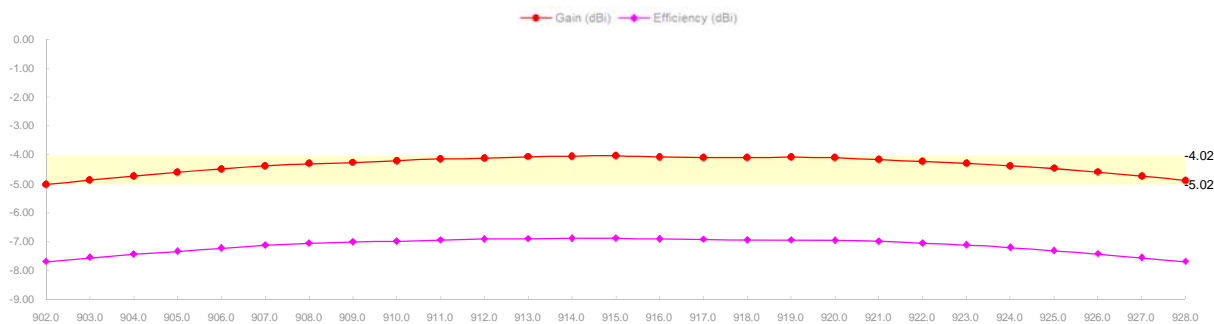
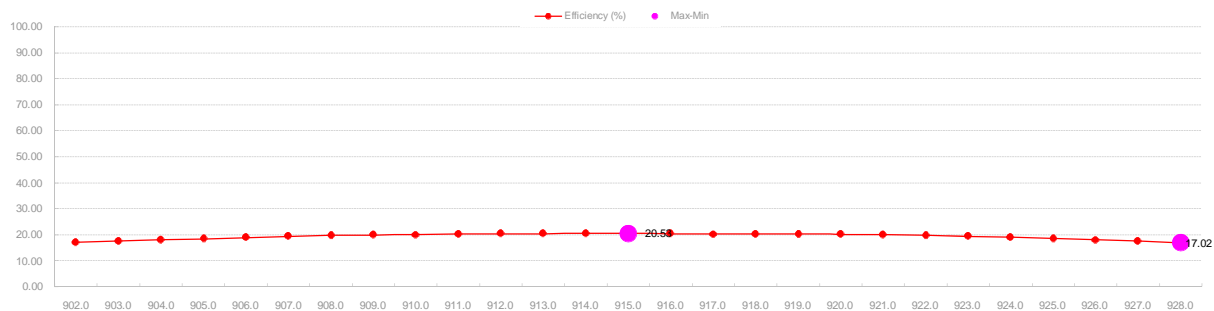


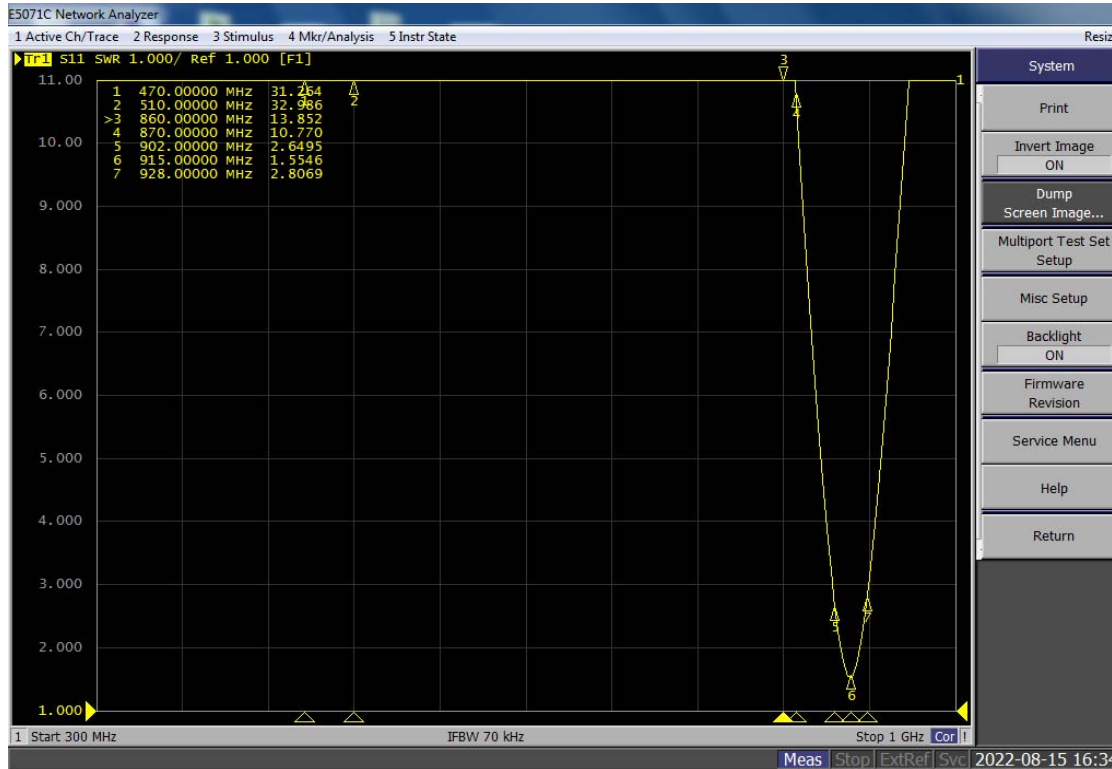
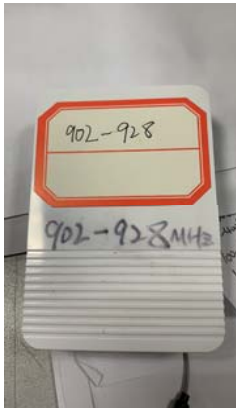
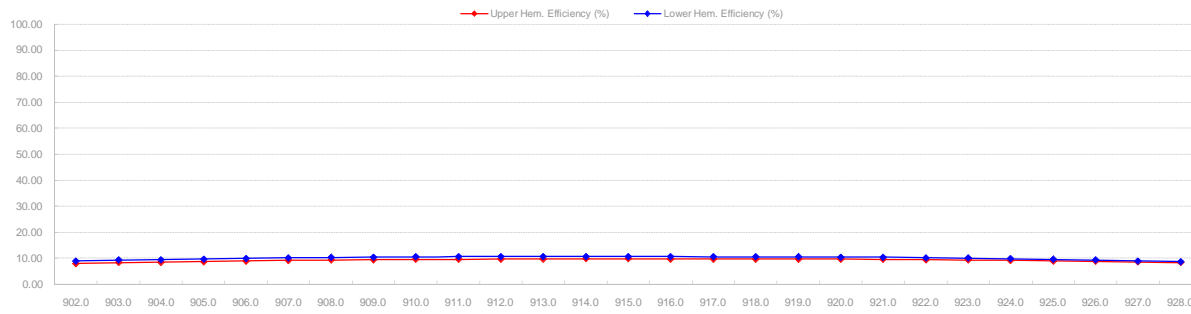
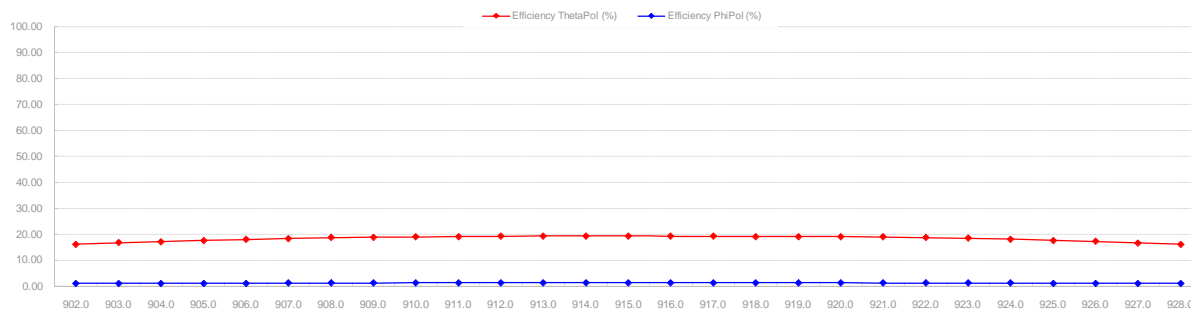


M.gear

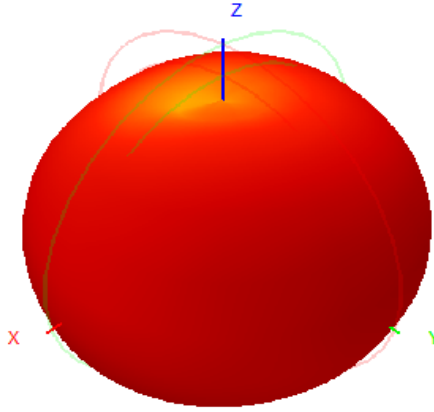
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
Frequency (MHz)	902.0	903.0	904.0	905.0	906.0	907.0	908.0	909.0	910.0	911.0	912.0	913.0	914.0	915.0	916.0	917.0	918.0	919.0	920.0	921.0	922.0	923.0	924.0	925.0	926.0	927.0	928.0	
Efficiency (dBi)	-7.69	-7.55	-7.43	-7.33	-7.22	-7.12	-7.05	-7.00	-6.97	-6.93	-6.90	-6.89	-6.88	-6.88	-6.90	-6.92	-6.93	-6.94	-6.95	-6.99	-7.05	-7.11	-7.20	-7.31	-7.42	-7.55	-7.69	
Gain (dBi)	-5.02	-4.87	-4.73	-4.59	-4.48	-4.38	-4.30	-4.26	-4.19	-4.13	-4.11	-4.06	-4.04	-4.02	-4.06	-4.08	-4.09	-4.07	-4.09	-4.16	-4.22	-4.29	-4.37	-4.46	-4.59	-4.73	-4.89	
Efficiency (%)	17.03	17.59	18.06	18.49	18.98	19.40	19.73	19.96	20.07	20.27	20.39	20.46	20.52	20.53	20.42	20.34	20.27	20.23	20.20	20.02	19.74	19.47	19.07	18.58	18.13	17.58	17.02	
Directivity (dB)	2.67	2.68	2.70	2.74	2.73	2.75	2.75	2.74	2.78	2.80	2.79	2.83	2.84	2.86	2.83	2.83	2.84	2.87	2.85	2.83	2.83	2.82	2.83	2.85	2.83	2.82	2.80	
Peak Gain Position (Theta)	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	105.00	
Peak Gain Position (Phi)	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	285.00	300.00	300.00	285.00	285.00	285.00	300.00	285.00	
Efficiency ThetaPol (%)	16.08	16.62	17.06	17.48	17.93	18.32	18.62	18.80	18.89	19.05	19.15	19.20	19.25	19.24	19.17	19.10	19.05	19.03	19.02	18.87	18.62	18.38	18.01	17.55	17.12	16.58	16.04	
Efficiency PhiPol (%)	0.95	0.97	0.99	1.01	1.05	1.08	1.12	1.15	1.18	1.22	1.25	1.27	1.28	1.28	1.26	1.24	1.22	1.20	1.18	1.15	1.12	1.09	1.07	1.04	1.01	1.00	0.98	
Upper Hem. Efficiency (%)	8.04	8.31	8.53	8.74	8.98	9.19	9.35	9.46	9.53	9.63	9.69	9.74	9.78	9.78	9.74	9.72	9.69	9.69	9.70	9.63	9.51	9.39	9.23	9.00	8.82	8.56	8.31	
Lower Hem. Efficiency (%)	8.99	9.28	9.52	9.75	9.99	10.21	10.38	10.50	10.54	10.64	10.70	10.72	10.74	10.75	10.68	10.62	10.58	10.54	10.50	10.39	10.22	10.08	9.85	9.58	9.31	9.02	8.71	
T90(H) 圆度	1.45	1.49	1.54	1.62	1.38	1.44	1.44	1.55	1.59	1.62	1.55	1.65	1.64	1.70	1.71	1.63	1.65	1.64	1.59	1.66	1.73	1.65	1.63	1.62	1.66	1.77		
Gain 15deg (dBi)	103.00	101.00	101.00	101.00	104.00	100.00	102.00	103.00	105.00	104.00	100.00	100.00	101.00	103.00	100.00	100.00	101.00	101.00	100.00	98.00	97.00	98.00	98.00	97.00	96.00	100.00	97.00	
E1(XZ) 波瓣宽度	3.00	3.09	3.06	3.18	2.88	3.20	3.09	3.09	3.02	3.04	3.34	3.25	3.23	3.13	3.26	3.31	3.24	3.22	3.26	3.40	3.42	3.40	3.48	3.47	3.46	3.35	3.63	
E1(XZ) 前后比	63.00	65.00	64.00	63.00	63.00	62.00	61.00	62.00	62.00	61.00	60.00	62.00	61.00	60.00	62.00	61.00	62.00	59.00	61.00	60.00	59.00	61.00	62.00	64.00	62.00	64.00	63.00	65.00
E2(YZ) 波瓣宽度	4.30	4.31	4.33	4.36	4.40	4.51	4.45	4.49	4.56	4.61	4.60	4.67	4.61	4.68	4.71	4.75	4.66	4.74	4.81	4.81	4.75	4.74	4.86	4.80	4.83	4.86	4.86	
E2(YZ) 前后比	41.36	45.74	43.83	52.45	50.35	46.21	41.97	39.29	45.95	49.31	55.10	52.37	83.72	42.98	41.19	40.29	39.11	40.97	38.94	52.21	46.20	42.96	46.41	49.19	56.74	35.84	52.28	
最大增益处轴比(P)	9.98	10.07	10.09	10.19	10.29	10.18	10.08	10.25	10.31	10.38	10.50	10.75	10.72	10.97	10.84	11.58	11.60	11.63	12.47	12.61	13.10	13.22	13.15	13.47	13.44	13.77	14.14	
顶点(Theta=0)处轴比(P)	67.22	70.42	57.65	62.93	70.98	68.96	60.25	69.11	57.23	75.84	70.62	67.66	62.89	56.09	57.72	76.33	82.57	65.90	60.22	61.04	66.27	101.30	65.54	63.01	76.64	61.83	55.93	
Hc(XY) 波瓣宽度	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	
Hc(XY) 前后比	0.35	0.25	0.25	0.30	0.26	0.31	0.27	0.25	0.24	0.18	0.32	0.46	0.35	0.29	0.29	0.20	0.38	0.33	0.39	0.22	0.33	0.42	0.37	0.19	0.29	0.25	0.54	
左旋圆极化效率(%)	8.44	8.72	8.96	9.18	9.41	9.63	9.79	9.90	9.97	10.06	10.13	10.14	10.17	10.15	10.10	10.06	10.01	9.96	9.94	9.84	9.67	9.54	9.34	9.08	8.83	8.55	8.26	
右旋圆极化效率(%)	8.59	8.87	9.10	9.31	9.57	9.77	9.94	10.06	10.10	10.21	10.27	10.32	10.35	10.38	10.32	10.28	10.26	10.27	10.26	10.18	10.06	9.93	9.73	9.50	9.30	9.03	8.76	
Empty																												



