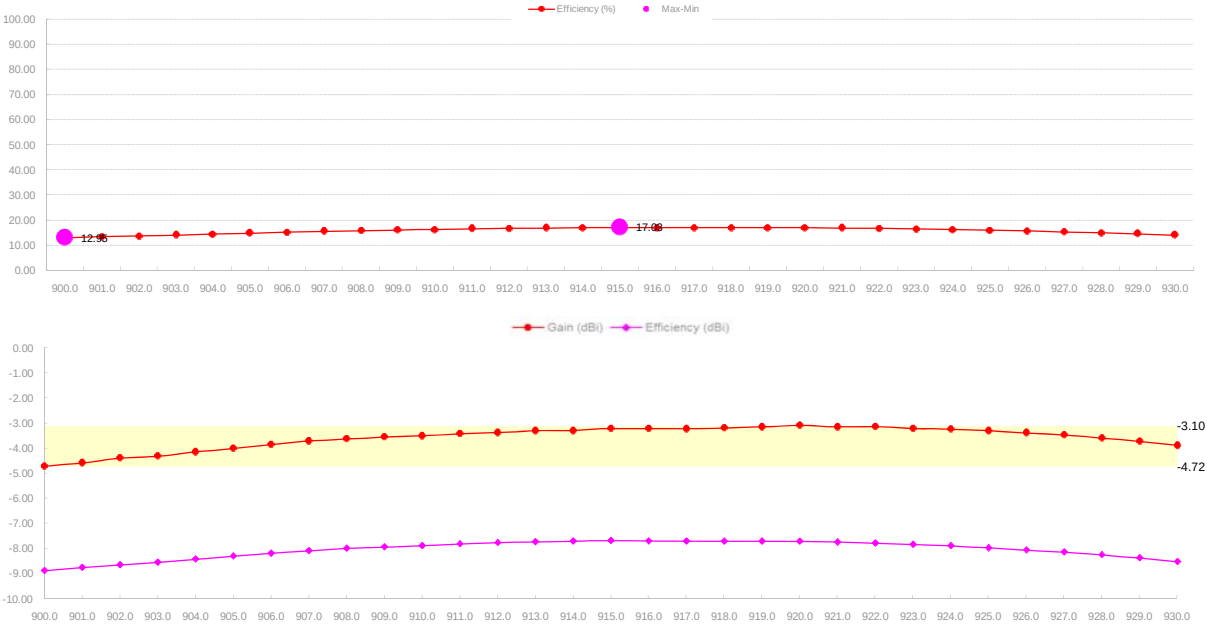




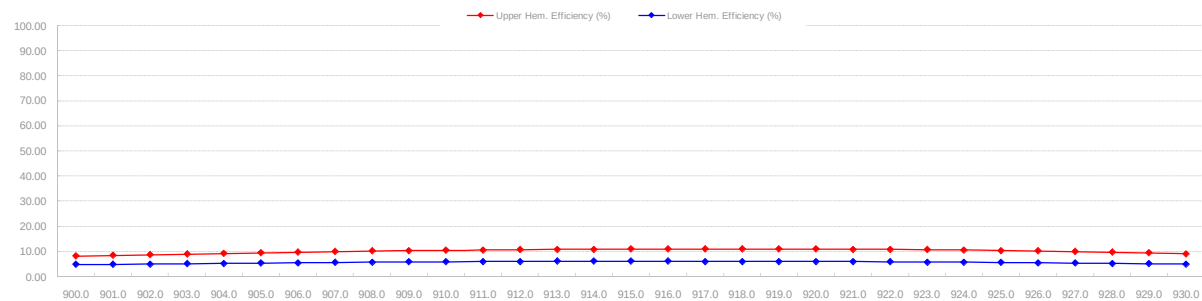
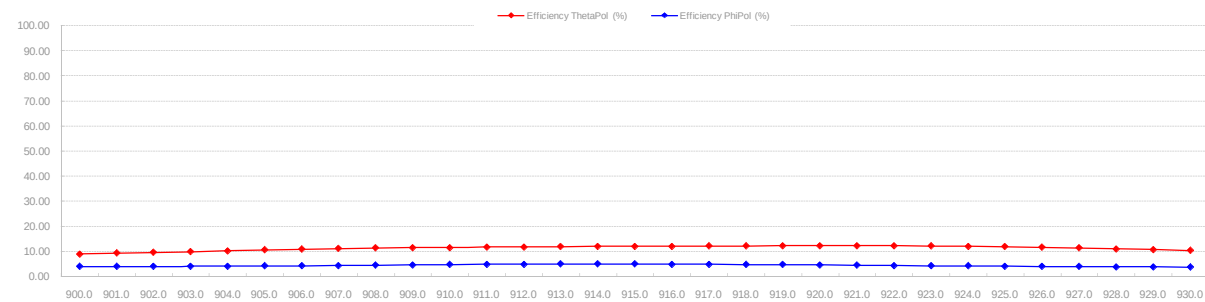
M.gear

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	28	29	30	31
Frequency (MHz)	900.0	901.0	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	929.0	930.0
Efficiency (dBi)	-8.88	-8.76	-8.65	-8.55	-8.42	-8.31	-8.19	-8.09	-8.00	-7.93	-7.89	-7.82	-7.77	-7.73	-7.71	-7.69	-7.70	-7.71	-7.72	-7.71	-7.72	-7.75	-7.79	-7.84	-7.90	-7.98	-8.06	-8.14	-8.25	-8.38	-8.52
Gain (dBi)	-4.72	-4.58	-4.39	-4.31	-4.15	-4.01	-3.86	-3.71	-3.63	-3.55	-3.51	-3.42	-3.39	-3.31	-3.30	-3.22	-3.22	-3.23	-3.23	-3.19	-3.15	-3.10	-3.15	-3.14	-3.22	-3.25	-3.31	-3.39	-3.47	-3.59	-3.73
Efficiency (%)	12.95	13.31	13.64	13.96	14.39	14.77	15.17	15.54	15.86	16.10	16.24	16.52	16.71	16.86	16.95	17.03	16.99	16.95	16.92	16.93	16.92	16.80	16.63	16.45	16.24	15.93	15.65	15.34	14.95	14.54	14.05
Directivity (dB)	4.16	4.18	4.26	4.24	4.27	4.30	4.33	4.37	4.37	4.38	4.38	4.40	4.38	4.42	4.41	4.47	4.48	4.48	4.53	4.56	4.62	4.60	4.65	4.62	4.65	4.67	4.67	4.67	4.66	4.65	4.63
Peak Gain Position (Theta)	45.00	60.00	60.00	60.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00	75.00
Peak Gain Position (Phi)	45.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00
Efficiency ThetaPol (%)	8.94	9.30	9.60	9.91	10.26	10.57	10.88	11.14	11.34	11.49	11.55	11.71	11.81	11.90	11.97	12.05	12.06	12.10	12.16	12.25	12.32	12.32	12.25	12.17	12.05	11.83	11.62	11.37	11.05	10.73	10.33
Efficiency PhiPol (%)	4.01	4.02	4.04	4.05	4.14	4.20	4.29	4.39	4.51	4.62	4.69	4.81	4.90	4.96	4.98	4.98	4.93	4.85	4.76	4.68	4.59	4.48	4.38	4.28	4.18	4.10	4.02	3.97	3.90	3.81	3.72
Upper Hem. Efficiency (%)	8.17	8.44	8.66	8.90	9.18	9.45	9.71	9.94	10.15	10.32	10.40	10.57	10.69	10.79	10.87	10.92	10.90	10.91	10.91	10.92	10.93	10.88	10.78	10.66	10.53	10.35	10.16	9.95	9.68	9.40	9.08
Lower Hem. Efficiency (%)	4.78	4.87	4.98	5.06	5.22	5.32	5.46	5.60	5.71	5.79	5.85	5.95	6.02	6.07	6.09	6.11	6.08	6.04	6.01	6.01	5.99	5.92	5.85	5.78	5.71	5.59	5.49	5.39	5.27	5.14	4.97

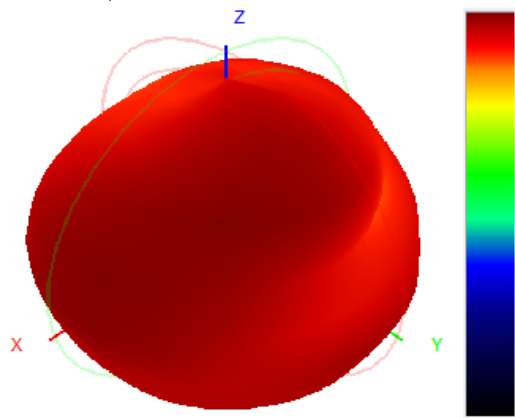
90(H)roundness	5.45	5.54	5.46	5.58	5.69	5.55	5.57	5.66	5.58	5.52	5.40	5.39	5.41	5.14	5.33	5.20	5.25	5.30	5.31	5.38	5.35	5.32	5.39	5.52	5.38	5.37	5.30	5.28	5.23	5.14	5.12
Gain 15deg (dBi)																															
E1(XZ)beam width	89.00	87.00	86.00	85.00	86.00	85.00	85.00	82.00	82.00	82.00	80.00	81.00	80.00	81.00	81.00	81.00	81.00	79.00	80.00	80.00	79.00	79.00	77.00	78.00	77.00	76.00	77.00	77.00	77.00	77.00	77.00
E1(XZ)front-to-rear ratio	6.13	6.21	6.48	6.72	6.50	6.69	6.63	6.90	6.80	6.92	7.10	6.96	7.11	7.01	7.06	7.28	7.24	7.38	7.46	7.39	7.66	7.76	7.77	7.75	7.78	7.70	7.76	7.77	7.83	7.71	7.81
E2(YZ)beam width	45.00	47.00	47.00	49.00	49.00	49.00	49.00	50.00	51.00	52.00	51.00	52.00	53.00	52.00	54.00	56.00	57.00	59.00	117.00	116.00	115.00	116.00	115.00	116.00	114.00	116.00	114.00	116.00	116.00	116.00	116.00
E2(YZ)front-to-rear ratio	4.31	4.35	4.41	4.50	4.50	4.54	4.64	4.60	4.58	4.63	4.65	4.60	4.58	4.64	4.63	4.63	4.76	4.86	4.86	4.93	5.14	5.08	5.18	5.17	5.33	5.24	5.30	5.30	5.24	5.18	5.15
Maximum benefit axis ratio	6.44	11.43	11.39	11.41	14.04	14.10	13.59	13.57	13.56	13.24	13.21	13.09	13.18	12.95	13.04	13.12	13.18	13.42	13.43	13.60	13.55	13.84	13.82	14.08	14.06	14.01	13.93	13.97	14.15	14.21	14.12
peak(Theta=0)Axial ratio(P)	8.59	9.01	8.63	8.95	8.77	8.74	8.92	8.82	8.71	9.12	8.29	8.99	8.55	8.11	8.52	8.03	8.21	7.67	7.47	7.72	7.28	7.51	7.56	7.59	7.63	7.41	7.85	7.89	7.12	7.66	7.62
elevation 10° axial ratio(P)	59.73	73.12	60.63	68.64	66.38	57.73	57.99	58.09	70.37	63.05	59.38	74.27	78.23	59.65	68.62	55.87	53.20	54.43	53.33	53.72	67.04	54.87	53.54	55.79	56.94	53.71	52.79	53.93	54.37	57.36	57.77
Hc(XY)beam width	242.00	242.00	241.00	241.00	241.00	239.00	237.00	239.00	237.00	244.00	243.00	244.00	249.00	248.00	248.00	248.00	248.00	248.00	244.00	243.00	247.00	246.00	243.00	246.00	244.00	247.00	248.00	250.00	249.00	251.00	251.00
Hc(XY)front-to-rear ratio	2.66	2.59	2.63	2.61	2.67	2.60	2.65	2.54	2.61	2.54	2.57	2.48	2.47	2.40	2.39	2.39	2.38	2.36	2.48	2.32	2.35	2.34	2.37	2.36	2.31	2.32	2.23	2.27	2.19	2.08	2.09
Left-handed circular	6.27	6.46	6.61	6.79	7.00	7.21	7.42	7.61	7.77	7.90	7.99	8.11	8.21	8.29	8.32	8.36	8.33	8.30	8.28	8.28	8.27	8.23	8.13	8.04	7.91	7.78	7.65	7.49	7.28	7.07	6.81
polarization efficiency(%)	6.68	6.85	7.03	7.18	7.39	7.56	7.75	7.93	8.09	8.20	8.26	8.40	8.51	8.57	8.63	8.67	8.65	8.65	8.64	8.65	8.65	8.57	8.50	8.41	8.32	8.15	8.00				
Right-handed circular																															
polarization efficiency(%)																															
Empty																															



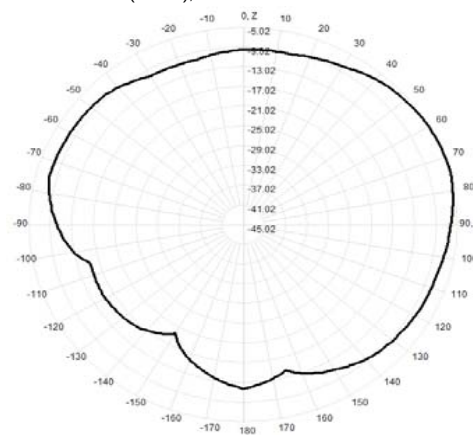
Xiamen Milesight IoT Co., Ltd.
Add: Building C09, Software Park Phase III, Xiamen 361024, Fujian, China



