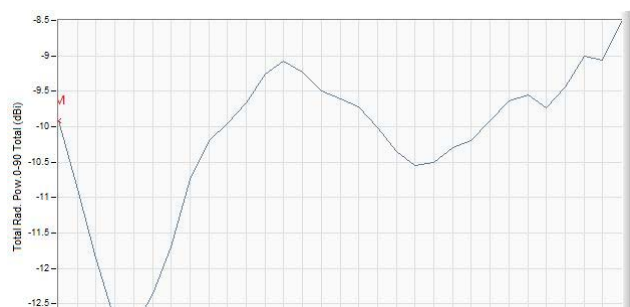
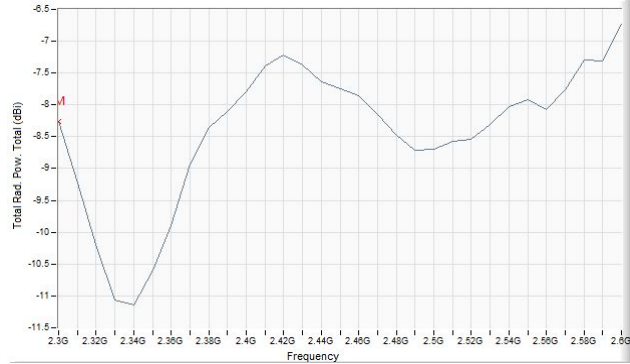
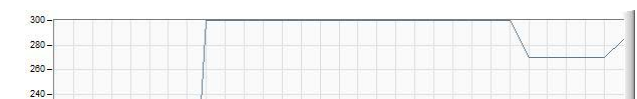
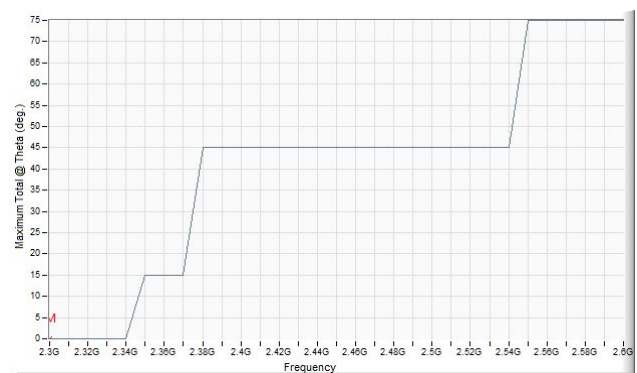
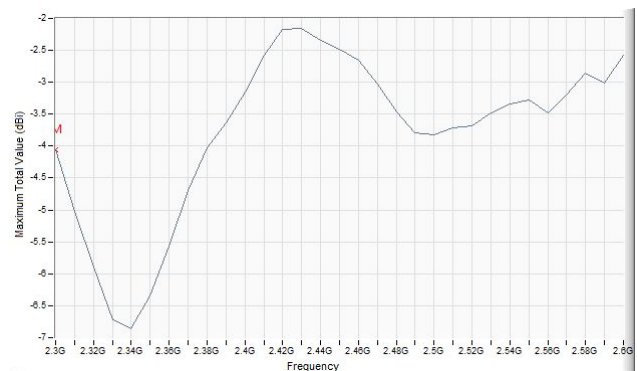
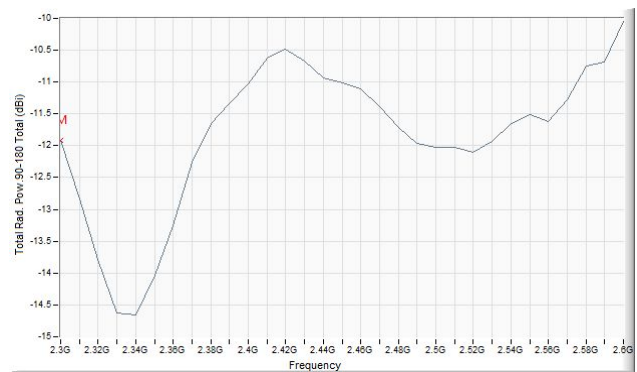
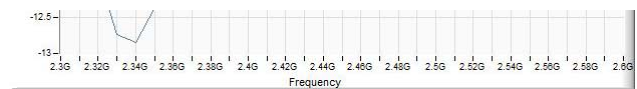
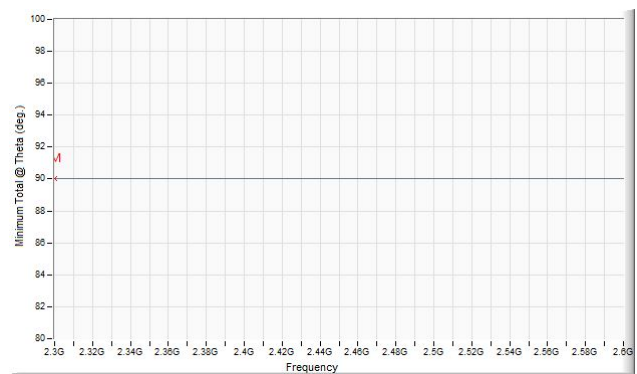
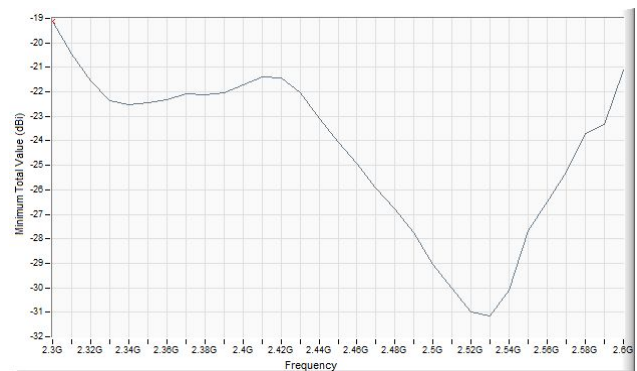
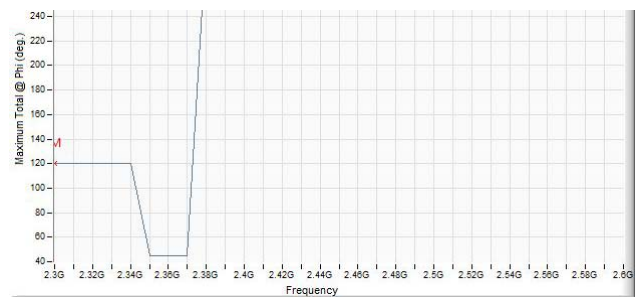
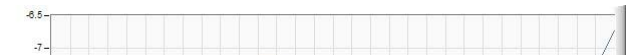
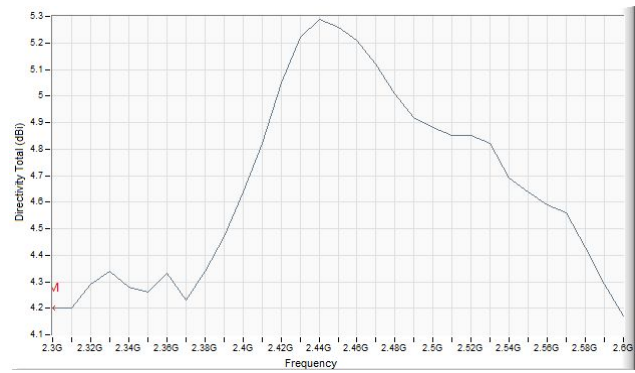
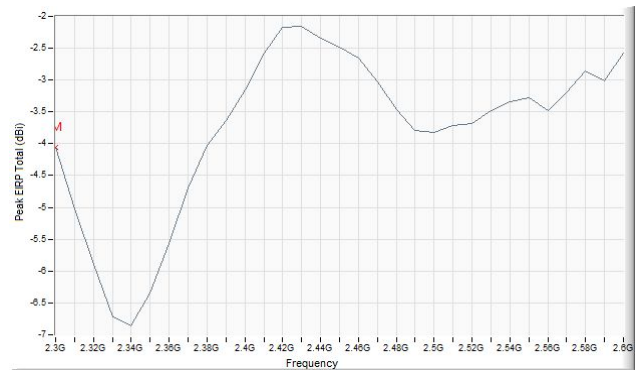
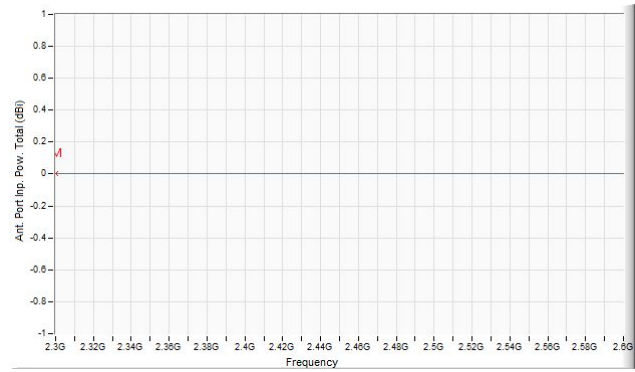
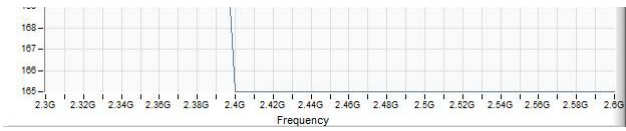


