BM20A ANT SPEC
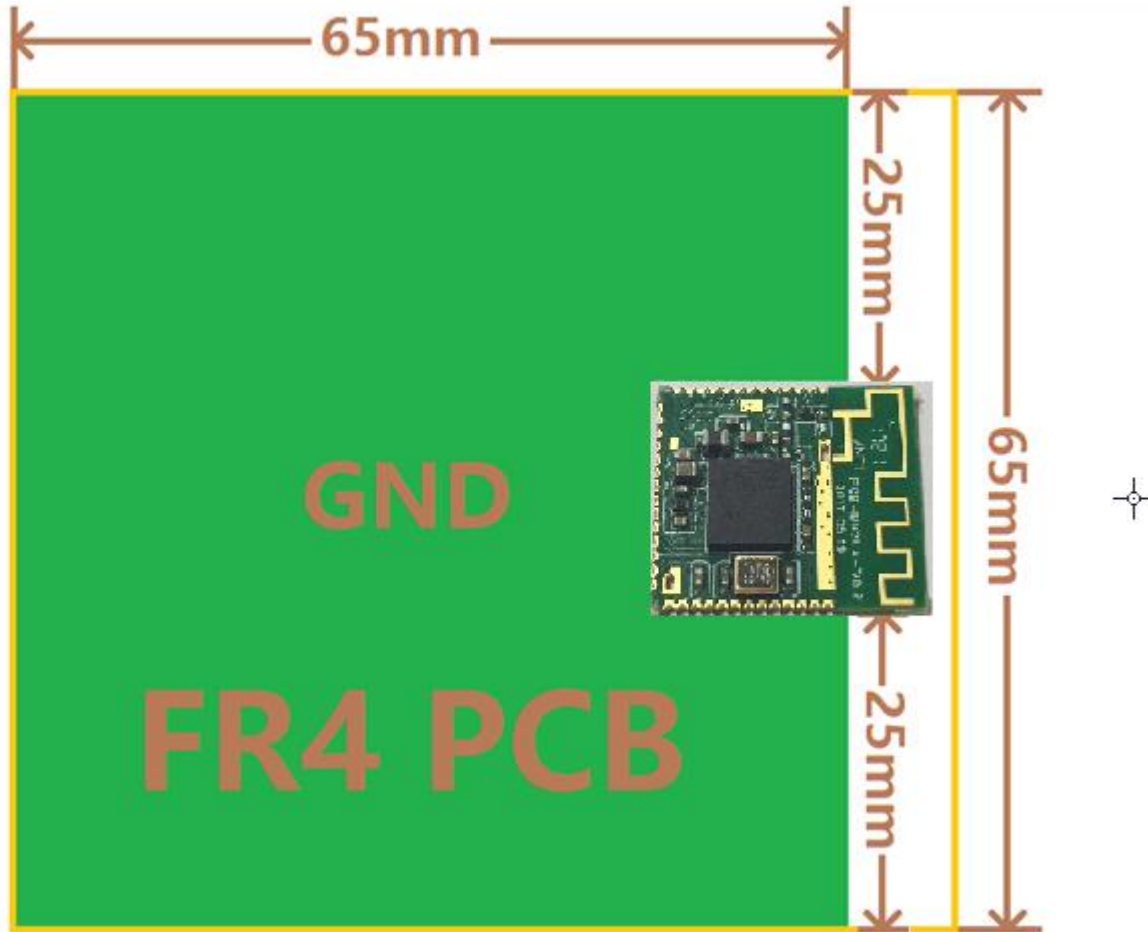
2017.8.31

Product appearance
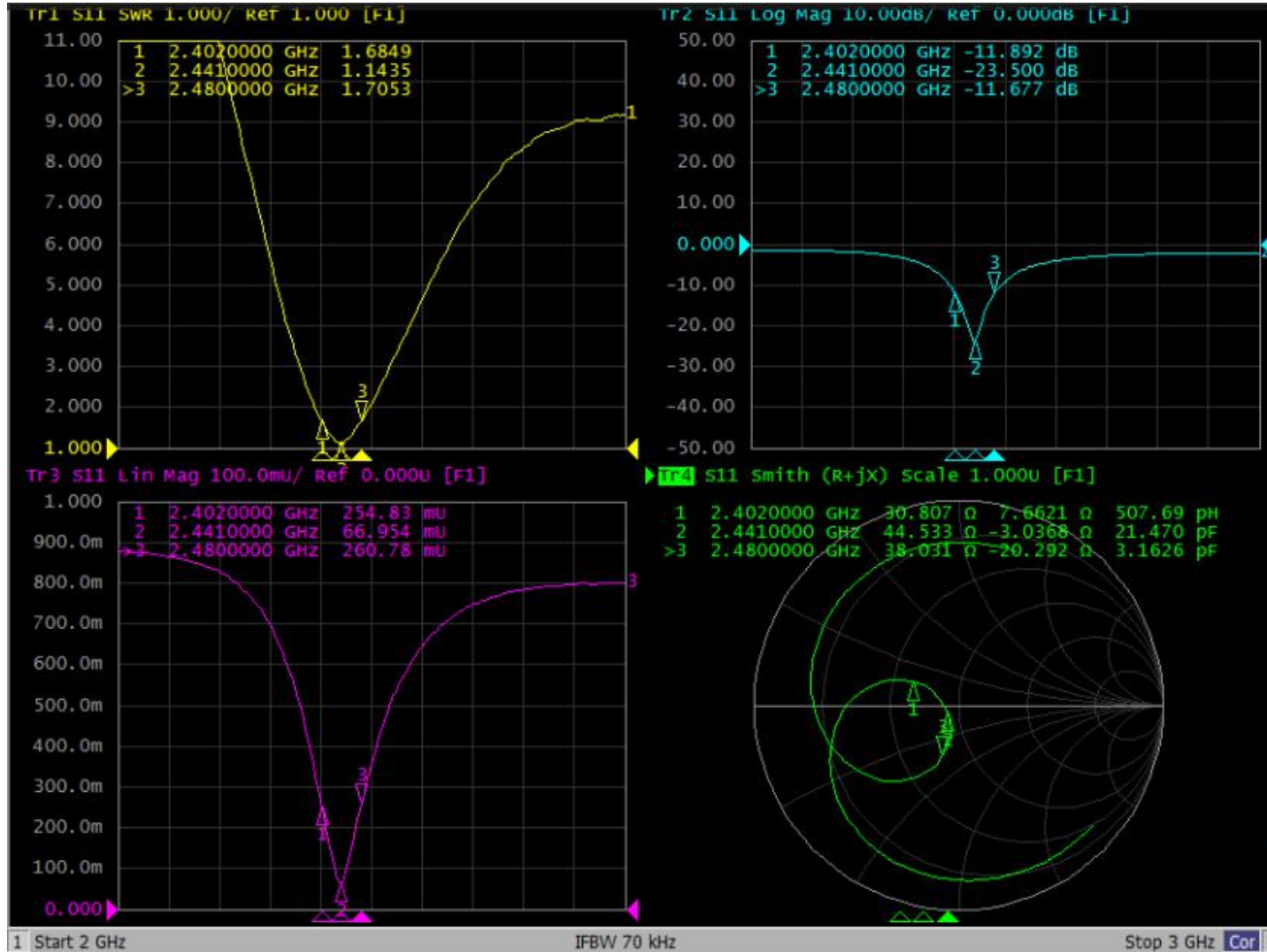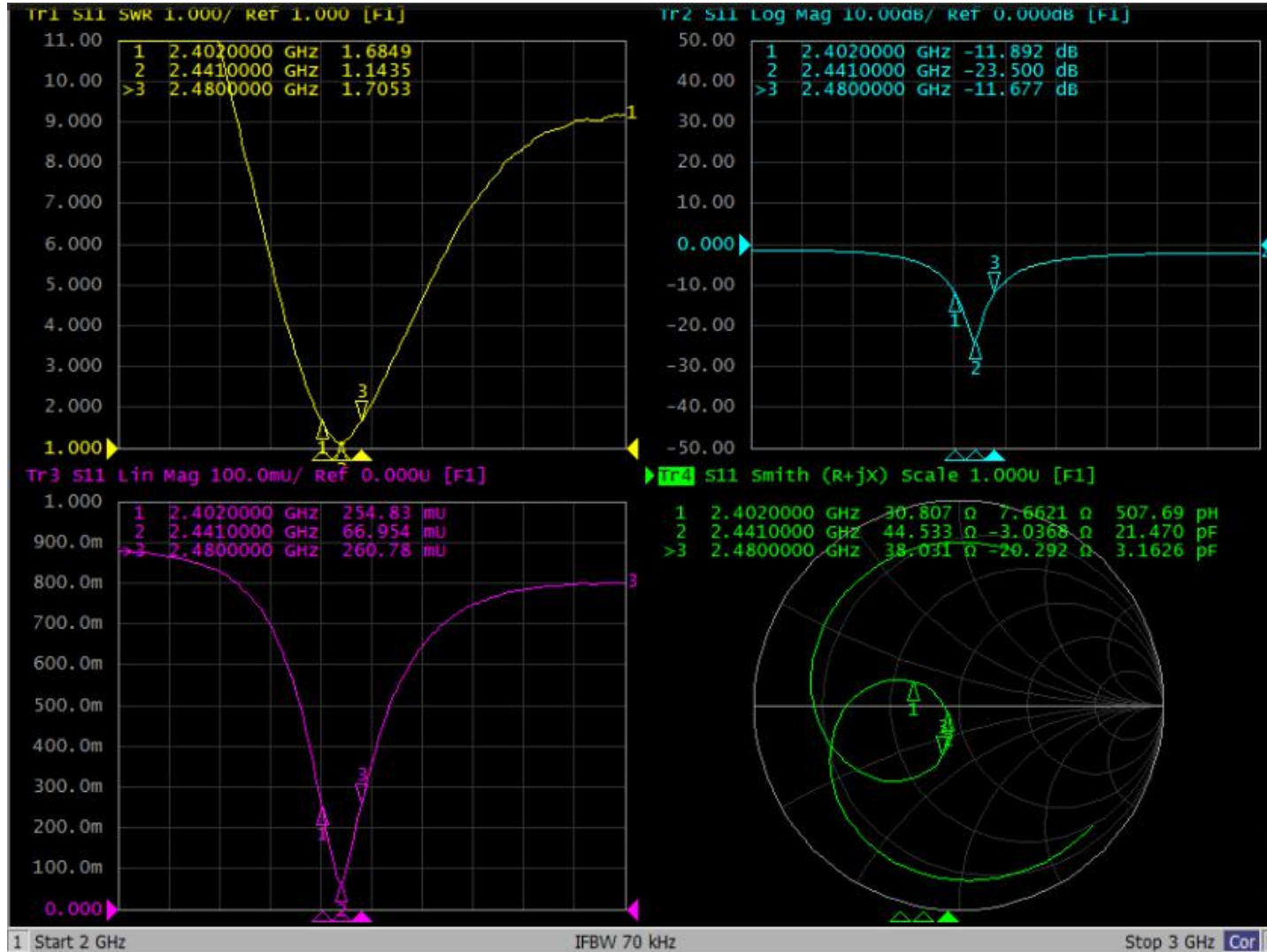
VSWR 、 Return loss and impedance :

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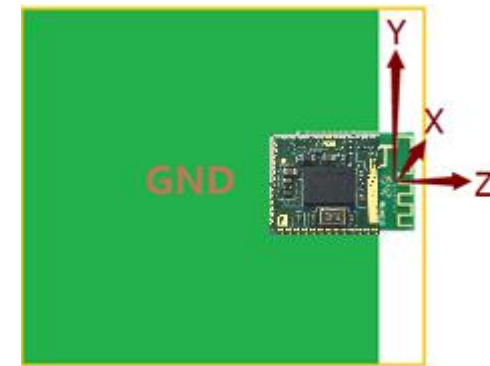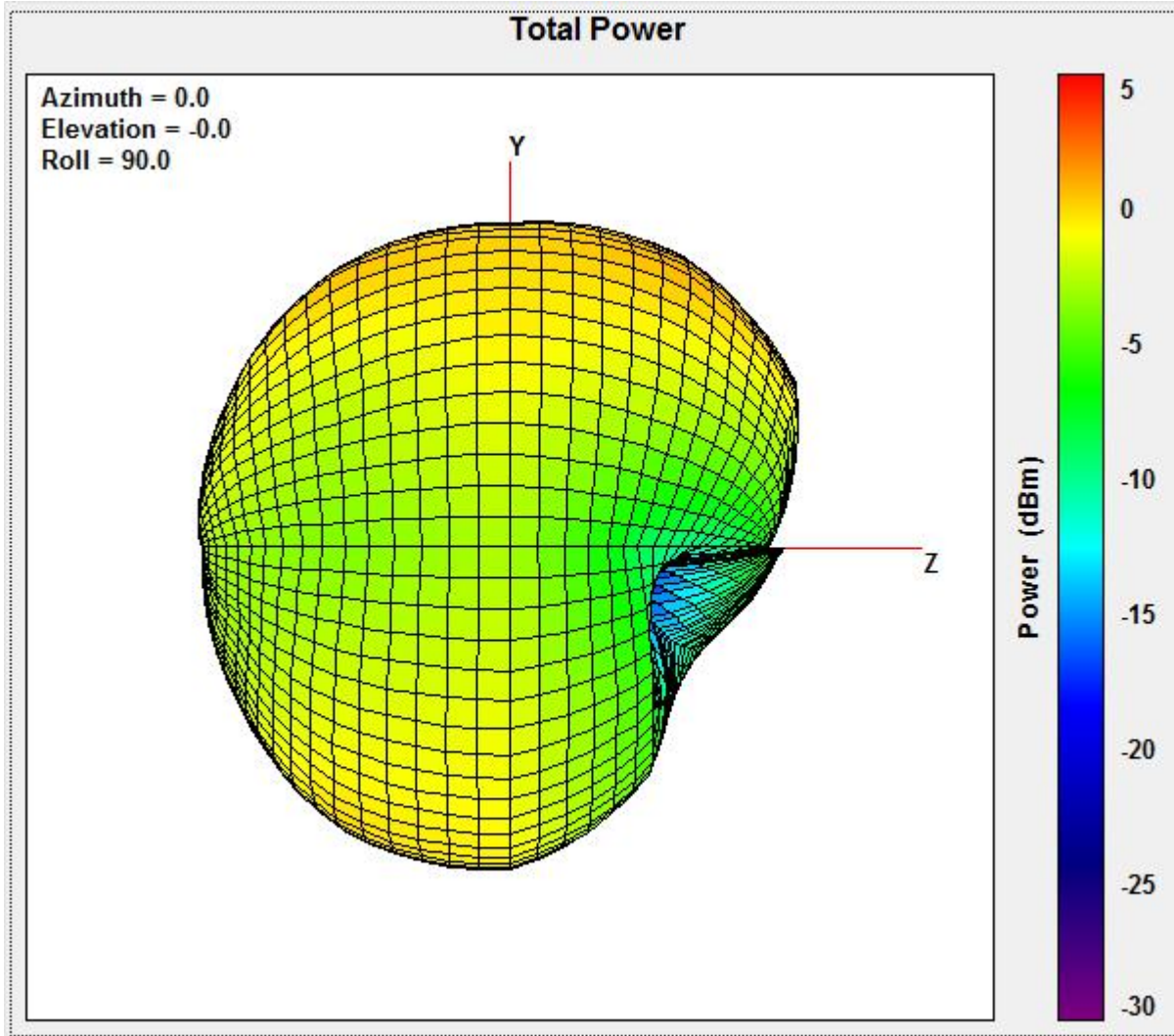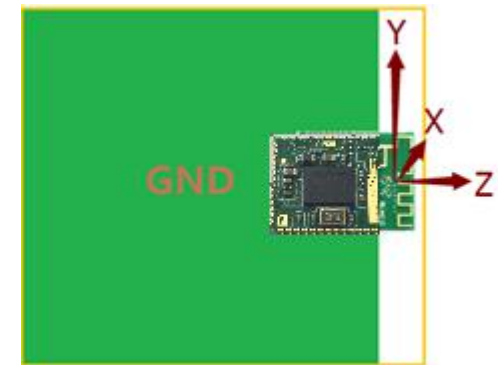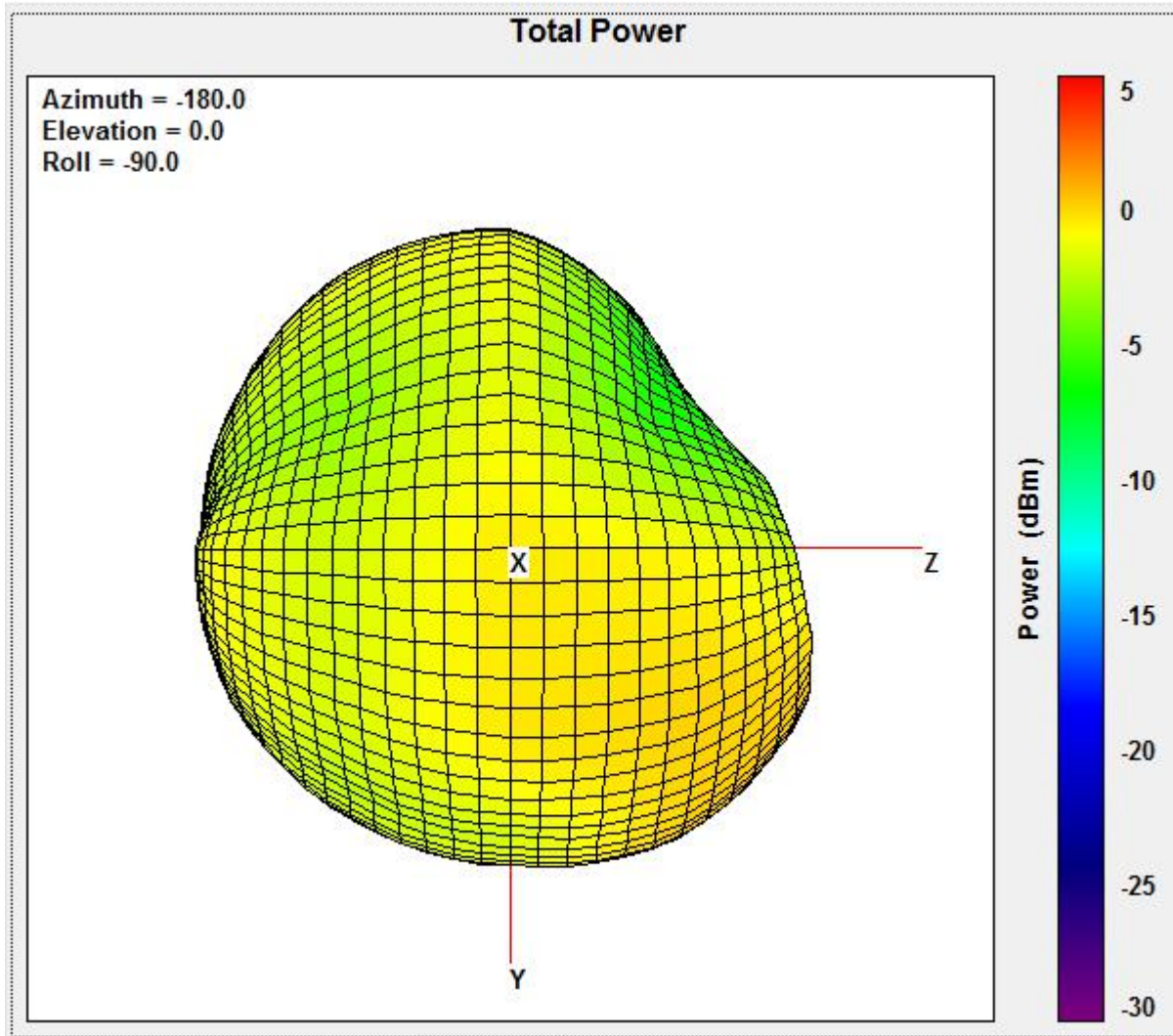
Efficiency 3D Radiation Pattern :

Efficiency 3D Radiation Pattern :

Efficiency and Gain Test Data:

Total Attributes	Point Values	Ant. Port Input Pwr. (dBm)	Tot. Rad. Pwr. (dBm)	Peak EIRP (dBm)	Directivity (dBi)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
	Frequency (MHz)							
	2400	0	-2.48002	0.248606	2.72863	-2.48002	56.4934	0.248606
