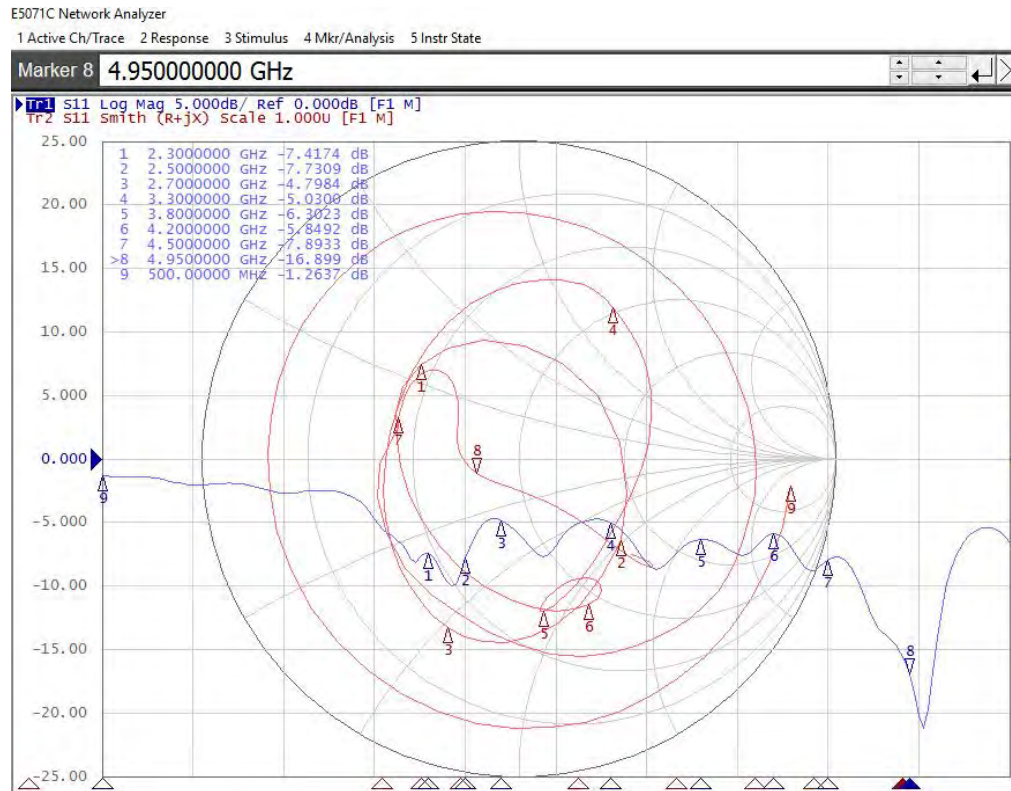
ANT4



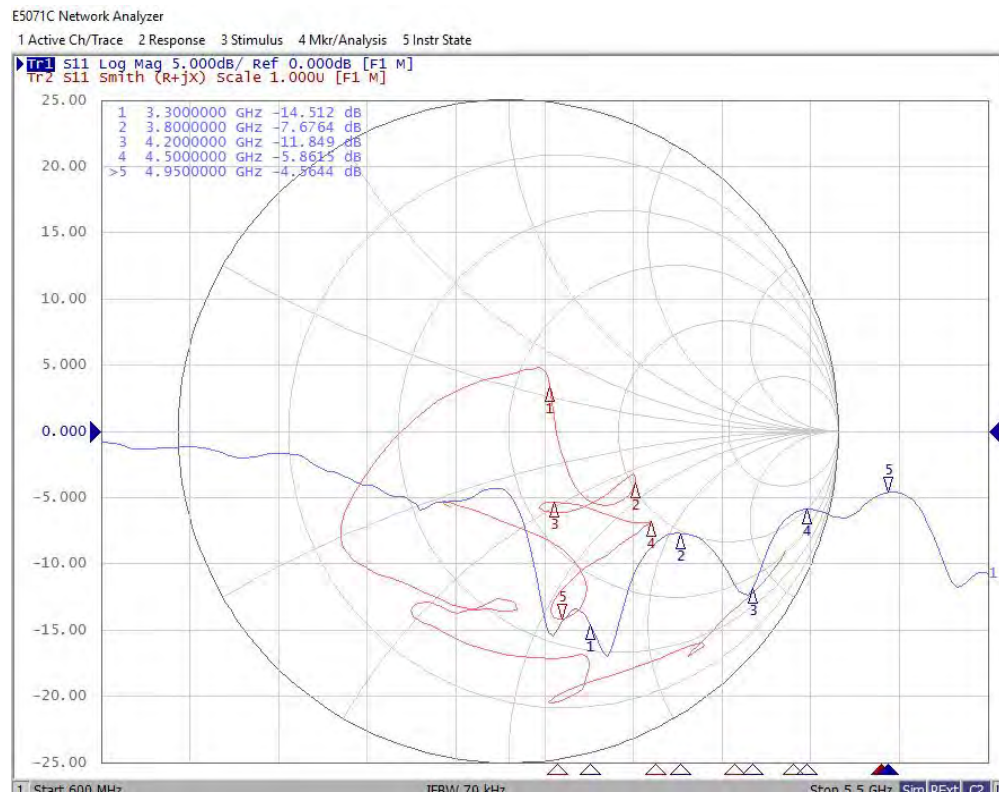
ANT5



ANT6



ANT7



Passive Test

ANTO			
Frequency	Efficiency	Efficiency . dB	Gain . dB
880000000	18%	-7.453495933	-2.576223019
890000000	19%	-7.150680318	-2.385169339
900000000	21%	-6.746697956	-1.935741604
910000000	24%	-6.152751426	-1.701888832
920000000	26%	-5.897356417	-1.870384393
930000000	25%	-5.994779265	-1.822861297
940000000	23%	-6.424421782	-1.754677083
950000000	20%	-7.09160295	-2.844757218
960000000	17%	-7.580257772	-3.205851367
1700000000	24%	-6.120750723	0.615052849
1710000000	23%	-6.325644059	0.304601992
1730000000	24%	-6.286493836	0.2009724
1750000000	24%	-6.286515394	-0.055351496
1770000000	25%	-6.045969456	-0.034829907
1790000000	27%	-5.760474195	-0.085850969
1800000000	26%	-5.926994176	-0.000365952
1820000000	25%	-5.974287055	0.078691647
1840000000	25%	-5.964777539	-0.010877531
1860000000	26%	-5.806469752	0.056424899
1880000000	24%	-6.13177964	-0.517976692
1900000000	22%	-6.519341664	-1.077717985
1920000000	23%	-6.440637253	-1.096929134
1940000000	24%	-6.179523747	-1.249777624
1960000000	24%	-6.284145647	-1.755038457
1980000000	24%	-6.197331559	-1.794552532
2000000000	23%	-6.402073975	-1.570515954
2020000000	22%	-6.651038268	-1.490370156
2040000000	22%	-6.624650919	-1.179932237
2060000000	20%	-6.962558622	-1.665347809
2080000000	20%	-6.890020092	-1.239383761
2100000000	21%	-6.735427314	-0.754922369
2120000000	22%	-6.659252819	-0.934661487
2140000000	23%	-6.383864447	-0.027903049
2160000000	25%	-5.957728784	0.387781211
2180000000	27%	-5.735277875	0.408757069
2200000000	28%	-5.596121595	0.585823135
2220000000	28%	-5.489034818	0.629623049
2240000000	30%	-5.249804634	0.727365319
2260000000	30%	-5.201713603	0.680838042
2280000000	32%	-4.931738685	0.425387114
2300000000	34%	-4.736642584	0.360371833
2320000000	36%	-4.455460978	0.555787717
2340000000	39%	-4.080361629	0.681248235
2360000000	41%	-3.900449401	0.80093872
2380000000	42%	-3.811363353	1.106593534
2400000000	42%	-3.747051229	0.754961898
2420000000	41%	-3.857579627	0.415941681
2440000000	40%	-3.933169334	0.513214552
2460000000	40%	-3.956122932	0.769150217
2480000000	39%	-4.134570462	0.403293195
2500000000	35%	-4.499718197	0.001168703
2520000000	34%	-4.712281379	0.027960187
2540000000	32%	-4.941990369	-0.088494538
2560000000	29%	-5.354081348	-0.331695859
2580000000	29%	-5.382553202	-0.69322419
2600000000	27%	-5.610036356	-1.20240177
2620000000	26%	-5.811337238	-1.910020858
2640000000	26%	-5.868018538	-2.074656662
2660000000	24%	-6.275591079	-2.368046409
2680000000	23%	-6.407831314	-2.668805866
2700000000	23%	-6.454008808	-2.587363345