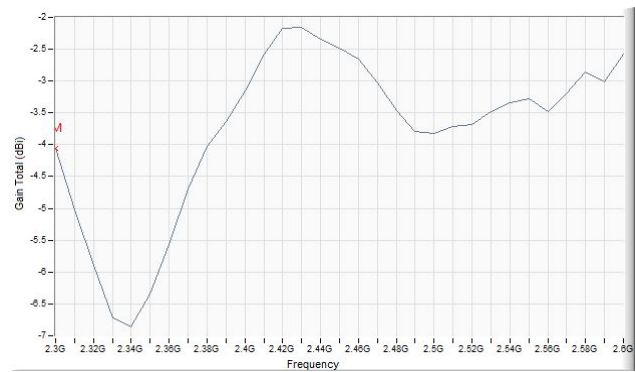
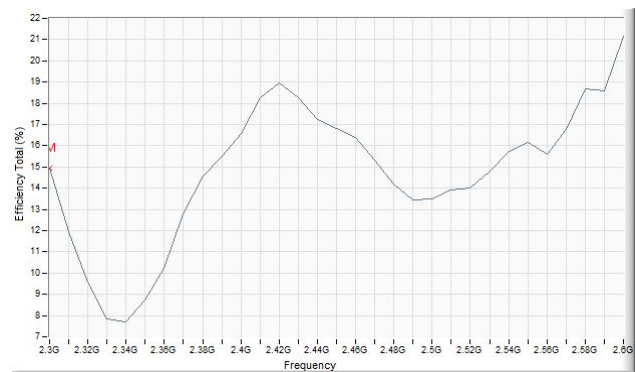
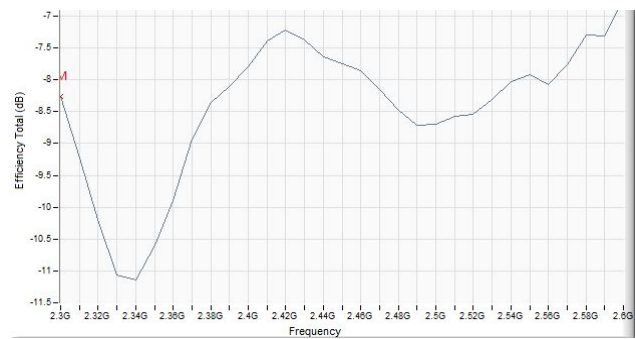
Frequency	2.3G	2.31G	2.32G	2.33G	2.34G	2.35G	2.36G	2.37G	2.38G	2.39G	2.4G	2.41G	2.42G	2.43G	2.44G	2.45G	2.46G	2.47G	2.48G	2.49G	2.5G	2.51G	2.52G	2.53G	2.54G	2.55G	2.56G	2.57G	2.58G	2.59G	2.6G	
Total Rad. Pow. Total (dBi)	-8.26	-9.22	-10.19	-11.06	-11.14	-10.6	-9.9	-8.93	-8.36	-8.1	-7.8	-7.39	-7.22	-7.38	-7.64	-7.75	-7.86	-8.15	-8.48	-8.71	-8.7	-8.57	-8.54	-8.3	-8.03	-7.91	-8.07	-7.76	-7.29	-7.31	-6.74	
Total Rad. Pow.0-90 Total (dBi)	-9.91	-10.88	-11.85	-12.73	-12.84	-12.35	-11.69	-10.74	-10.19	-9.96	-9.67	-9.26	-9.07	-9.23	-9.49	-9.61	-9.72	-10.02	-10.35	-10.55	-10.5	-10.3	-10.2	-9.91	-9.64	-9.55	-9.73	-9.44	-9.01	-9.06	-8.51	
Total Rad. Pow.90-180 Total (dBi)	-11.91	-12.83	-13.79	-14.63	-14.65	-14.03	-13.26	-12.26	-11.65	-11.34	-11.03	-10.63	-10.48	-10.67	-10.94	-11.02	-11.11	-11.38	-11.72	-11.97	-12.03	-12.03	-12.1	-11.93	-11.65	-11.51	-11.62	-11.27	-10.74	-10.69	-10.05	
Maximum Total Value (dBi)	-4.06	-5.02	-5.9	-6.72	-6.86	-6.34	-5.57	-4.7	-4.02	-3.63	-3.16	-2.57	-2.17	-2.16	-2.35	-2.49	-2.65	-3.03	-3.47	-3.79	-3.82	-3.72	-3.69	-3.48	-3.34	-3.27	-3.48	-3.2	-2.86	-3.02	-2.57	
Maximum Total @ Theta (deg.)	0	0	0	0	0	15	15	15	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	75	75	75	75	75	75	
Maximum Total @ Phi (deg.)	120	120	120	120	120	45	45	45	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	270	270	270	270	270	285	
Minimum Total Value (dBi)	-19.14	-20.46	-21.55	-22.37	-22.53	-22.44	-22.34	-22.08	-22.11	-22.04	-21.73	-21.38	-21.44	-22.02	-23.08	-24.07	-24.91	-25.94	-26.78	-27.74	-29.04	-30.02	-30.99	-31.13	-30.11	-27.68	-26.51	-25.27	-23.68	-23.32	-21.1	
Minimum Total @ Theta (deg.)	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	
Minimum Total @ Phi (deg.)	180	180	180	180	180	180	180	180	180	180	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	165	
Ant. Port Inp. Pow. Total (dBi)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Peak EIRP Total (dBi)	-4.06	-5.02	-5.9	-6.72	-6.86	-6.34	-5.57	-4.7	-4.02	-3.63	-3.16	-2.57	-2.17	-2.16	-2.35	-2.49	-2.65	-3.03	-3.47	-3.79	-3.82	-3.72	-3.69	-3.48	-3.34	-3.27	-3.48	-3.2	-2.86	-3.02	-2.57	
Directivity Total (dBi)	4.2	4.2	4.29	4.34	4.28	4.26	4.33	4.23	4.34	4.47	4.64	4.82	5.05	5.22	5.29	5.26	5.21	5.12	5.01	4.92	4.88	4.85	4.85	4.82	4.69	4.64	4.59	4.56	4.43	4.29	4.17	
Efficiency Total (dB)	-8.26	-9.22	-10.19	-11.06	-11.14	-10.6	-9.9	-8.93	-8.36	-8.1	-7.8	-7.39	-7.22	-7.38	-7.64	-7.75	-7.86	-8.15	-8.48	-8.71	-8.7	-8.57	-8.54	-8.3	-8.03	-7.91	-8.07	-7.76	-7.29	-7.31	-6.74	