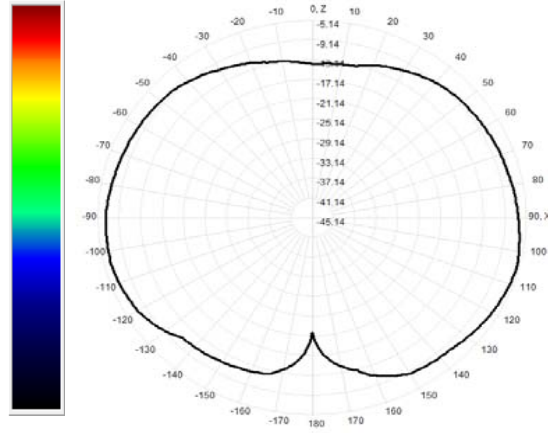
Xiamen Milesight IoT Co., Ltd.
 Add: Building C09, Software Park Phase III, Xiamen 361024, Fujian, China
 Name : EM320-Antenna
 model : 902-928



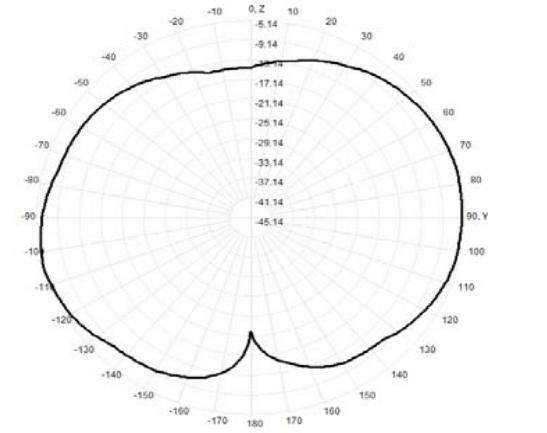
902.0MHz H+V, Eff: 17.0%



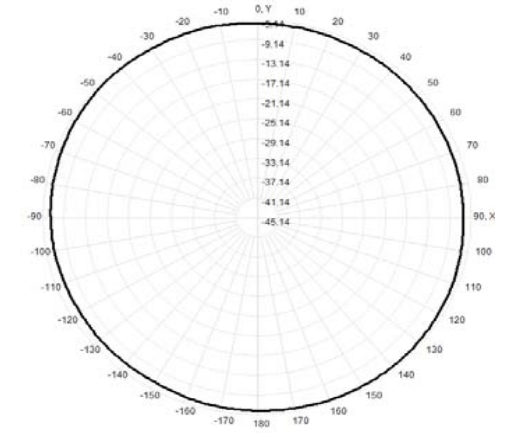
902.0MHz Total(E1-XZ), Max= -5.77dBi



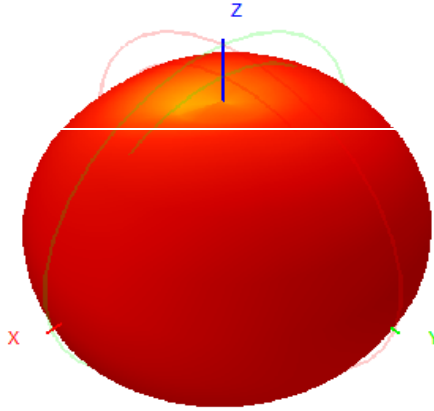
902.0MHz Total(E2-YZ), Max= -5.14dBi



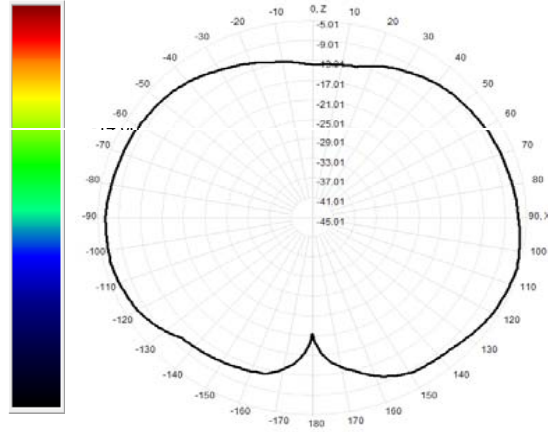
Total(H-XY), Max= -5.51dBi, CirD=1.45



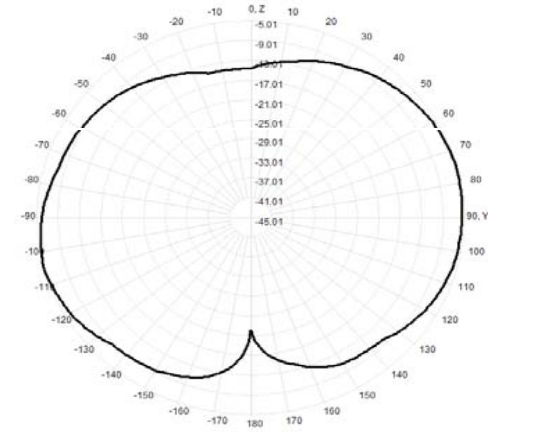
903.0MHz H+V, Eff: 17.6%



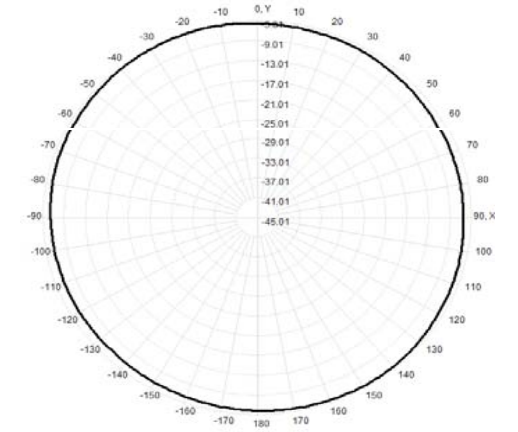
903.0MHz Total(E1-XZ), Max= -5.58dBi



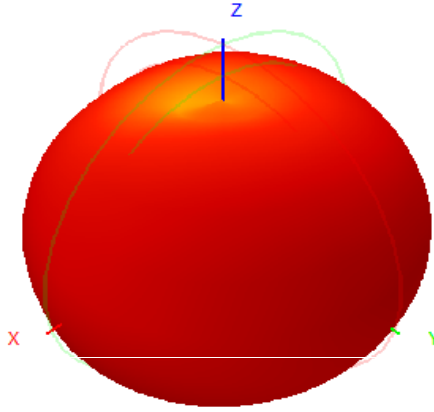
903.0MHz Total(E2-YZ), Max= -5.01dBi



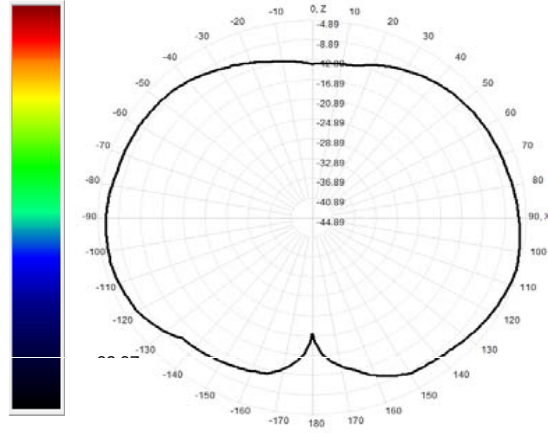
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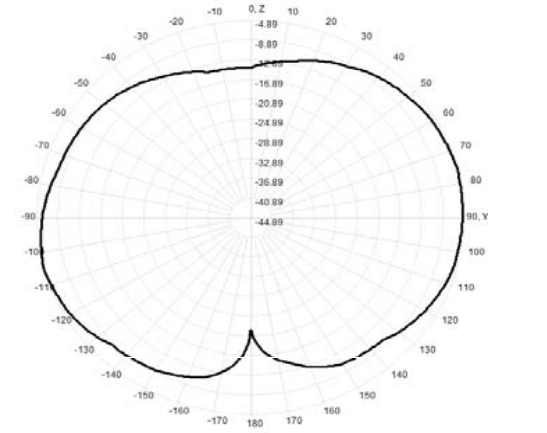
904.0MHz H+V, Eff: 18.1%