ANT1			
Frequency	Efficiency	Efficiency . dB	Gain . dB
2300000000	20%	-6.950630626	-1.035034456
2320000000	20%	-6.913383603	-1.765583767
2340000000	22%	-6.600030796	-1.397512516
2360000000	25%	-6.100645587	-0.971543561
2380000000	27%	-5.631316044	-0.697539104
2400000000	30%	-5.284766608	-0.248738907
2420000000	32%	-4.92018071	-0.130902178
2440000000	35%	-4.565277616	0.352207102
2460000000	36%	-4.397912755	0.66152471
2480000000	38%	-4.216932685	0.757652091
2500000000	40%	-3.987529253	1.448438908
2520000000	41%	-3.921663154	1.447423358
2540000000	40%	-3.981157143	0.909533093
2560000000	39%	-4.042777799	0.814890714
2580000000	38%	-4.20281744	0.381671708
2600000000	35%	-4.554523798	-0.165181906
2620000000	33%	-4.844780596	-0.140768909
2640000000	30%	-5.243758959	-0.257442944
2660000000	30%	-5.245252422	-0.675313842
2680000000	27%	-5.693413363	-1.729969683
2700000000	28%	-5.57345255	-1.574673303
3300000000	28%	-5.569691596	-0.381740427
3350000000	30%	-5.220768551	-0.533970158
3400000000	27%	-5.724552642	-0.3466305
3450000000	24%	-6.158486967	-1.147109643
3500000000	23%	-6.325644059	0.304601992
3550000000	24%	-6.286493836	0.2009724
3600000000	24%	-6.286515394	-0.055351496
3650000000	25%	-6.045969456	-0.034829907
3700000000	27%	-5.760474195	-0.085850969
3750000000	26%	-5.926994176	-0.000365952
3800000000	25%	-5.974287055	0.078691647
3850000000	25%	-5.964777539	-0.010877531
3900000000	20%	-6.904845514	-0.050051494
3950000000	22%	-6.595592485	0.107543454
4000000000	24%	-6.16628932	0.302434422
4050000000	27%	-5.714470206	0.503766199
4100000000	28%	-5.507789083	0.799158994
4150000000	28%	-5.482986069	0.804630583
4200000000	29%	-5.420448353	1.048446234
4250000000	28%	-5.464960999	1.417488444
4300000000	28%	-5.486178119	1.328693043
4350000000	30%	-5.200609878	1.071115925
4400000000	31%	-5.127277179	1.384857487
4450000000	33%	-4.846355871	1.939930339
4500000000	35%	-4.526539743	1.771700467
4550000000	35%	-4.572528988	1.364917224
4600000000	34%	-4.628876934	1.344039146
4650000000	34%	-4.72891595	1.162538064
4700000000	33%	-4.767630701	1.573474101
4750000000	32%	-4.886976306	1.784281529
4800000000	33%	-4.781308612	2.270501987
4850000000	35%	-4.530181288	2.443319795
4900000000	36%	-4.453522818	2.726470618
4950000000	36%	-4.486883888	2.727221546
5000000000	35%	-4.564077241	2.425238599

ANT2			
Frequency	Efficiency	Efficiency . dB	Gain . dB
1150000000	19%	-7.25103734	-2.82132438
1160000000	20%	-7.029372053	-2.52976481
1170000000	20%	-7.057156576	-2.66072463
1180000000	21%	-6.876926436	-3.03498356
1190000000	21%	-6.812250689	-3.48412795
1200000000	21%	-6.729175811	-3.84543702
1210000000	21%	-6.705401019	-3.87660559
2400000000	41%	-3.837489697	1.656914667
2410000000	42%	-3.791386742	1.893009318
2420000000	43%	-3.690853556	1.961489717
2430000000	43%	-3.627056685	2.104017744
2440000000	43%	-3.660979449	2.292165346
2450000000	42%	-3.7360145	2.230326302
2460000000	40%	-3.960289851	1.806177119
2470000000	40%	-3.999924248	1.617183502
2480000000	39%	-4.083304101	1.422159953
2490000000	38%	-4.236787791	1.556388143
2500000000	37%	-4.361557379	1.760855074
4900000000	27%	-5.66586049	1.358959345
4950000000	28%	-5.5351267	1.026887428
5000000000	29%	-5.442198664	0.125219031
5050000000	28%	-5.535817186	0.033394772
5100000000	28%	-5.592467949	0.526612032
5150000000	26%	-5.889142803	0.484818632
5200000000	25%	-6.017450042	0.326745018
5250000000	26%	-5.814432331	0.6434171
5300000000	29%	-5.338904286	0.787287323
5350000000	30%	-5.294360316	0.970344292
5400000000	31%	-5.062625136	1.477897329
5450000000	32%	-4.981793918	1.671593409
5500000000	32%	-4.91932459	1.544995952
5550000000	32%	-4.960244784	1.490609685
5600000000	31%	-5.03504863	1.329382946
5650000000	32%	-4.892370563	1.315762009
5700000000	31%	-5.019657743	1.120558142
5750000000	32%	-4.959412219	0.905555547
5800000000	32%	-4.936074305	0.532440203
5850000000	32%	-4.945675362	0.203634293

ANT3			
Frequency	Efficiency	Efficiency . dB	Gain . dB
1550000000	26%	-5.925721098	-1.127237941
1555000000	26%	-5.824295687	-1.188620652
1560000000	27%	-5.646716449	-1.162972549
1565000000	29%	-5.449866044	-1.371500286
1570000000	30%	-5.224685523	-1.112418811
1575000000	31%	-5.041478542	-1.066544948
1580000000	32%	-4.917654022	-0.808494948
2400000000	36%	-4.427201521	0.49066794
2410000000	35%	-4.531869034	0.397052448
2420000000	36%	-4.423901461	0.562500018
2430000000	36%	-4.383191858	0.728075202
2440000000	36%	-4.430320106	0.208838496
2450000000	36%	-4.465035656	-0.309185206
2460000000	34%	-4.677849079	-0.429792919
2470000000	33%	-4.807754182	-0.191810128
2480000000	32%	-4.953042552	-0.302196848
2490000000	32%	-4.954443725	-0.407309248
2500000000	30%	-5.172495815	-0.855529367
4900000000	34%	-4.717331515	0.469947915
4950000000	32%	-4.894794334	0.550303094
5000000000	32%	-5.01239114	0.179568402
5050000000	32%	-4.998024698	0.2005649
5100000000	31%	-5.022745798	0.010623476
5150000000	30%	-5.213341422	0.385491552
5200000000	28%	-5.519878623	0.592780074
5250000000	26%	-5.798529535	0.411955773
5300000000	27%	-5.722947096	0.652121746
5350000000	26%	-5.856658895	0.112866183
5400000000	29%	-5.372402783	0.460564537
5450000000	32%	-4.914715098	0.852401372
5500000000	36%	-4.403448528	1.110946156
5550000000	38%	-4.189386665	0.985701153
5600000000	39%	-4.086218662	0.993574652
5650000000	42%	-3.777559667	1.288732505
5700000000	42%	-3.813393839	1.221966673
5750000000	42%	-3.786060809	1.42473504
5800000000	42%	-3.798253179	1.550547574
5850000000	42%	-3.789830034	1.775427041