Efficiency Total (%)	14.93	11.97	9.57	7.83	7.69	8.71	10.23	12.79	14.59	15.49	16.6	18.24	18.97	18.28	17.22	16.79	16.37	15.31	14.19	13.46	13.49	13.9	14	14.79	15.74	16.18	15.6	16.75	18.66	18.58	21.18	
Gain Total (dBi)	-4.06	-5.02	-5.9	-6.72	-6.86	-6.34	-5.57	-4.7	-4.02	-3.63	-3.16	-2.57	-2.17	-2.16	-2.35	-2.49	-2.65	-3.03	-3.47	-3.79	-3.82	-3.72	-3.69	-3.48	-3.34	-3.27	-3.48	-3.2	-2.86	-3.02	-2.57	
NHPIS +/-30 Total (dBi)	-11.17	-12.09	-13.02	-13.88	-13.96	-13.45	-12.78	-11.82	-11.26	-11.03	-10.74	-10.33	-10.13	-10.28	-10.53	-10.61	-10.7	-10.99	-11.31	-11.52	-11.48	-11.28	-11.17	-10.85	-10.56	-10.44	-10.6	-10.28	-9.82	-9.85	-9.28	
NHPIS +/-45 Total (dBi)	-9.64	-10.58	-11.53	-12.39	-12.47	-11.95	-11.27	-10.31	-9.75	-9.51	-9.23	-8.82	-8.64	-8.8	-9.06	-9.17	-9.26	-9.55	-9.88	-10.1	-10.06	-9.89	-9.81	-9.52	-9.23	-9.12	-9.29	-8.98	-8.54	-8.58	-8.02	
Maximum Theta Value (dBi)	-5.2	-6.19	-7.56	-8.65	-8.72	-8.02	-7.37	-6.76	-6.38	-6.19	-6.12	-6.16	-6	-6.14	-6.27	-6.14	-6.15	-6.35	-6.57	-6.69	-6.73	-6.82	-6.98	-6.74	-6.16	-5.88	-6.06	-6.16	-6	-6.24	-5.87	
Maximum Theta @ Theta (deg.)	15	15	15	15	15	45	45	45	45	45	45	45	90	120	120	120	120	120	120	120	120	120	15	15	15	15	15	15	15	0	60	
Maximum Theta @ Phi (deg.)	30	30	30	30	30	60	60	60	60	60	60	60	330	330	330	330	345	345	345	345	345	345	0	0	15	15	15	15	15	45	210	
Minimum Theta Value (dBi)	-39.7	-38.45	-40.59	-38.84	-39.61	-40.1	-36.88	-37.59	-37.07	-37.3	-39.46	-40.89	-38.7	-39.63	-38.91	-39.08	-46.63	-34.36	-33.34	-39.16	-45.34	-42.63	-44.01	-35.17	-32.26	-30.44	-28.56	-28.84	-30.38	-31.42	-35.94	
Minimum Theta @ Theta (deg.)	150	150	90	90	90	90	30	30	30	30	90	90	90	150	150	105	105	105	30	30	90	150	150	90	90	90	150	150	150	150	90	
Minimum Theta @ Phi (deg.)	30	30	0	15	195	195	90	90	90	180	180	180	135	135	45	45	45	45	75	75	45	135	135	135	165	165	135	135	135	135	45	
Maximum Phi Value (dBi)	-4.49	-5.49	-6.35	-7.19	-7.4	-7.08	-6.29	-5.08	-4.46	-4.22	-3.92	-3.45	-3.13	-3.2	-3.49	-3.78	-4.02	-4.49	-5.06	-5.49	-5.48	-5.28	-5.09	-4.75	-4.65	-4.66	-4.94	-4.5	-4.1	-4.22	-3.47	
Maximum Phi @ Theta (deg.)	0	0	0	0	0	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	75	75	
Maximum Phi @ Phi (deg.)	105	105	105	105	105	300	300	315	315	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	300	90	90
Minimum Phi Value (dBi)	-44.27	-38.27	-40.33	-42.56	-39.18	-35.55	-41.31	-41.87	-40.17	-45.94	-33.44	-32.95	-34.98	-34.81	-32.88	-33	-35.17	-40.58	-44.48	-40.45	-37.68	-36.9	-38.21	-38.39	-37.63	-40.23	-41.97	-44.87	-43.28	-41.12	-39.35	
Minimum Phi @ Theta (deg.)	135	135	90	135	135	150	150	150	150	165	165	135	135	120	135	135	150	105	150	135	135	90	135	135	135	135	135	135	135	135	135	
Minimum Phi @ Phi (deg.)	345	345	75	330	330	315	315	315	315	315	300	345	345	195	345	345	330	60	330	345	345	165	330	330	330	330	330	330	330	330	330	