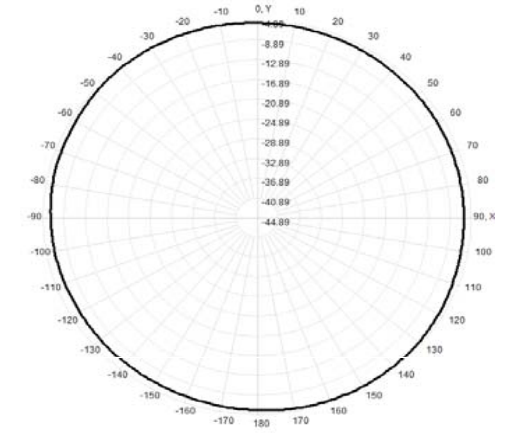
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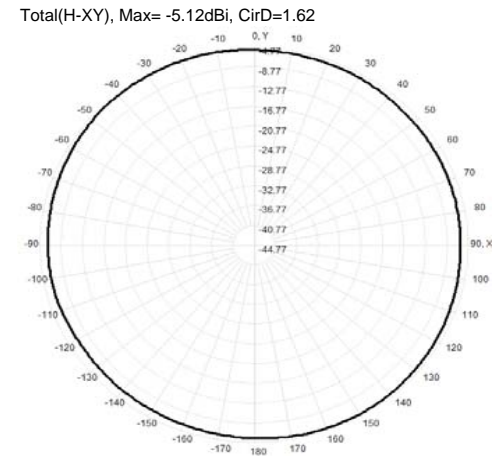
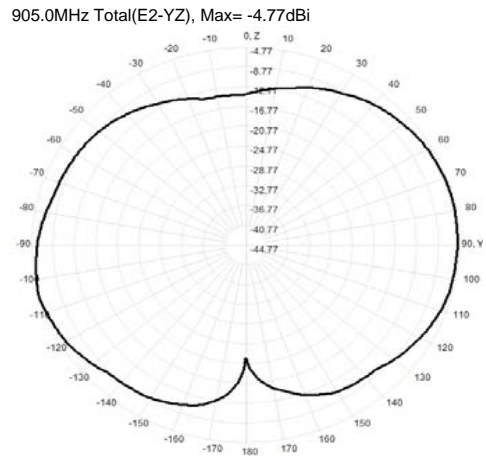
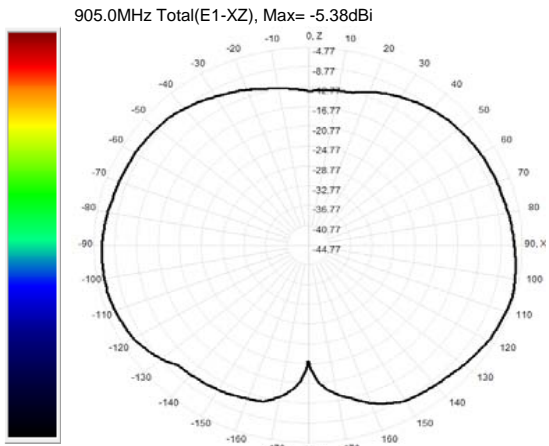
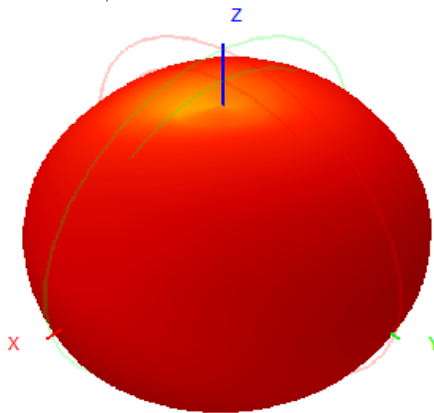
904.0MHz Total(E2-YZ), Max= -4.89dBi



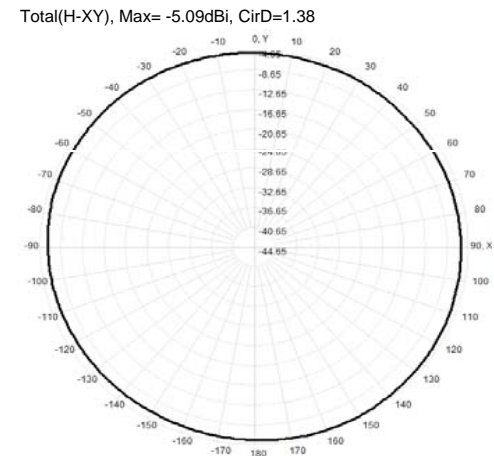
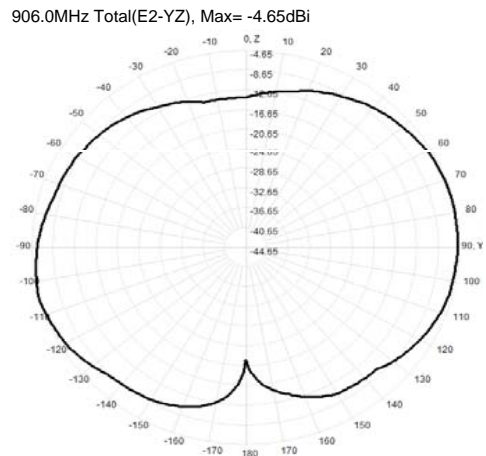
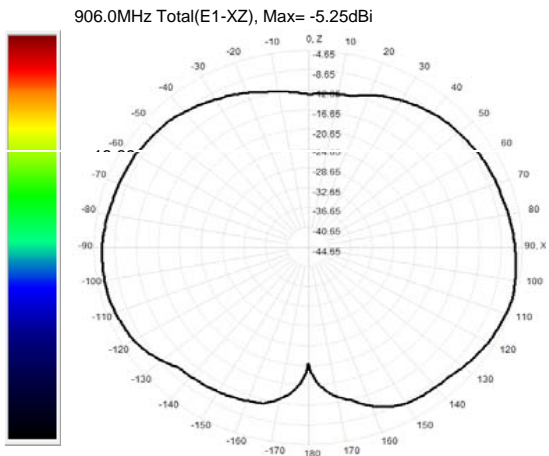
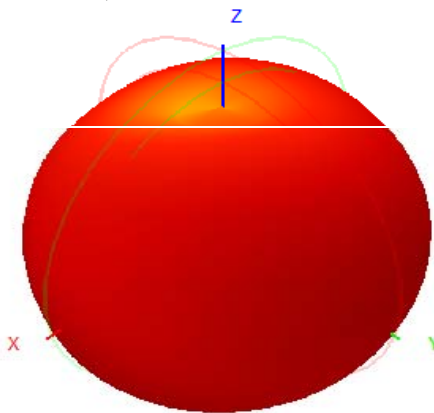
Total(H-XY), Max= -5.23dBi, CirD=1.54



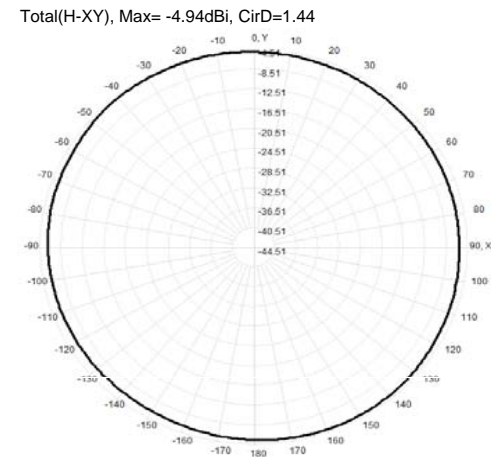
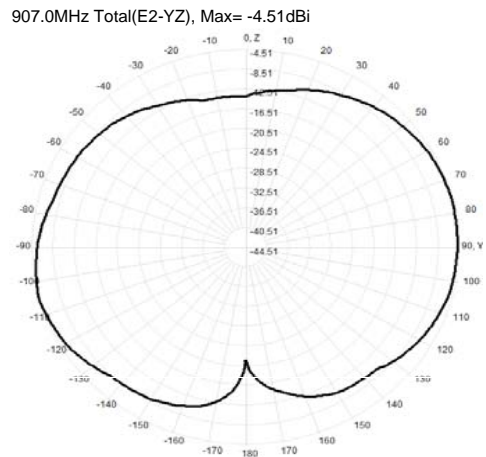
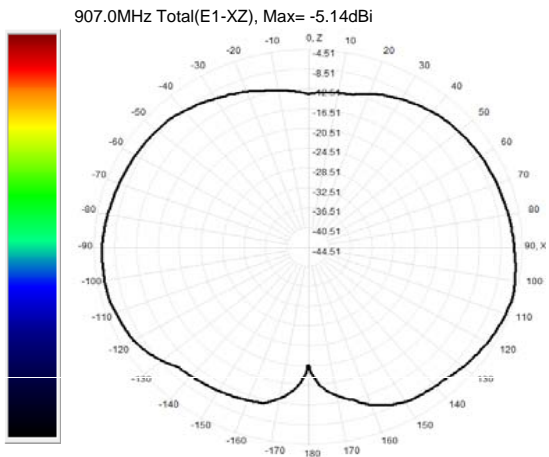
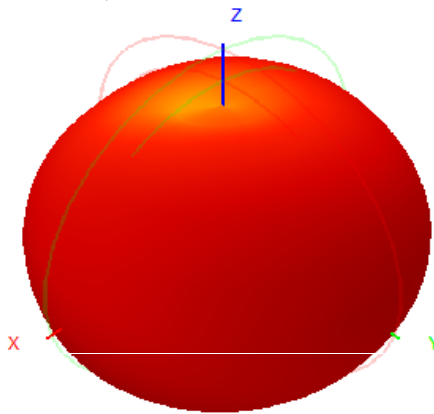
905.0MHz H+V, Eff: 18.5%