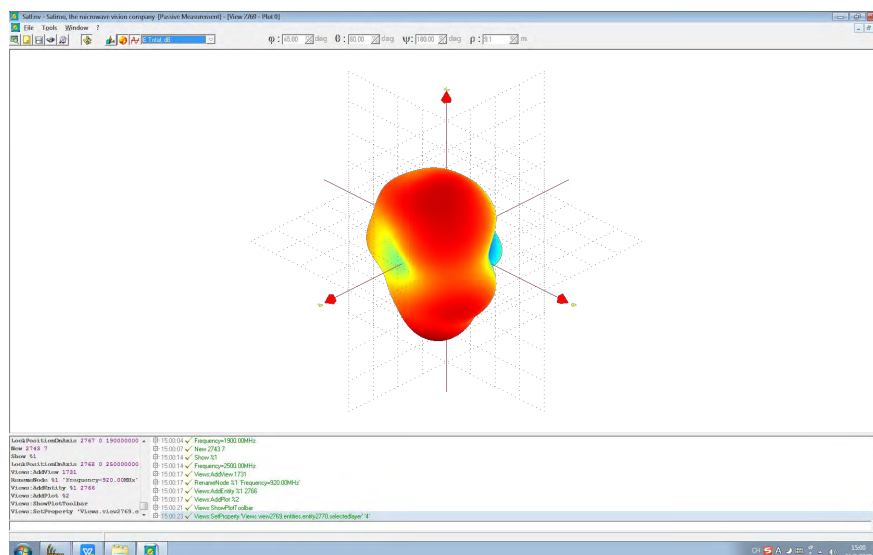
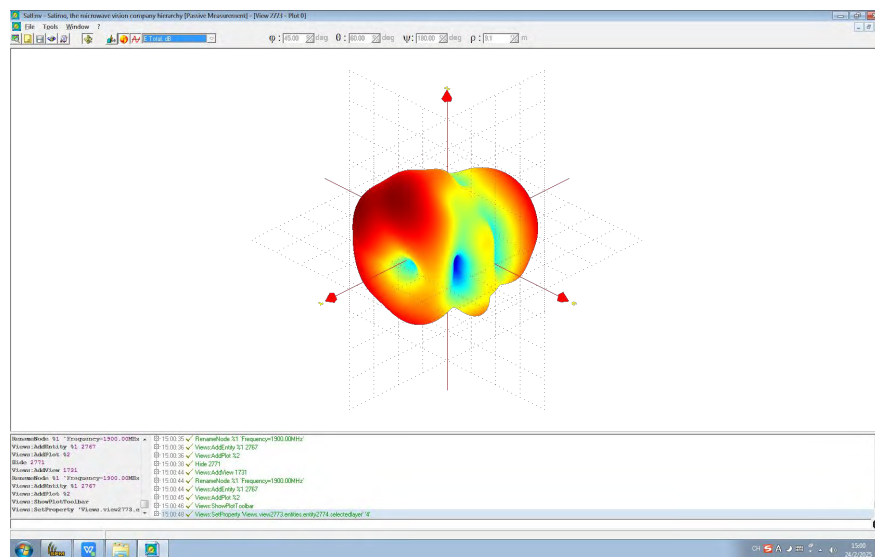
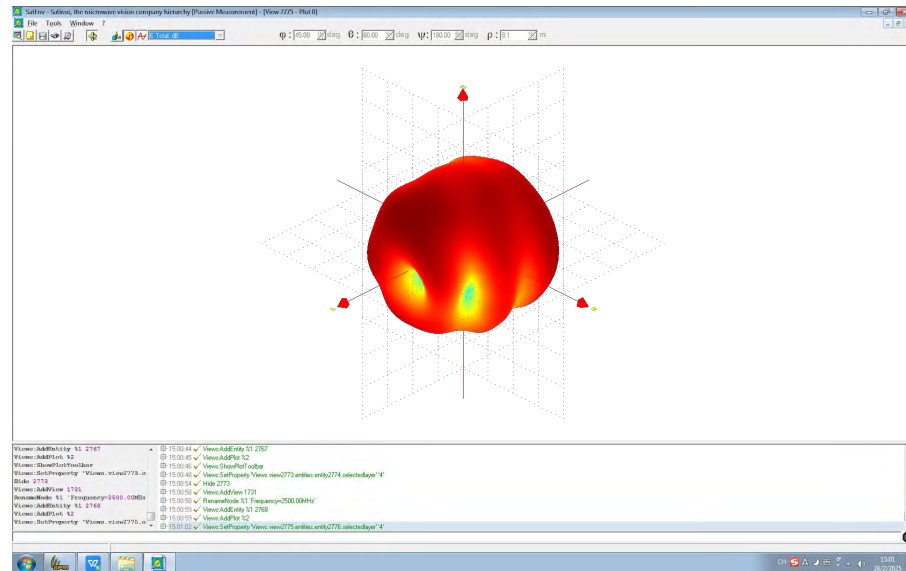
ANT4			
Frequency	Efficiency	Efficiency . dB	Gain . dB
880000000	2%	-16.7608207	-13.37878387
890000000	3%	-15.20930624	-11.56301796
894000000	4%	-14.50838327	-10.87695088
900000000	4%	-13.52792221	-9.792756034
910000000	7%	-11.78181366	-7.840587217
920000000	11%	-9.763668788	-5.781027767
930000000	17%	-7.68921507	-3.707661014
940000000	26%	-5.864298801	-2.002037839
950000000	31%	-5.072254327	-1.325555533
960000000	27%	-5.64707478	-1.780326853
970000000	20%	-7.036199274	-2.942136041
980000000	14%	-8.643520576	-4.584173929
990000000	10%	-10.07320485	-5.907533683
1000000000	7%	-11.48610889	-7.21547146
1710000000	27%	-5.644815099	0.221385634
1730000000	29%	-5.443491703	0.389715041
1750000000	30%	-5.223295274	0.699350209
1770000000	31%	-5.136870173	0.870366324
1790000000	31%	-5.12482247	0.899490295
1810000000	30%	-5.190134558	0.760776296
1830000000	29%	-5.43426027	0.558258757
1850000000	28%	-5.466127252	0.653983739
1870000000	28%	-5.47509413	0.697528685
1890000000	27%	-5.654714742	0.402297194
1910000000	27%	-5.680289114	0.411664536
1930000000	27%	-5.674703287	0.175782352
1950000000	27%	-5.645324936	0.196495052
1970000000	28%	-5.604003198	0.645433759
1990000000	26%	-5.807277518	0.148790029
2010000000	27%	-5.731688217	0.551602998
2030000000	26%	-5.913340719	-0.108659157
2050000000	27%	-5.629777991	0.73393967
2070000000	26%	-5.811985422	0.358968278
2090000000	27%	-5.722913734	0.674386794
2110000000	27%	-5.69951848	0.769976951
2130000000	26%	-5.866581756	0.722653091
2150000000	25%	-6.065342396	0.773100406
2170000000	22%	-6.55140239	0.33680199
2300000000	20%	-6.950630626	-1.035034456
2320000000	20%	-6.913383603	-1.765583767
2340000000	20%	-6.913708846	-1.654409739
2360000000	19%	-7.109816276	-1.802761285
2380000000	19%	-7.129364947	-2.211321039
2400000000	18%	-7.46781833	-2.871292937
2420000000	18%	-7.490803517	-3.092882224
2440000000	17%	-7.586132856	-2.881915882
2460000000	16%	-7.853152609	-3.054809315
2480000000	17%	-7.754401431	-3.084407726
2500000000	16%	-8.014571192	-3.066580294
2520000000	16%	-8.082685708	-2.794515311
2540000000	14%	-8.409292213	-3.160239352
2560000000	14%	-8.494084077	-3.140961692
2580000000	14%	-8.4099285	-2.87474654
2600000000	14%	-8.578040758	-2.891207556
2620000000	14%	-8.50551614	-2.70082063
2640000000	14%	-8.576393581	-2.522089075
2660000000	15%	-8.323808691	-2.267921515
2680000000	14%	-8.432640405	-2.188252608
2690000000	15%	-8.300304877	-2.144407259

