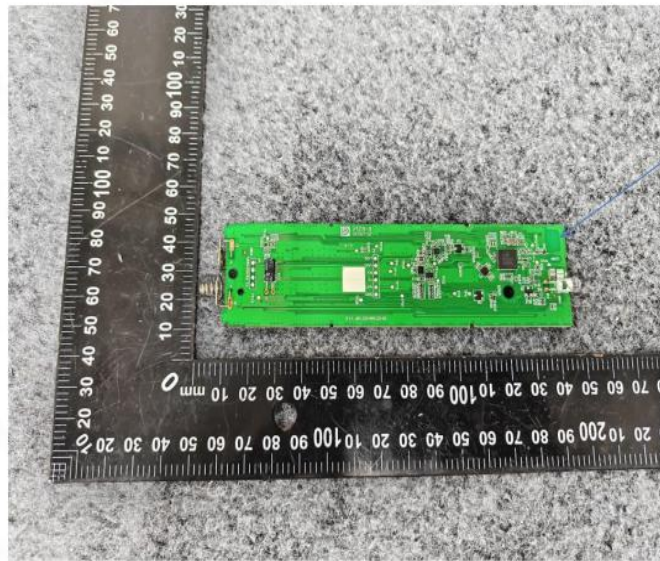


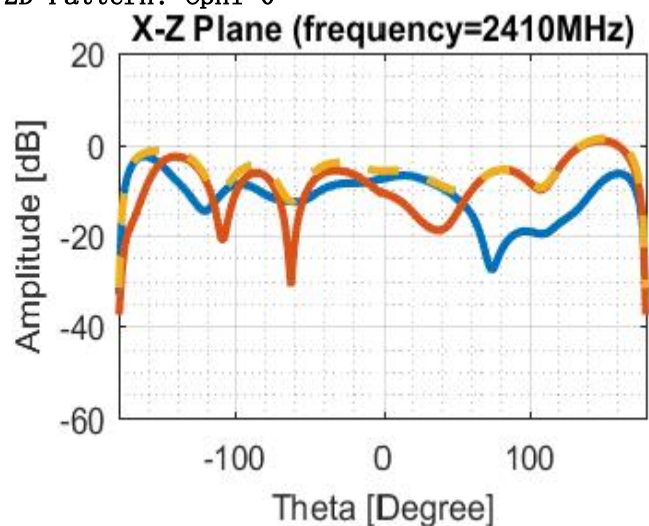
Frequency (MHz)	Directivity(dB)	Gain(dBi)	Efficiency(dB)	Efficiency(%)	BW@Phi=0	BW@phi=90	BW@theta=90	oundness@Theta=3	oundness@Theta=6
2400	6.7166	1.6283	-5.0883	30.986	38.4802	35.1737	288.2499	5.3763	9.3762
2410	6.7318	1.5897	-5.142	30.6052	39.0736	28.1956	297.8167	5.0558	9.5285
2420	6.7445	1.7866	-4.9578	31.9315	39.6628	25.0371	303.1366	4.7107	9.8915
2430	6.6858	1.9053	-4.7805	33.2622	40.4719	23.5428	306.0619	4.5977	10.1729
2440	6.5344	1.5714	-4.963	31.8937	41.1251	23.3376	308.1706	4.8201	9.7698
2450	6.3086	1.4199	-4.8886	32.4442	41.4119	25.5883	273.9241	5.4673	8.9483
2460	6.2087	1.4119	-4.7968	33.1377	40.999	44.195	270.3904	6.0058	8.4069
2470	6.4234	1.6286	-4.7948	33.1531	41.0524	44.2332	265.2324	6.5766	7.7678
2480	6.7108	1.8351	-4.8757	32.5406	41.0326	43.9499	257.6146	6.3037	7.292
2490	6.9311	2.0808	-4.8503	32.7322	40.8052	42.9169	252.7989	5.6327	6.8727
2500	7.0643	2.3096	-4.7547	33.4606	40.3808	24.4416	252.8238	5.0698	6.437