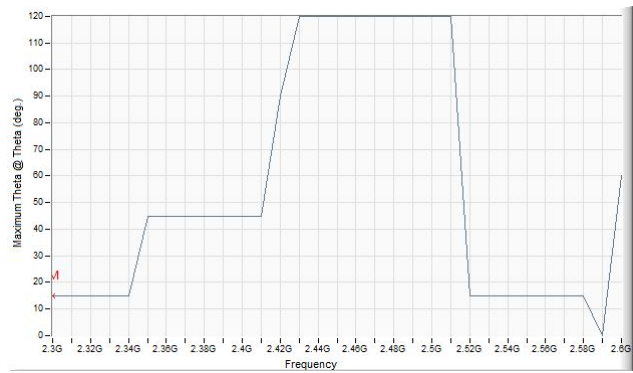
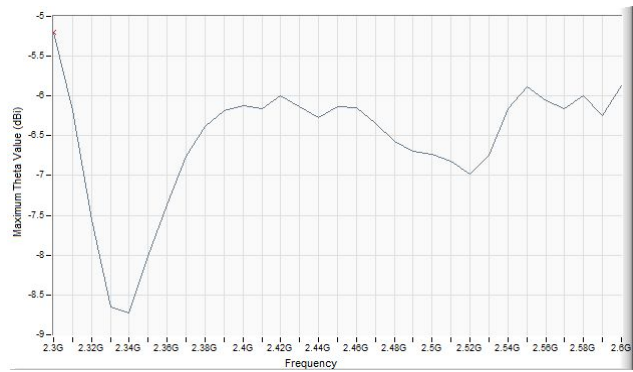
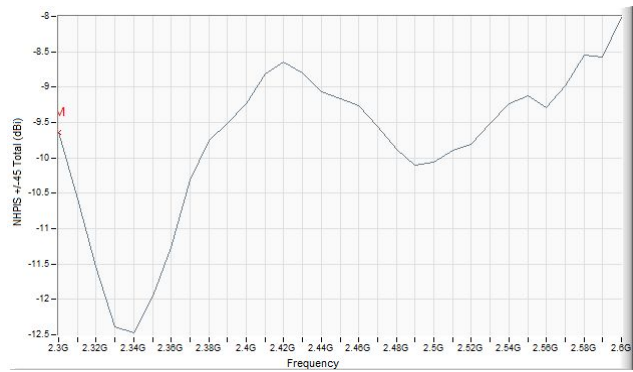
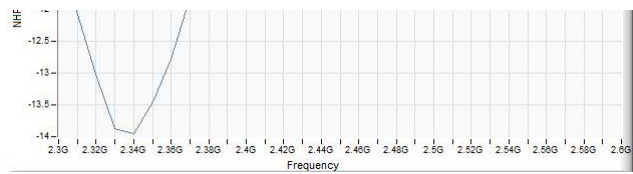


