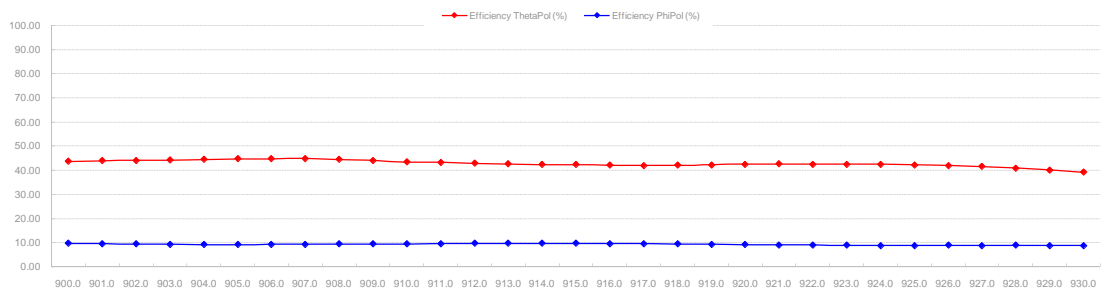
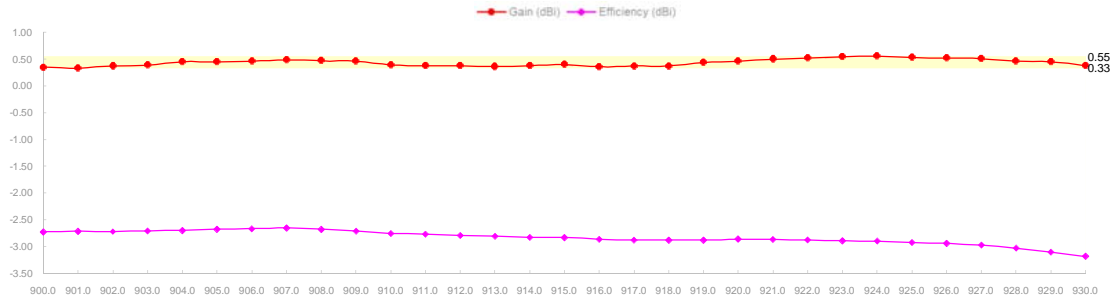
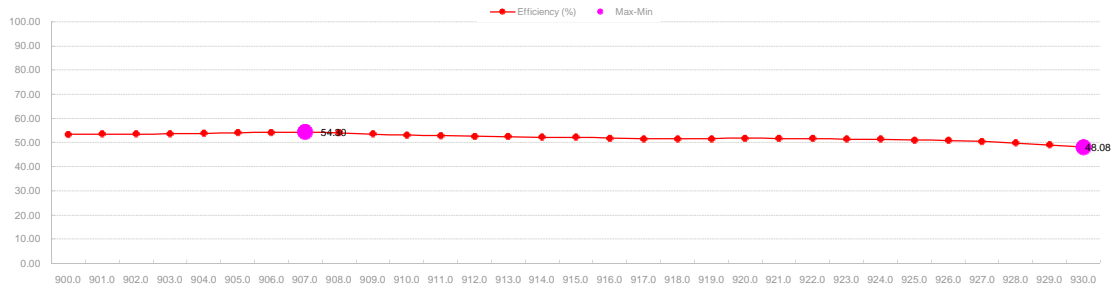


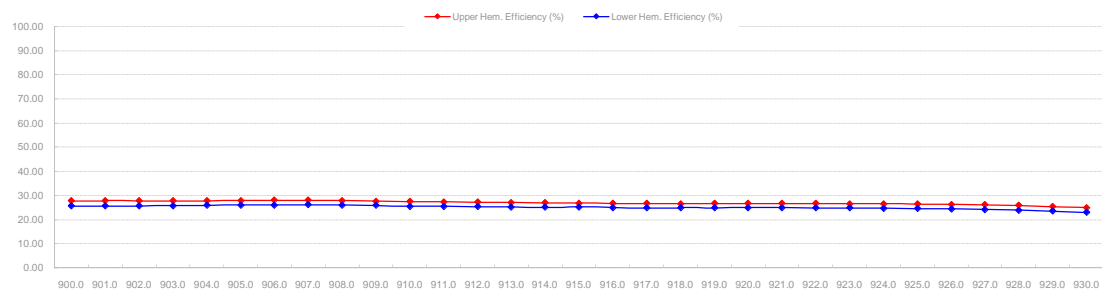


### M.gear

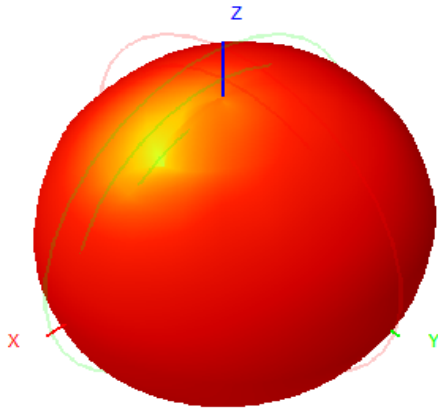
Frequency ID	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Frequency (MHz)	900.0	901.0	902.0	903.0	904.0	905.0	906.0	907.0	908.0	909.0	910.0	911.0	912.0	913.0	914.0	915.0	916.0	917.0	918.0	919.0	920.0	921.0	922.0	923.0	924.0	925.0	926.0	927.0	928.0	929.0	930.0	
Efficiency (dBi)	-2.73	-2.71	-2.72	-2.71	-2.70	-2.68	-2.67	-2.65	-2.68	-2.71	-2.75	-2.77	-2.79	-2.81	-2.83	-2.83	-2.86	-2.88	-2.88	-2.88	-2.86	-2.87	-2.87	-2.89	-2.90	-2.92	-2.94	-2.97	-3.03	-3.10	-3.18	
Gain (dBi)	0.34	0.33	0.37	0.38	0.45	0.44	0.46	0.48	0.46	0.39	0.37	0.37	0.35	0.37	0.40	0.35	0.37	0.37	0.43	0.46	0.50	0.51	0.54	0.55	0.53	0.51	0.51	0.46	0.45	0.38		
Efficiency (%)	53.39	53.54	53.48	53.62	53.73	54.00	54.12	54.30	53.97	53.55	53.05	52.89	52.62	52.39	52.18	52.13	51.74	51.53	51.55	51.54	51.76	51.68	51.60	51.41	51.33	51.04	50.84	50.45	49.83	48.97	48.08	
Directivity (dB)	3.07	3.04	3.08	3.09	3.14	3.12	3.12	3.13	3.14	3.17	3.14	3.14	3.16	3.16	3.19	3.22	3.21	3.24	3.24	3.31	3.32	3.36	3.39	3.43	3.45	3.45	3.45	3.48	3.49	3.55	3.56	
Peak Gain Position (Theta)	60.00	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		
Peak Gain Position (Phi)	165.00	180.00	165.00	165.00	135.00	135.00	135.00	135.00	150.00	135.00	135.00	135.00	150.00	135.00	135.00	150.00	135.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00	150.00		
Efficiency ThetaPol (%)	43.64	43.91	44.03	44.24	44.42	44.71	44.79	44.87	44.52	44.04	43.49	43.23	42.85	42.61	42.40	42.34	42.06	41.94	42.11	42.18	42.50	42.57	42.56	42.50	42.45	42.19	41.92	41.56	40.90	39.21		
Efficiency PhiPol (%)	9.76	9.62	9.45	9.38	9.31	9.29	9.32	9.43	9.45	9.52	9.56	9.65	9.76	9.78	9.78	9.79	9.68	9.59	9.45	9.37	9.26	9.11	9.04	8.92	8.89	8.85	8.92	8.90	8.93	8.90	8.88	
Upper Hem. Efficiency (%)	27.75	27.85	27.77	27.77	27.82	27.95	28.00	28.09	27.92	27.67	27.47	27.37	27.20	27.10	27.01	26.92	26.74	26.68	26.62	26.66	26.73	26.69	26.71	26.58	26.56	26.41	26.35	26.20	25.92	25.47	25.05	
Lower Hem. Efficiency (%)	25.64	25.68	25.71	25.85	25.91	26.05	26.11	26.21	26.05	25.88	25.58	25.51	25.42	25.29	25.17	25.21	25.00	24.86	24.94	24.88	25.03	24.99	24.89	24.83	24.77	24.63	24.48	24.26	23.91	23.50	23.03	
T90(H)roundness	2.99	3.01	2.98	2.96	2.97	3.04	3.06	3.06	3.10	3.14	3.18	3.17	3.16	3.23	3.17	3.22	3.19	3.11	3.17	3.21	3.29	3.23	3.26	3.29	3.23	3.31	3.30	3.32	3.30	3.37	3.27	