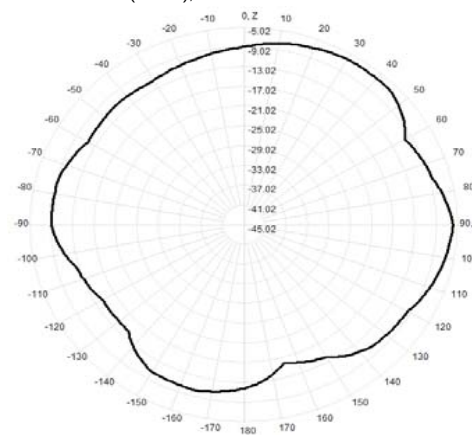
900.0MHz H+V, Eff: 13.0%



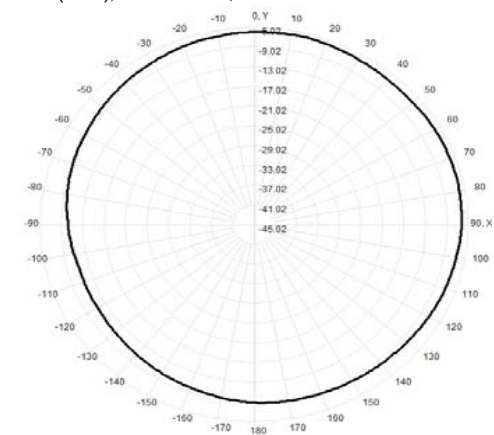
900.0MHz Total(E1-XZ), Max= -5.02dBi



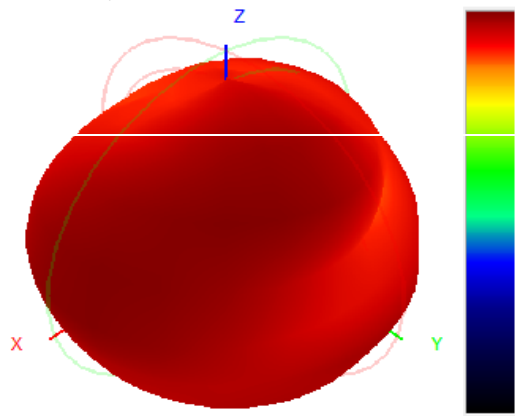
900.0MHz Total(E2-YZ), Max= -5.98dBi



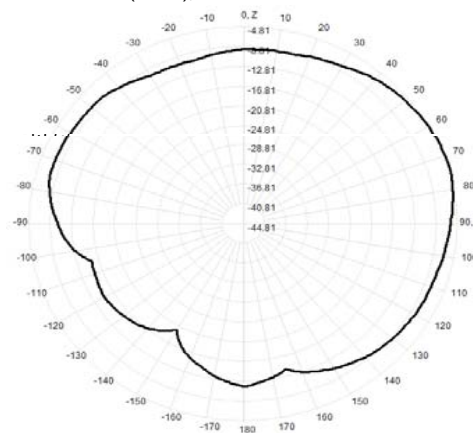
Total(H-XY), Max= -5.90dBi, CirD=5.45



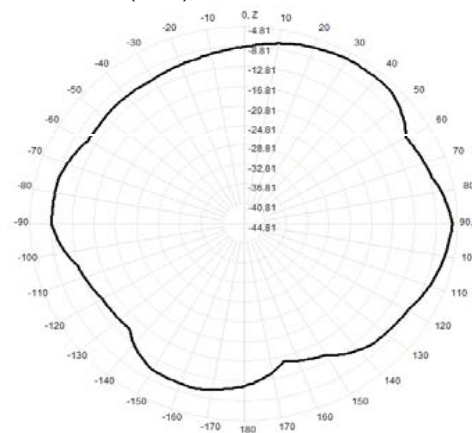
901.0MHz H+V, Eff: 13.3%



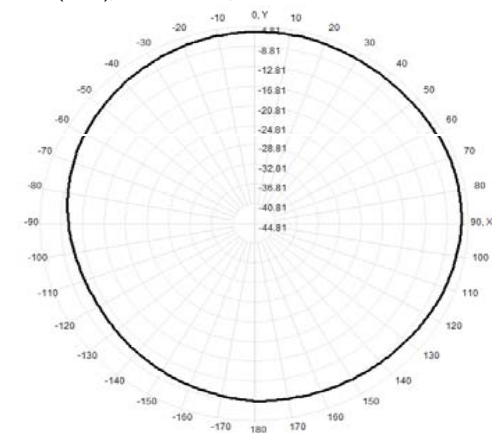
901.0MHz Total(E1-XZ), Max= -4.81dBi



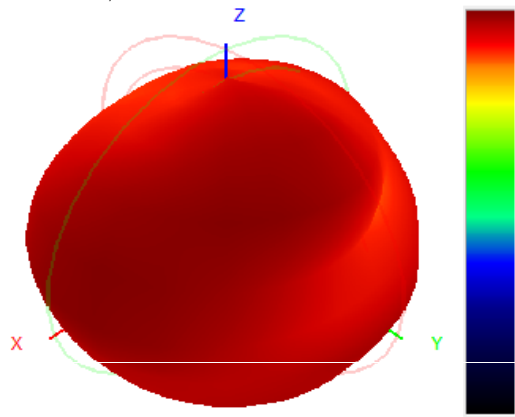
901.0MHz Total(E2-YZ), Max= -5.91dBi



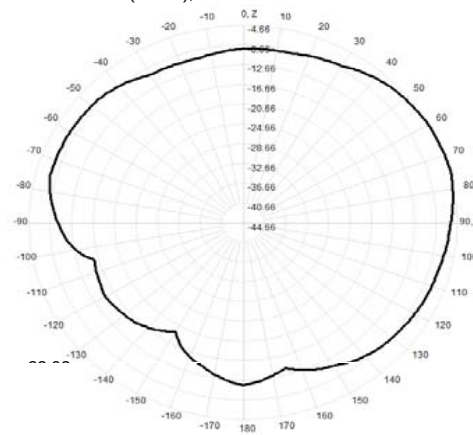
Total(H-XY), Max= -5.86dBi, CirD=5.54



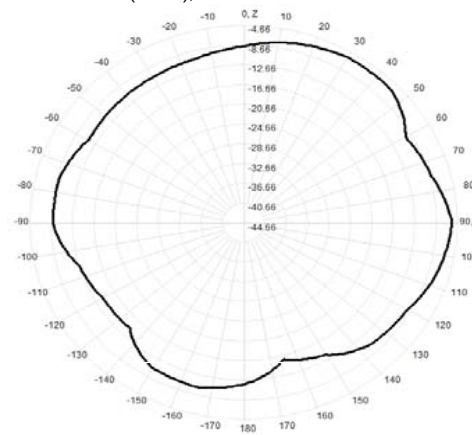
902.0MHz H+V, Eff: 13.6%



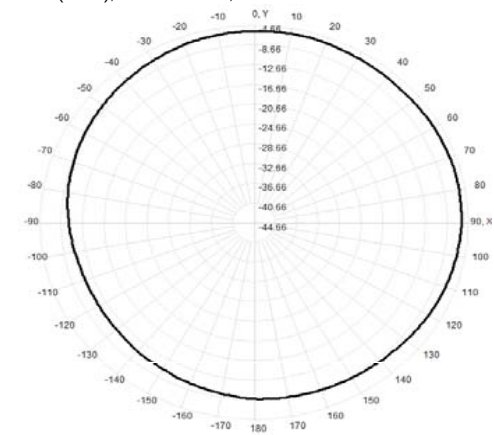
902.0MHz Total(E1-XZ), Max= -4.66dBi



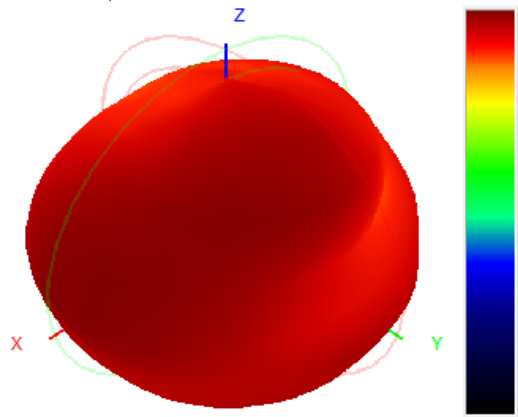
902.0MHz Total(E2-YZ), Max= -5.84dBi



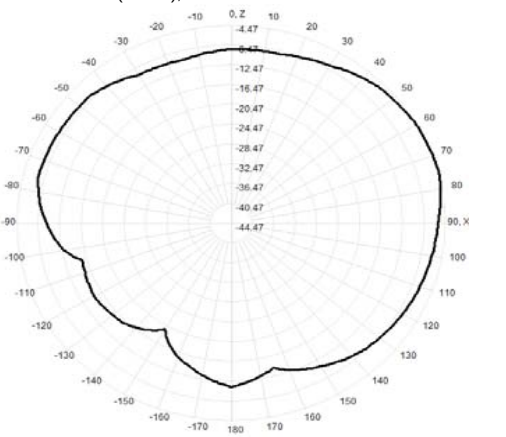
Total(H-XY), Max= -5.79dBi, CirD=5.46



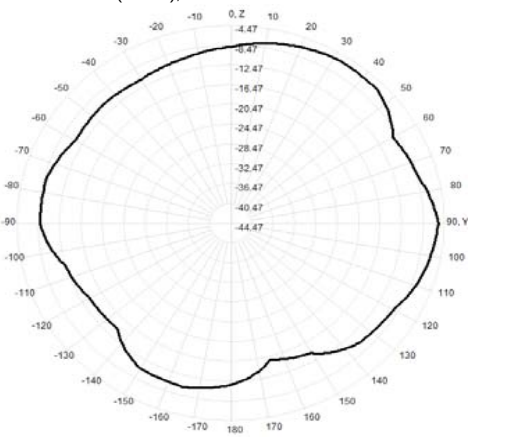
903.0MHz H+V, Eff: 14.0%



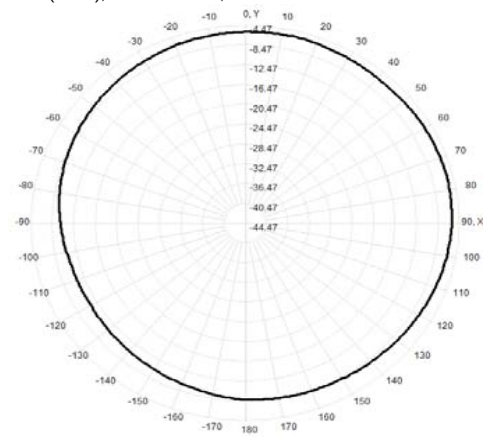
903.0MHz Total(E1-XZ), Max= -4.47dBi



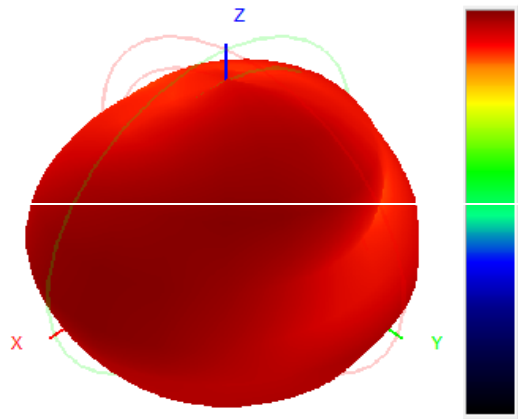
903.0MHz Total(E2-YZ), Max= -5.79dBi



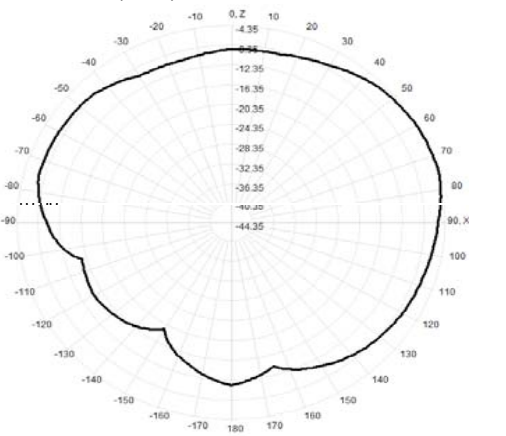
Total(H-XY), Max= -5.68dBi, CirD=5.58



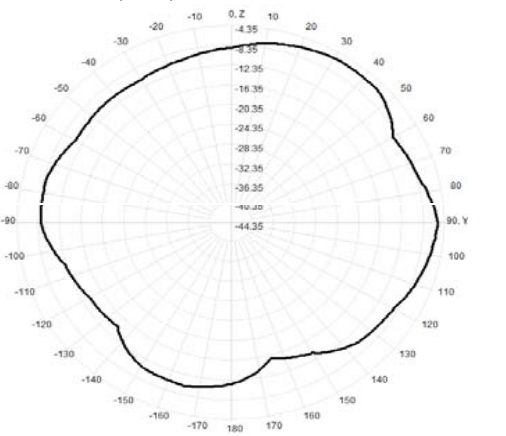
904.0MHz H+V, Eff: 14.4%



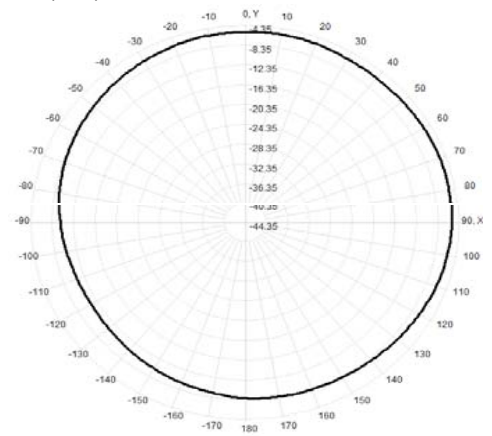
904.0MHz Total(E1-XZ), Max= -4.35dBi