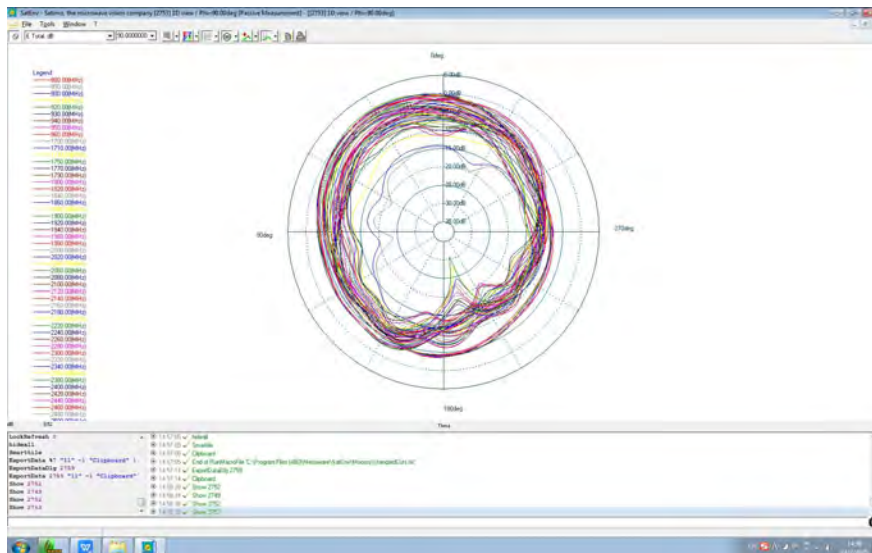
ANT5			
Frequency	Efficiency	Efficiency . dB	Gain . dB
2480000000	29%	-5.318844346	-0.698671996
2500000000	43%	-3.671904233	0.665512229
2520000000	39%	-4.13128347	0.387401307
2540000000	34%	-4.696998284	0.029852626
2560000000	27%	-5.694304983	-1.038393003
2580000000	24%	-6.191395008	-1.80471877
2600000000	25%	-5.988794088	-1.490601915
2620000000	33%	-4.865247689	-0.230388573
2640000000	38%	-4.148238423	0.832623477
2660000000	45%	-3.494318498	1.168478743
2680000000	44%	-3.558123534	1.058286508
2700000000	47%	-3.270645401	1.290758756
3300000000	38%	-4.222364241	1.135236029
3350000000	44%	-3.608788635	2.187260095
3400000000	42%	-3.741209206	2.123497458
3450000000	42%	-3.719946001	1.916203228
3500000000	41%	-3.924641875	1.845504155
3550000000	38%	-4.184879655	1.90452112
3600000000	35%	-4.534214753	1.529425033
3650000000	33%	-4.796863322	1.231590293
3700000000	31%	-5.066637887	0.740605971
3750000000	30%	-5.229639581	0.337723325
3800000000	29%	-5.319095732	0.275873403
3850000000	30%	-5.206805468	0.386884085
3900000000	32%	-4.982143304	0.303218303
3950000000	33%	-4.831640218	0.684665962
4000000000	35%	-4.603238144	0.91521778
4050000000	37%	-4.355054832	0.794527174
4100000000	38%	-4.171053463	0.602954066
4150000000	39%	-4.130293567	0.981108225
4200000000	39%	-4.128344234	1.064511783
4250000000	34%	-4.669095654	0.675239903
4300000000	30%	-5.254476871	0.193259872
4350000000	35%	-4.613782895	0.470922426
4400000000	42%	-3.747598477	1.420921793
4450000000	47%	-3.306703124	2.163970755
4500000000	49%	-3.071190159	3.052754015
4550000000	47%	-3.27426713	3.104747
4600000000	46%	-3.404538043	3.484766368
4650000000	45%	-3.510151952	3.688898918
4700000000	44%	-3.569264253	3.928976758
4750000000	42%	-3.751984094	3.892064719
4800000000	42%	-3.818271636	3.950960091
4850000000	42%	-3.810506694	4.522234228
4900000000	38%	-4.225637895	4.370429475
4950000000	35%	-4.537917249	4.166544485
5000000000	35%	-4.600039581	3.924270495

ANT6			
Frequency	Efficiency	Efficiency . dB	Gain . dB
2300000000	14%	-8.618300497	-2.035034456
2320000000	15%	-8.207148033	-2.765583767
2340000000	16%	-7.829041545	-2.397512516
2360000000	18%	-7.525721657	-1.971543561
2380000000	17%	-7.573466308	-1.697539104
2400000000	18%	-7.499060032	-1.248738907
2420000000	19%	-7.320406373	-1.130902178
2440000000	20%	-6.98053266	-0.647792898
2460000000	19%	-7.166720117	-0.33847529
2480000000	20%	-7.082361114	-0.242347909
2500000000	19%	-7.13120938	0.448438908
2520000000	19%	-7.11530261	0.447423358
2540000000	18%	-7.419196332	-0.090466907
2560000000	17%	-7.64301484	-0.185109286
2580000000	16%	-7.908645226	-0.618328292
2600000000	15%	-8.221941589	-1.165181906
2620000000	16%	-7.84105982	-1.140768909
2640000000	16%	-7.873716253	-1.257442944
2660000000	16%	-7.984206044	-1.675313842
2680000000	16%	-8.009164077	-2.729969683
2700000000	16%	-8.080684717	-2.574673303
3300000000	15%	-8.368309886	-1.381740427
3350000000	16%	-7.908645226	-1.533970158
3400000000	15%	-8.221941589	-1.3466305
3450000000	16%	-7.893602228	-2.147109643
3500000000	15%	-8.208465786	-0.695398008
3550000000	15%	-8.149031946	-0.7990276
3600000000	15%	-8.10723768	-1.055351496
3650000000	16%	-7.977157504	-1.034829907
3700000000	17%	-7.819156966	-1.085850969
3750000000	15%	-8.352204614	-1.000365952
3800000000	16%	-7.900346392	-0.921308353
3850000000	18%	-7.386287783	-1.010877531
3900000000	21%	-6.839462926	-1.050051494
3950000000	23%	-6.415743501	-0.892456546
4000000000	25%	-6.104424525	-0.697565578
4050000000	26%	-5.901956725	-0.496233801
4100000000	24%	-6.215764471	-0.200841006
4150000000	19%	-7.183860896	-0.195369417
4200000000	15%	-8.207668301	0.048446234
4250000000	17%	-7.670983329	0.417488444
4300000000	16%	-8.013338633	0.328693043
4350000000	15%	-8.101272313	0.071115925
4400000000	15%	-8.319291661	0.384857487
4450000000	15%	-8.257949012	0.939930339
4500000000	16%	-8.045950665	0.771700467
4550000000	15%	-8.153548535	0.364917224
4600000000	15%	-8.129501866	0.344039146
4650000000	24%	-6.16857829	0.162538064
4700000000	29%	-5.332288895	0.573474101
4750000000	34%	-4.748599181	0.784281529
4800000000	36%	-4.408951167	1.270501987
4850000000	39%	-4.115017379	1.443319795
4900000000	38%	-4.205769605	1.726470618
4950000000	38%	-4.254870333	1.727221546
5000000000	37%	-4.289654001	1.425238599