Gain 15deg (dBi)																																
E1(XZ)beam width	85.00	86.00	86.00	86.00	86.00	85.00	88.00	85.00	88.00	87.00	88.00	85.00	88.00	87.00	87.00	87.00	88.00	87.00	86.00	89.00	88.00	91.00	89.00	87.00	89.00	89.00	90.00	89.00	88.00	90.00		
E1(XZ)front-to-rear ratio	4.66	4.67	4.63	4.51	4.44	4.45	4.37	4.45	4.30	4.29	4.31	4.22	4.19	4.11	4.13	4.12	4.05	4.08	4.02	3.92	3.99	3.91	3.95	3.90	3.95	3.82	3.87	3.86	3.90	3.76	3.87	
E2(YZ)beam width	71.00	74.00	72.00	72.00	73.00	76.00	73.00	74.00	76.00	73.00	76.00	78.00	76.00	73.00	74.00	78.00	76.00	76.00	82.00	82.00	84.00	82.00	84.00	84.00	86.00	86.00	87.00	88.00	88.00	89.00	88.00	
E2(YZ)front-to-rear ratio	2.64	2.75	2.74	2.72	2.78	2.86	2.84	2.83	2.88	2.90	2.93	2.91	2.96	3.00	3.03	3.06	3.05	2.98	3.00	3.05	3.05	3.07	3.04	2.99	3.04	2.99	2.97	2.94	2.97	2.97	2.96	
Maximum benefit axis ratio	17.94	17.66	17.79	17.72	20.93	20.63	20.58	20.10	20.57	19.92	19.33	19.18	19.67	19.19	18.98	19.20	18.75	18.93	18.69	18.62	18.52	18.35	18.37	18.17	18.32	18.19	17.90	17.87	17.66	17.18	17.36	
Peak(Theta=0)axial ratio(P)	18.03	23.04	23.21	22.92	21.95	17.48	12.92	15.16	19.40	18.04	22.37	28.74	27.12	24.93	27.01	26.64	27.08	51.95	25.78	17.77	21.08	20.80	17.27	21.28	26.84	25.22	30.80	39.40	81.87	25.73	33.68	
elevation 10° axial ratio(P)	57.21	97.17	78.38	83.94	96.69	56.92	73.57	59.24	63.63	78.57	75.22	67.64	70.55	58.83	85.85	64.36	60.75	65.27	65.31	64.73	71.30	73.38	71.17	53.54	52.12	52.68	61.09	66.67	69.60	55.35	73.74	
Hc(XY)beam width	360.00	0.00	360.00	360.00	360.00	355.00	354.00	353.00	345.00	341.00	344.00	342.00	345.00	337.00	341.00	337.00	339.00	344.00	340.00	340.00	334.00	335.00	337.00	336.00	332.00	338.00	332.00	331.00	332.00	331.00	329.00	335.00
Hc(XY)front-to-rear ratio	0.54	0.54	0.60	0.54	0.62	0.56	0.60	0.63	0.61	0.63	0.66	0.69	0.66	0.71	0.75	0.71	0.70	0.63	0.67	0.72	0.62	0.67	0.69	0.63	0.66	0.64	0.70	0.61	0.68	0.69	0.58	
Left-handed circular polarization efficiency (%)	24.54	24.62	24.58	24.64	24.62	24.67	24.70	24.70	24.52	24.26	24.06	23.92	23.77	23.65	23.55	23.54	23.40	23.27	23.28	23.31	23.40	23.39	23.32	23.22	23.21	23.02	22.91	22.72	22.39	22.05	21.61	
Right-handed circular polarization efficiency (%)	28.86	28.91	28.90	28.98	29.12	29.33	29.42	29.60	29.45	29.29	28.98	28.97	28.85	28.75	28.63	28.59	28.34	28.26	28.27	28.23	28.36	28.29	28.28	28.20	28.12	28.01	27.93	27.73	27.43	26.92	26.48	
Empty																																