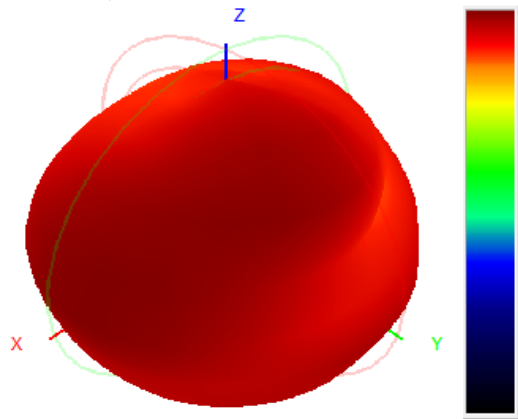
904.0MHz Total(E2-YZ), Max= -5.70dBi



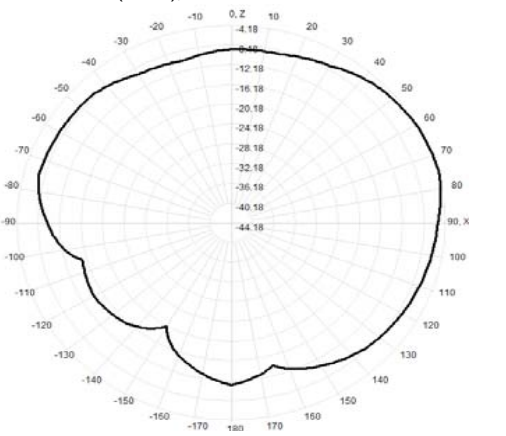
Total(H-XY), Max= -5.58dBi, CirD=5.69



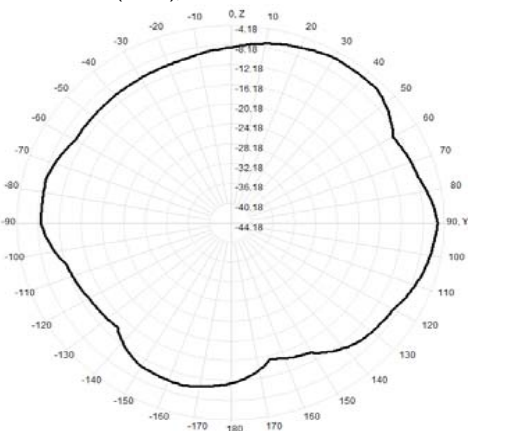
905.0MHz H+V, Eff: 14.8%



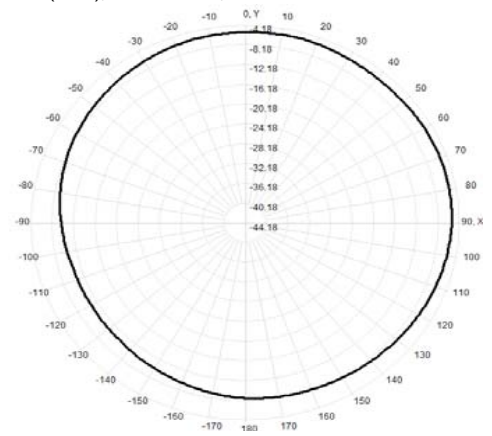
905.0MHz Total(E1-XZ), Max= -4.18dBi



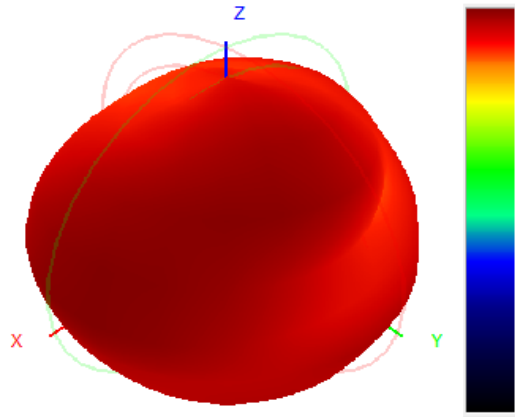
905.0MHz Total(E2-YZ), Max= -5.58dBi



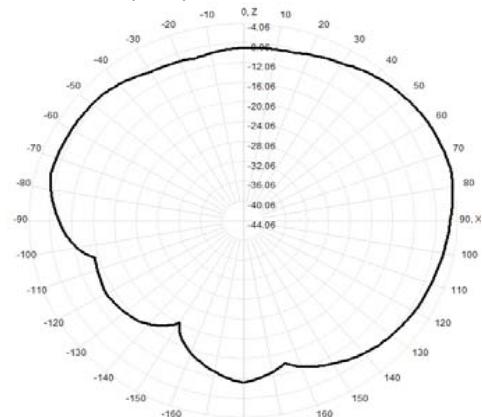
Total(H-XY), Max= -5.47dBi, CirD=5.55



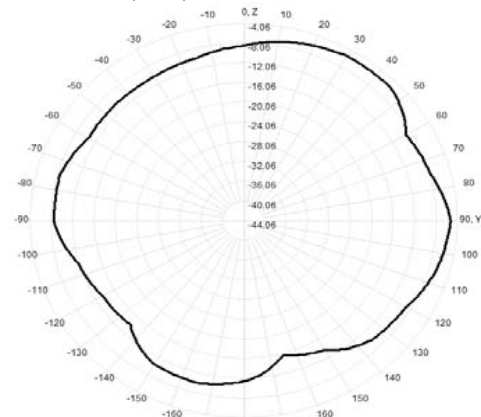
906.0MHz H+V, Eff: 15.2%



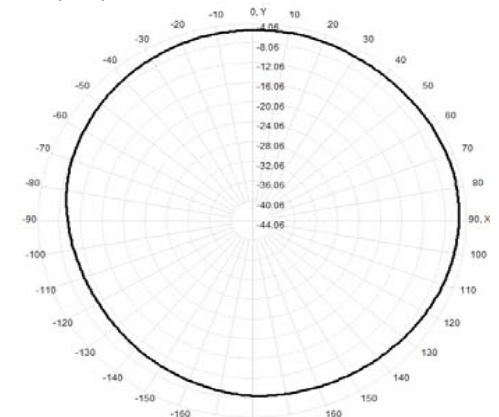
906.0MHz Total(E1-XZ), Max= -4.06dBi



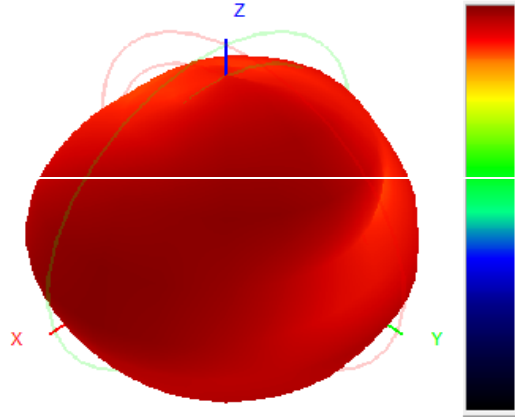
906.0MHz Total(E2-YZ), Max= -5.46dBi



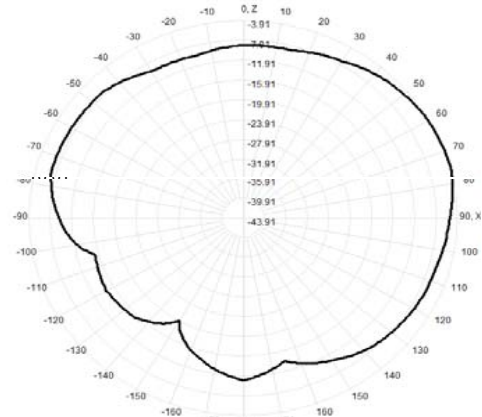
Total(H-XY), Max= -5.38dBi, CirD=5.57



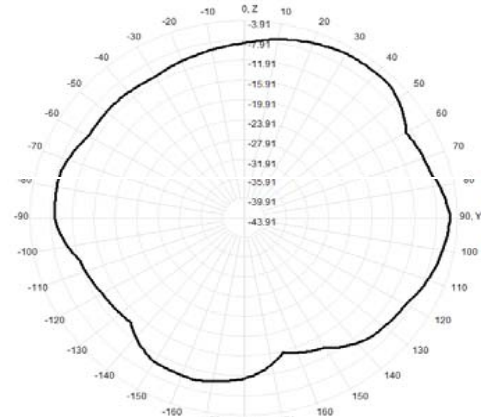
907.0MHz H+V, Eff: 15.5%



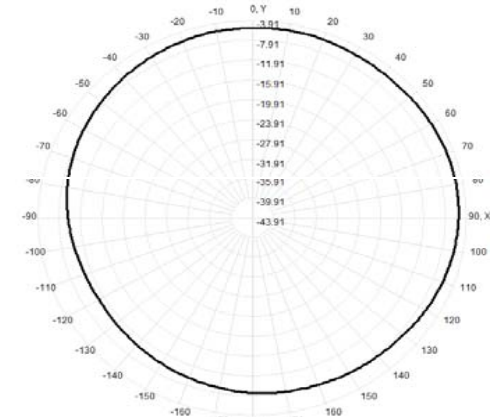
907.0MHz Total(E1-XZ), Max= -3.91dBi



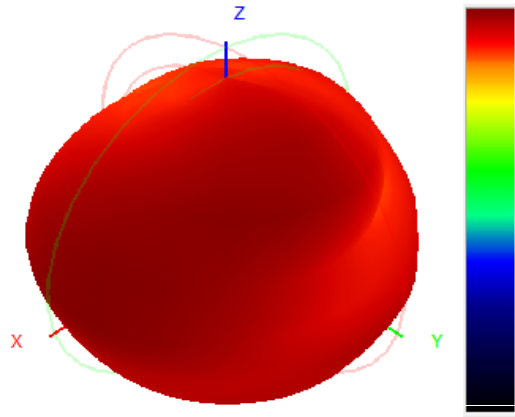
907.0MHz Total(E2-YZ), Max= -5.39dBi



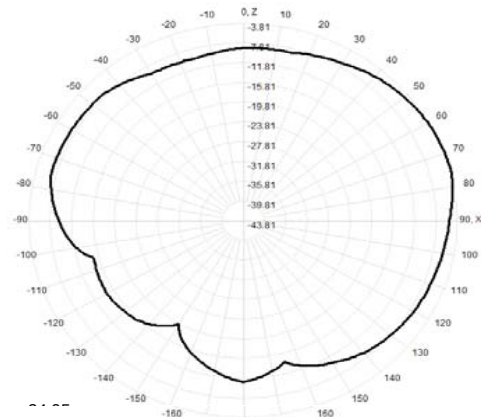
Total(H-XY), Max= -5.28dBi, CirD=5.66



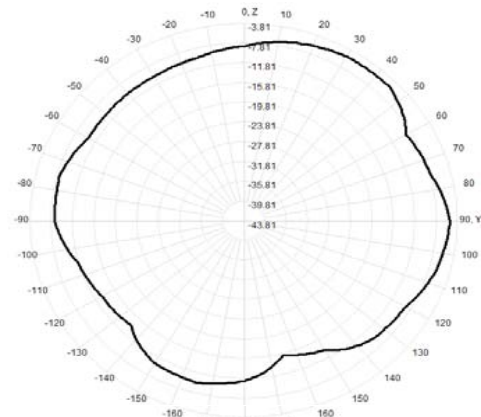
908.0MHz H+V, Eff: 15.9%



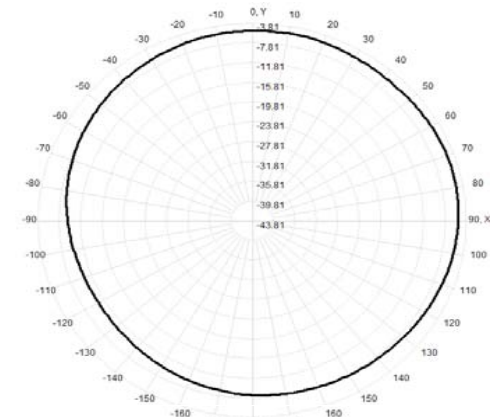
908.0MHz Total(E1-XZ), Max= -3.81dBi



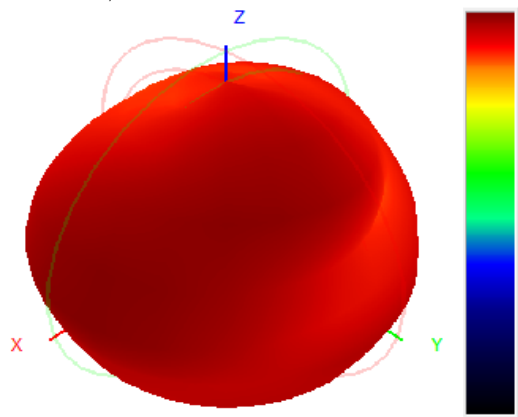
908.0MHz Total(E2-YZ), Max= -5.34dBi



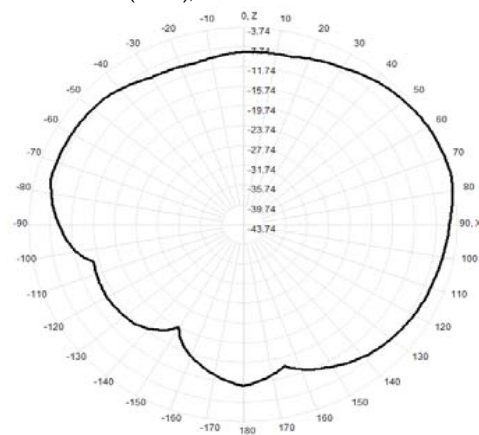