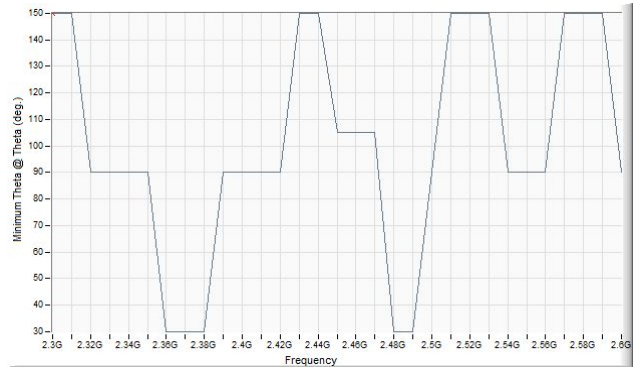
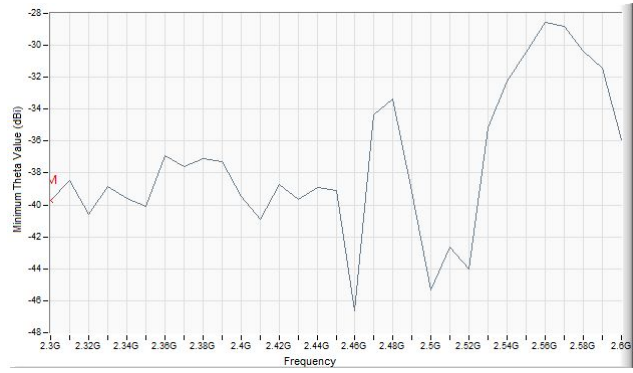
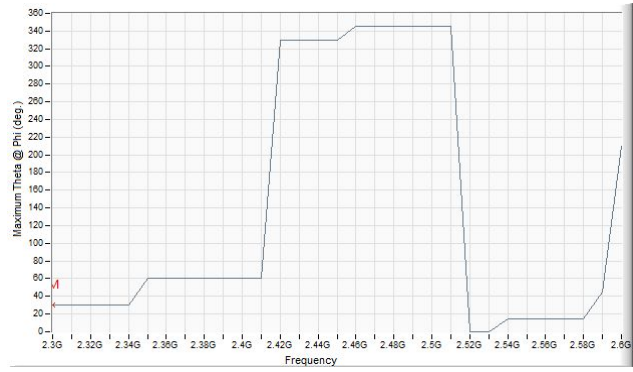