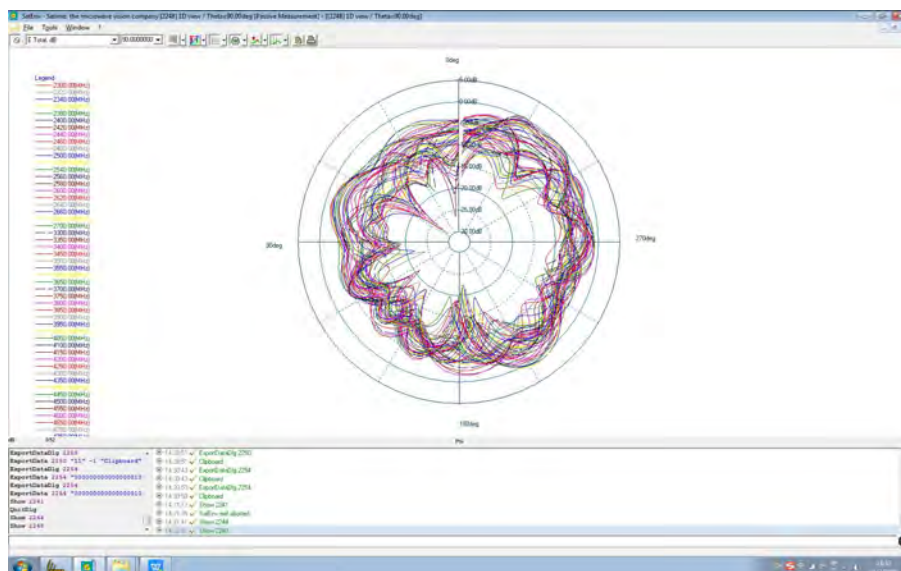
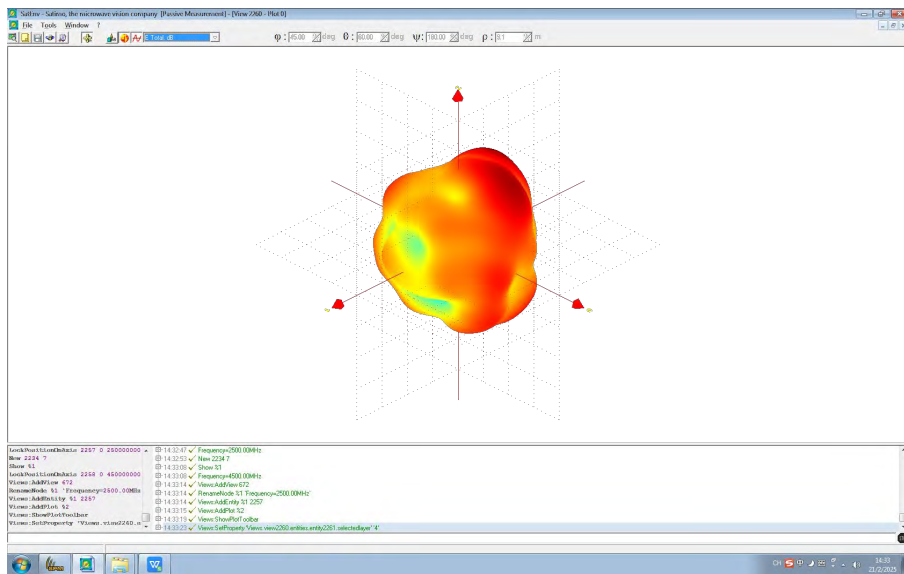
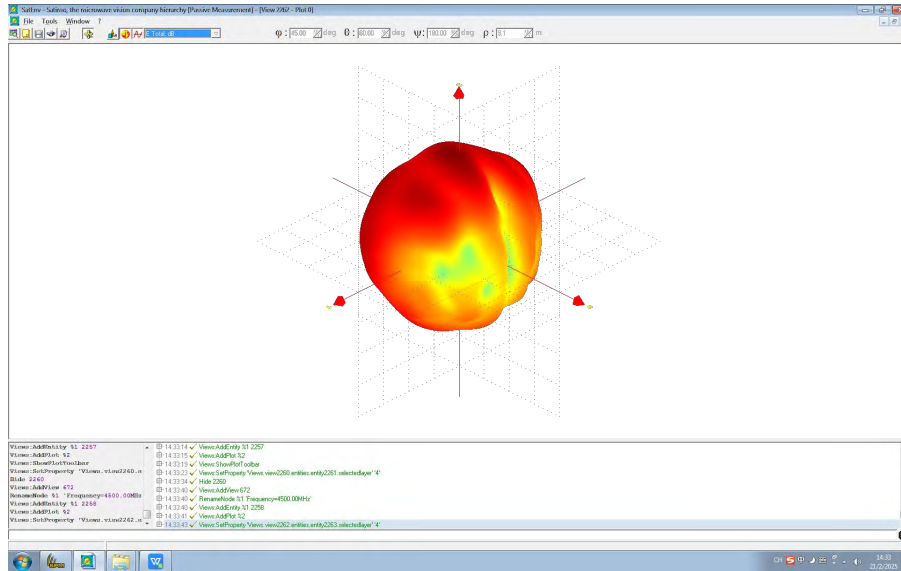
ANT7			
Frequency	Efficiency	Efficiency . dB	Gain . dB
3300000000	36%	-4.418809634	0.830519453
3350000000	38%	-4.24651808	1.074331464
3400000000	35%	-4.600273179	0.599829014
3450000000	35%	-4.615330306	0.947680803
3500000000	33%	-4.75706067	0.905366987
3550000000	34%	-4.731376973	0.845328463
3600000000	35%	-4.566398545	1.119482894
3650000000	36%	-4.473695222	1.435811215
3700000000	36%	-4.477852078	1.451914258
3750000000	36%	-4.427780225	1.322072443
3800000000	35%	-4.5685551	1.250292895
3850000000	34%	-4.660542459	0.962288319
3900000000	34%	-4.701004604	0.865219369
3950000000	34%	-4.736323674	0.76383832
4000000000	34%	-4.669939377	0.745197616
4050000000	35%	-4.546081761	1.078275787
4100000000	35%	-4.580640281	1.230372844
4150000000	35%	-4.592868013	1.086094047
4200000000	38%	-4.2588416	1.111314098
4250000000	38%	-4.145777885	0.973705899
4300000000	38%	-4.19472515	0.68770726
4350000000	38%	-4.160619334	0.396728776
4400000000	37%	-4.292838733	0.859166064
4450000000	36%	-4.471307251	0.546915613
4500000000	32%	-4.906700069	0.755932496
4550000000	28%	-5.60515577	0.546241071
4600000000	24%	-6.120750723	0.615052849
4650000000	23%	-6.325644059	0.304601992
4700000000	24%	-6.286493836	0.2009724
4750000000	24%	-6.286515394	-0.055351496
4800000000	25%	-6.045969456	-0.034829907
4850000000	27%	-5.760474195	-0.085850969
4900000000	26%	-5.926994176	-0.000365952
4950000000	25%	-5.974287055	0.078691647
5000000000	25%	-5.964777539	-0.010877531