Total(H-XY), Max= -5.18dBi, CirD=5.58



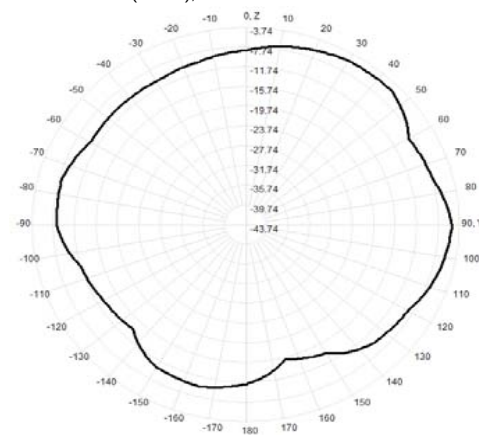
909.0MHz H+V, Eff: 16.1%



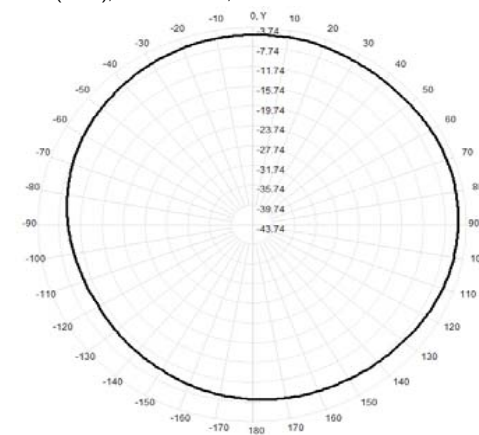
909.0MHz Total(E1-XZ), Max=-3.74dBi



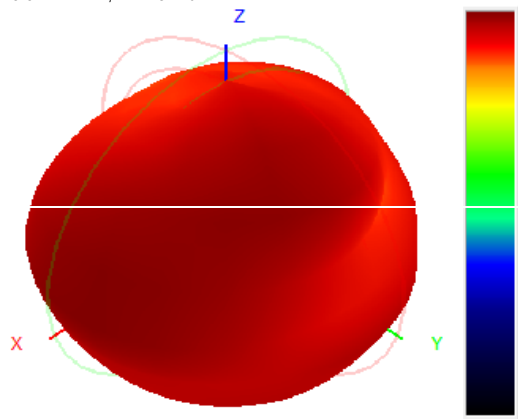
909.0MHz Total(E2-YZ), Max=-5.26dBi



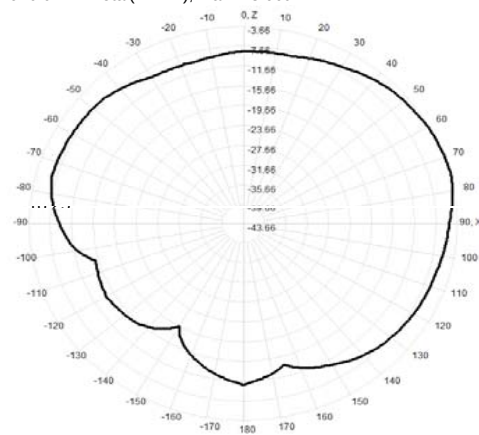
Total(H-XY), Max=-5.19dBi, CirD=5.52



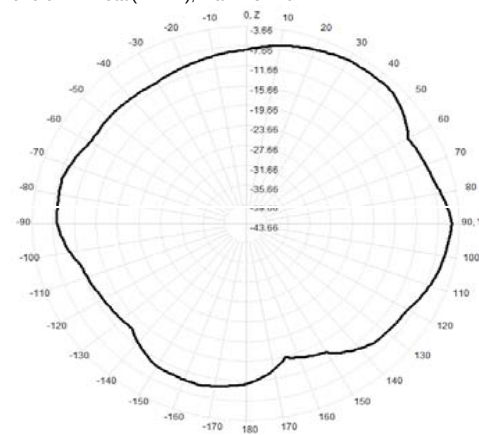
910.0MHz H+V, Eff: 16.2%



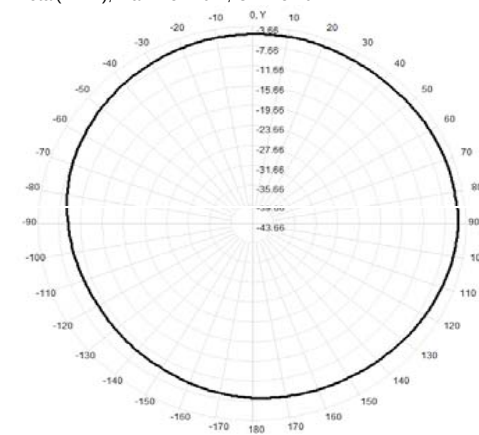
910.0MHz Total(E1-XZ), Max=-3.66dBi



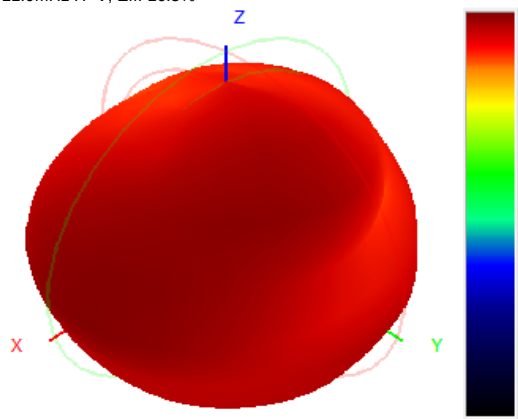
910.0MHz Total(E2-YZ), Max=-5.24dBi



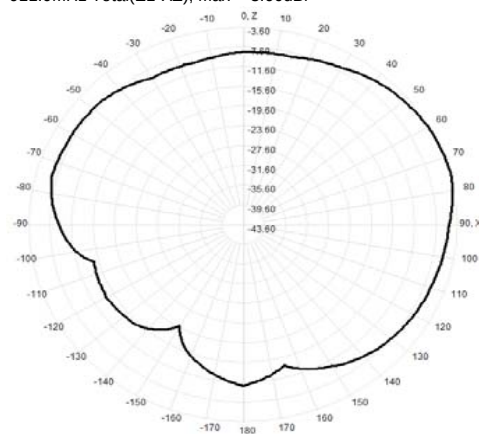
Total(H-XY), Max=-5.14dBi, CirD=5.40



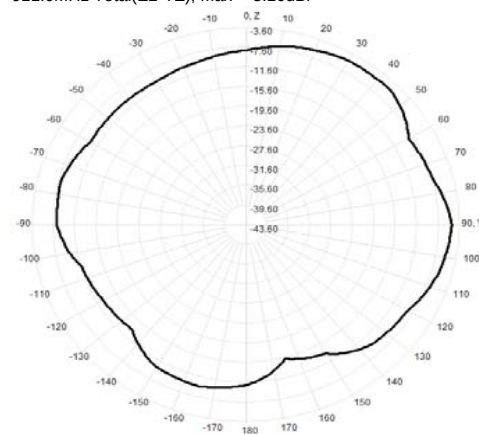
911.0MHz H+V, Eff: 16.5%



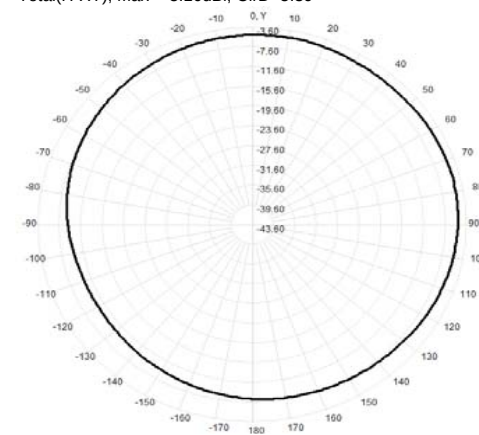
911.0MHz Total(E1-XZ), Max=-3.60dBi



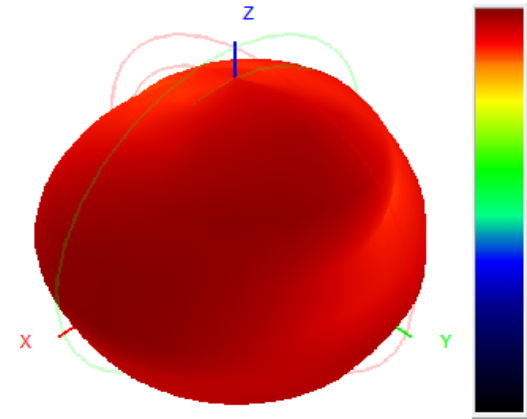
911.0MHz Total(E2-YZ), Max=-5.16dBi



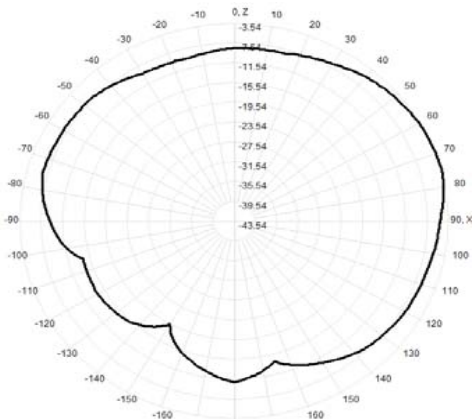
Total(H-XY), Max=-5.10dBi, CirD=5.39



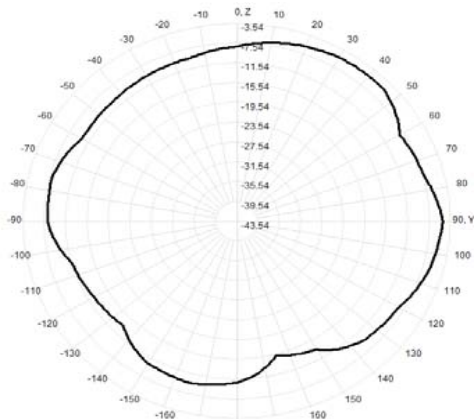
912.0MHz H+V, Eff: 16.7%



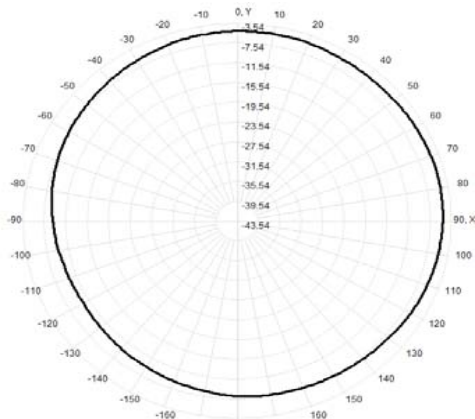
912.0MHz Total(E1-XZ), Max= -3.54dBi



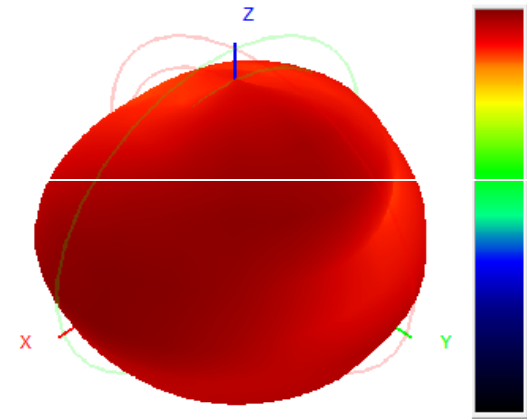
912.0MHz Total(E2-YZ), Max= -5.14dBi



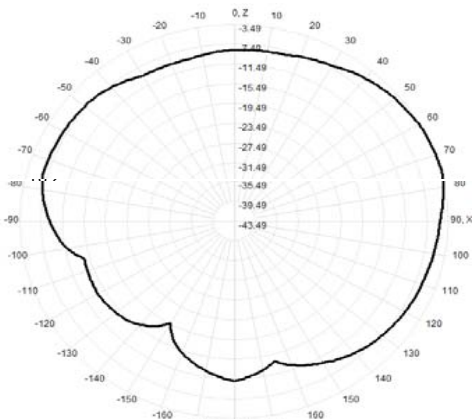
Total(H-XY), Max= -5.07dBi, CirD=5.41



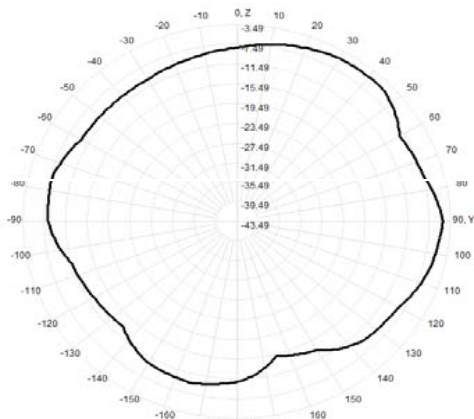
913.0MHz H+V, Eff: 16.9%



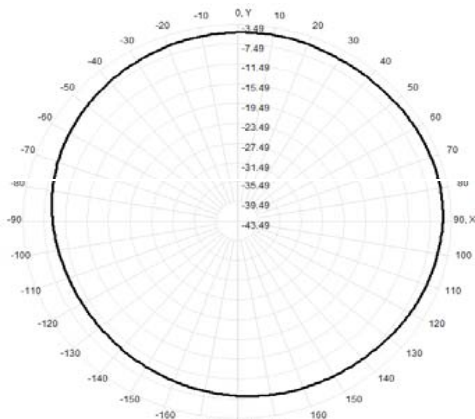