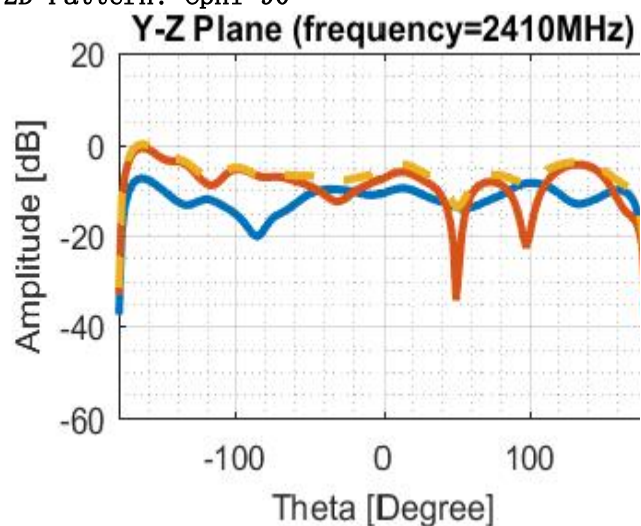
Ant

Efficiency LHCP(%)	Efficiency RHCP(dB)	Efficiency RHCP(%)	Gain LHCP(dB)	Gain RHCP(dB)	AR	AR dB
16.0499	-8.2576	14.9361	0.0236	0.2414	46.2609	33.3043
15.9323	-8.3348	14.6729	0.0131	0.0855	135.7867	42.6571
16.6629	-8.162	15.2685	0.2469	0.1384	22.3586	26.9889
17.3125	-7.9725	15.9497	0.3915	0.2167	10.8834	20.7353
16.5186	-8.1318	15.3751	0.0765	0.0876	7.1954	17.1411
16.7264	-8.0361	15.7178	-0.0689	0.3696	5.5074	14.819
16.9409	-7.9057	16.1968	-0.0664	0.7793	4.1231	12.3045
17.0062	-7.9191	16.1469	-0.0487	1.0664	3.1718	10.0262
16.7163	-8.0067	15.8243	-0.0388	1.2822	2.5861	8.2531
16.8408	-7.9884	15.8914	0.0895	1.5242	2.4241	7.6911
17.1939	-7.887	16.2667	0.2136	1.7466	2.5844	8.2471