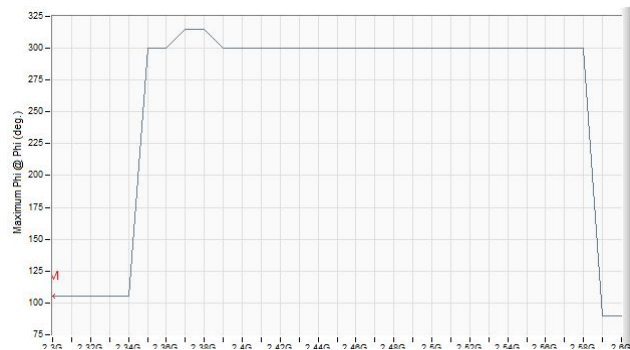
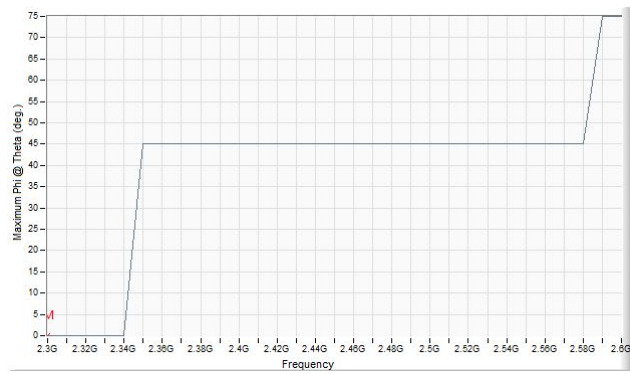
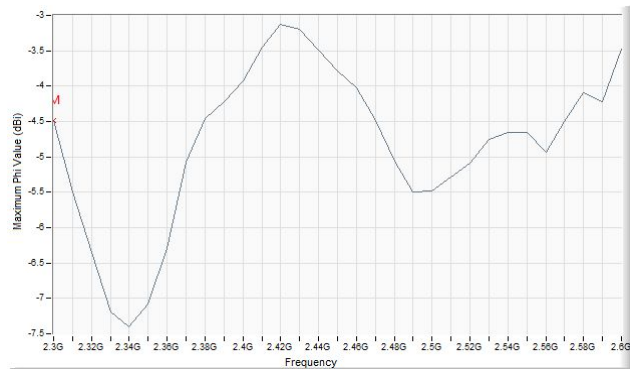
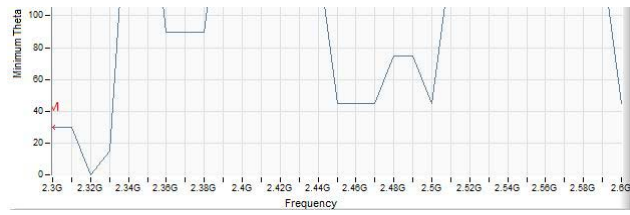