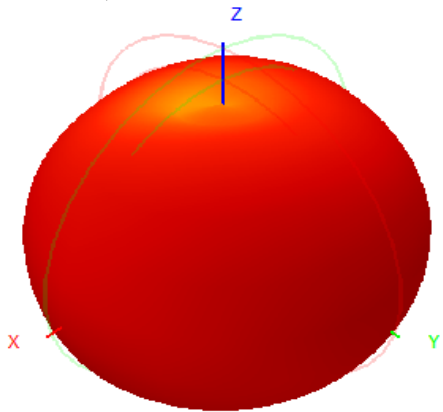
906.0MHz H+V, Eff: 19.0%



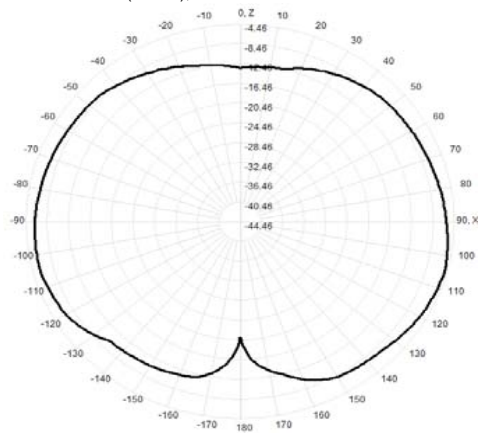
907.0MHz H+V, Eff: 19.4%



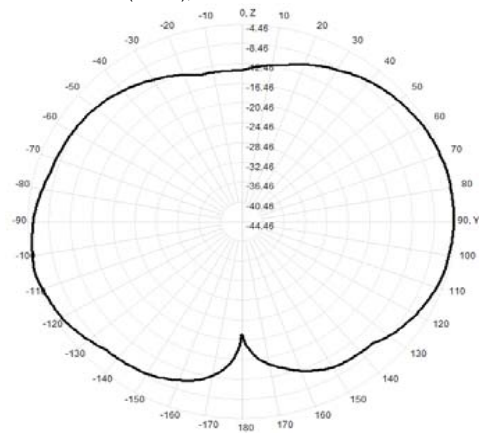
908.0MHz H+V, Eff: 19.7%



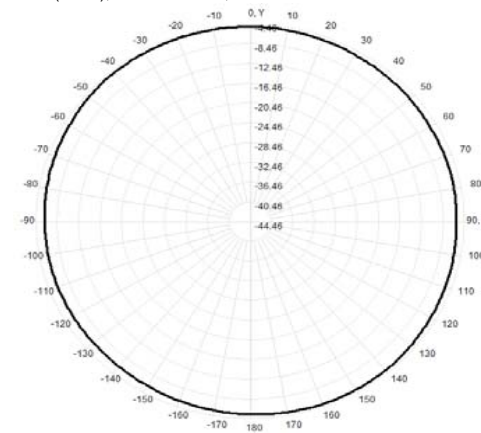
908.0MHz Total(E1-XZ), Max= -5.09dBi



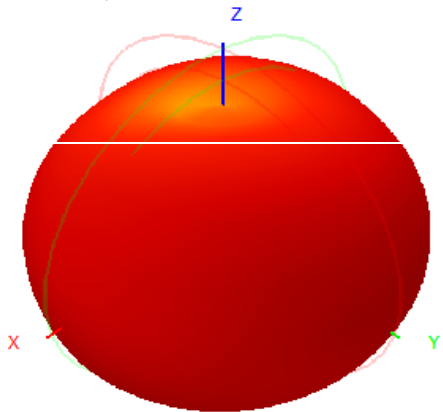
908.0MHz Total(E2-YZ), Max= -4.46dBi



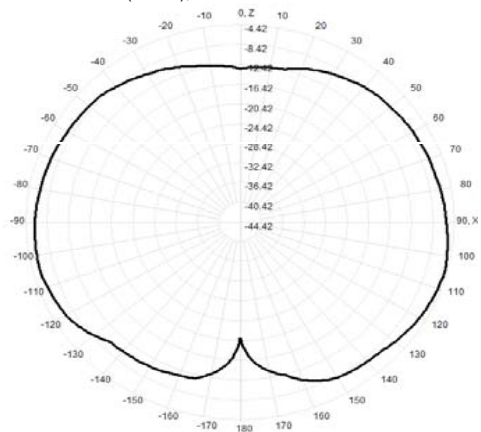
Total(H-XY), Max= -4.93dBi, CirD=1.44



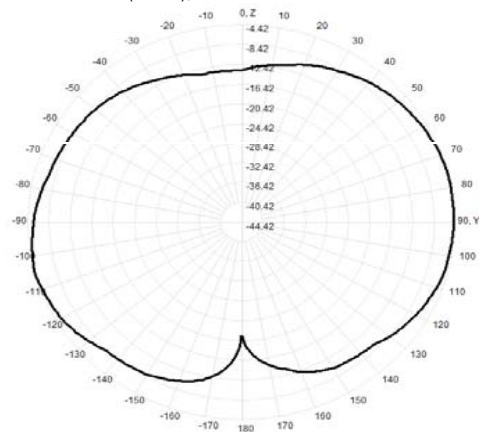
909.0MHz H+V, Eff: 20.0%



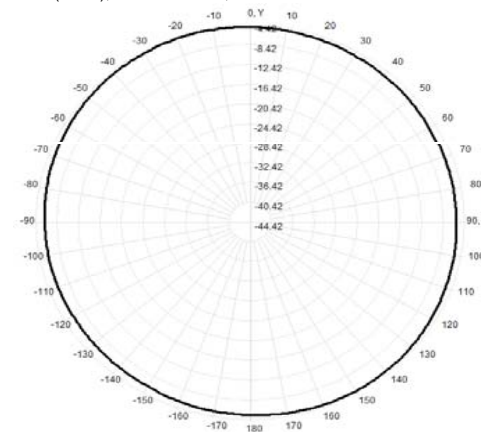
909.0MHz Total(E1-XZ), Max= -5.06dBi



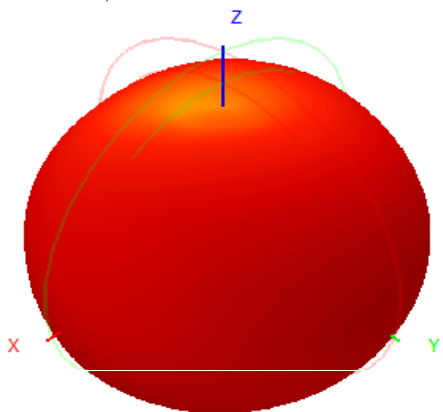
909.0MHz Total(E2-YZ), Max= -4.42dBi



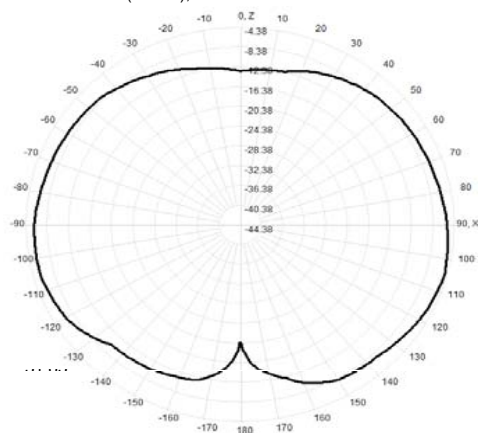
Total(H-XY), Max= -4.81dBi, CirD=1.55



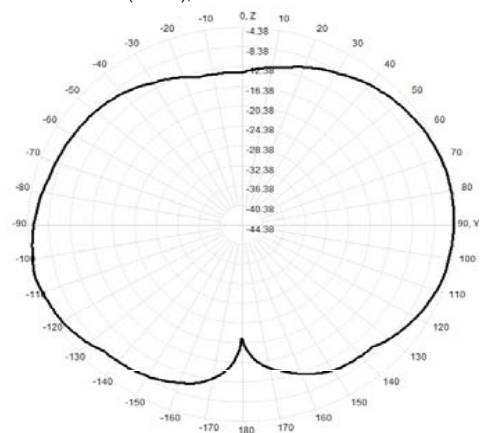
910.0MHz H+V, Eff: 20.1%



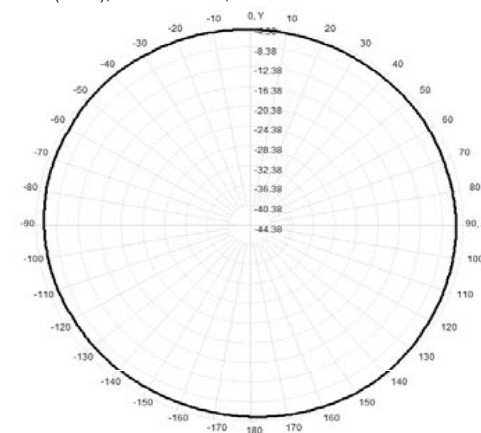
910.0MHz Total(E1-XZ), Max= -5.08dBi



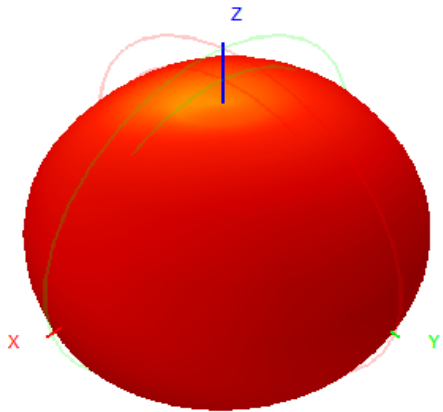
910.0MHz Total(E2-YZ), Max= -4.38dBi



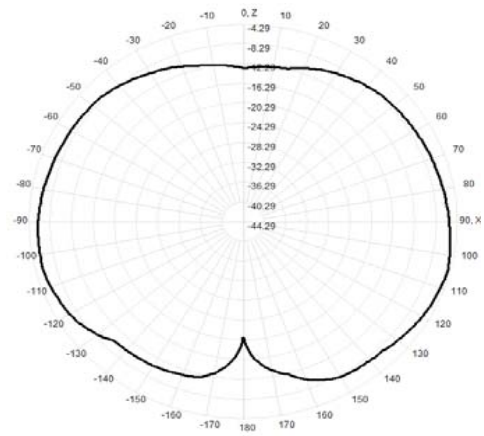
Total(H-XY), Max= -4.80dBi, CirD=1.59



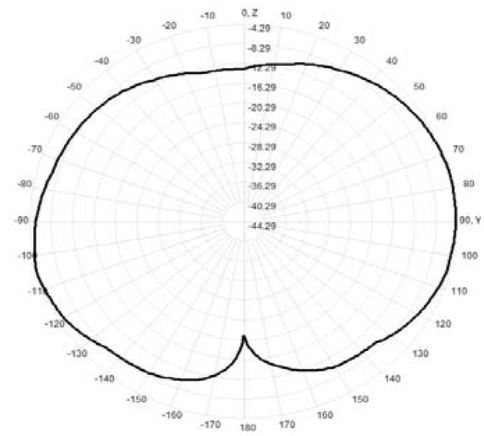
911.0MHz H+V, Eff: 20.3%



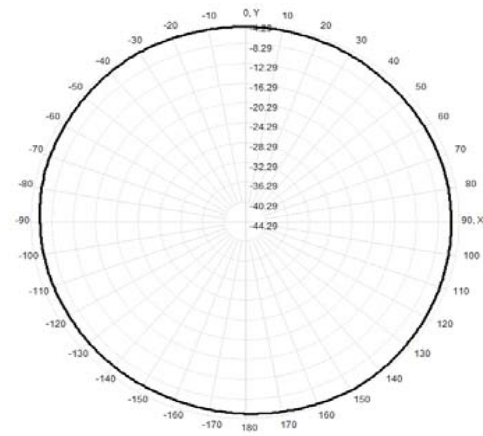
911.0MHz Total(E1-XZ), Max=-4.97dBi