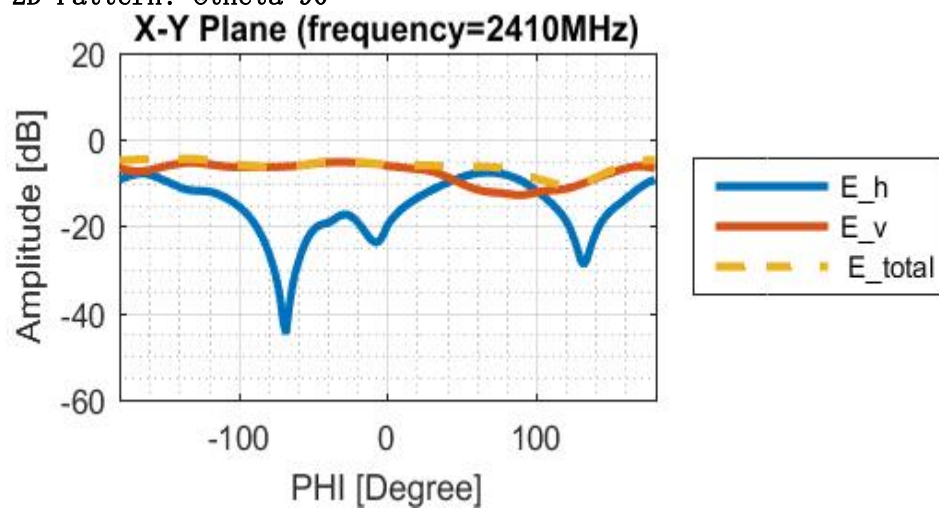
2D Pattern: @phi=0



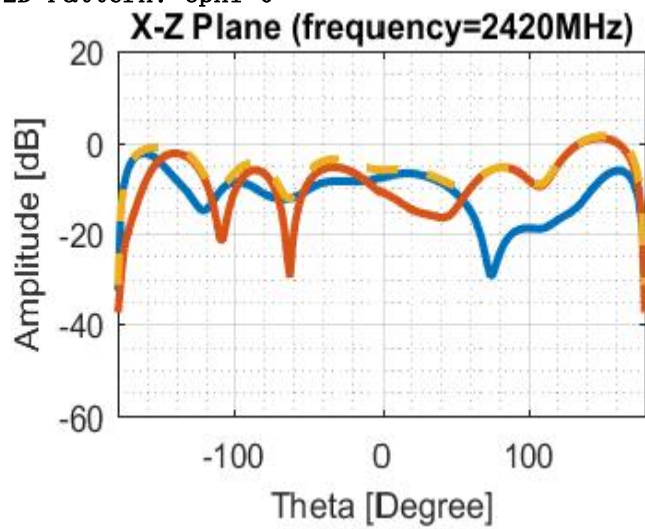
2D Pattern: @phi=90



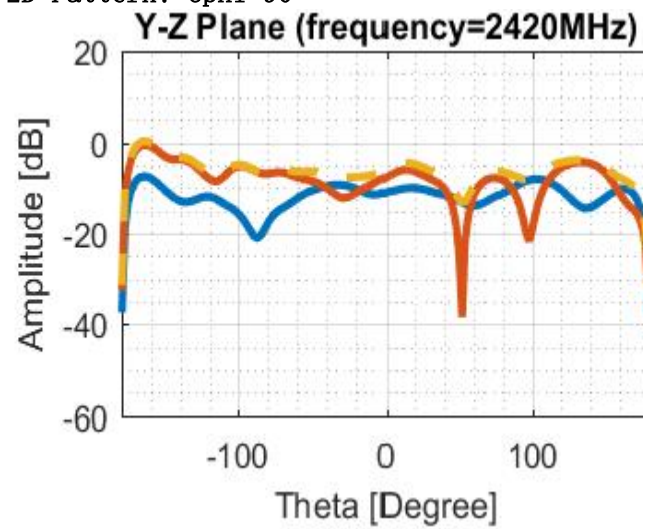
2D Pattern: @theta=90



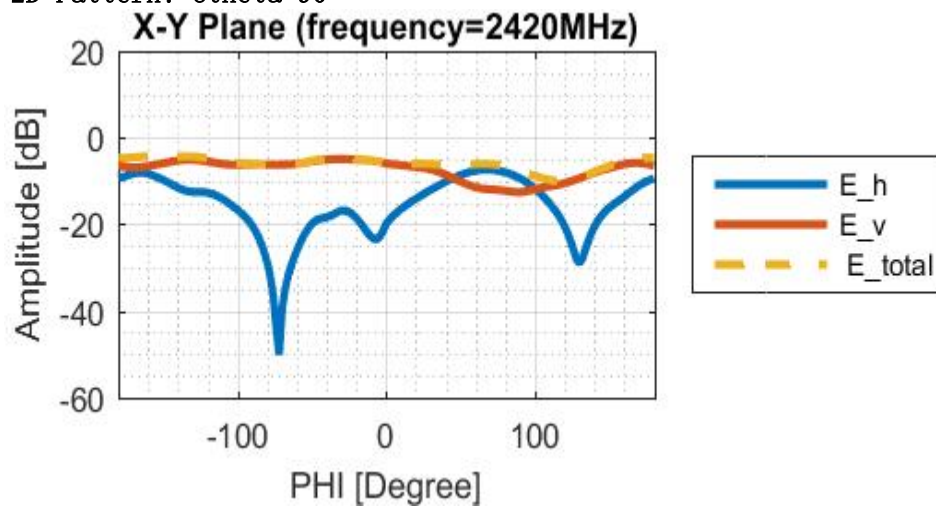
2D Pattern: @phi=0



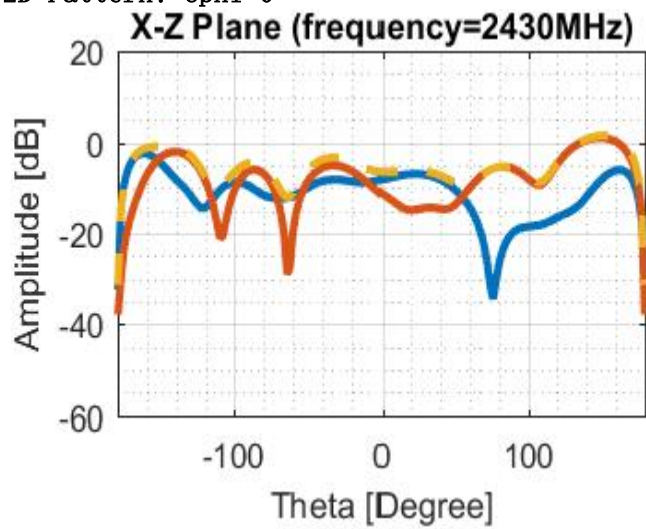
2D Pattern: @phi=90