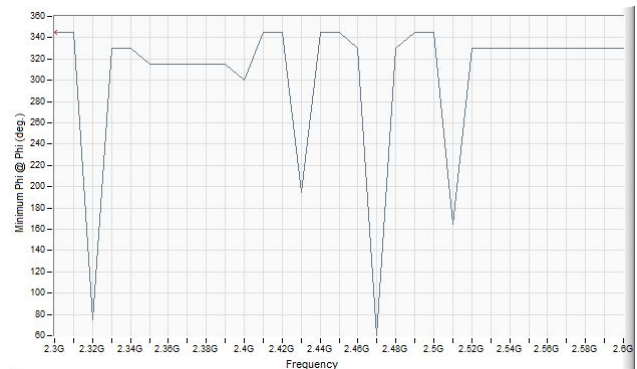
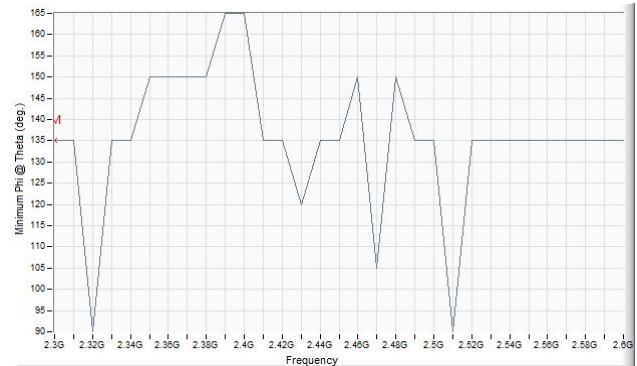
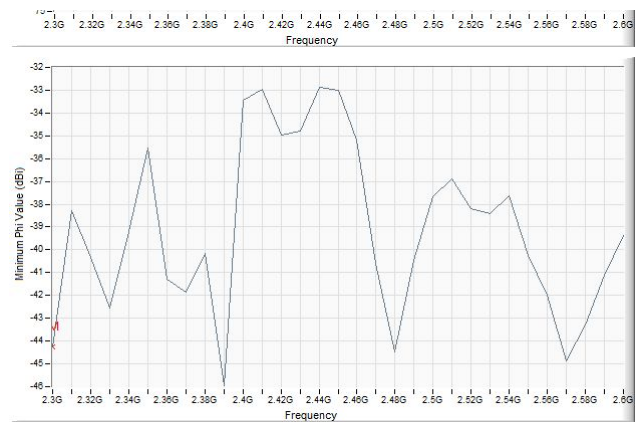