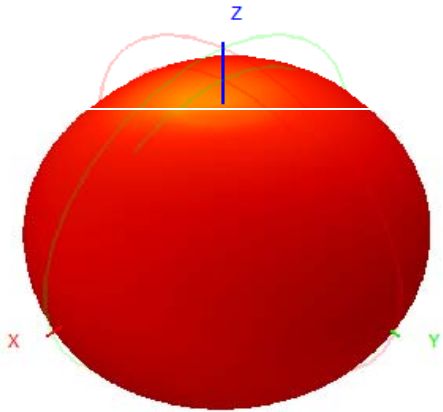
911.0MHz Total(E2-YZ), Max=-4.29dBi



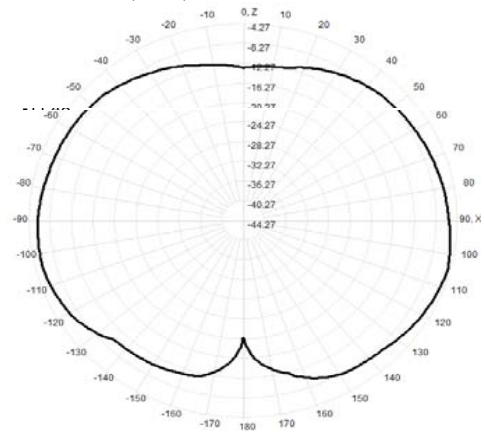
Total(H-XY), Max=-4.71dBi, CirD=1.62



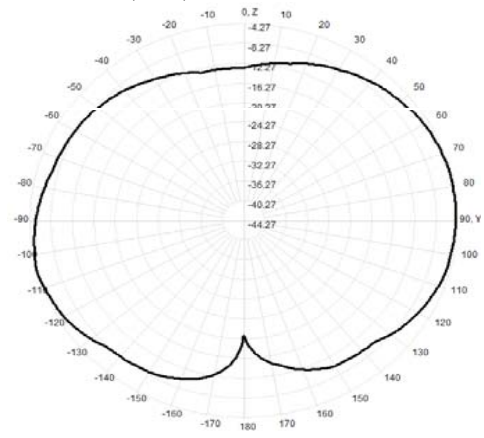
912.0MHz H+V, Eff: 20.4%



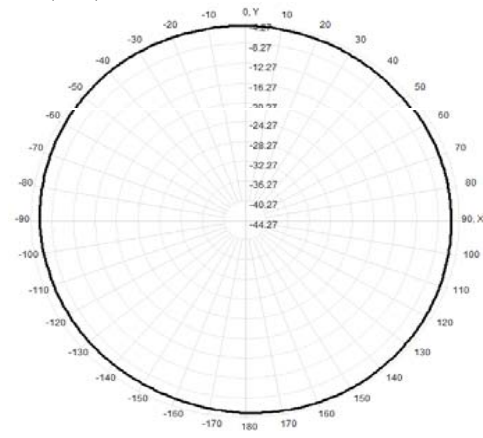
912.0MHz Total(E1-XZ), Max=-4.94dBi



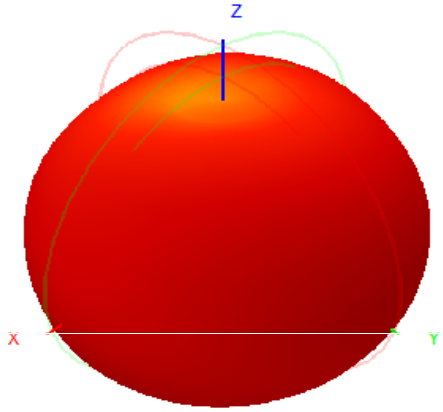
912.0MHz Total(E2-YZ), Max=-4.27dBi



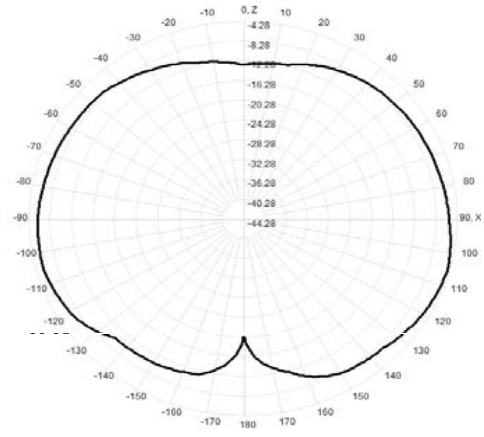
Total(H-XY), Max=-4.70dBi, CirD=1.55



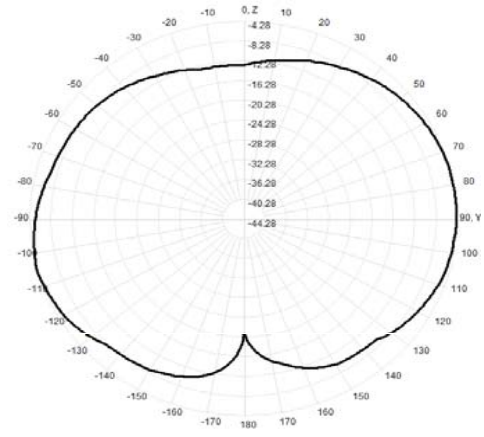
913.0MHz H+V, Eff: 20.5%



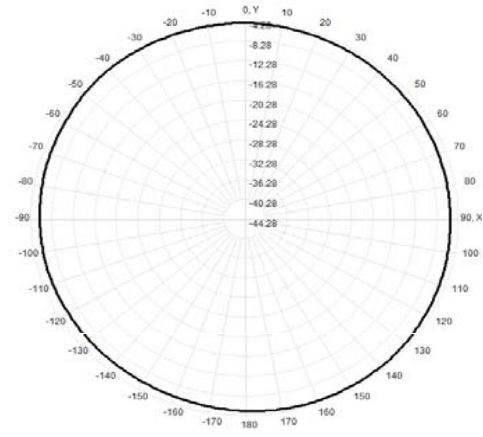
913.0MHz Total(E1-XZ), Max=-4.89dBi



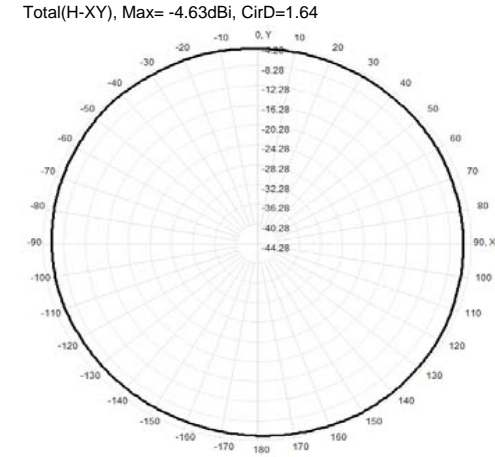
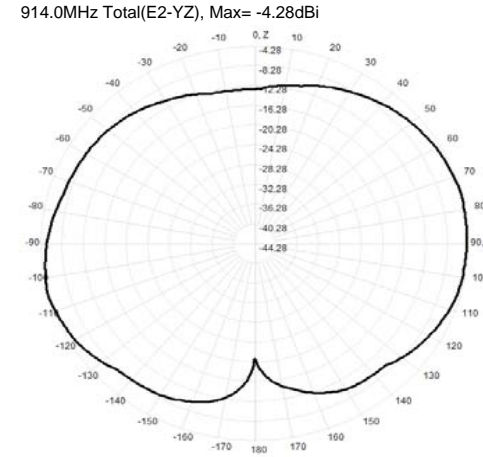
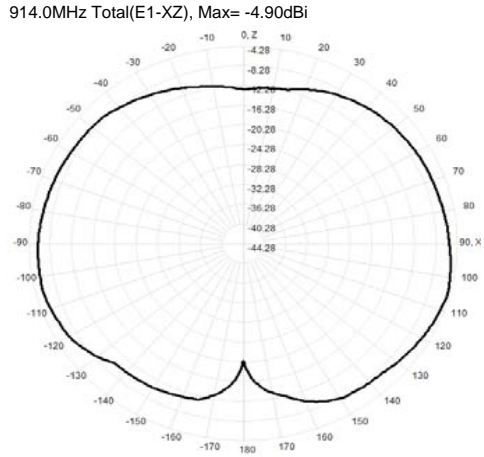
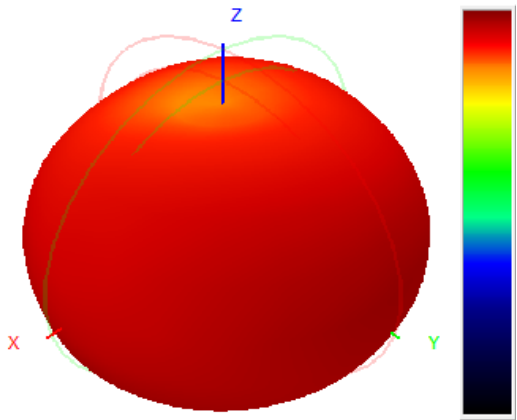
913.0MHz Total(E2-YZ), Max=-4.28dBi



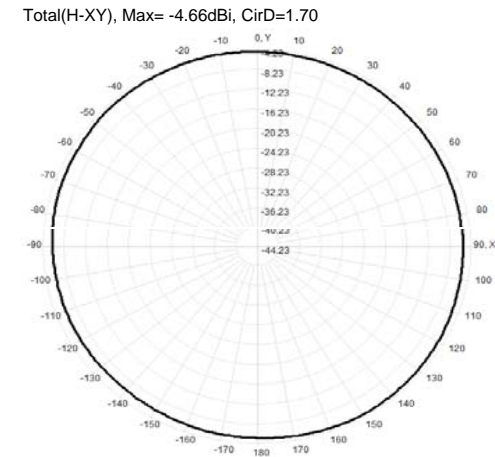
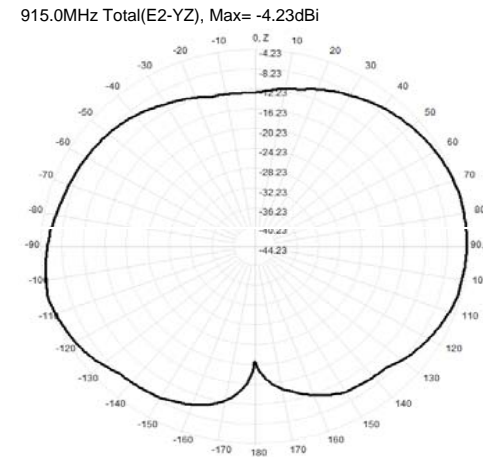
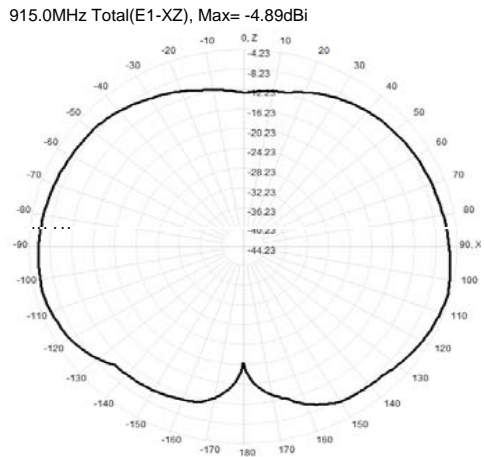
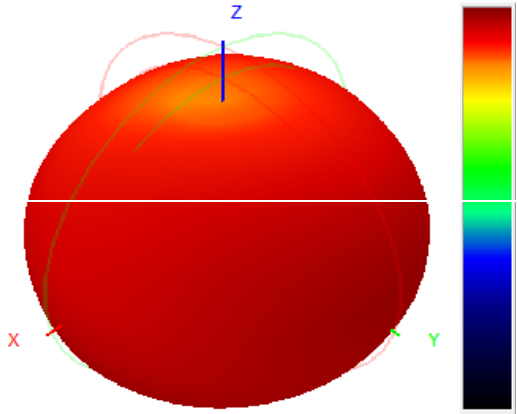
Total(H-XY), Max=-4.61dBi, CirD=1.65



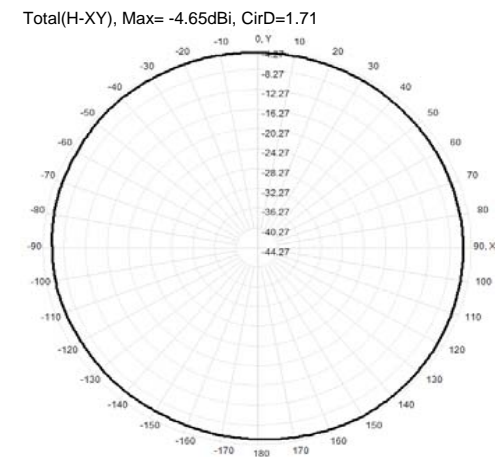
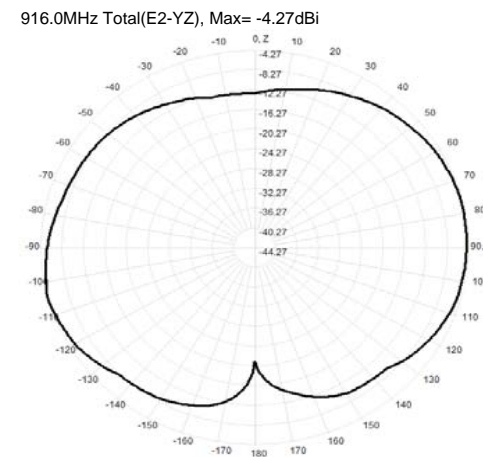
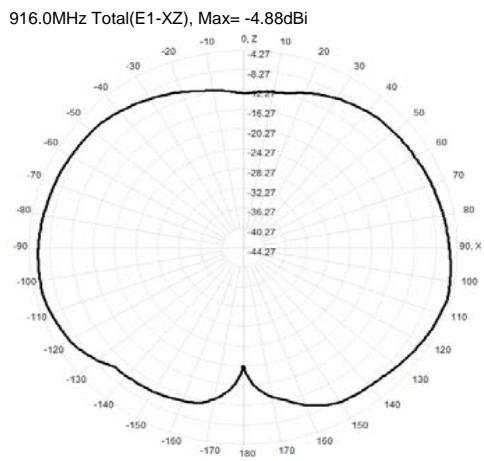
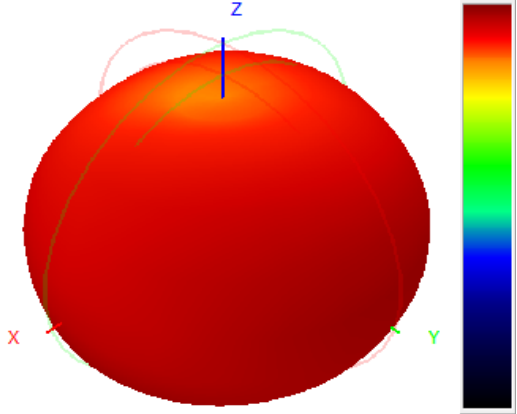
914.0MHz H+V, Eff: 20.5%