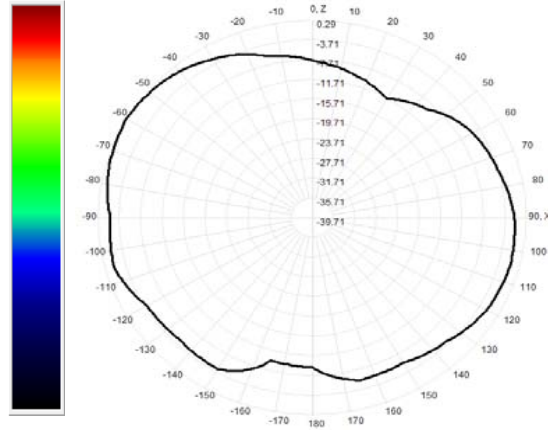
Xiamen Milesight IoT Co., Ltd.  
 Add: Building C09, Software Park Phase III, Xiamen 361024, Fujian, China



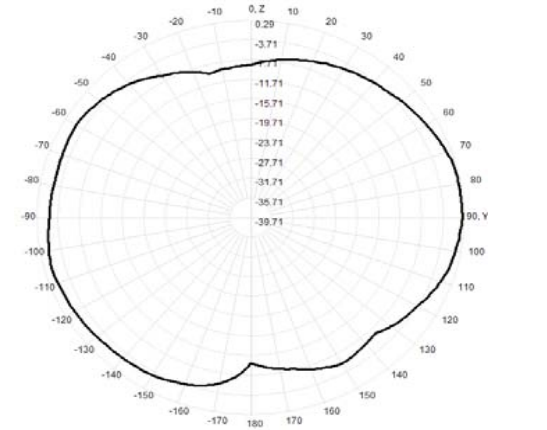
900.0MHz H+V, Eff: 53.4%



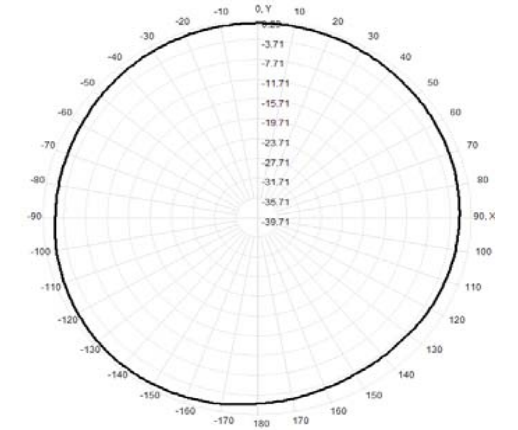
900.0MHz Total(E1-XZ), Max= 0.29dBi



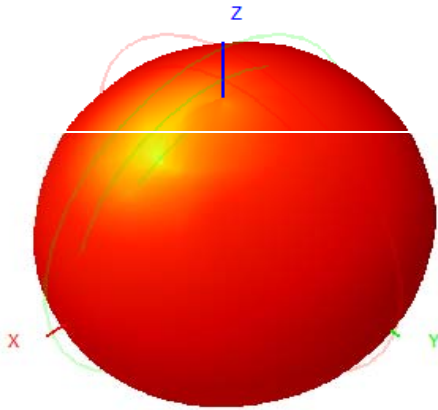
900.0MHz Total(E2-YZ), Max= -0.27dBi



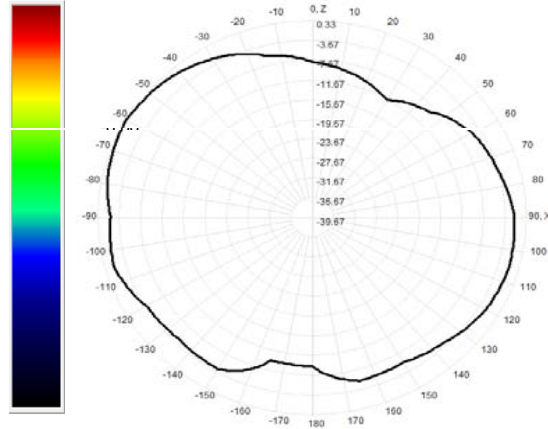
Total(H-XY), Max= -0.27dBi, CirD=2.99



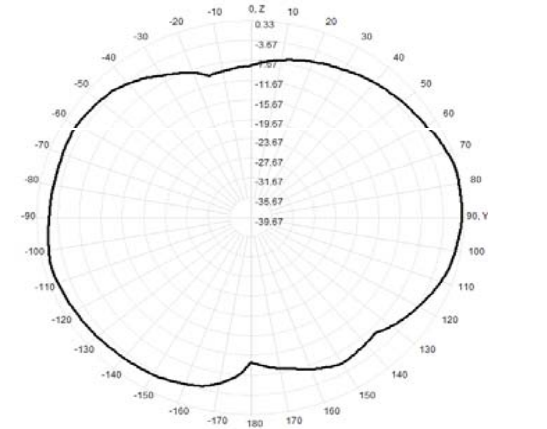
901.0MHz H+V, Eff: 53.5%



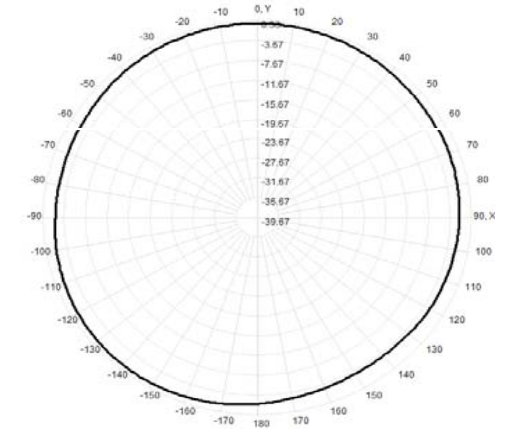
901.0MHz Total(E1-XZ), Max= 0.33dBi



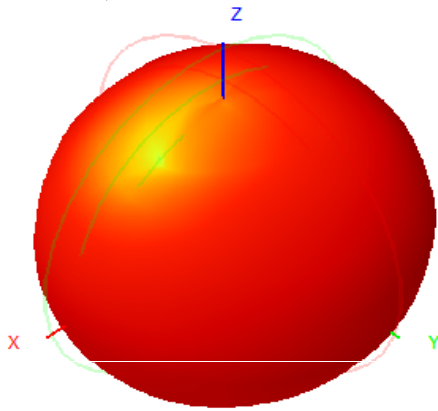
901.0MHz Total(E2-YZ), Max= -0.25dBi



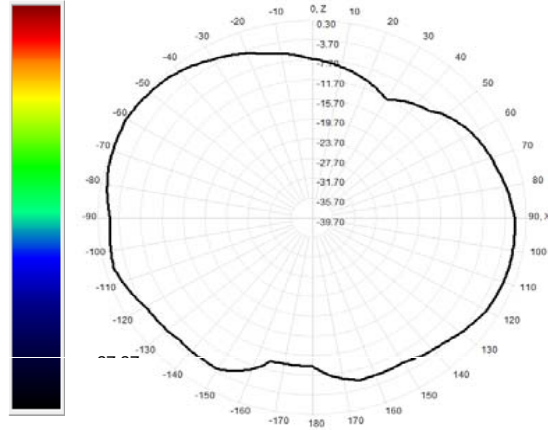
Total(H-XY), Max= -0.25dBi, CirD=3.01



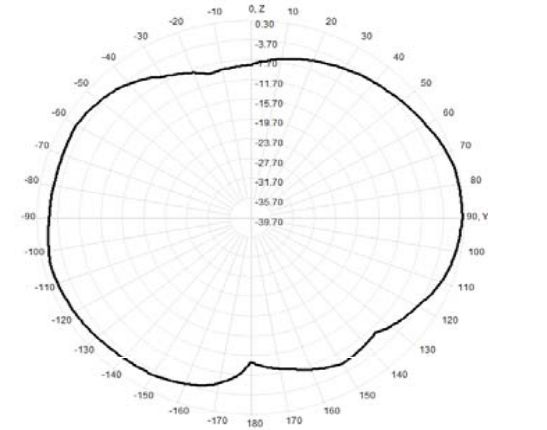
902.0MHz H+V, Eff: 53.5%



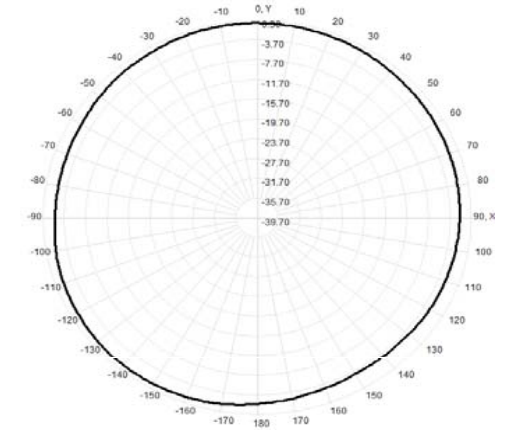
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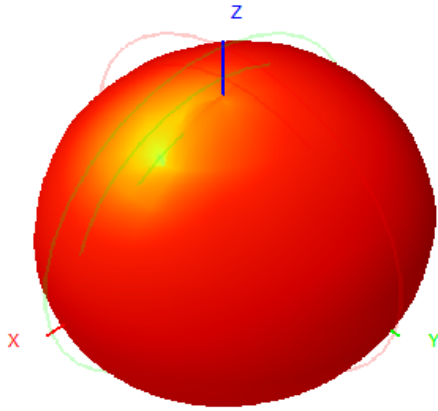
902.0MHz Total(E2-YZ), Max= -0.26dBi