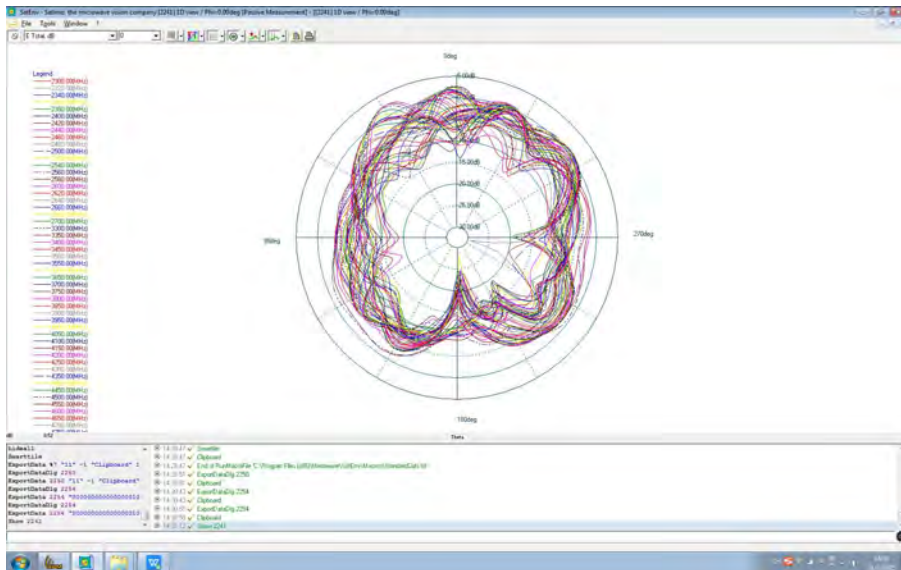
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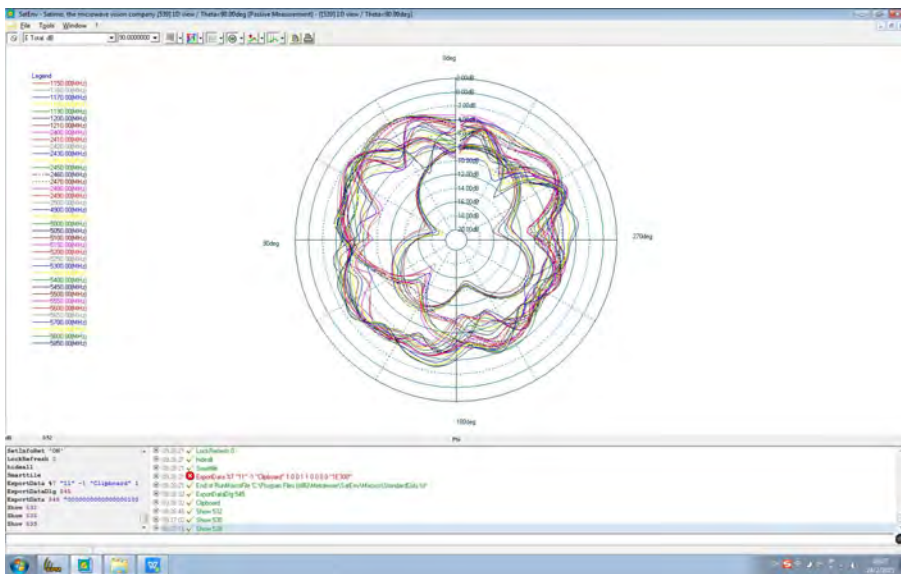


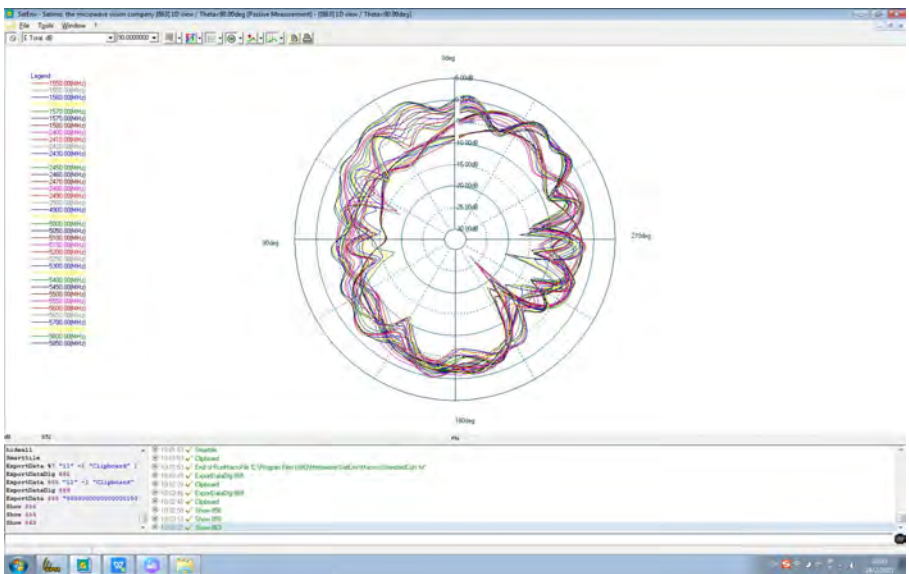
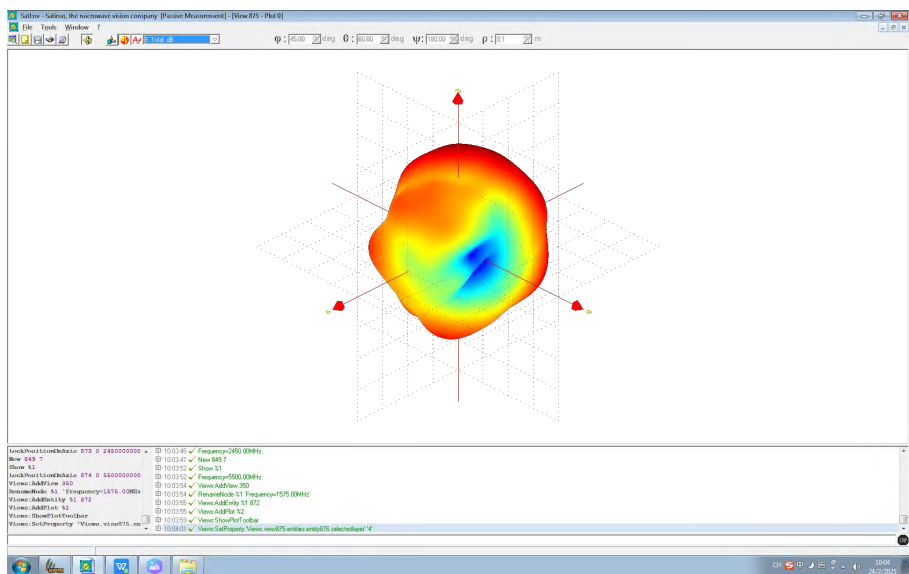
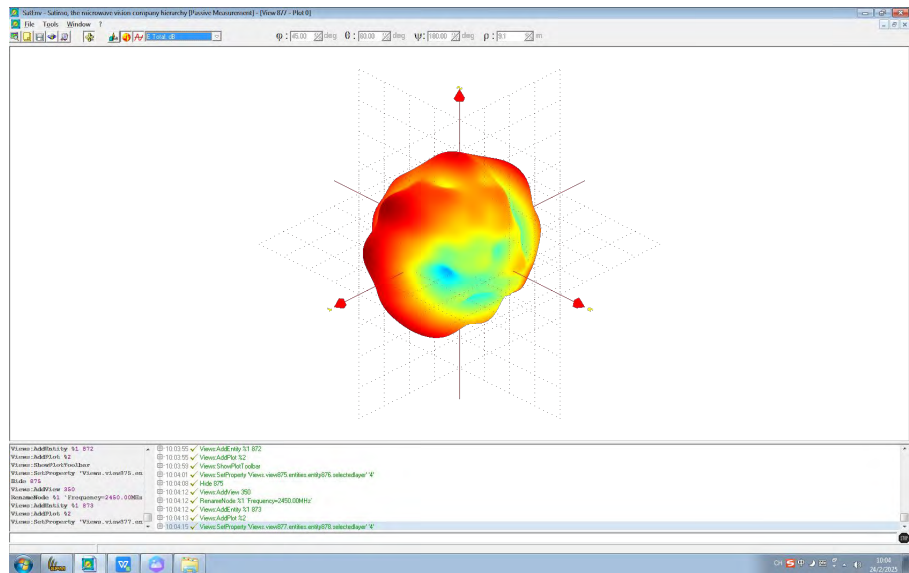