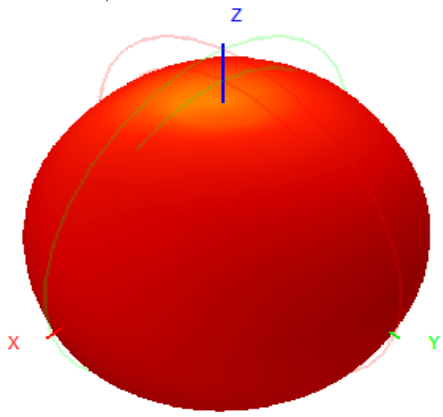
915.0MHz H+V, Eff: 20.5%



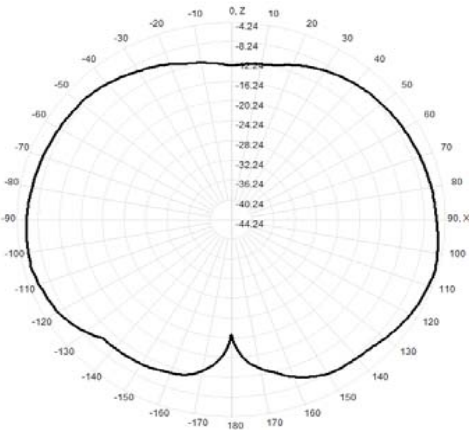
916.0MHz H+V, Eff: 20.4%



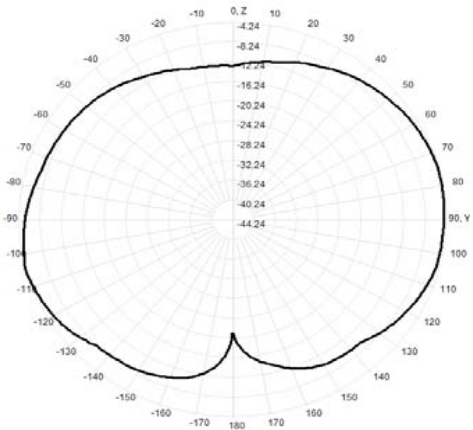
917.0MHz H+V, Eff: 20.3%



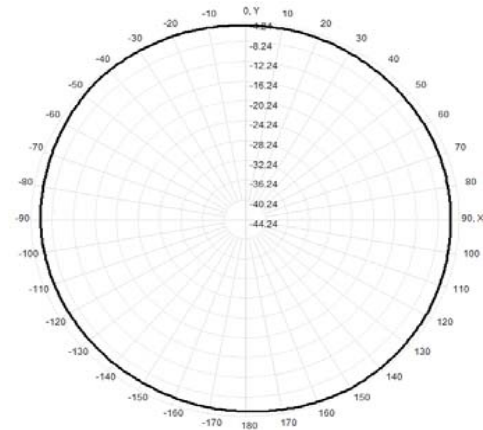
917.0MHz Total(E1-XZ), Max= -4.93dBi



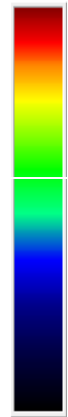
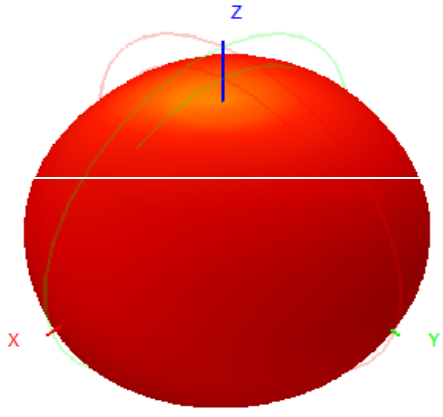
917.0MHz Total(E2-YZ), Max= -4.24dBi