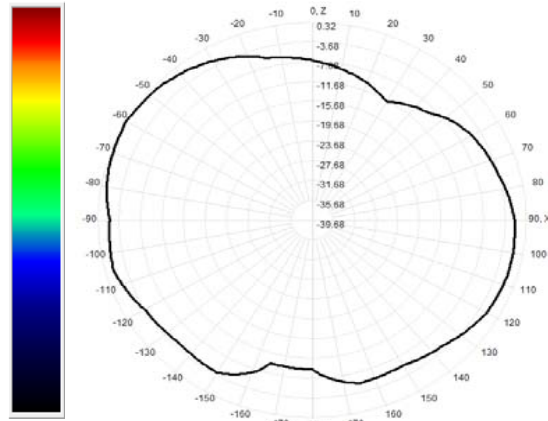
Total(H-XY), Max= -0.26dBi, CirD=2.98



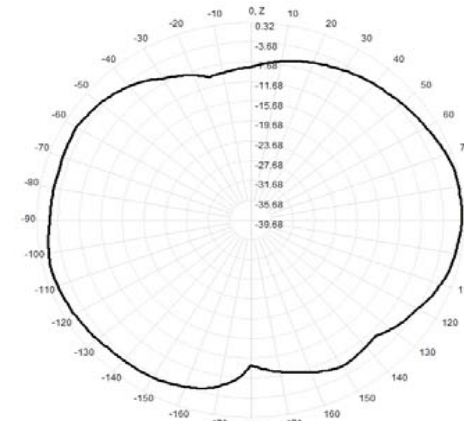
903.0MHz H+V, Eff: 53.6%



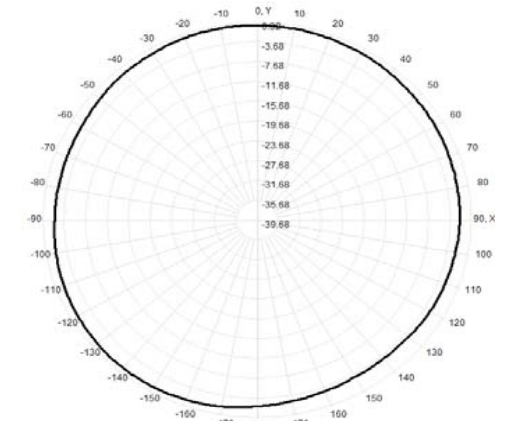
903.0MHz Total(E1-XZ), Max= 0.32dBi



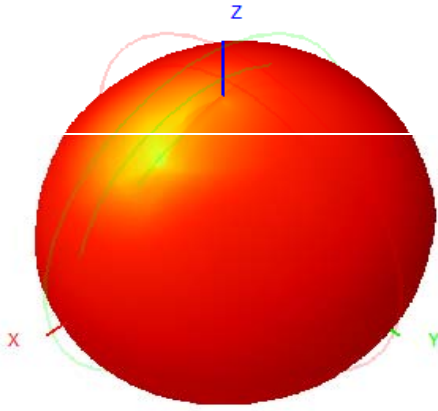
903.0MHz Total(E2-YZ), Max= -0.27dBi



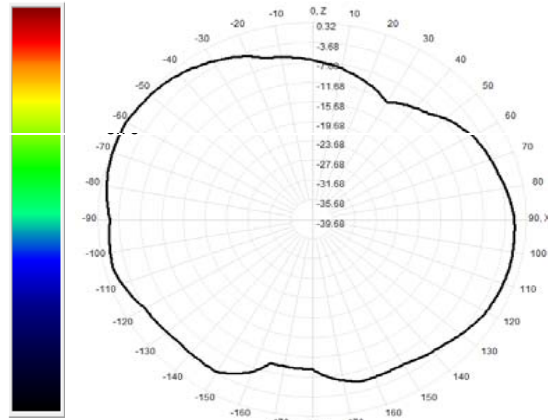
Total(H-XY), Max= -0.27dBi, CirD=2.96



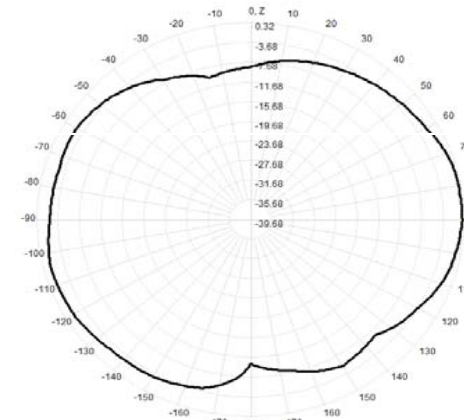
904.0MHz H+V, Eff: 53.7%



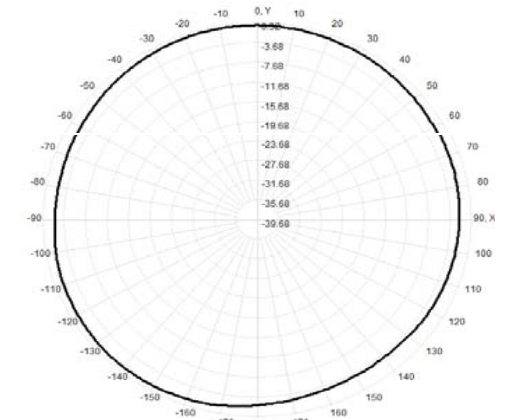
904.0MHz Total(E1-XZ), Max= 0.32dBi



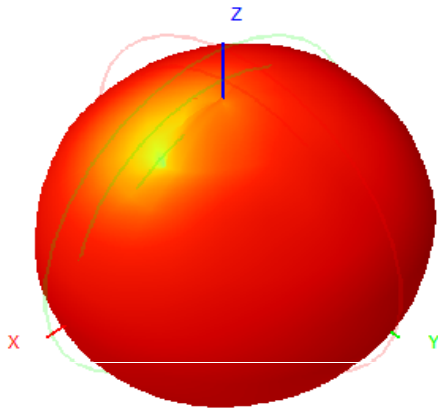
904.0MHz Total(E2-YZ), Max= -0.25dBi



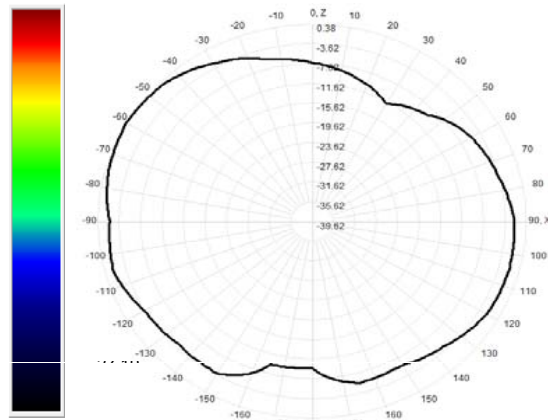
Total(H-XY), Max= -0.25dBi, CirD=2.97



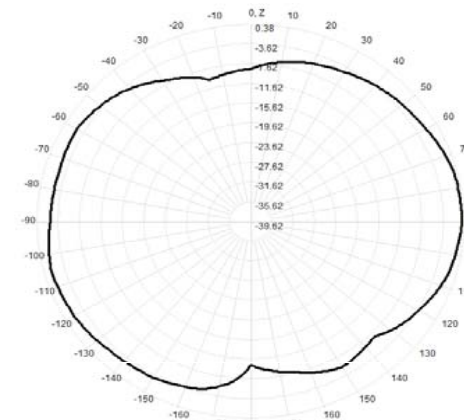
905.0MHz H+V, Eff: 54.0%



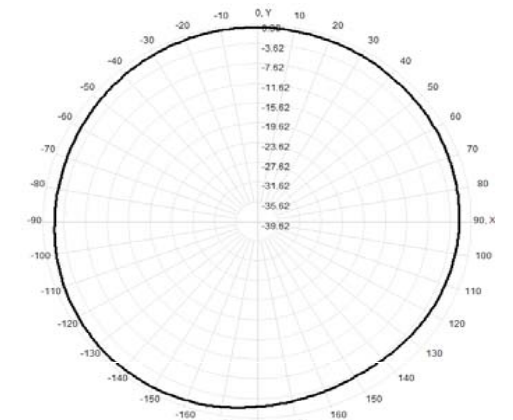
905.0MHz Total(E1-XZ), Max= 0.38dBi



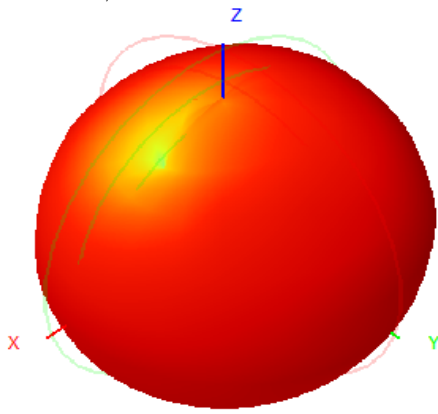
905.0MHz Total(E2-YZ), Max= -0.23dBi