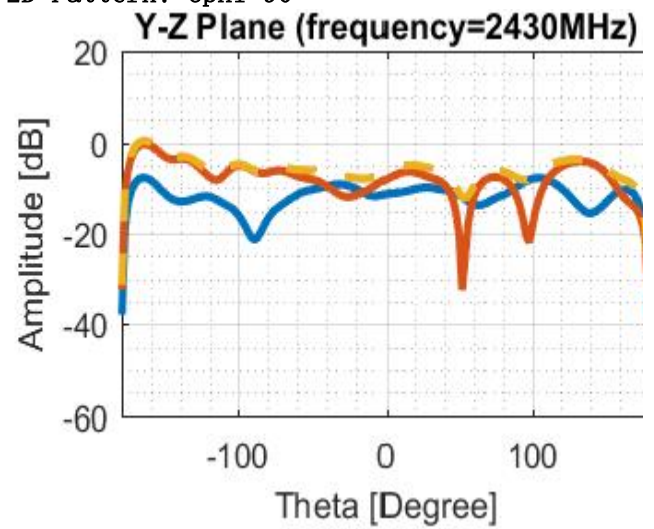
2D Pattern: @theta=90



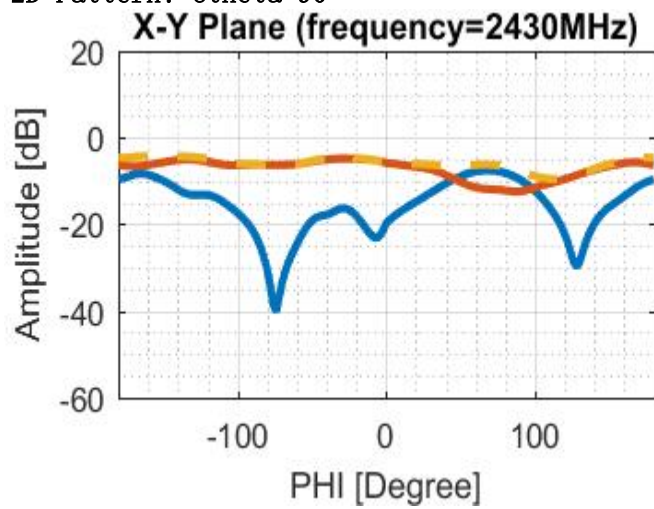
2D Pattern: @phi=0



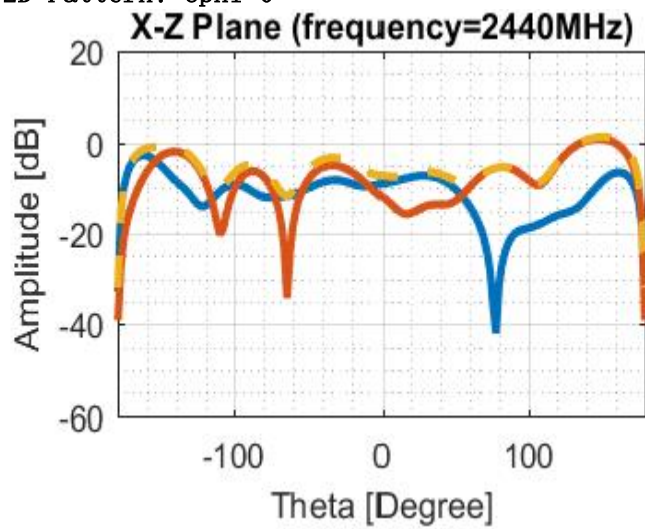
2D Pattern: @phi=90



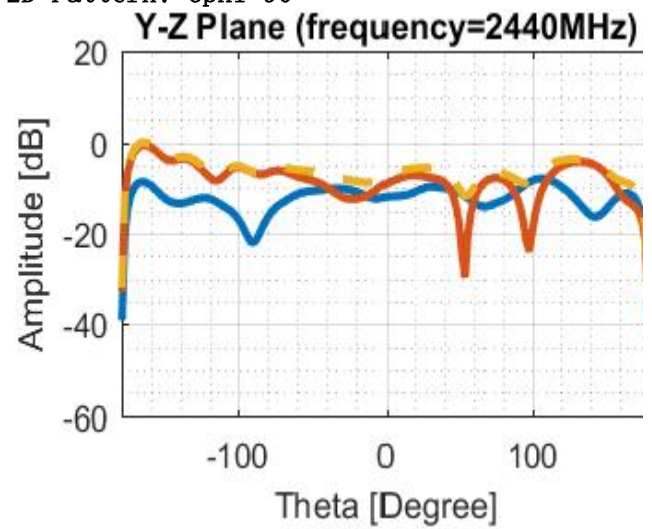
2D Pattern: @theta=90



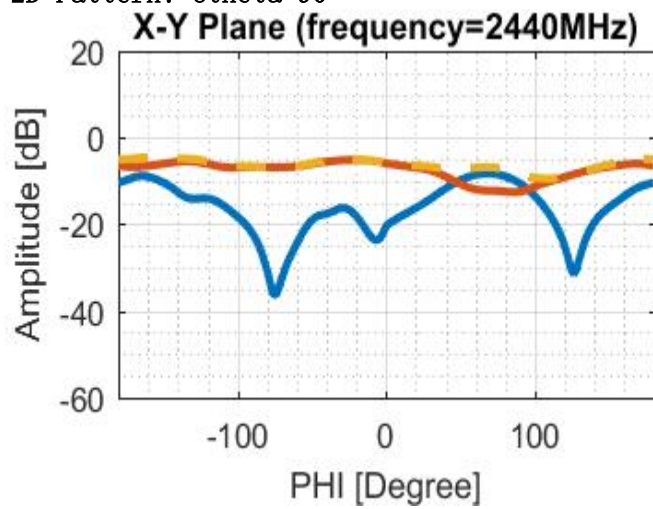