913.0MHz Total(E1-XZ), Max= -3.49dBi



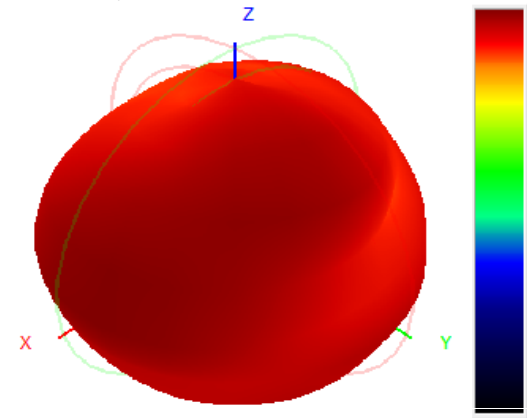
913.0MHz Total(E2-YZ), Max= -5.09dBi



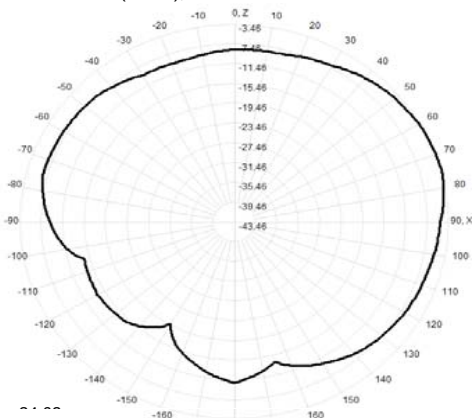
Total(H-XY), Max= -5.05dBi, CirD=5.14



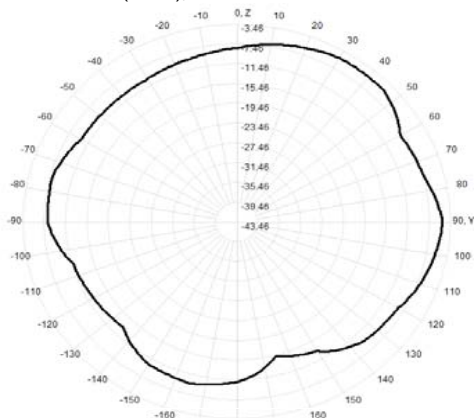
914.0MHz H+V, Eff: 17.0%



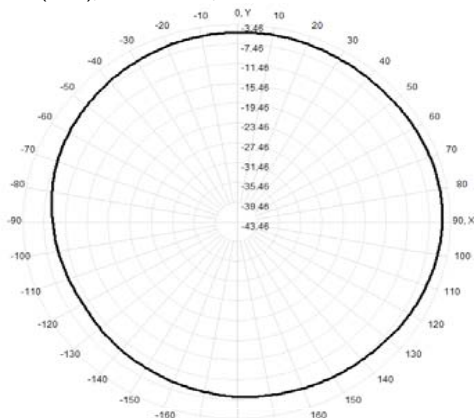
914.0MHz Total(E1-XZ), Max= -3.46dBi



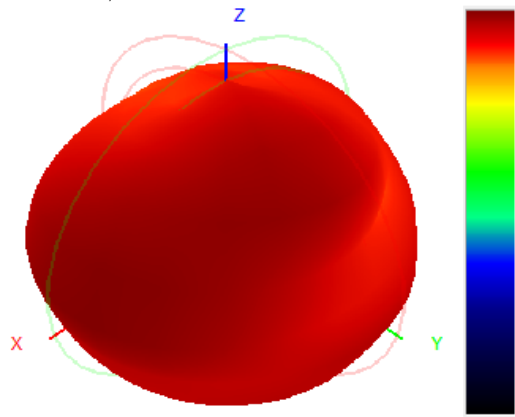
914.0MHz Total(E2-YZ), Max= -5.09dBi



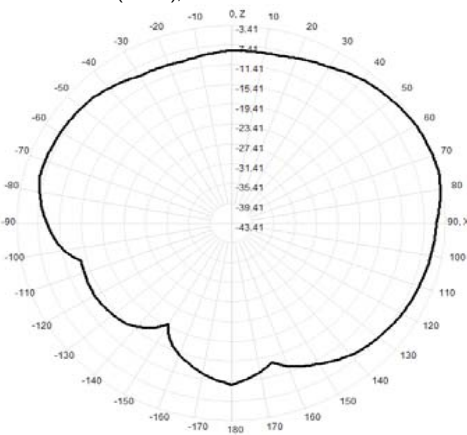
Total(H-XY), Max= -5.02dBi, CirD=5.33



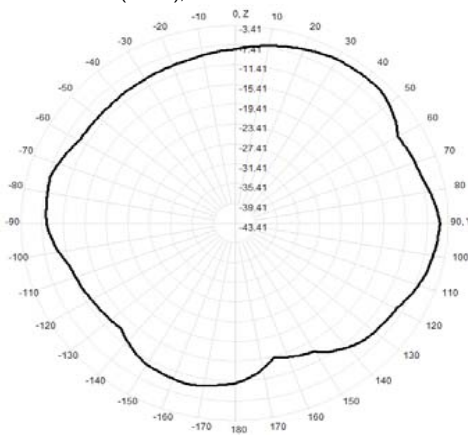
915.0MHz H+V, Eff: 17.0%



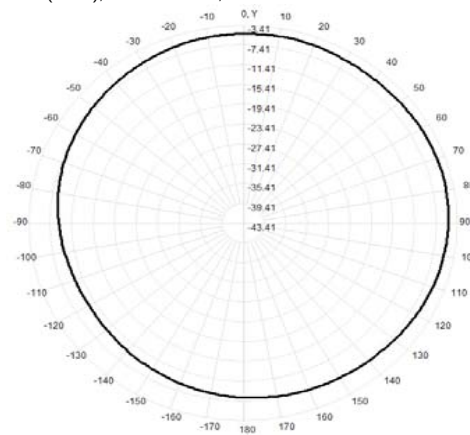
915.0MHz Total(E1-XZ), Max= -3.41dBi



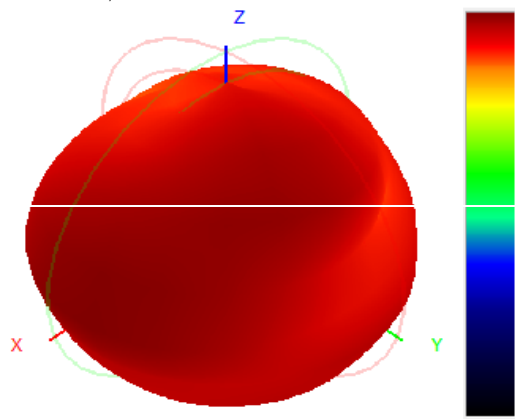
915.0MHz Total(E2-YZ), Max= -5.11dBi



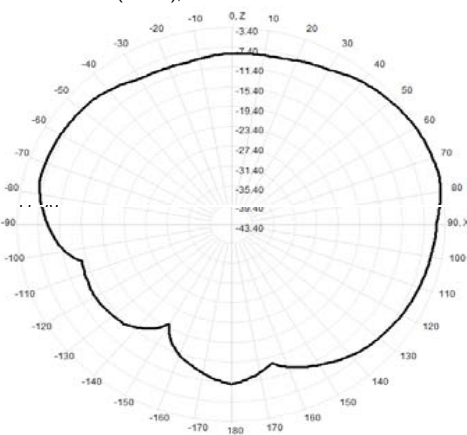
Total(H-XY), Max= -5.02dBi, CirD=5.20



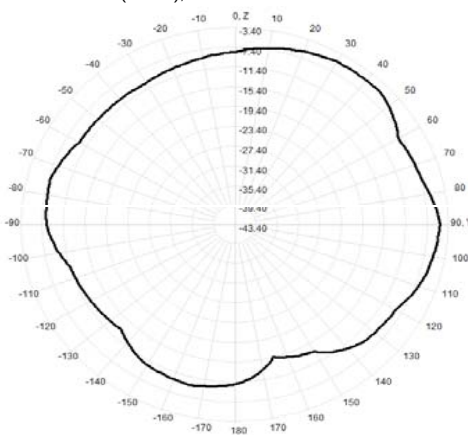
916.0MHz H+V, Eff: 17.0%



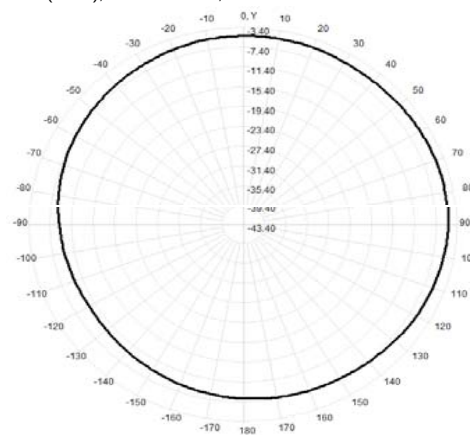
916.0MHz Total(E1-XZ), Max= -3.40dBi



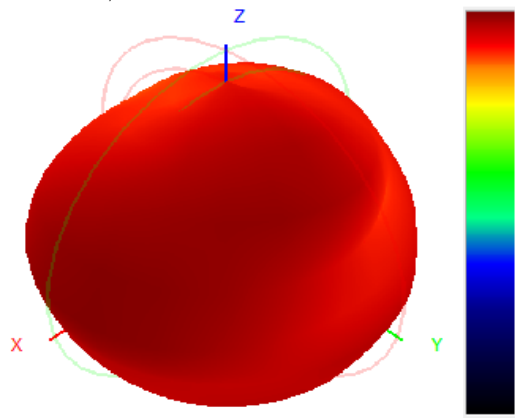
916.0MHz Total(E2-YZ), Max= -5.11dBi



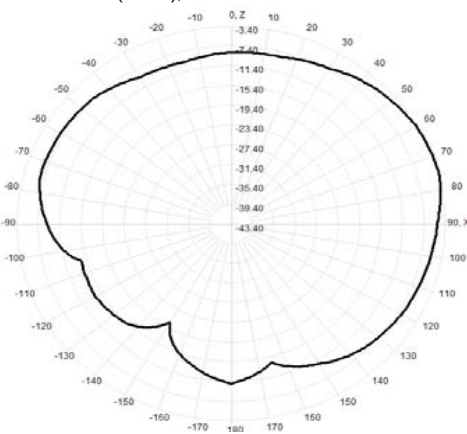
Total(H-XY), Max= -5.03dBi, CirD=5.25



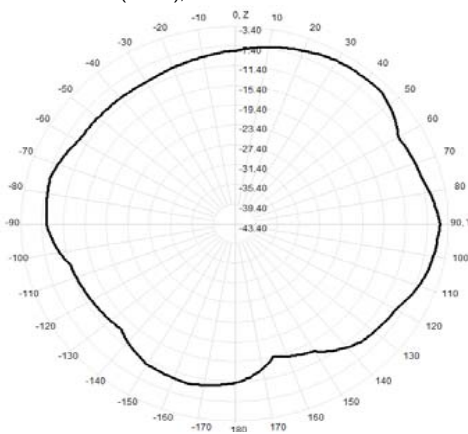
917.0MHz H+V, Eff: 16.9%



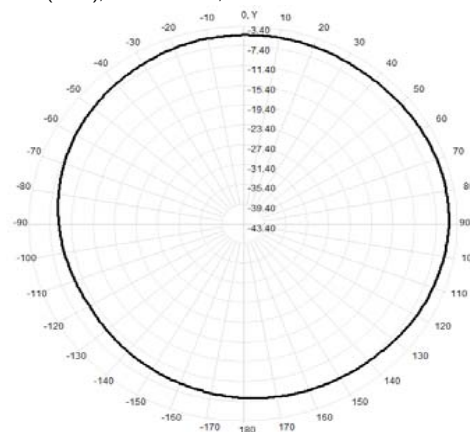
917.0MHz Total(E1-XZ), Max= -3.40dBi



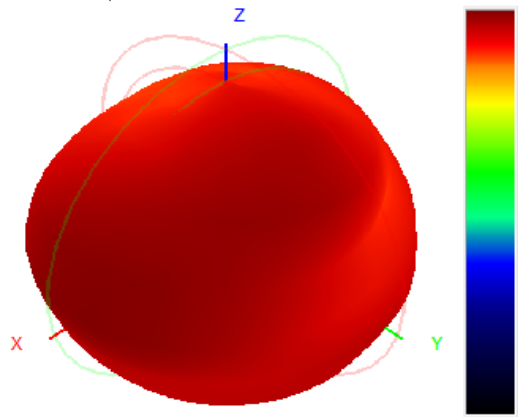
917.0MHz Total(E2-YZ), Max= -5.09dBi