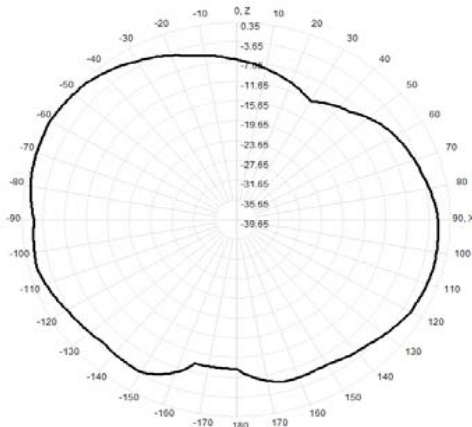
Total(H-XY), Max= -0.23dBi, CirD=3.04



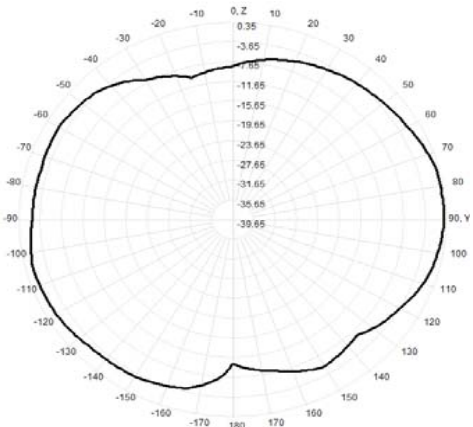
906.0MHz H+V, Eff: 54.1%



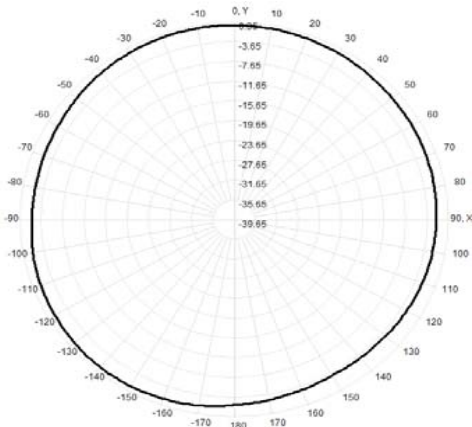
906.0MHz Total(E1-XZ), Max= 0.35dBi



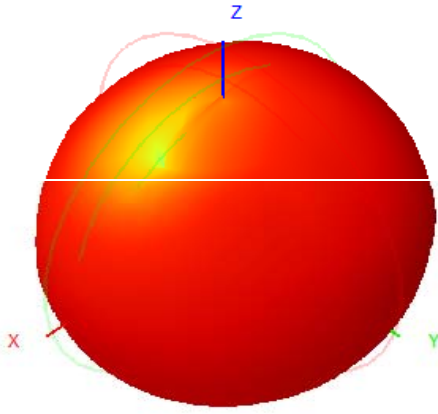
906.0MHz Total(E2-YZ), Max= -0.23dBi



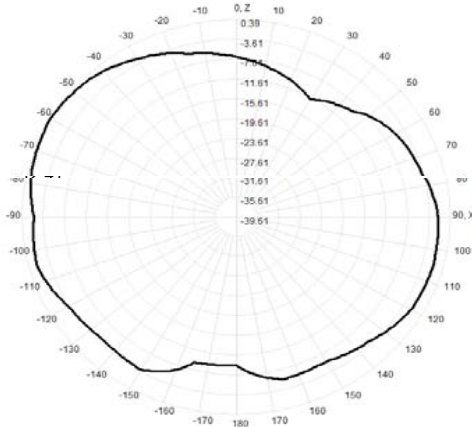
Total(H-XY), Max= -0.23dBi, CirD=3.06



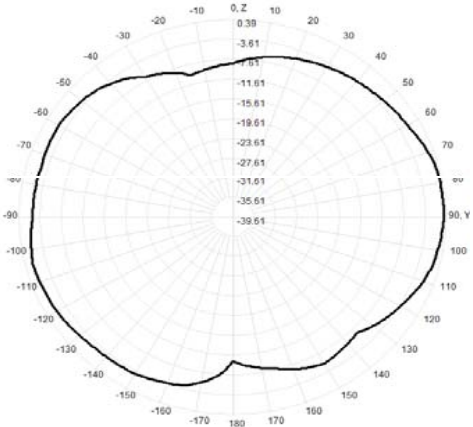
907.0MHz H+V, Eff: 54.3%



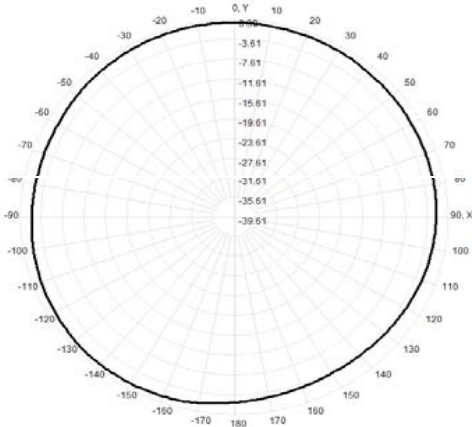
907.0MHz Total(E1-XZ), Max= 0.39dBi



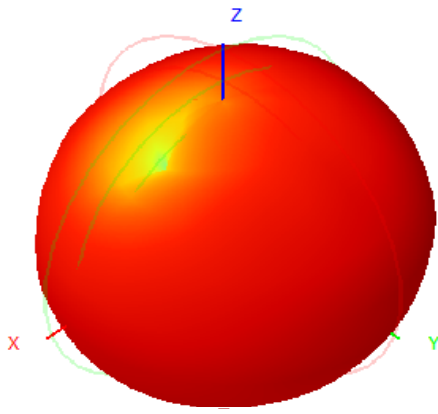
907.0MHz Total(E2-YZ), Max= -0.22dBi



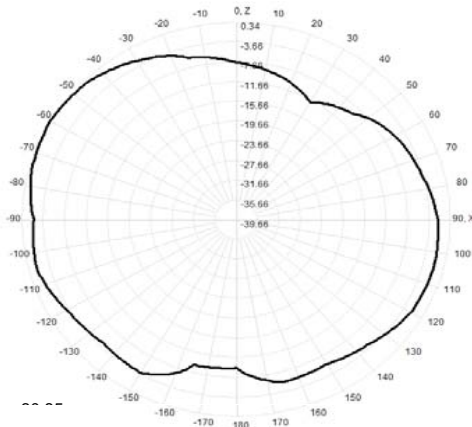
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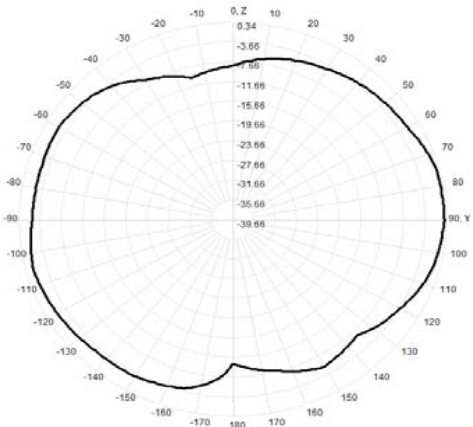
908.0MHz H+V, Eff: 54.0%



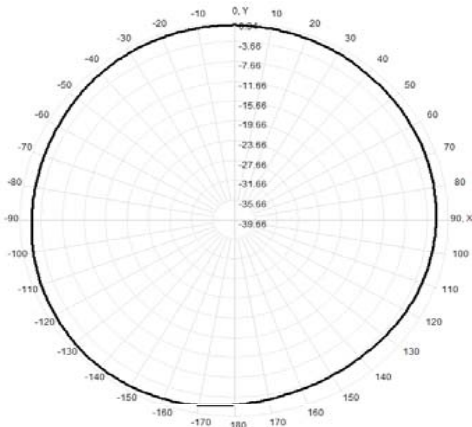
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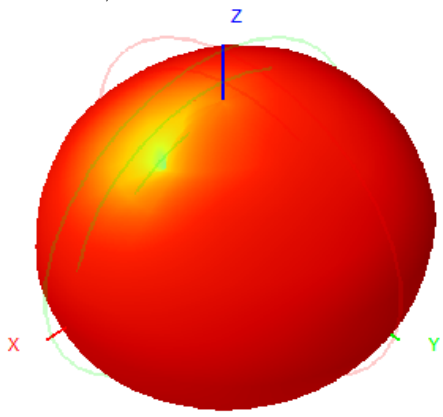
908.0MHz Total(E2-YZ), Max= -0.22dBi