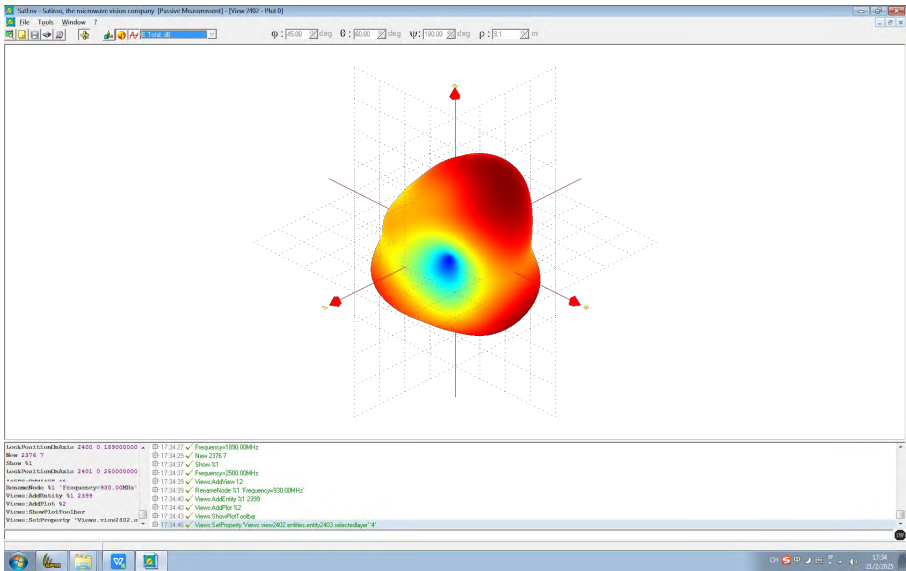
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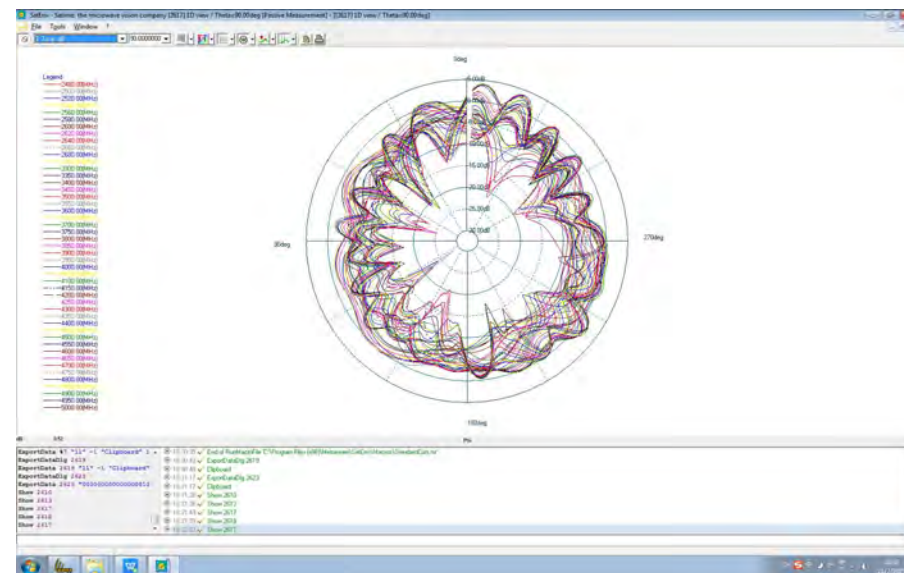
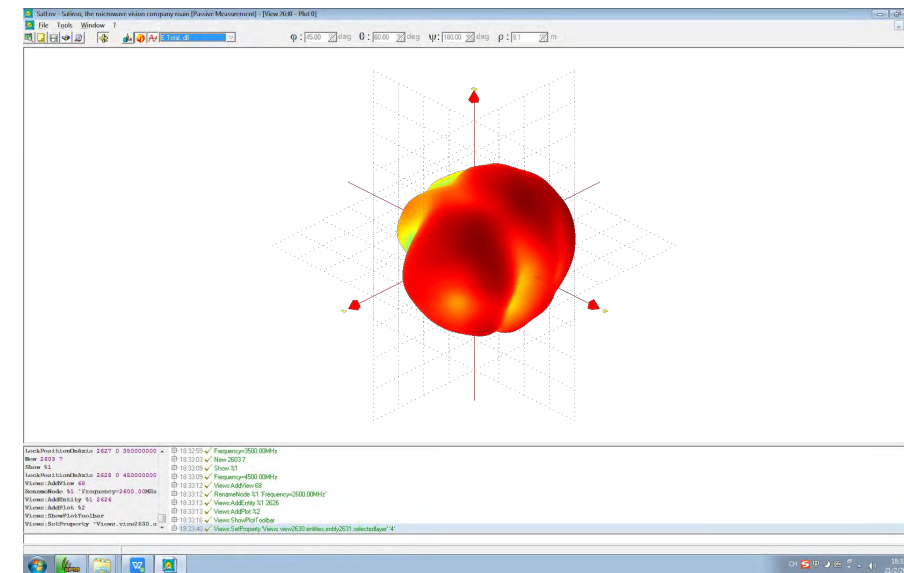