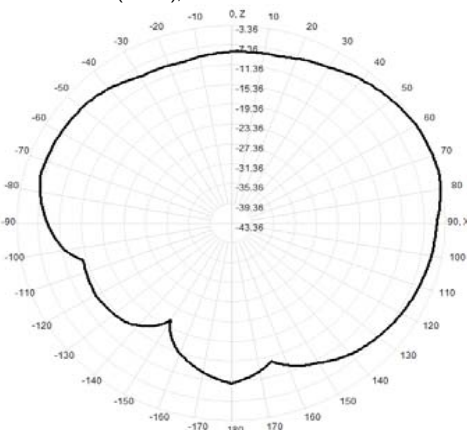
Total(H-XY), Max= -5.05dBi, CirD=5.30



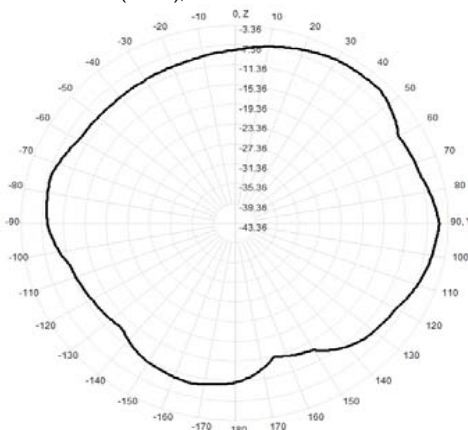
918.0MHz H+V, Eff: 16.9%



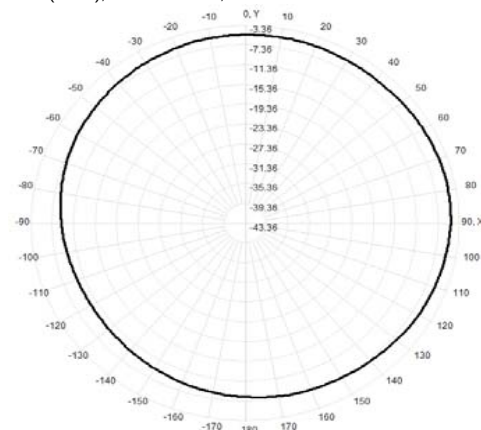
918.0MHz Total(E1-XZ), Max=-3.36dBi



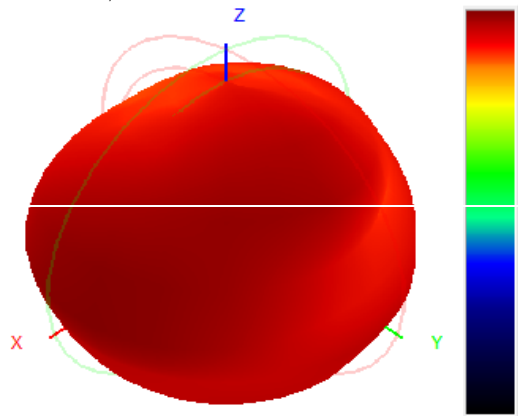
918.0MHz Total(E2-YZ), Max=-5.17dBi



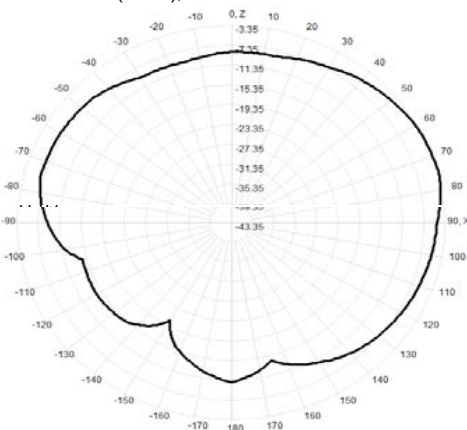
Total(H-XY), Max=-4.98dBi, CirD=5.31



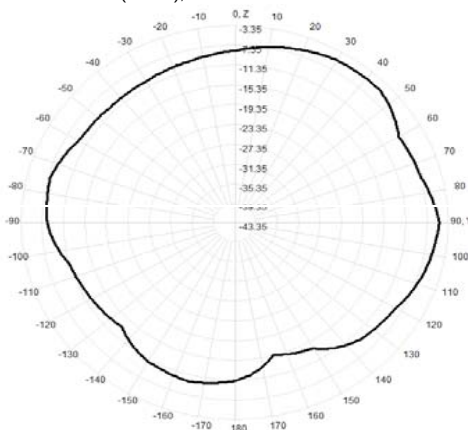
919.0MHz H+V, Eff: 16.9%



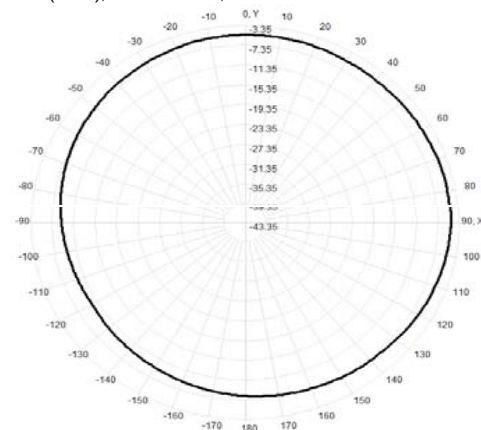
919.0MHz Total(E1-XZ), Max=-3.35dBi



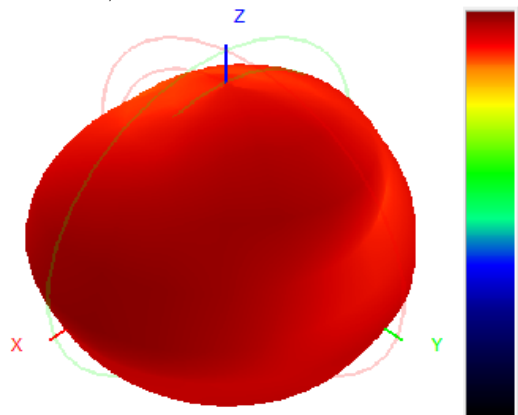
919.0MHz Total(E2-YZ), Max=-5.16dBi



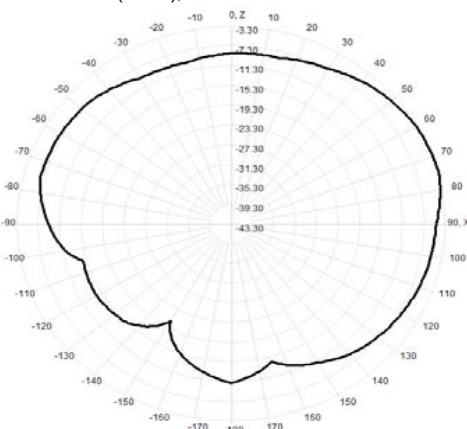
Total(H-XY), Max=-4.98dBi, CirD=5.31



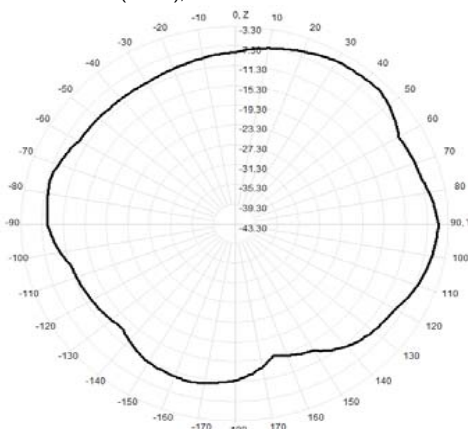
920.0MHz H+V, Eff: 16.9%



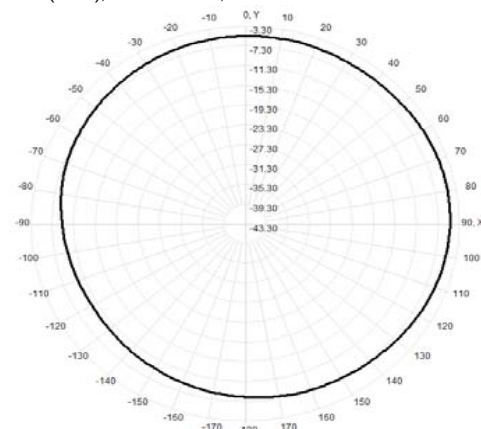
920.0MHz Total(E1-XZ), Max=-3.30dBi



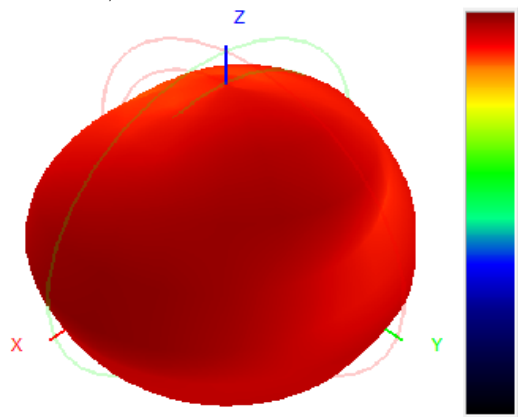
920.0MHz Total(E2-YZ), Max=-5.11dBi



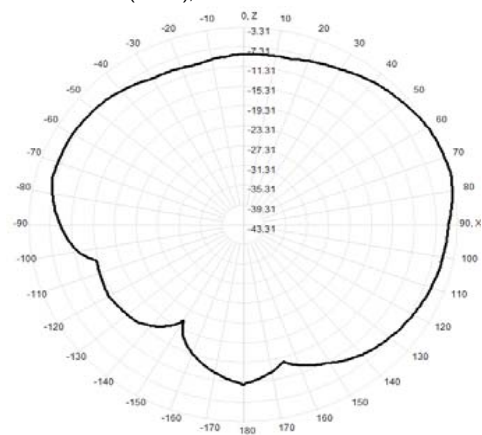
Total(H-XY), Max=-5.03dBi, CirD=5.35



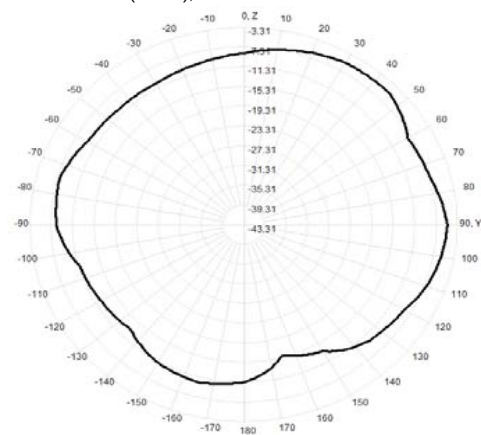
921.0MHz H+V, Eff: 16.8%



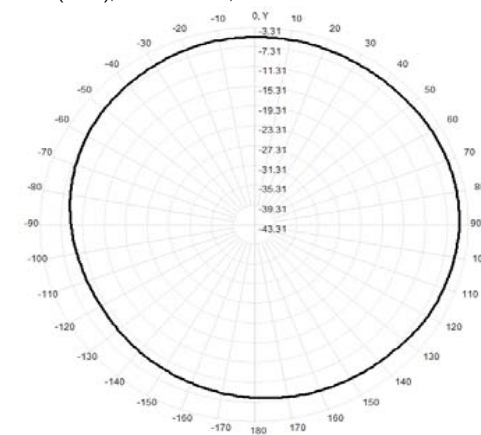
921.0MHz Total(E1-XZ), Max= -3.31dBi



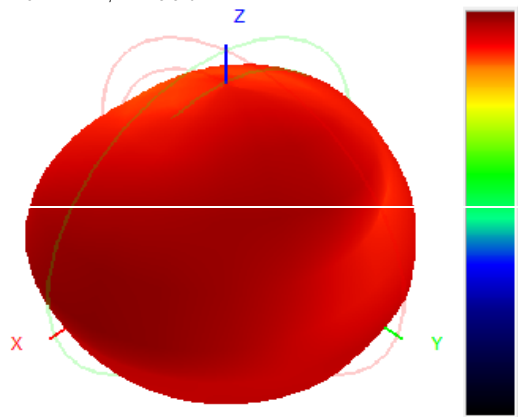
921.0MHz Total(E2-YZ), Max= -5.23dBi



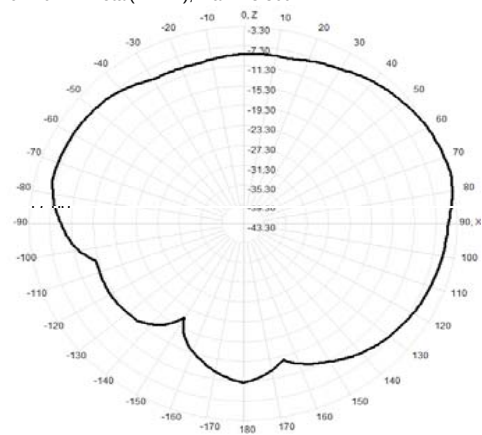
Total(H-XY), Max= -5.04dBi, CirD=5.32



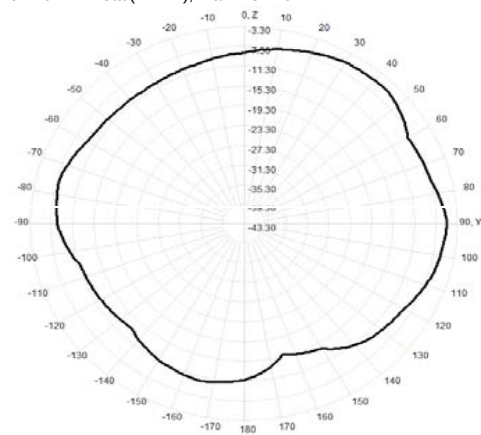
922.0MHz H+V, Eff: 16.6%