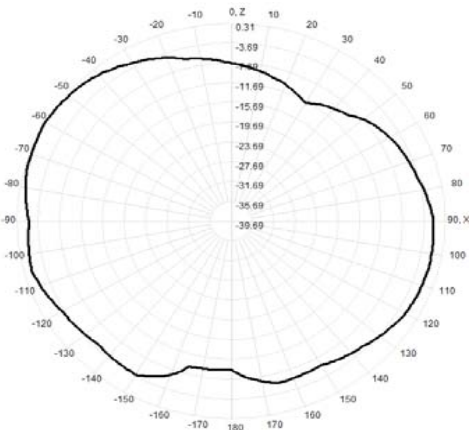
Total(H-XY), Max= -0.22dBi, CirD=3.10



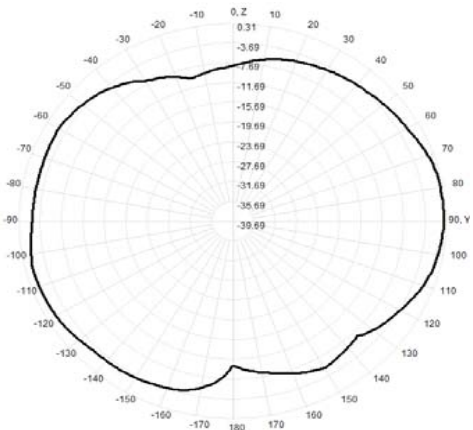
909.0MHz H+V, Eff: 53.6%



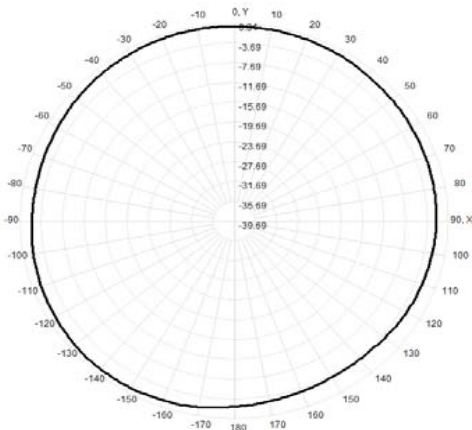
909.0MHz Total(E1-XZ), Max= 0.31dBi



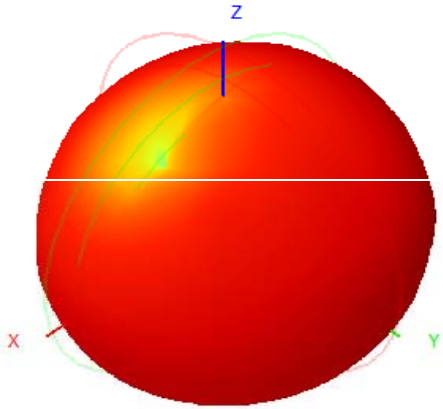
909.0MHz Total(E2-YZ), Max= -0.26dBi



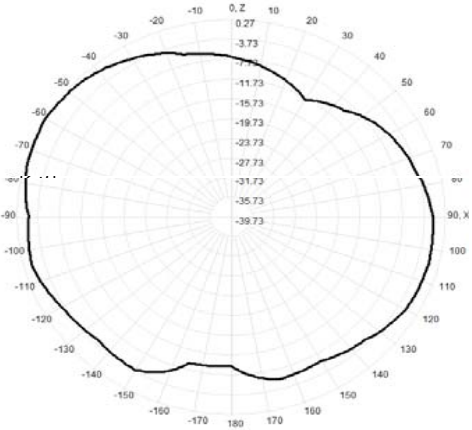
Total(H-XY), Max= -0.26dBi, CirD=3.14



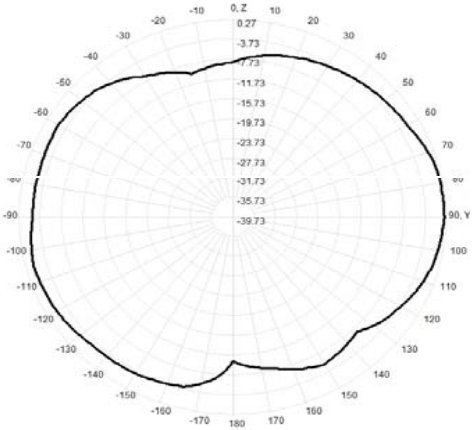
910.0MHz H+V, Eff: 53.0%



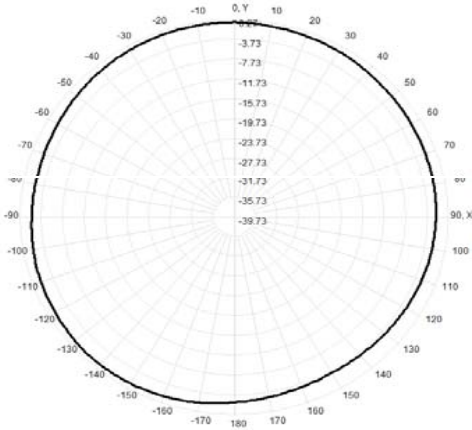
910.0MHz Total(E1-XZ), Max= 0.27dBi



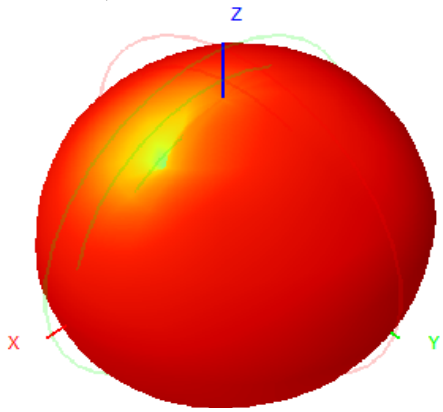
910.0MHz Total(E2-YZ), Max= -0.30dBi



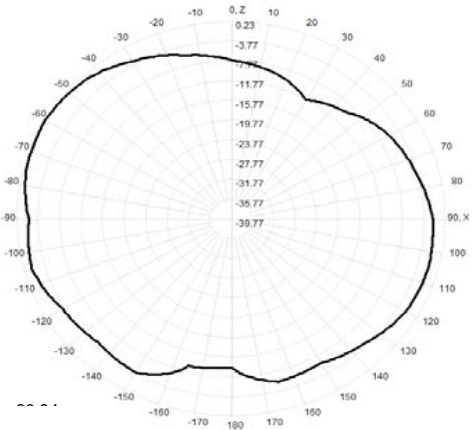
Total(H-XY), Max= -0.30dBi, CirD=3.18



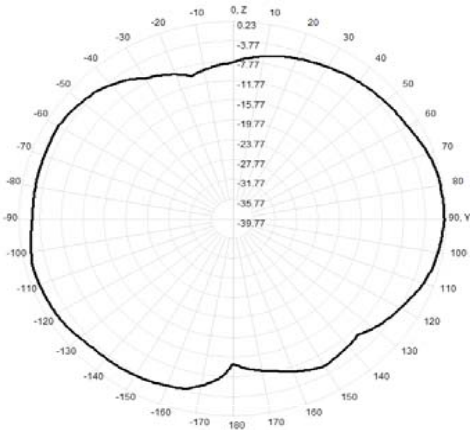
911.0MHz H+V, Eff: 52.9%



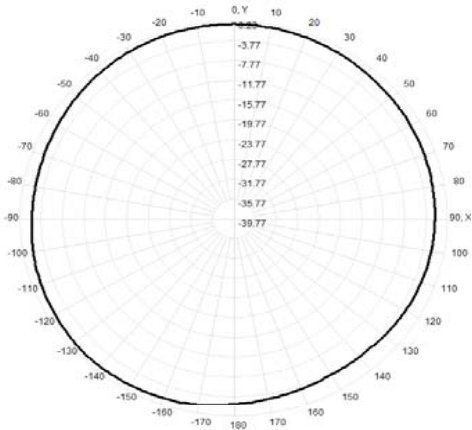
911.0MHz Total(E1-XZ), Max= 0.23dBi



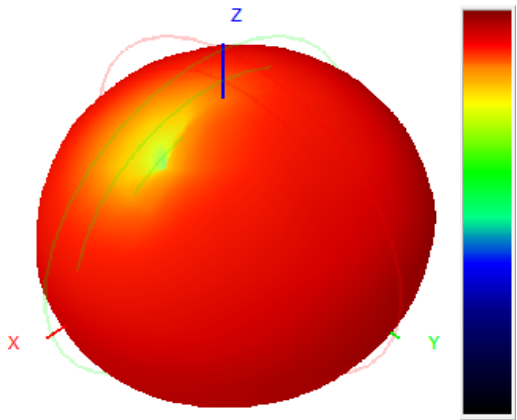
911.0MHz Total(E2-YZ), Max= -0.34dBi



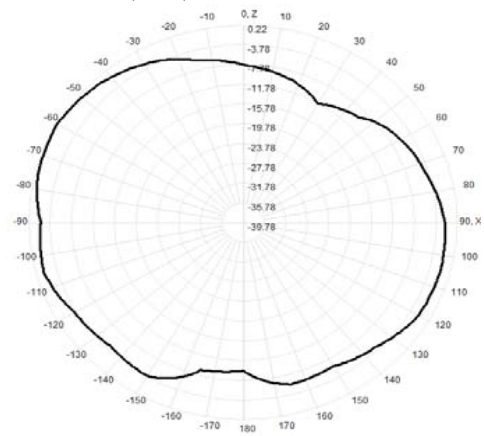
Total(H-XY), Max= -0.34dBi, CirD=3.17