	2401	0	-2.43857	0.332654	2.77122	-2.43857	57.0353	0.332654
	2402	0	-2.39573	0.41292	2.80865	-2.39573	57.6006	0.41292
	2403	0	-2.3575	0.48885	2.84635	-2.3575	58.1099	0.48885
	2404	0	-2.32063	0.554713	2.87534	-2.32063	58.6053	0.554713
	2405	0	-2.28555	0.617196	2.90274	-2.28555	59.0806	0.617196
	2406	0	-2.25307	0.67316	2.92623	-2.25307	59.5242	0.67316
	2407	0	-2.22846	0.719141	2.9476	-2.22846	59.8624	0.719141
	2408	0	-2.20918	0.754849	2.96403	-2.20918	60.1287	0.754849
	2409	0	-2.19268	0.786682	2.97936	-2.19268	60.3576	0.786682
	2410	0	-2.17811	0.814131	2.99224	-2.17811	60.5604	0.814131
	2411	0	-2.16364	0.837446	3.00109	-2.16364	60.7625	0.837446
	2412	0	-2.1477	0.859351	3.00705	-2.1477	60.986	0.859351
	2413	0	-2.12936	0.884781	3.01414	-2.12936	61.2441	0.884781
	2414	0	-2.11208	0.904224	3.01631	-2.11208	61.4882	0.904224