2D Pattern: @phi=0



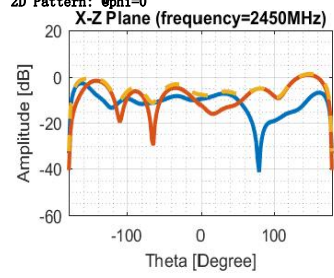
2D Pattern: @phi=90



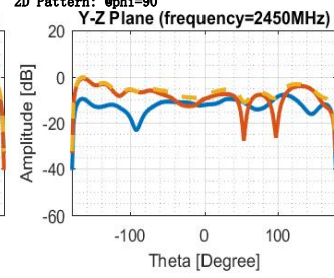
2D Pattern: @theta=90



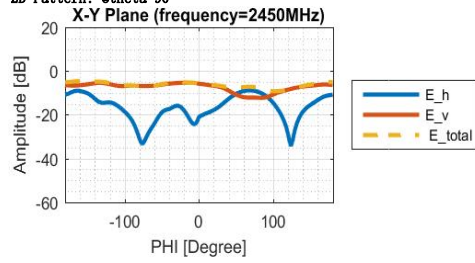
2D Pattern: @phi=0



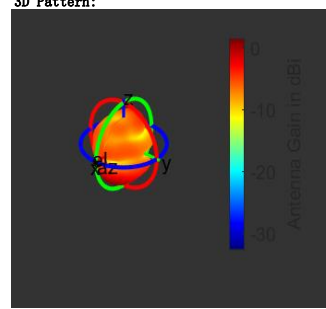
2D Pattern: @phi=90



2D Pattern: @theta=90



3D Pattern:



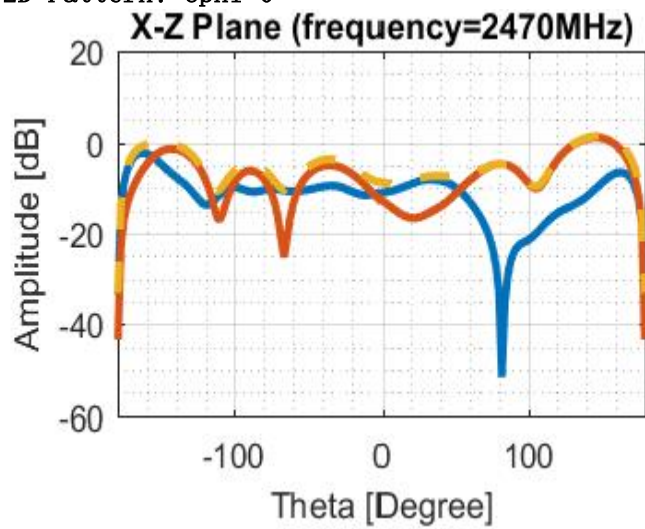
x-axis: red

y-axis: green

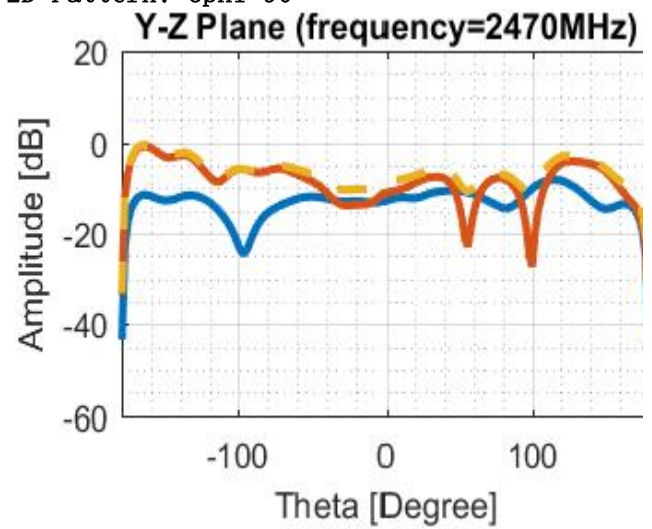
z-axis: blue

dBi	X-Z plane	Y-Z plane	X-Y plane
E _h (max)	-2.92	-7.99	-8.87
E _v (max)	0.75	-0.84	-6.31
E _{total} (max)	1.14	-0.32	-4.61
E _h (min)	-41.44	-40.58	-34.28
E _v (min)	-40.56	-35.29	-12.28
E _{total} (min)	-32.66	-32.66	-9.26
E _h (avg)	-10.21	-12.23	-15.92
E _v (avg)	-7.55	-7.98	-6.68
E _{total} (avg)	-6	-6.47	-6.37
degree	X-Z plane	Y-Z plane	X-Y plane
E _h (max)	-164	110	68
E _v (max)	148	-164	-12
E _{total} (max)	150	-164	-160
E _h (min)	80	-180	124
E _v (min)	-180	180	84
E _{total} (min)	-180	-180	102
E _h (3dB)	23.85	36.94	46.58
E _v (3dB)	40.11	41.81	274.05
E _{total} (3dB)	41.41	26.69	273.92