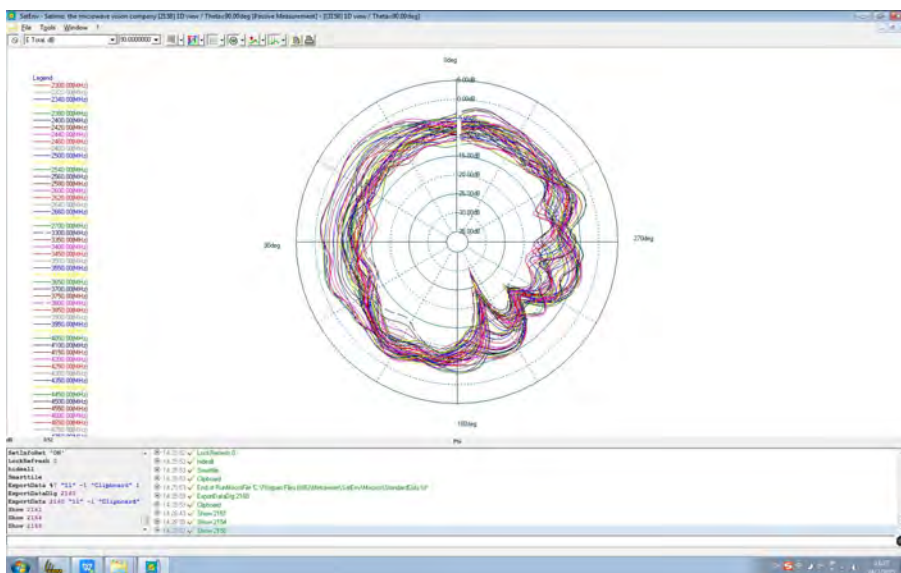
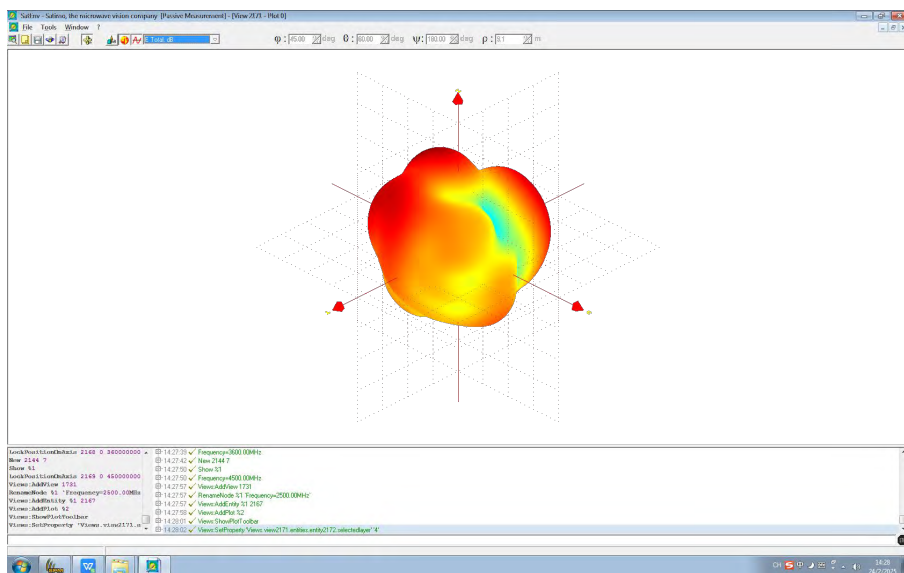
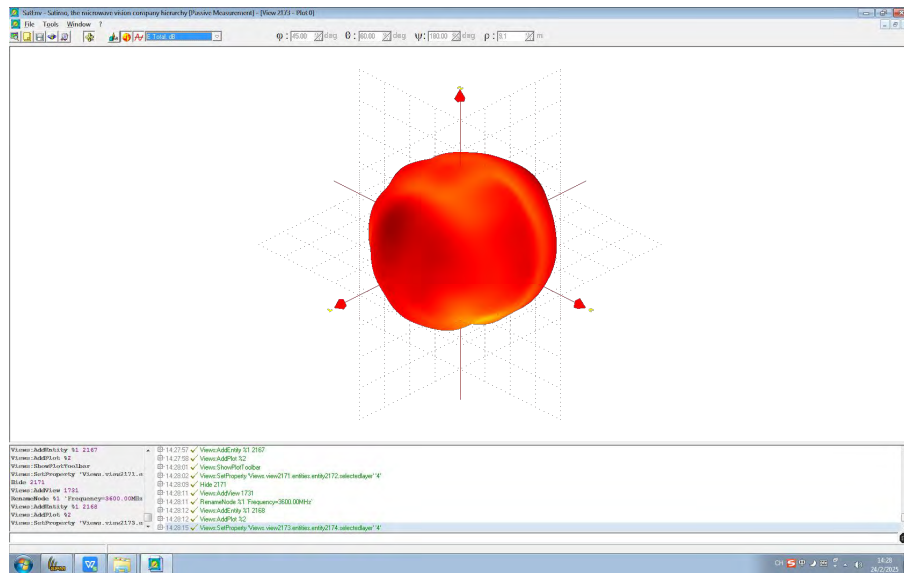


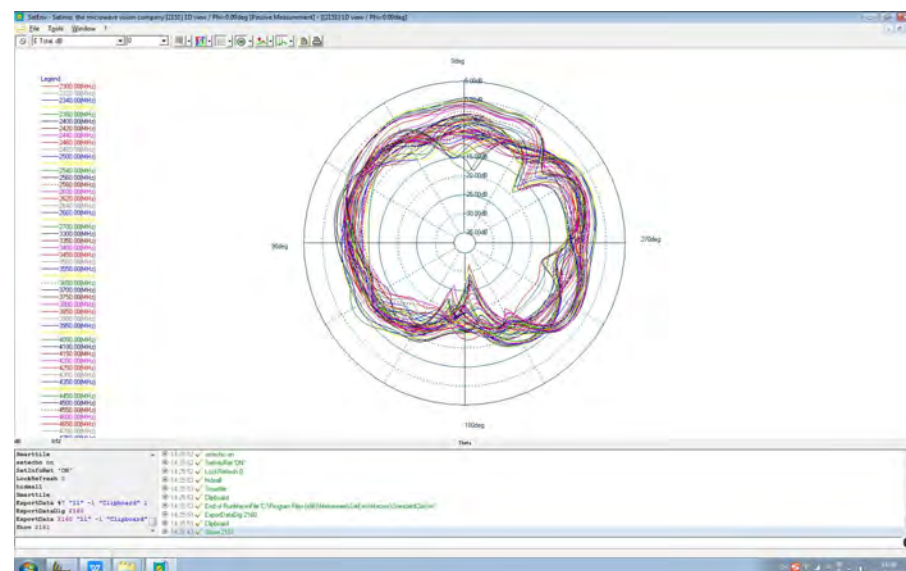












SolidWorks: The mechanical design company hierarchy [Part001] - [View001] (Flat 0)

File Edit Tools Window ?

φ: 60.00 deg θ: 60.00 deg ψ: 100.00 deg p: 11 m

Views: AddFully 31 344
 Views: AddFully 32
 Views: RemoveFully
 Views: SetProperty Views: view001.m
 Rule: 147
 Views: AddFully 12
 RemoveModel: 15 Frequency=4500.000Hz
 Views: AddFully 31 345
 Views: AddFully 32
 Views: SetProperty Views: view001.m
 = 10.44142 ✓ Views: AddFully 31 344
 = 10.44142 ✓ Views: AddFully 32
 = 10.44142 ✓ Views: RemoveFully
 = 10.44142 ✓ Views: SetProperty Views: view001.m
 = 10.44142 ✓ Views: AddFully 12
 = 10.44142 ✓ RemoveModel: 15 Frequency=4500.000Hz
 = 10.44142 ✓ Views: AddFully 31 345
 = 10.44142 ✓ Views: AddFully 32
 = 10.44142 ✓ Views: SetProperty Views: view001.m
 = 10.44142 ✓ Views: RemoveFully