	2415	0	-2.09747	0.921608	3.01907	-2.09747	61.6955	0.921608
	2416	0	-2.08659	0.932704	3.01929	-2.08659	61.8502	0.932704
	2417	0	-2.07101	0.946239	3.01724	-2.07101	62.0725	0.946239
	2418	0	-2.05917	0.954295	3.01347	-2.05917	62.2419	0.954295
	2419	0	-2.04418	0.962735	3.00691	-2.04418	62.4571	0.962735
	2420	0	-2.03122	0.970427	3.00165	-2.03122	62.6438	0.970427
	2421	0	-2.01693	0.974668	2.9916	-2.01693	62.8503	0.974668
	2422	0	-2.00039	0.977919	2.97831	-2.00039	63.09	0.977919
	2423	0	-1.98206	0.980139	2.9622	-1.98206	63.3569	0.980139
	2424	0	-1.96233	0.979214	2.94155	-1.96233	63.6453	0.979214

Efficiency and Gain Test Data:

2425	0	-1.94313	0.979062	2.92219	-1.94313	63.9274	0.979062
2426	0	-1.92513	0.969365	2.89449	-1.92513	64.193	0.969365
2427	0	-1.90303	0.963174	2.8662	-1.90303	64.5204	0.963174
2428	0	-1.88465	0.950636	2.83529	-1.88465	64.794	0.950636
2429	0	-1.85844	0.940022	2.79846	-1.85844	65.1863	0.940022
2430	0	-1.83868	0.919949	2.75862	-1.83868	65.4836	0.919949
2431	0	-1.8223	0.898886	2.72119	-1.8223	65.7309	0.898886
2432	0	-1.80842	0.876302	2.68472	-1.80842	65.9413	0.876302
2433	0	-1.79797	0.848674	2.64665	-1.79797	66.1002	0.848674
2434	0	-1.79103	0.818551	2.60958	-1.79103	66.206	0.818551
2435	0	-1.77908	0.795777	2.57486	-1.77908	66.3884	0.795777
2436	0	-1.77111	0.800101	2.57122	-1.77111	66.5102	0.800101
2437	0	-1.76133	0.843474	2.60481	-1.76133	66.6602	0.843474
2438	0	-1.75525	0.878582	2.63383	-1.75525	66.7537	0.878582
2439	0	-1.74753	0.907079	2.65461	-1.74753	66.8725	0.907079
2440	0	-1.74337	0.926533	2.6699	-1.74337	66.9366	0.926533