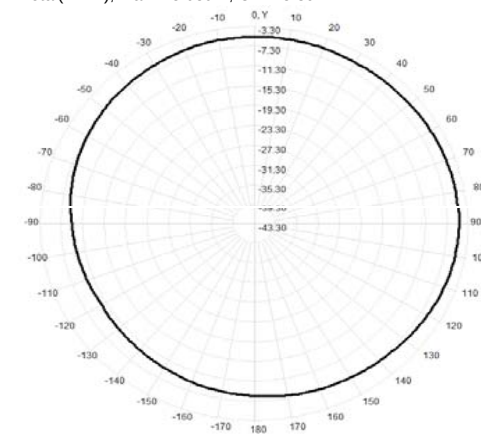
922.0MHz Total(E1-XZ), Max= -3.30dBi



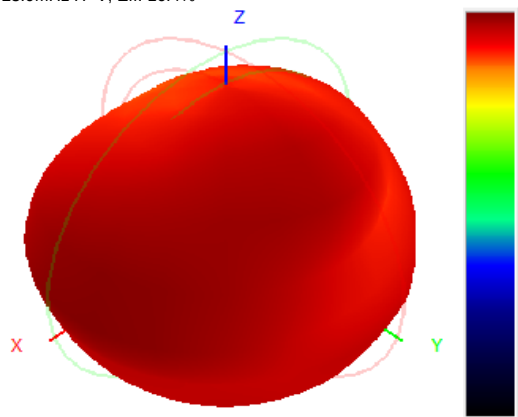
922.0MHz Total(E2-YZ), Max= -5.24dBi



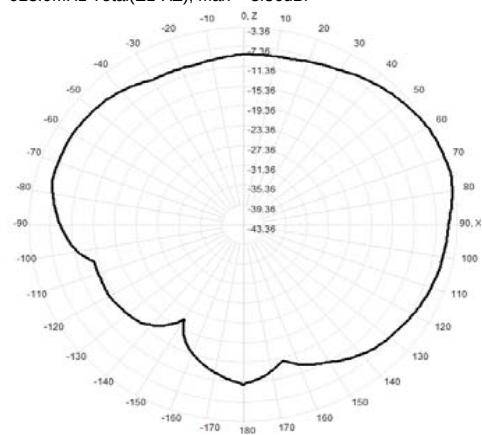
Total(H-XY), Max= -5.05dBi, CirD=5.39



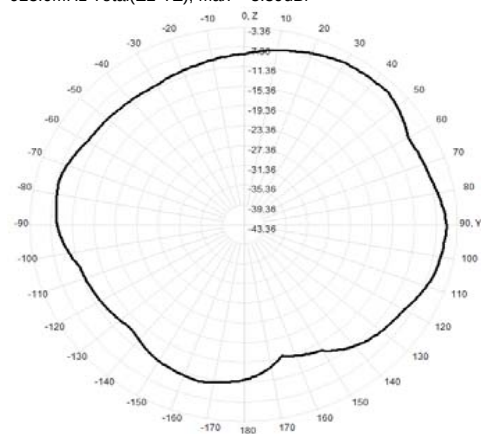
923.0MHz H+V, Eff: 16.4%



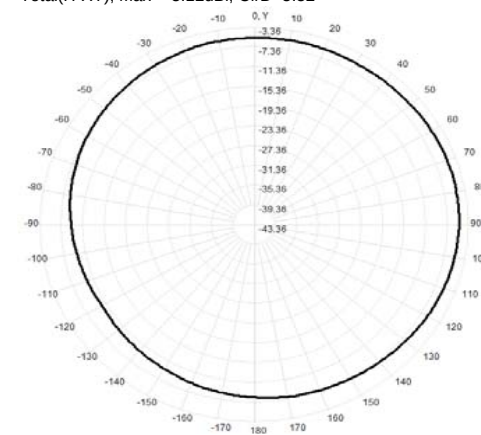
923.0MHz Total(E1-XZ), Max= -3.36dBi



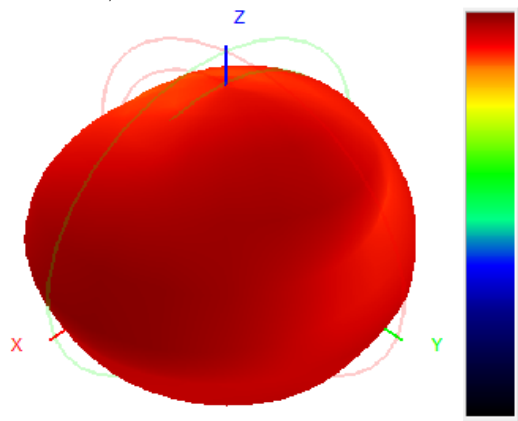
923.0MHz Total(E2-YZ), Max= -5.39dBi



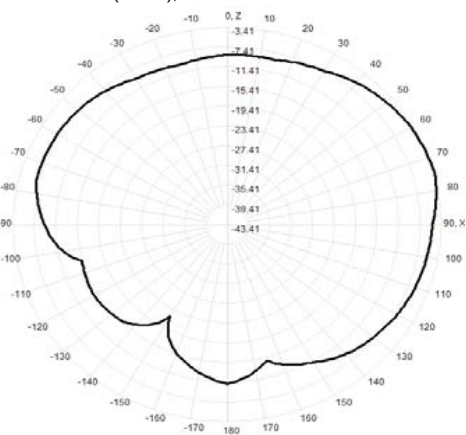
Total(H-XY), Max= -5.12dBi, CirD=5.52



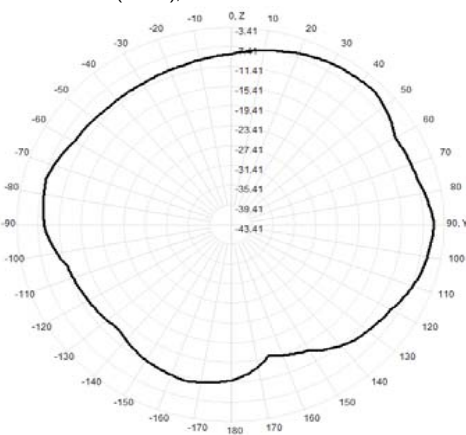
924.0MHz H+V, Eff: 16.2%



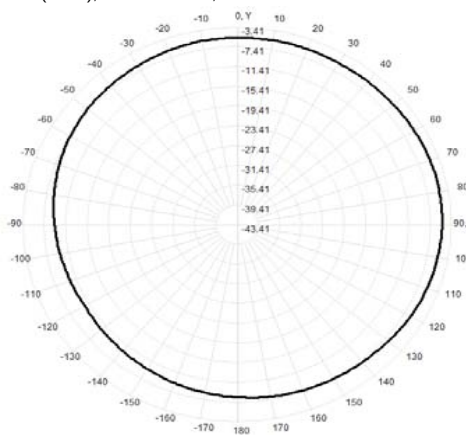
924.0MHz Total(E1-XZ), Max= -3.41dBi



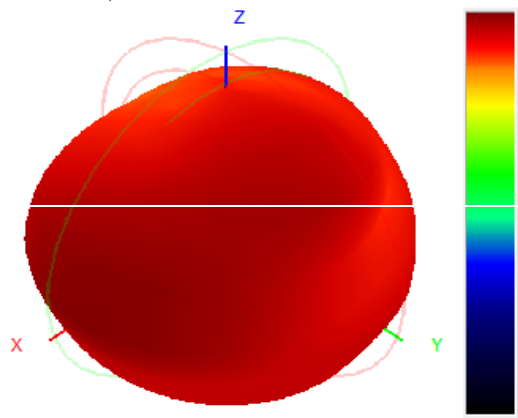
924.0MHz Total(E2-YZ), Max= -5.38dBi



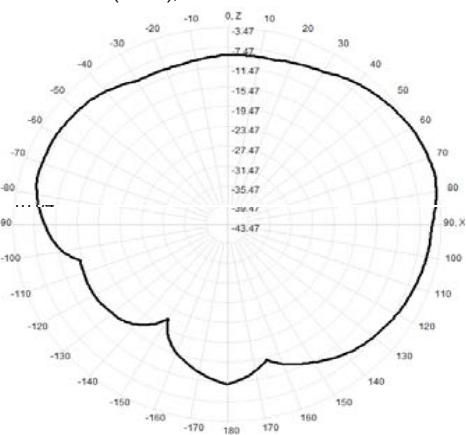
Total(H-XY), Max= -5.17dBi, CirD=5.38



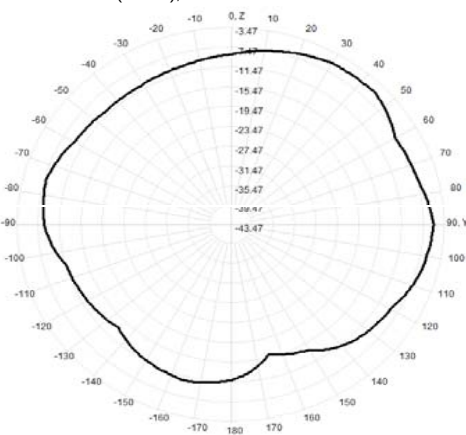
925.0MHz H+V, Eff: 15.9%



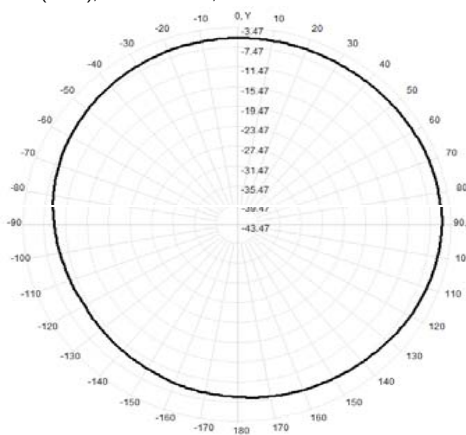
925.0MHz Total(E1-XZ), Max= -3.47dBi



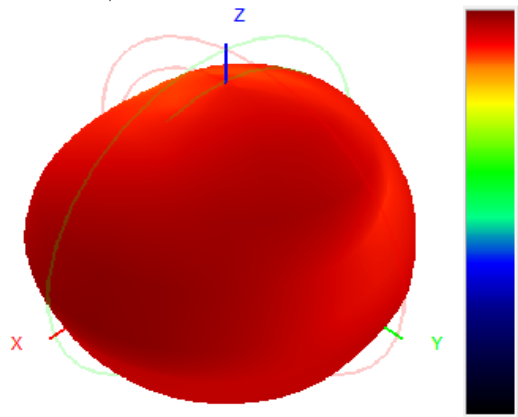
925.0MHz Total(E2-YZ), Max= -5.51dBi



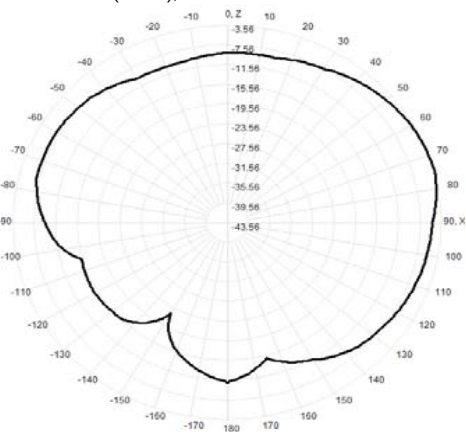
Total(H-XY), Max= -5.25dBi, CirD=5.37



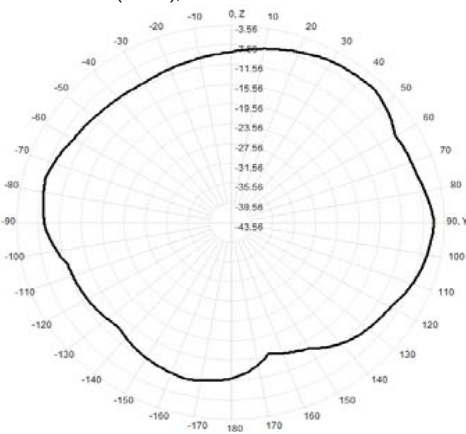
926.0MHz H+V, Eff: 15.6%



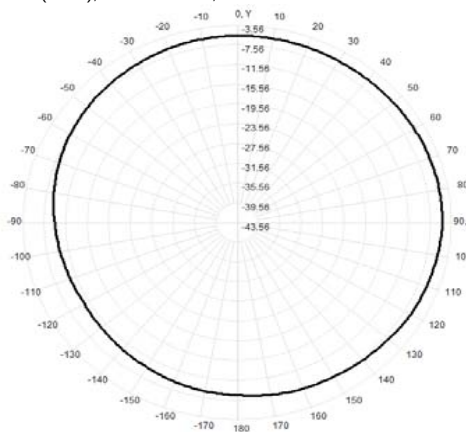
926.0MHz Total(E1-XZ), Max= -3.56dBi



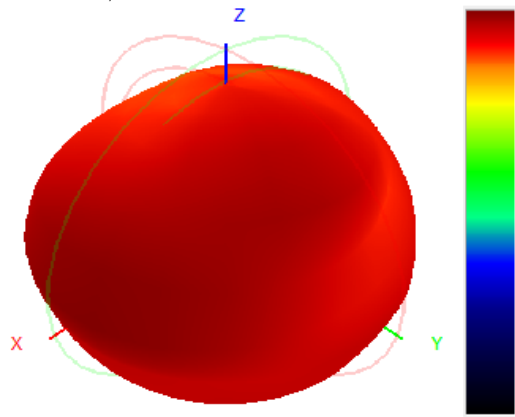
926.0MHz Total(E2-YZ), Max= -5.55dBi