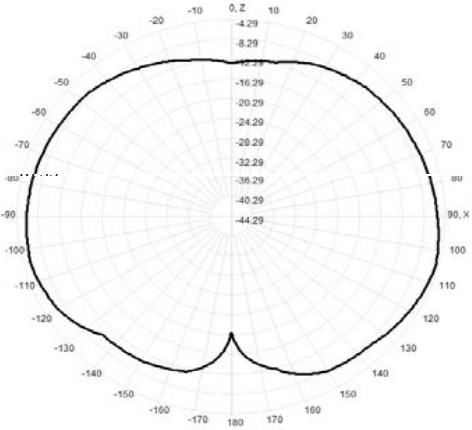
Total(H-XY), Max= -4.72dBi, CirD=1.63



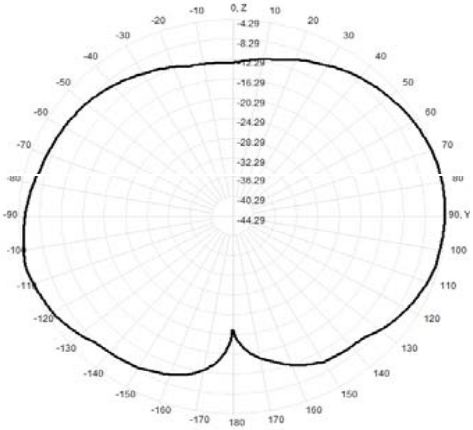
918.0MHz H+V, Eff: 20.3%



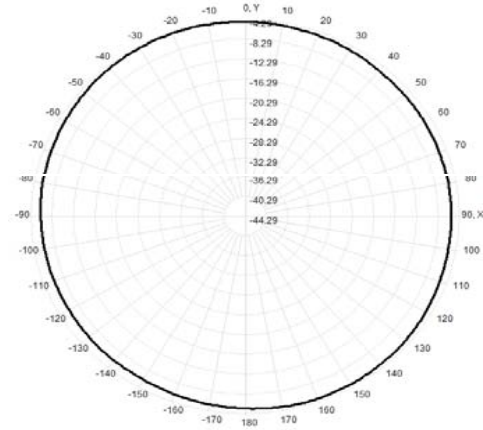
918.0MHz Total(E1-XZ), Max= -4.95dBi



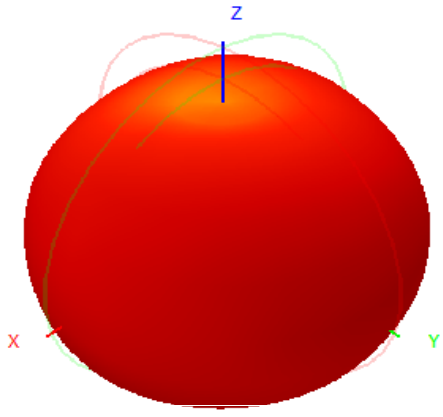
918.0MHz Total(E2-YZ), Max= -4.29dBi



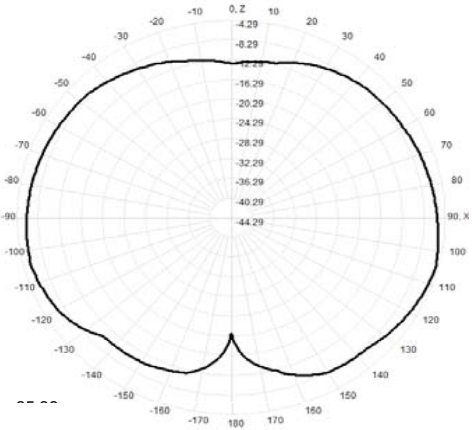
Total(H-XY), Max= -4.71dBi, CirD=1.68



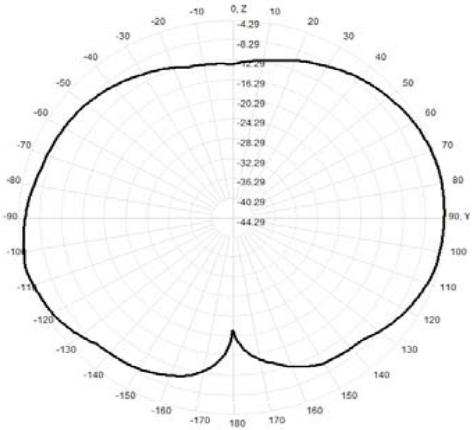
919.0MHz H+V, Eff: 20.2%



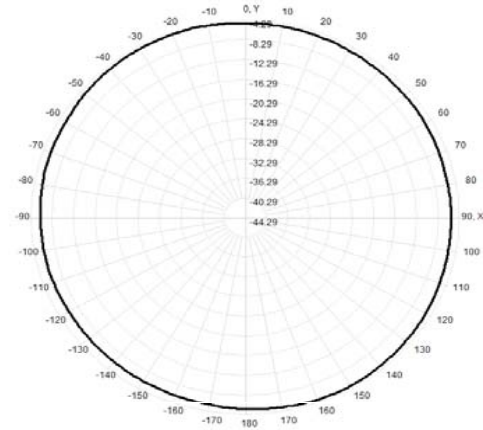
919.0MHz Total(E1-XZ), Max= -4.98dBi



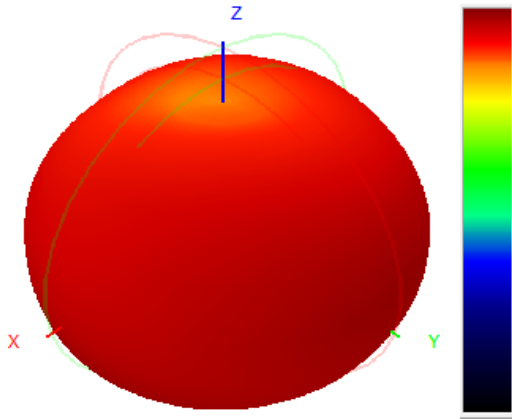
919.0MHz Total(E2-YZ), Max= -4.29dBi



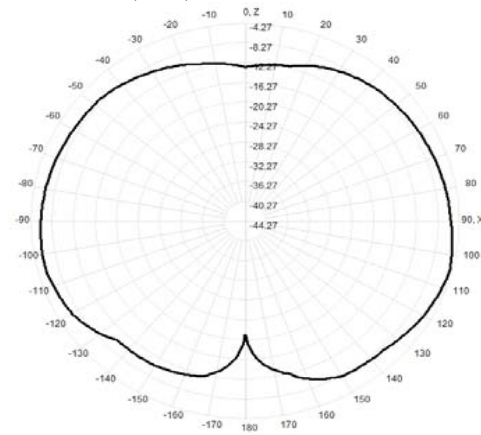
Total(H-XY), Max= -4.70dBi, CirD=1.65



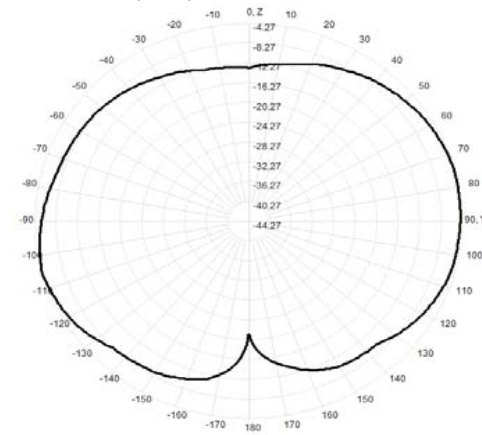
920.0MHz H+V, Eff: 20.2%



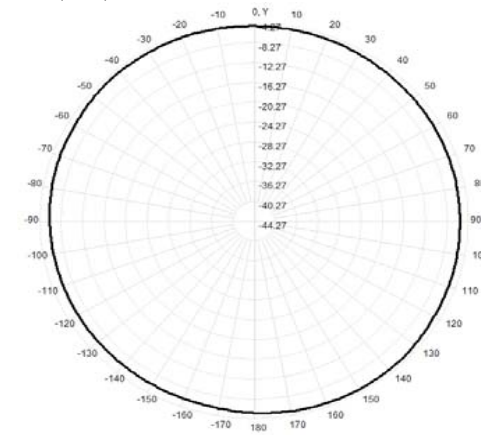
920.0MHz Total(E1-XZ), Max= -4.95dBi



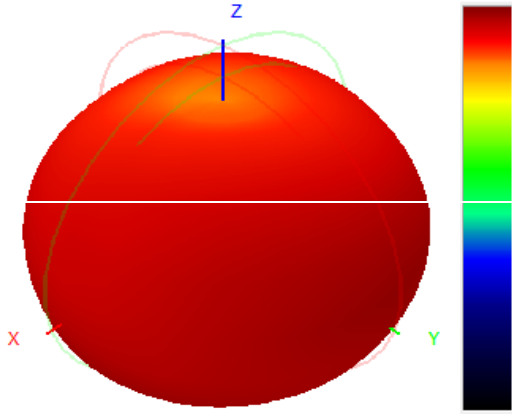
920.0MHz Total(E2-YZ), Max= -4.27dBi



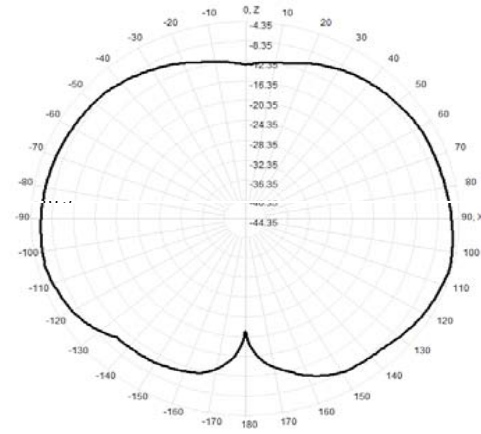
Total(H-XY), Max= -4.74dBi, CirD=1.64



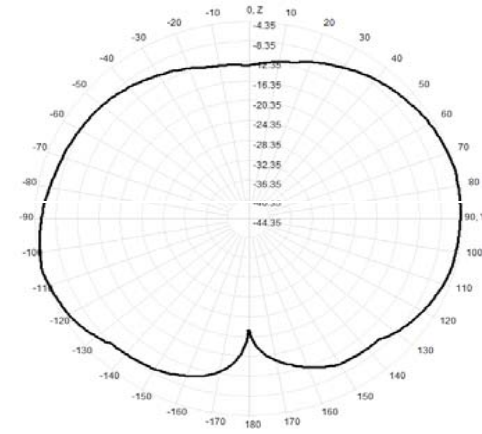
921.0MHz H+V, Eff: 20.0%



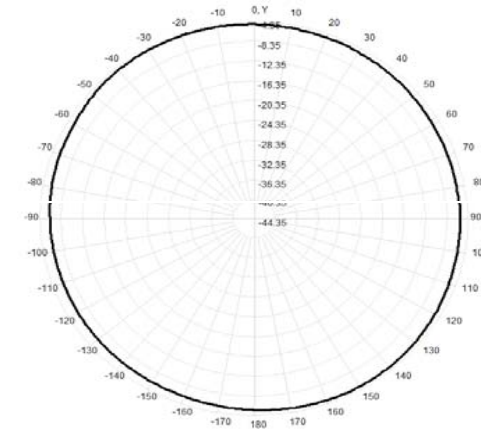
921.0MHz Total(E1-XZ), Max= -4.97dBi



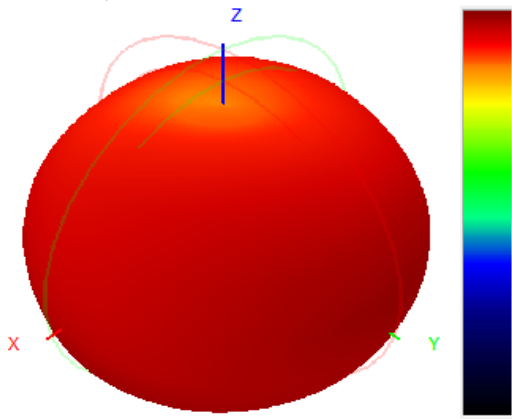
921.0MHz Total(E2-YZ), Max= -4.35dBi



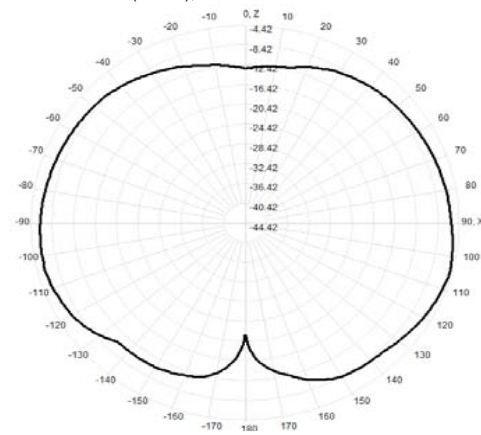
Total(H-XY), Max= -4.87dBi, CirD=1.59



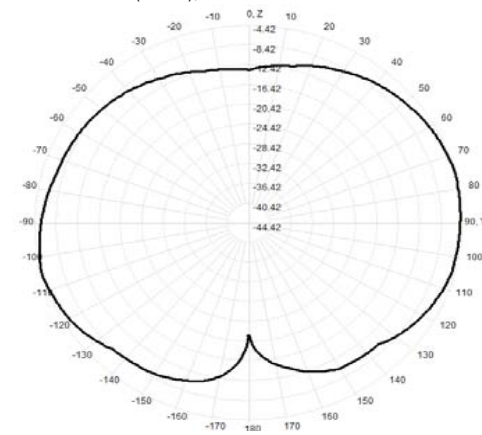
922.0MHz H+V, Eff: 19.7%



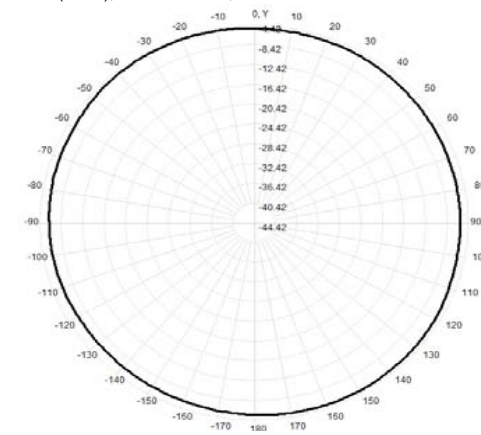
922.0MHz Total(E1-XZ), Max= -5.03dBi



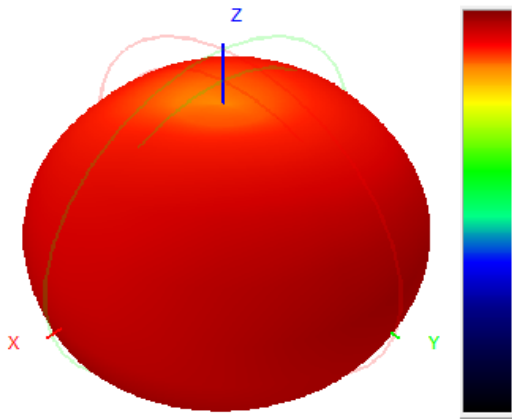
922.0MHz Total(E2-YZ), Max= -4.42dBi



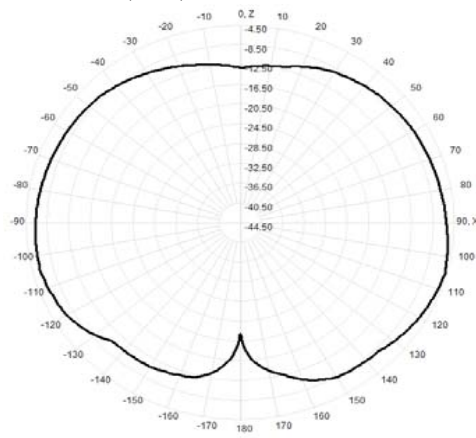
Total(H-XY), Max= -4.87dBi, CirD=1.66



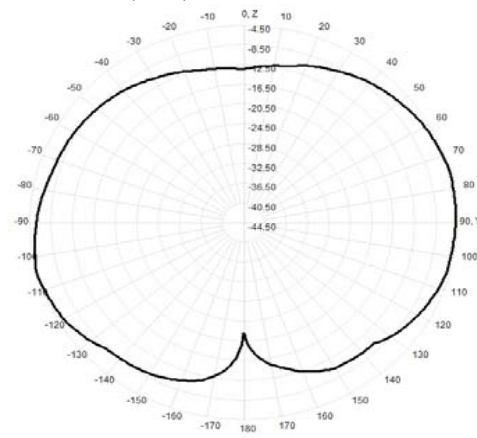
923.0MHz H+V, Eff: 19.5%



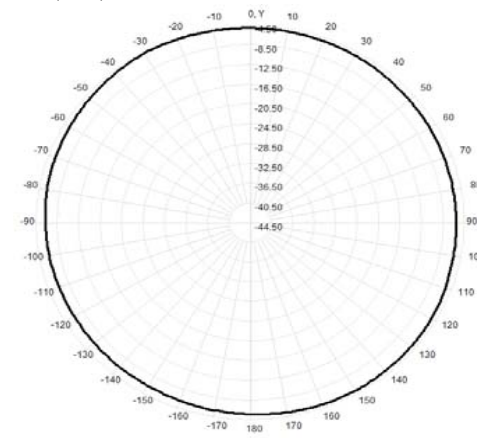
923.0MHz Total(E1-XZ), Max=-5.08dBi