2441	0	-1.74332	0.943244	2.68656	-1.74332	66.9373	0.943244
2442	0	-1.7491	0.948475	2.69757	-1.7491	66.8483	0.948475
2443	0	-1.75078	0.957102	2.70788	-1.75078	66.8224	0.957102
2444	0	-1.75404	0.960316	2.71436	-1.75404	66.7722	0.960316
2445	0	-1.75832	0.961868	2.72019	-1.75832	66.7065	0.961868
2446	0	-1.7628	0.958242	2.72104	-1.7628	66.6377	0.958242
2447	0	-1.76783	0.954027	2.72186	-1.76783	66.5605	0.954027
2448	0	-1.7684	0.94159	2.70999	-1.7684	66.5518	0.94159
2449	0	-1.75916	0.96557	2.72473	-1.75916	66.6936	0.96557
2450	0	-1.74777	1.03052	2.77828	-1.74777	66.8688	1.03052
2451	0	-1.73076	1.10034	2.83109	-1.73076	67.1312	1.10034
2452	0	-1.71272	1.16641	2.87913	-1.71272	67.4106	1.16641
2453	0	-1.69601	1.2318	2.9278	-1.69601	67.6704	1.2318
2454	0	-1.68467	1.29704	2.98172	-1.68467	67.8473	1.29704

Efficiency and Gain Test Data:

2455	0	-1.67411	1.35419	3.0283	-1.67411	68.0125	1.35419
2456	0	-1.66012	1.41206	3.07218	-1.66012	68.232	1.41206
2457	0	-1.64957	1.46448	3.11405	-1.64957	68.3979	1.46448
2458	0	-1.63739	1.51531	3.1527	-1.63739	68.59	1.51531
2459	0	-1.62663	1.56249	3.18912	-1.62663	68.7602	1.56249
2460	0	-1.62292	1.59731	3.22023	-1.62292	68.819	1.59731
2461	0	-1.61778	1.63306	3.25084	-1.61778	68.9004	1.63306
2462	0	-1.61142	1.66562	3.27704	-1.61142	69.0014	1.66562
2463	0	-1.60115	1.6991	3.30025	-1.60115	69.1648	1.6991
2464	0	-1.59736	1.72127	3.31863	-1.59736	69.2252	1.72127
2465	0	-1.5956	1.73759	3.33318	-1.5956	69.2533	1.73759
2466	0	-1.59133	1.75495	3.34627	-1.59133	69.3214	1.75495
2467	0	-1.59341	1.7648	3.35821	-1.59341	69.2882	1.7648
2468	0	-1.59649	1.77118	3.36767	-1.59649	69.2391	1.77118
2469	0	-1.60281	1.77548	3.37829	-1.60281	69.1384	1.77548
2470	0	-1.61477	1.77516	3.38993	-1.61477	68.9482	1.77516
2471	0	-1.62803	1.7668	3.39483	-1.62803	68.7381	1.7668
2472	0	-1.64446	1.754	3.39846	-1.64446	68.4784	1.754
2473	0	-1.65865	1.74289	3.40155	-1.65865	68.255	1.74289
2474	0	-1.68109	1.72308	3.40417	-1.68109	67.9033	1.72308
2475	0	-1.70018	1.70086	3.40104	-1.70018	67.6055	1.70086
2476	0	-1.7214	1.67172	3.39312	-1.7214	67.276	1.67172
2477	0	-1.74316	1.63917	3.38233	-1.74316	66.9397	1.63917
2478	0	-1.76293	1.60299	3.36592	-1.76293	66.6357	1.60299
2479	0	-1.78417	1.56543	3.3496	-1.78417	66.3106	1.56543
2480	0	-1.79943	1.52952	3.32895	-1.79943	66.078	1.52952

Max Gain	1.78dBi @ 2.469GHz