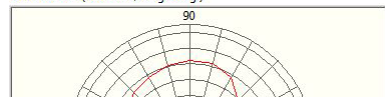




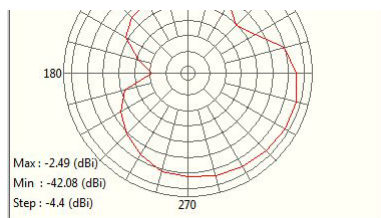




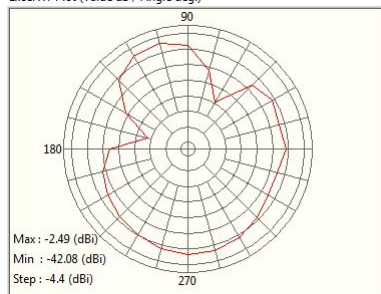
Theta H
Excel XY Plot (Value dB / Angle deg.)



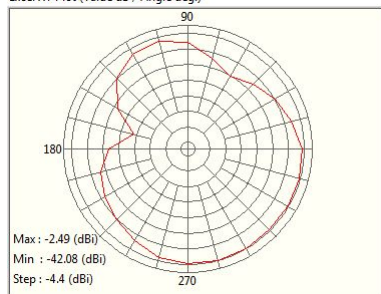
2450



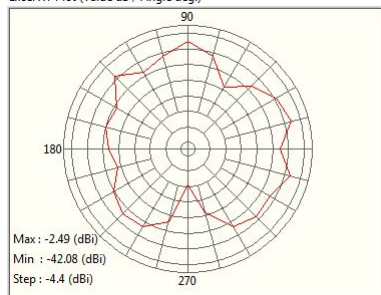
Phi H
Excel XY Plot (Value dB / Angle deg.)



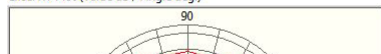
Total H
Excel XY Plot (Value dB / Angle deg.)

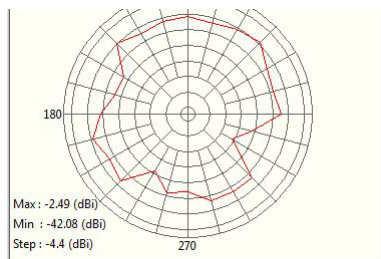


Theta E1
Excel XY Plot (Value dB / Angle deg.)

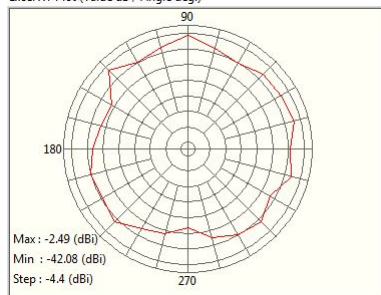


Phi E1
Excel XY Plot (Value dB / Angle deg.)

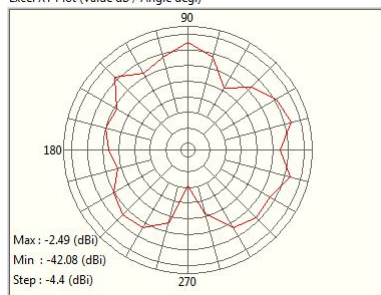




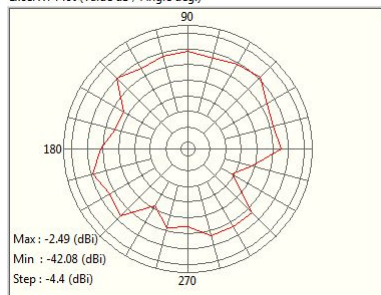
Total E1
Excel XY Plot (Value dB / Angle deg.)



Theta E2
Excel XY Plot (Value dB / Angle deg.)



Phi E2
Excel XY Plot (Value dB / Angle deg.)



Total E2
Excel XY Plot (Value dB / Angle deg.)

on