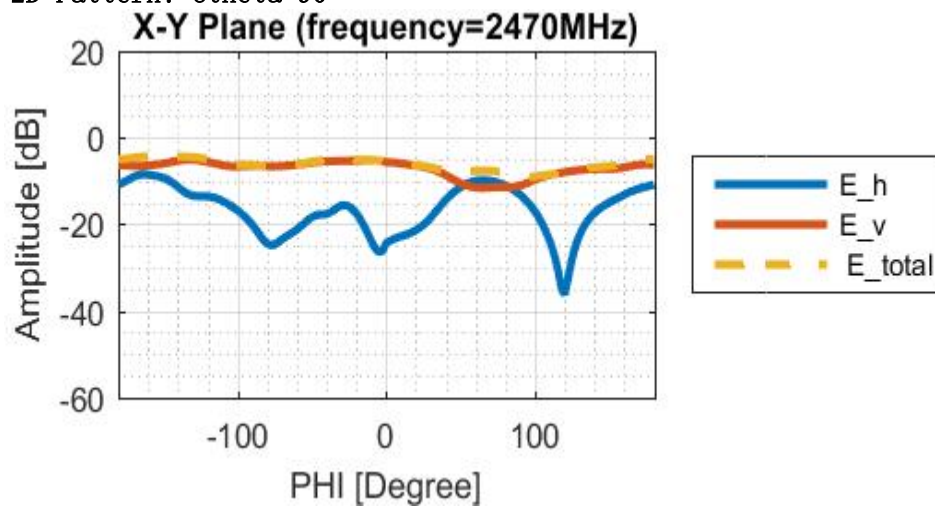
2D Pattern: @phi=0



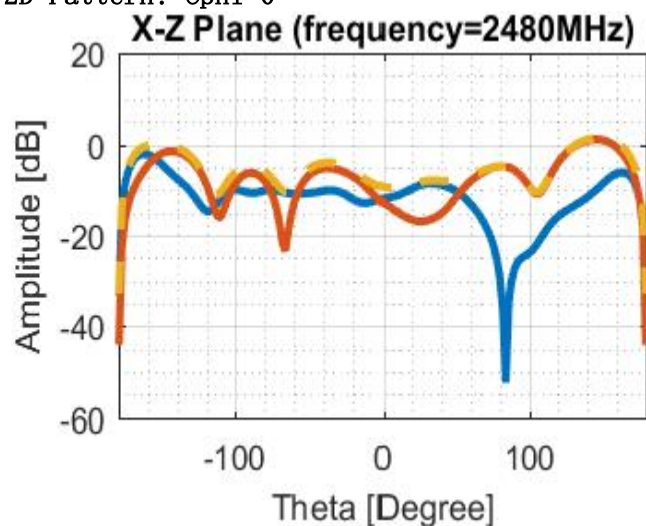
2D Pattern: @phi=90



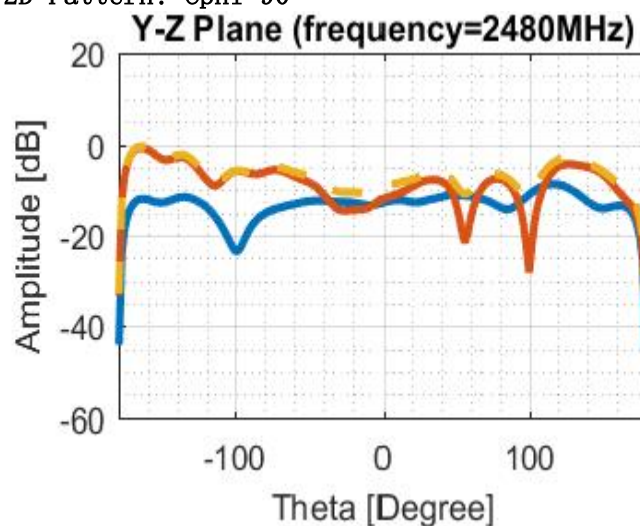
2D Pattern: @theta=90



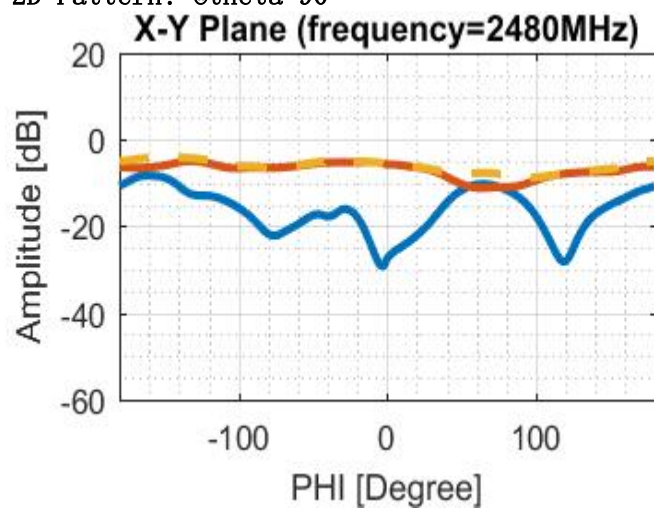
2D Pattern: @phi=0



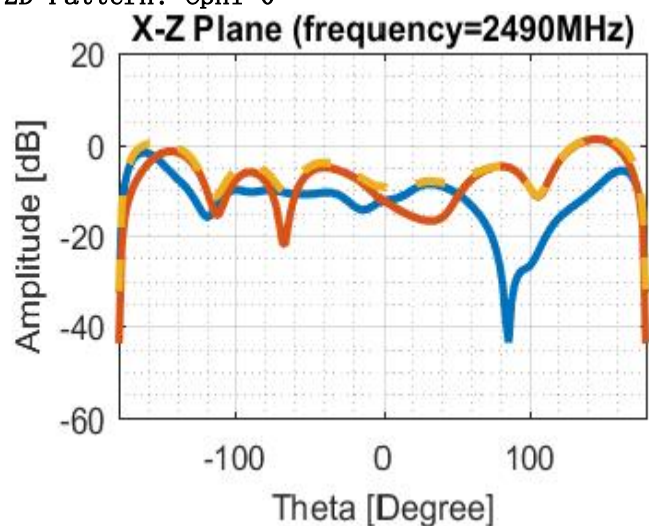
2D Pattern: @phi=90



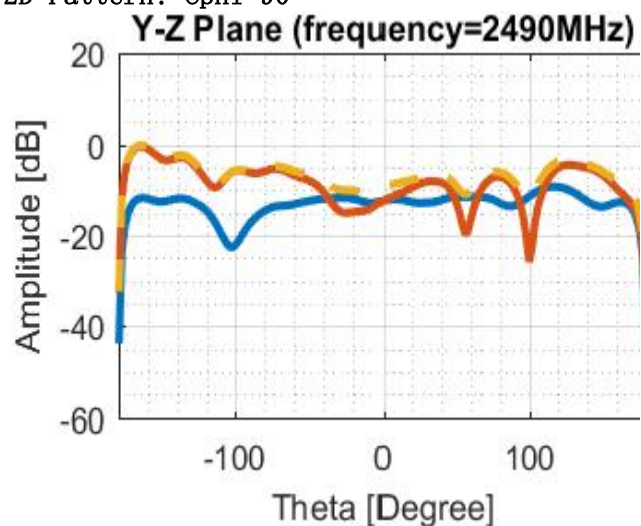
2D Pattern: @theta=90



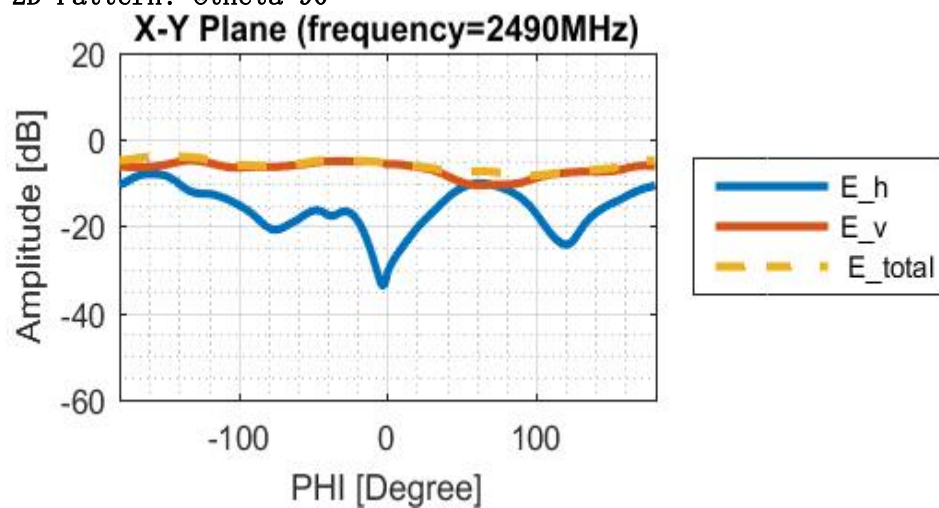
2D Pattern: @phi=0



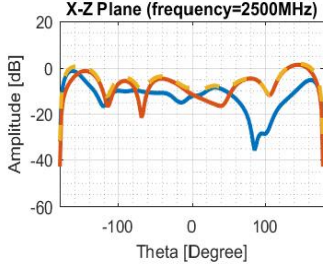
2D Pattern: @phi=90



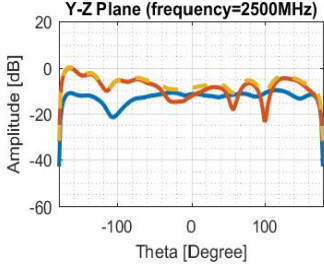
2D Pattern: @theta=90



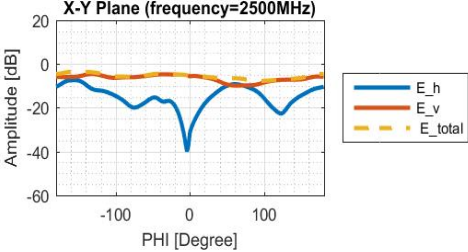
2D Pattern: @phi=0



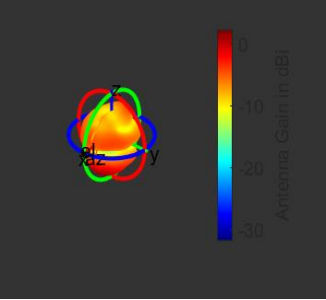
2D Pattern: @phi=90



2D Pattern: @theta=90



3D Pattern:



x-axis: red
y-axis: green
z-axis: blue

dBi	X-Z plane	Y-Z plane	X-Y plane
E_h(max)	-1.51	-9.81	-7.38
E_v(max)	1.17	-0.24	-4.68
E_total(max)	1.69	0.1	-3.49
E_h(min)	-35.87	-42.98	-40.05
E_v(min)	-42.98	-32.08	-9.9
E_total(min)	-31.74	-31.74	-7.73
E_h(avg)	-11.01	-12.14	-14.68
E_v(avg)	-7.07	-8.41	-6
E_total(avg)	-5.67	-6.9	-6.62
degree	X-Z plane	Y-Z plane	X-Y plane
E_h(max)	-164	116	-166
E_v(max)	146	-166	-132
E_total(max)	148	-166	-150
E_h(min)	86	-180	-4
E_v(min)	180	180	62
E_total(min)	180	-180	96
E_h(3dB)	23.77	102.89	43.69
E_v(3dB)	37.66	23.14	284.09
E_total(3dB)	40.38	24.44	252.82