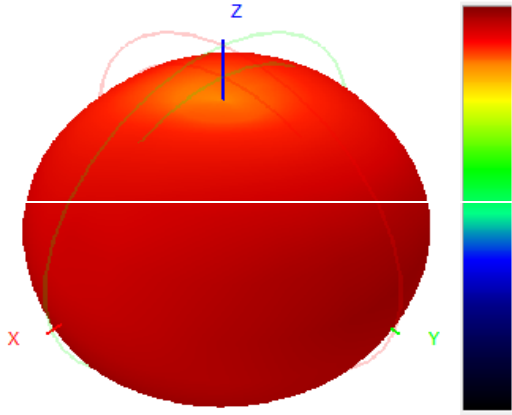
923.0MHz Total(E2-YZ), Max=-4.50dBi



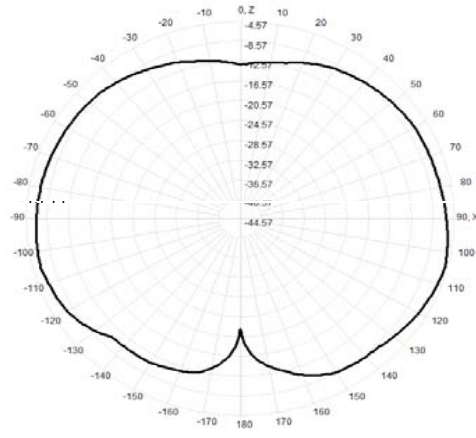
Total(H-XY), Max=-4.89dBi, CirD=1.73



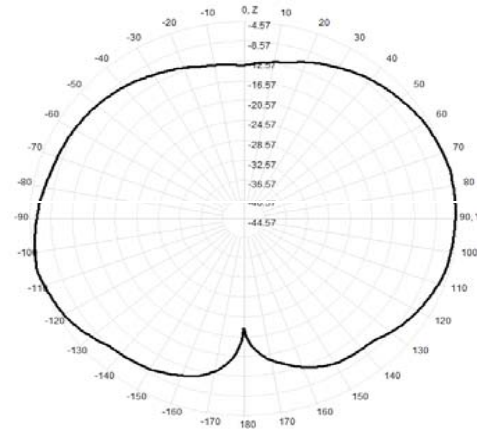
924.0MHz H+V, Eff: 19.1%



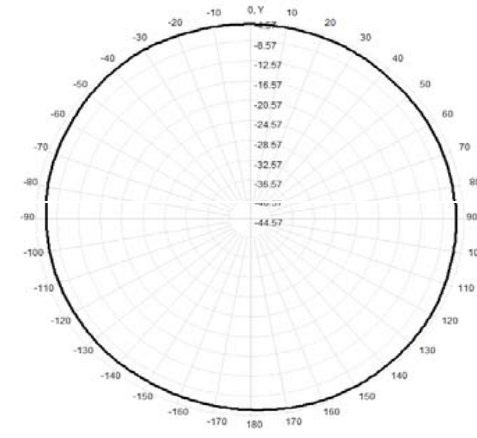
924.0MHz Total(E1-XZ), Max=-5.20dBi



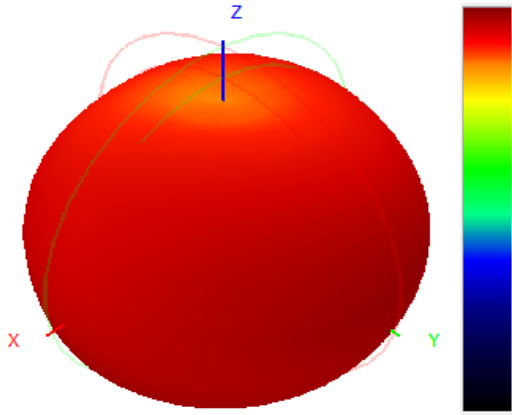
924.0MHz Total(E2-YZ), Max=-4.57dBi



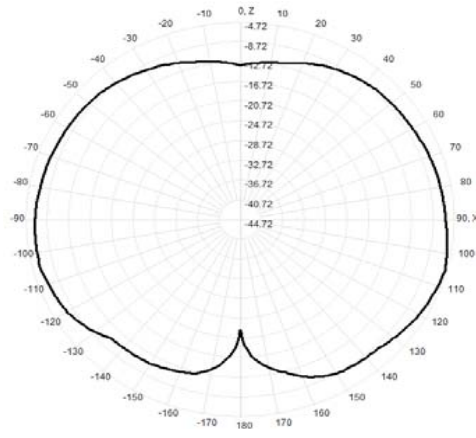
Total(H-XY), Max=-4.98dBi, CirD=1.63



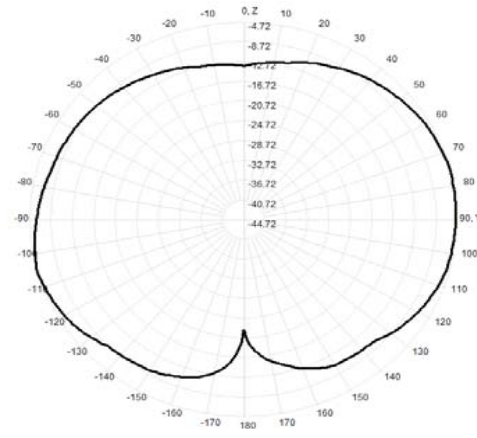
925.0MHz H+V, Eff: 18.6%



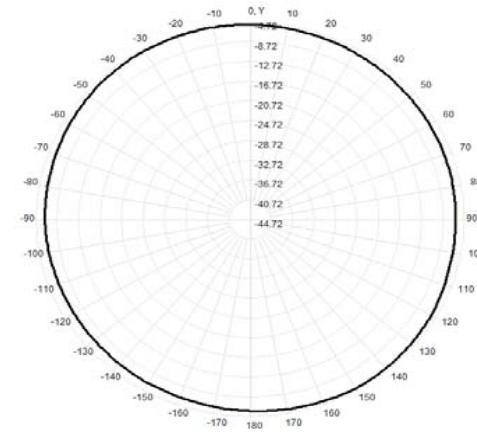
925.0MHz Total(E1-XZ), Max=-5.28dBi



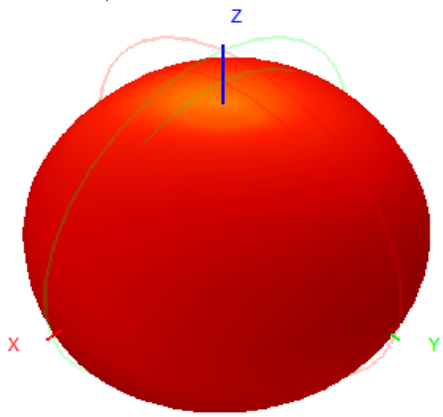
925.0MHz Total(E2-YZ), Max=-4.72dBi



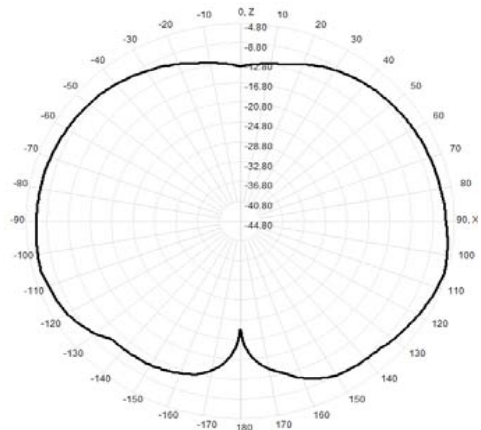
Total(H-XY), Max=-5.16dBi, CirD=1.63



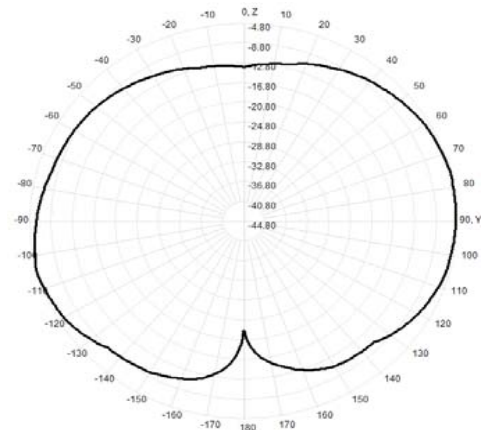
926.0MHz H+V, Eff: 18.1%



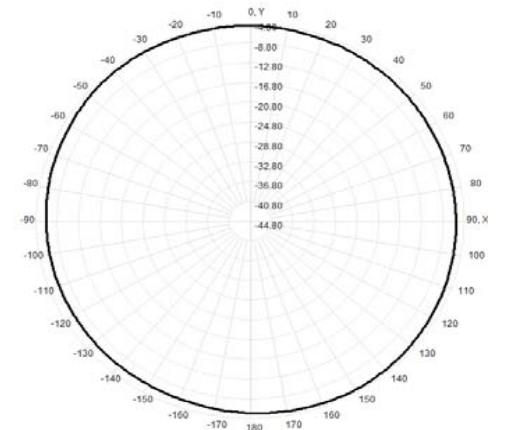
926.0MHz Total(E1-XZ), Max= -5.39dBi



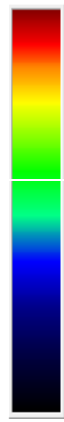
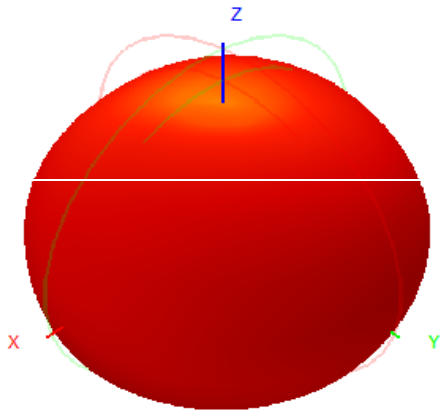
926.0MHz Total(E2-YZ), Max= -4.80dBi



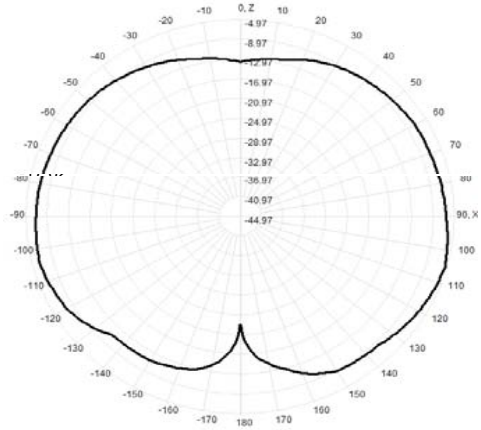
Total(H-XY), Max= -5.24dBi, CirD=1.62



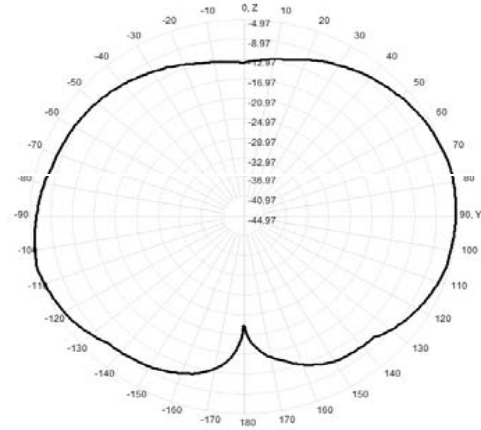
927.0MHz H+V, Eff: 17.6%



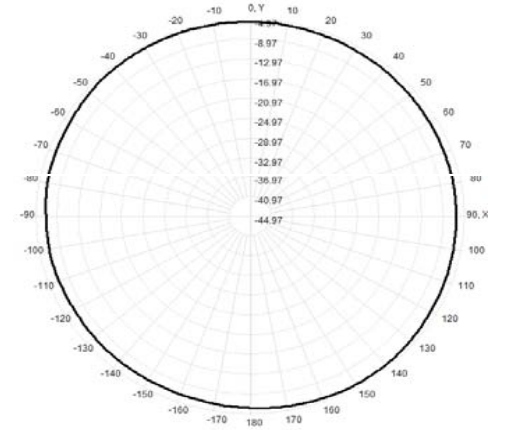
927.0MHz Total(E1-XZ), Max= -5.54dBi



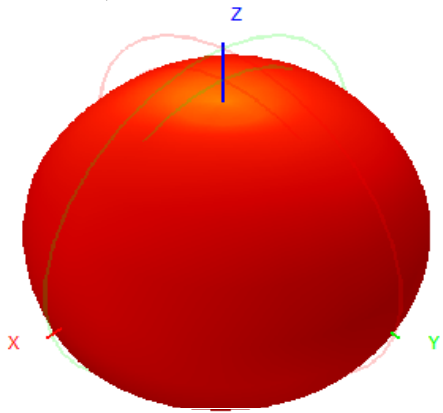
927.0MHz Total(E2-YZ), Max= -4.97dBi



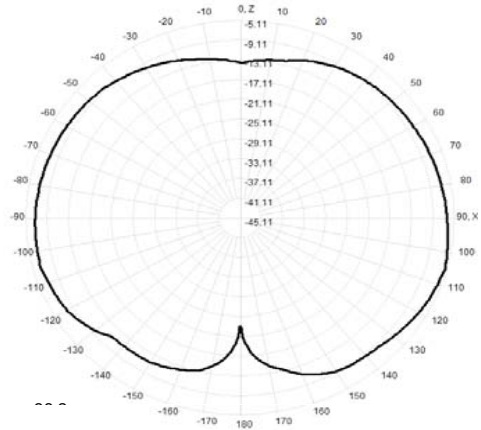
Total(H-XY), Max= -5.45dBi, CirD=1.66



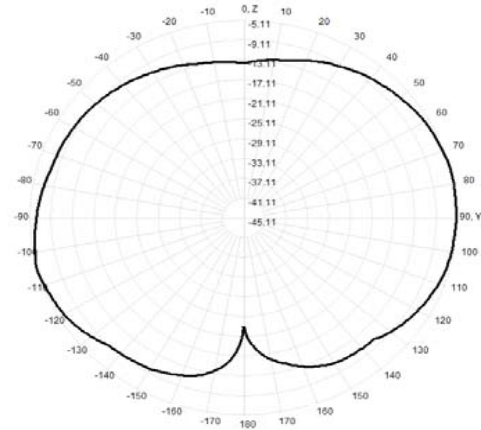
928.0MHz H+V, Eff: 17.0%



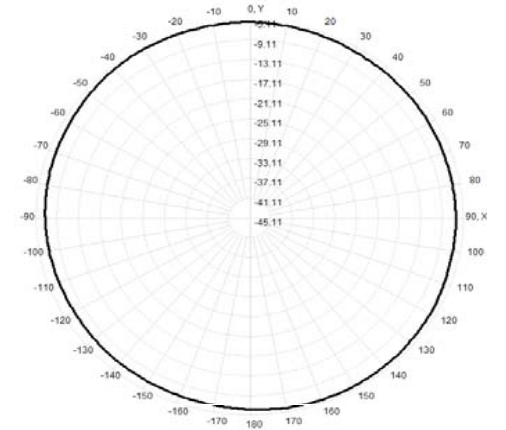
928.0MHz Total(E1-XZ), Max= -5.69dBi

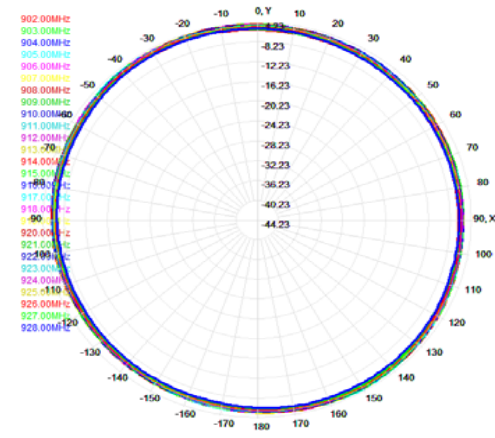
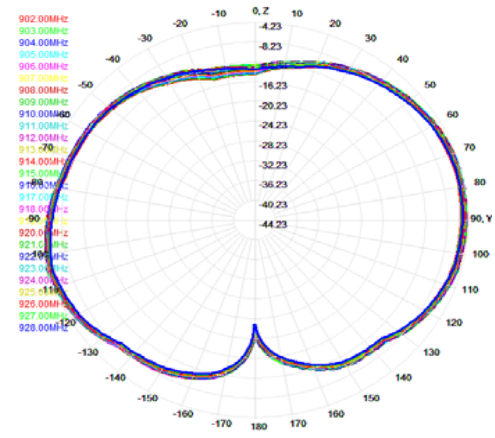
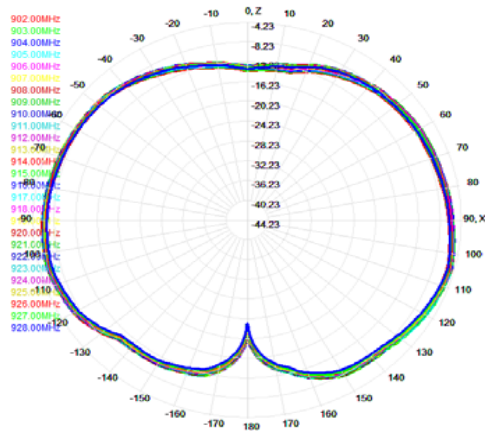


928.0MHz Total(E2-YZ), Max= -5.11dBi



Total(H-XY), Max= -5.48dBi, CirD=1.77





Lora Antenna