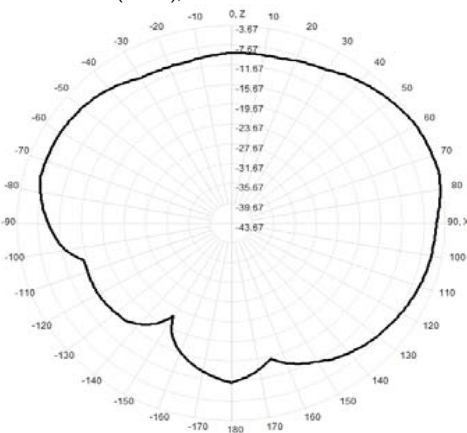
Total(H-XY), Max= -5.39dBi, CirD=5.30



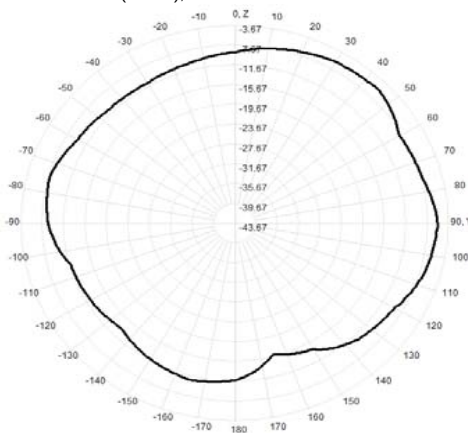
927.0MHz H+V, Eff: 15.3%



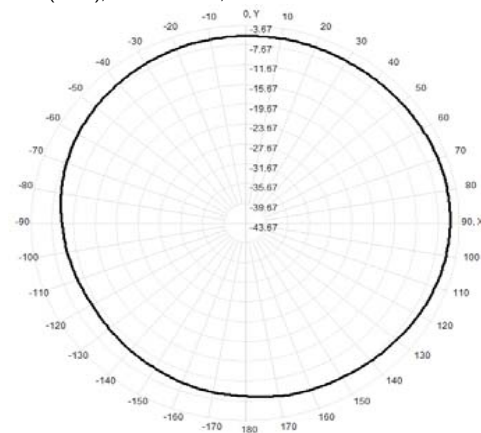
927.0MHz Total(E1-XZ), Max=-3.67dBi



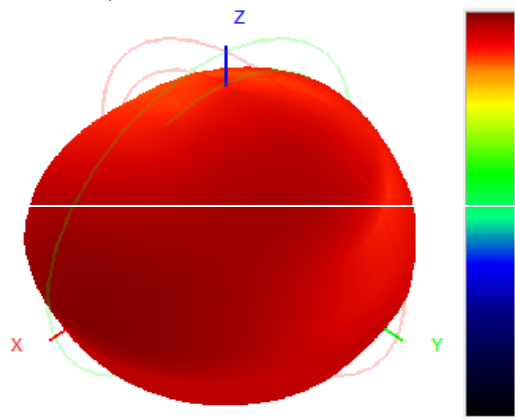
927.0MHz Total(E2-YZ), Max=-5.64dBi



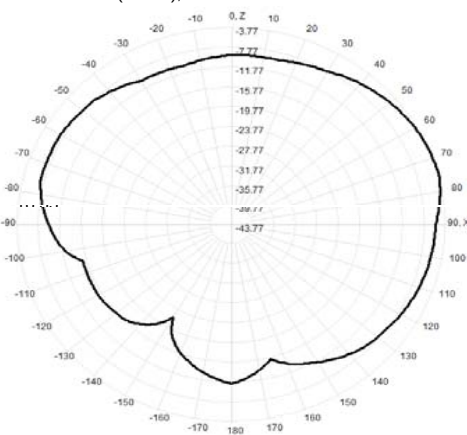
Total(H-XY), Max=-5.46dBi, CirD=5.28



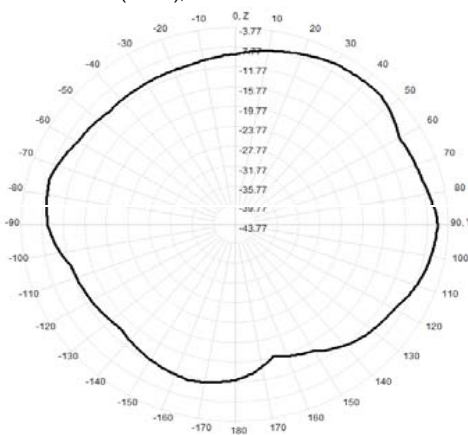
928.0MHz H+V, Eff: 14.9%



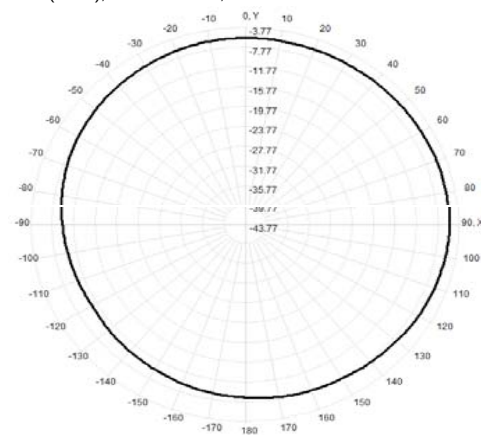
928.0MHz Total(E1-XZ), Max=-3.77dBi



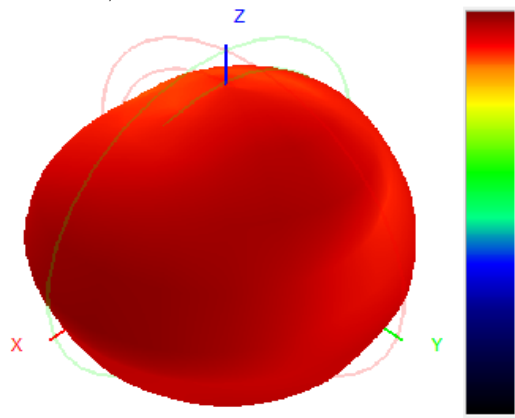
928.0MHz Total(E2-YZ), Max=-5.86dBi



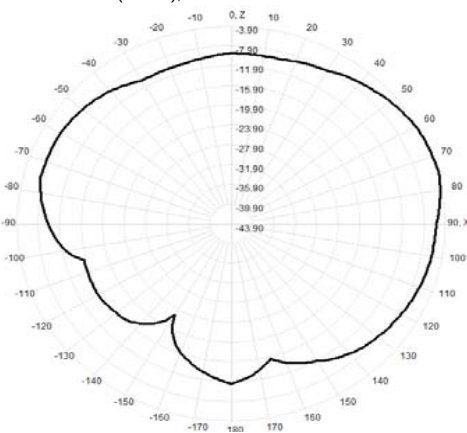
Total(H-XY), Max=-5.61dBi, CirD=5.23



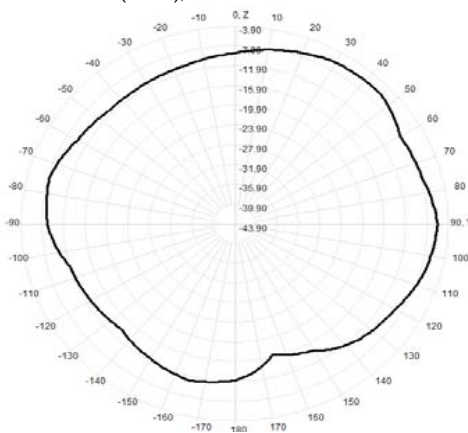
929.0MHz H+V, Eff: 14.5%



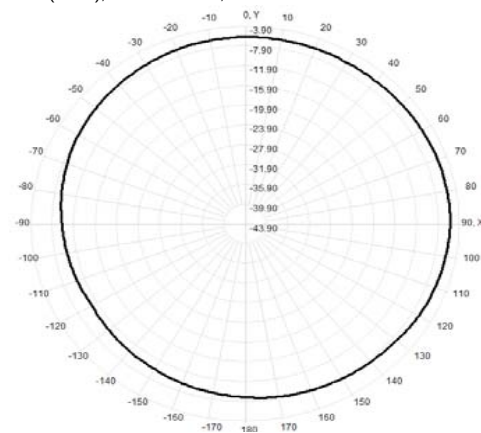
929.0MHz Total(E1-XZ), Max=-3.90dBi



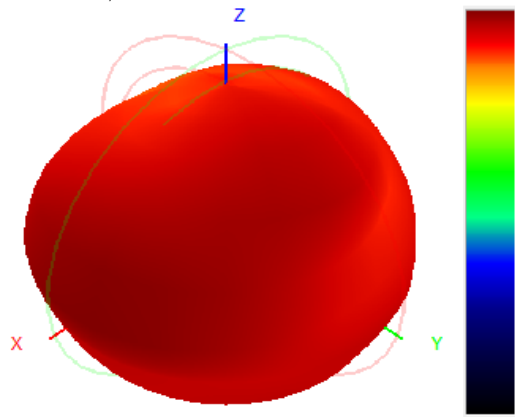
929.0MHz Total(E2-YZ), Max=-5.96dBi



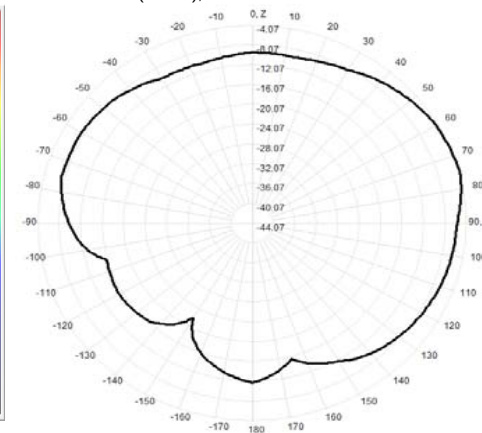
Total(H-XY), Max=-5.76dBi, CirD=5.14



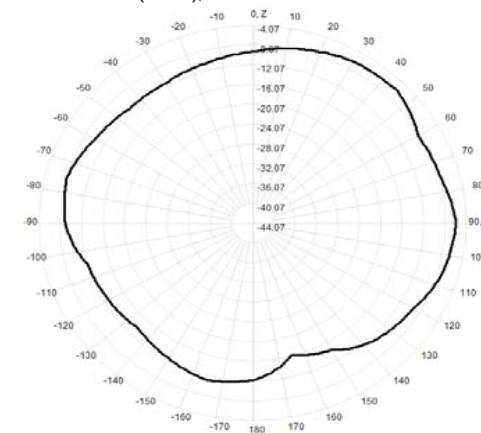
930.0MHz H+V, Eff: 14.1%



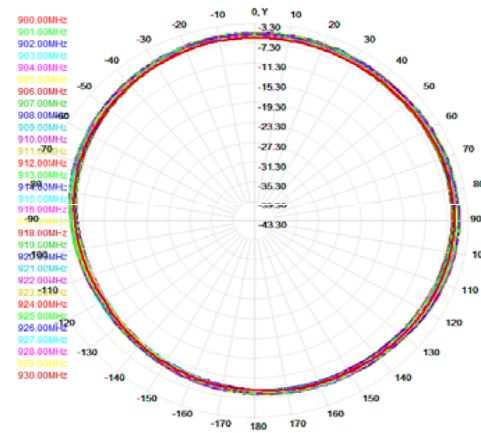
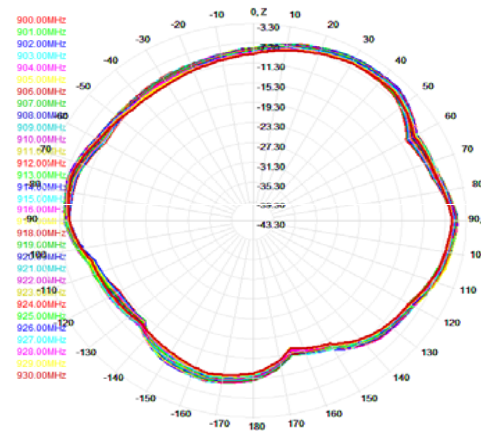
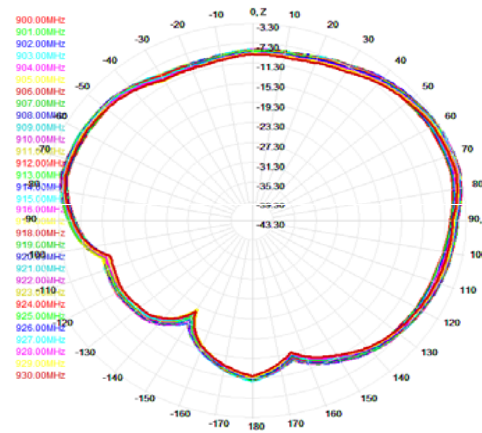
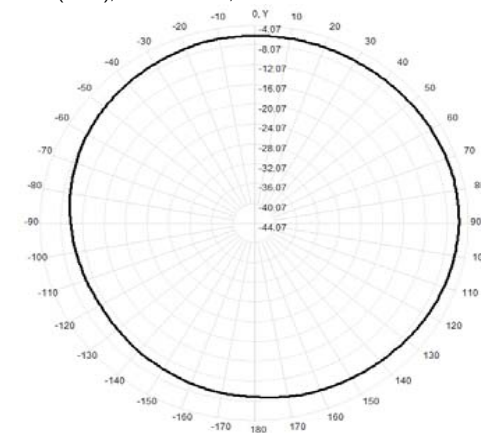
930.0MHz Total(E1-XZ), Max=-4.07dBi



930.0MHz Total(E2-YZ), Max=-6.12dBi



Total(H-XY), Max=-5.89dBi, CirD=5.12



Lora ANT