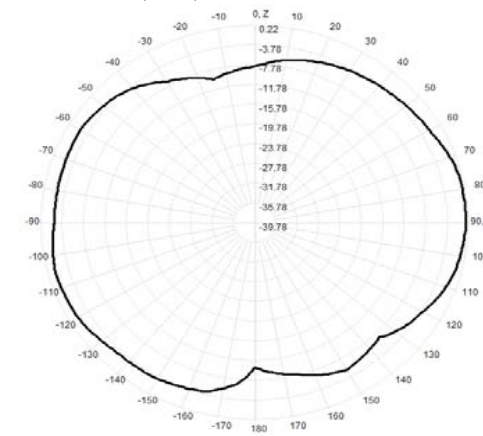
912.0MHz H+V, Eff: 52.6%



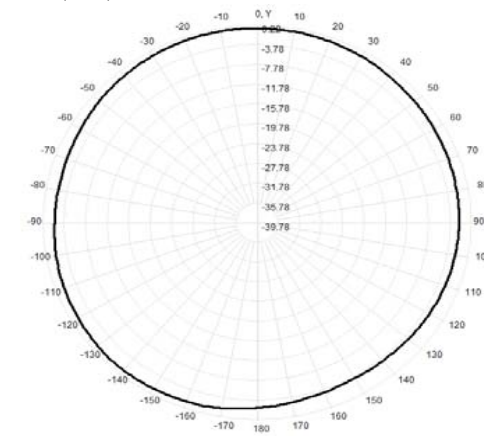
912.0MHz Total(E1-XZ), Max= 0.22dBi



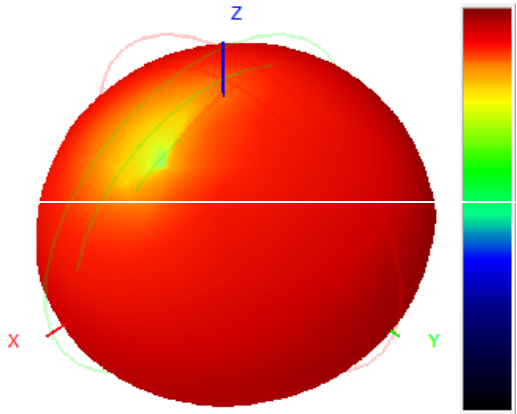
912.0MHz Total(E2-YZ), Max= -0.36dBi



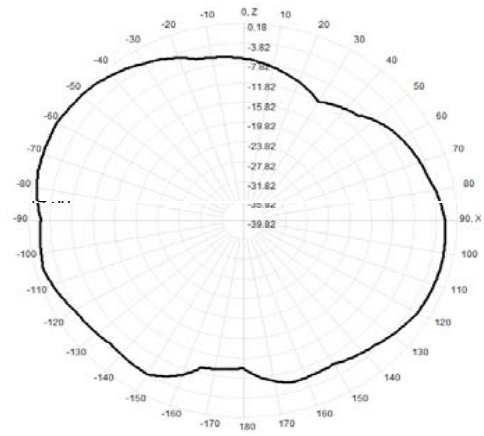
Total(H-XY), Max= -0.36dBi, CirD=3.16



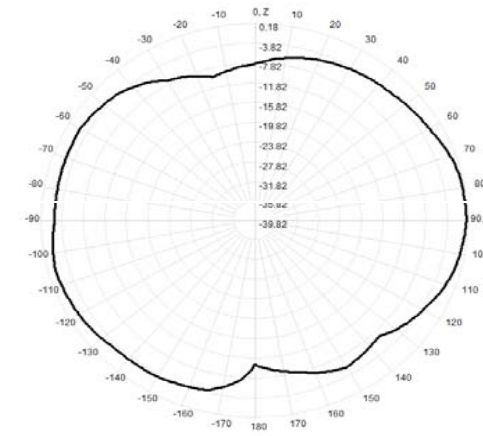
913.0MHz H+V, Eff: 52.4%



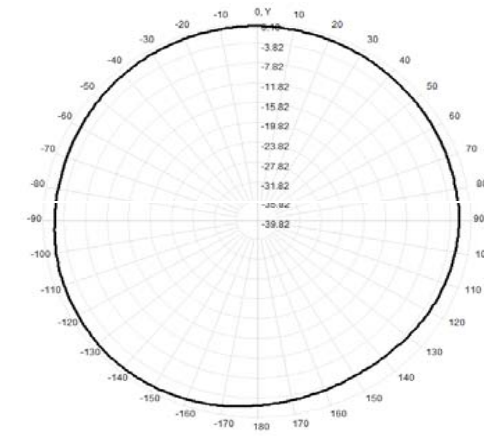
913.0MHz Total(E1-XZ), Max= 0.18dBi



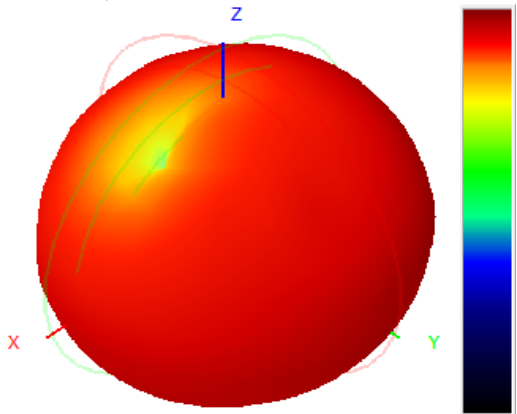
913.0MHz Total(E2-YZ), Max= -0.34dBi



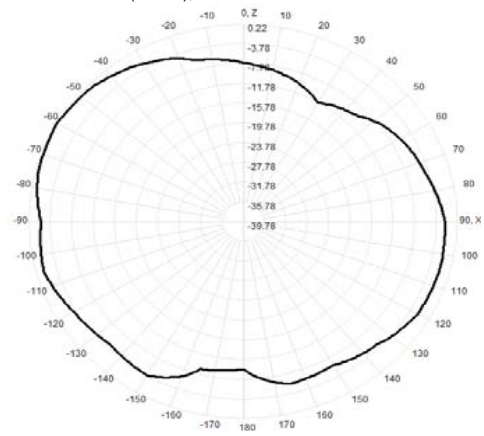
Total(H-XY), Max= -0.34dBi, CirD=3.23



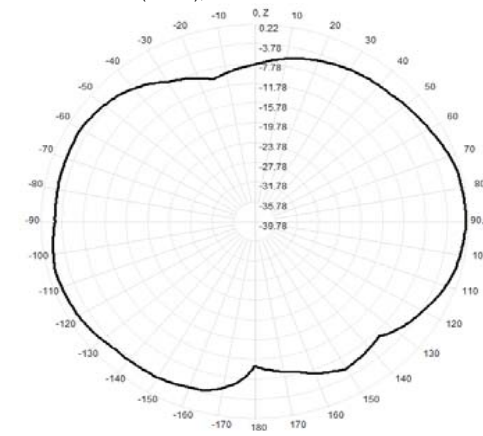
914.0MHz H+V, Eff: 52.2%



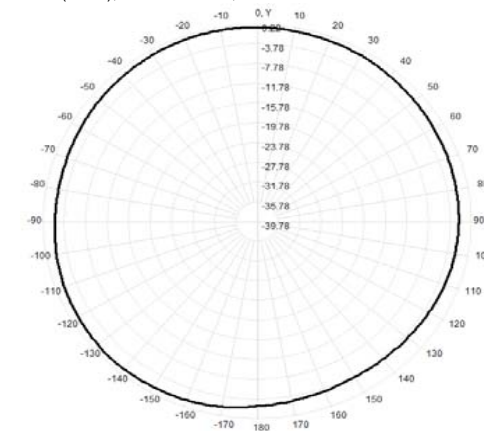
914.0MHz Total(E1-XZ), Max= 0.22dBi



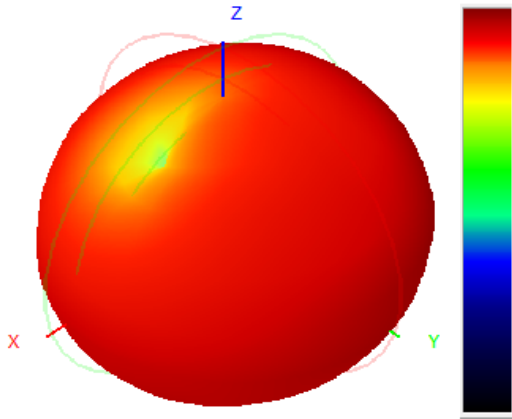
914.0MHz Total(E2-YZ), Max= -0.37dBi



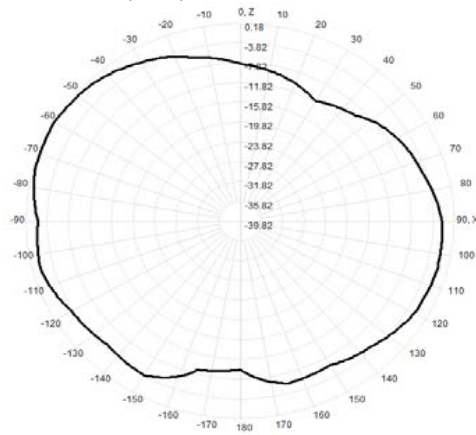
Total(H-XY), Max= -0.37dBi, CirD=3.17



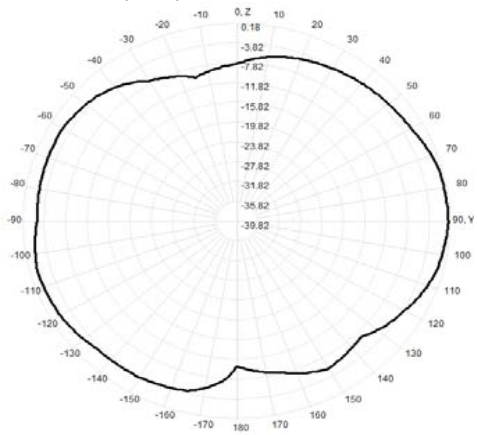
915.0MHz H+V, Eff: 52.1%



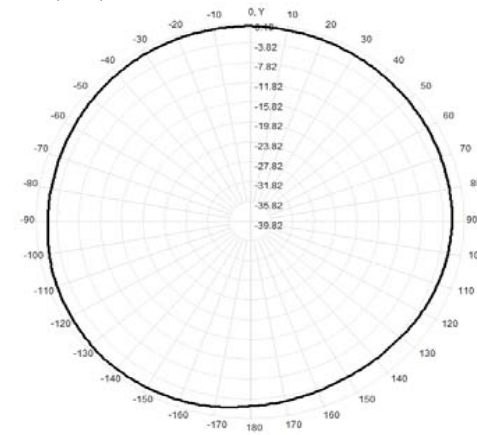
915.0MHz Total(E1-XZ), Max= 0.18dBi



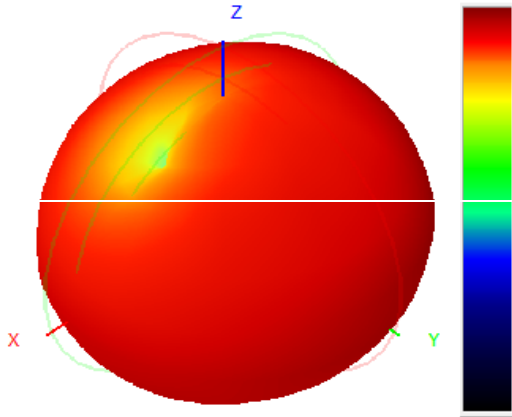
915.0MHz Total(E2-YZ), Max=- 0.38dBi



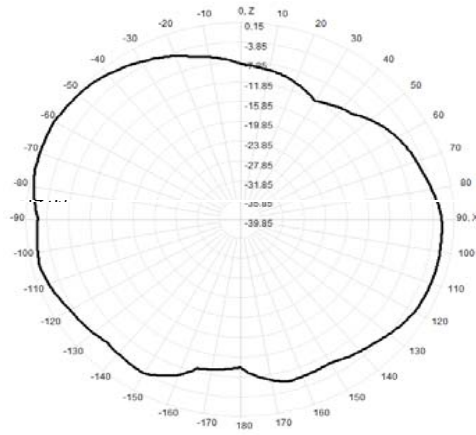
Total(H-XY), Max=- 0.38dBi, CirD=3.22



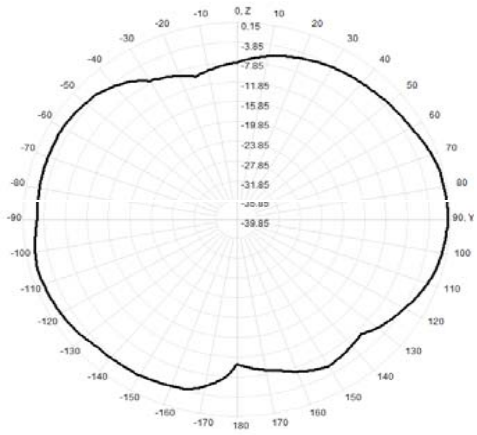
916.0MHz H+V, Eff: 51.7%



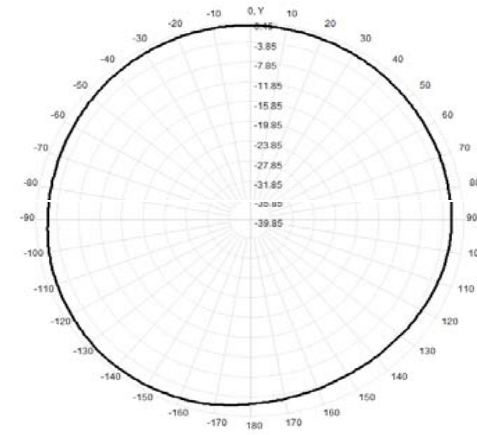
916.0MHz Total(E1-XZ), Max= 0.15dBi



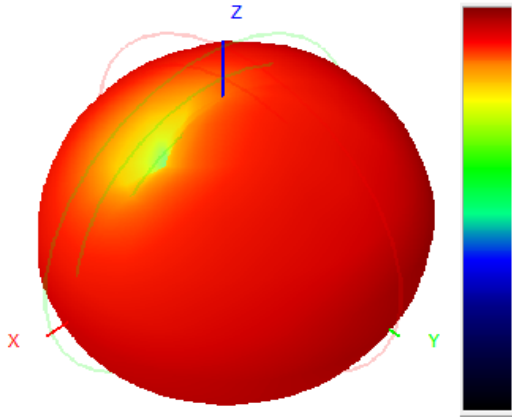
916.0MHz Total(E2-YZ), Max=- 0.43dBi



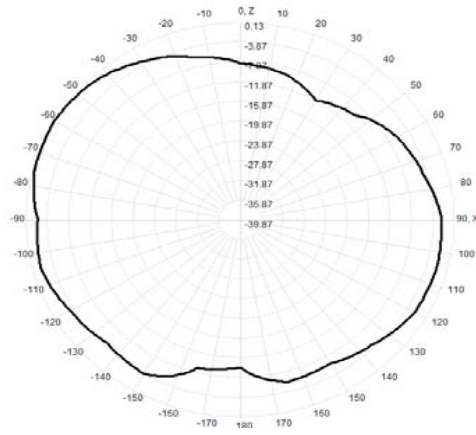
Total(H-XY), Max=- 0.43dBi, CirD=3.19



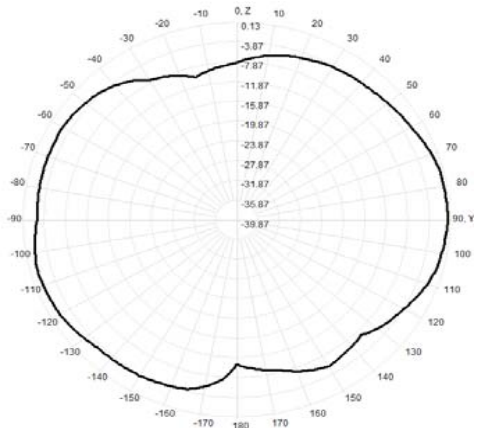
917.0MHz H+V, Eff: 51.5%



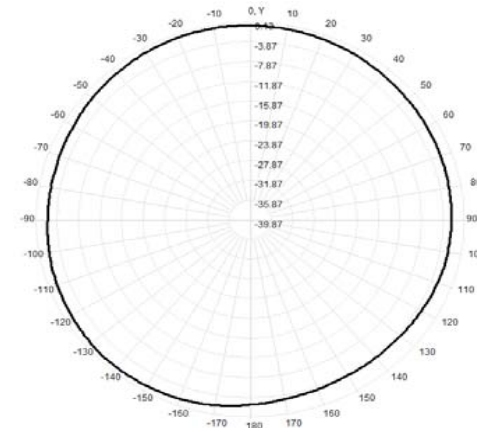
917.0MHz Total(E1-XZ), Max= 0.13dBi



917.0MHz Total(E2-YZ), Max=- 0.52dBi

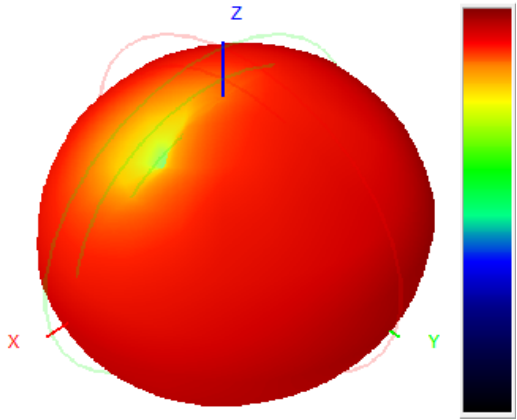


Total(H-XY), Max=- 0.49dBi, CirD=3.11

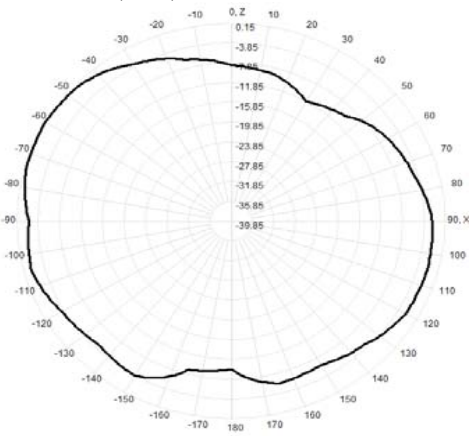




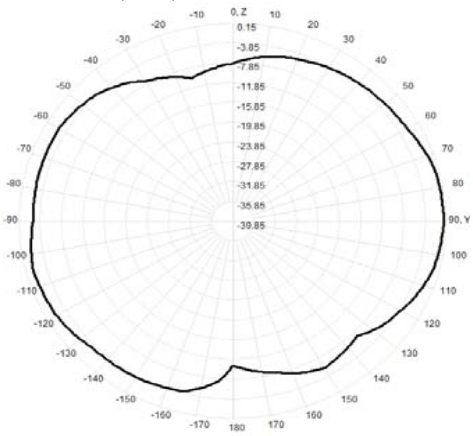
918.0MHz H+V, Eff: 51.6%



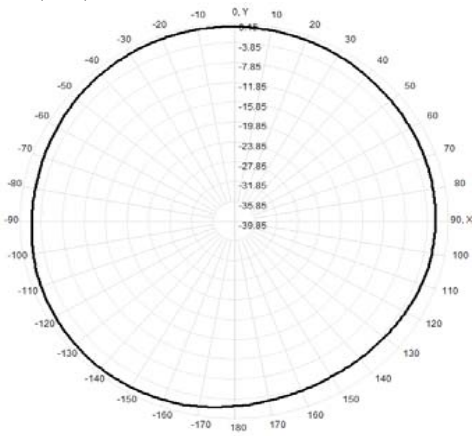
918.0MHz Total(E1-XZ), Max= 0.15dBi



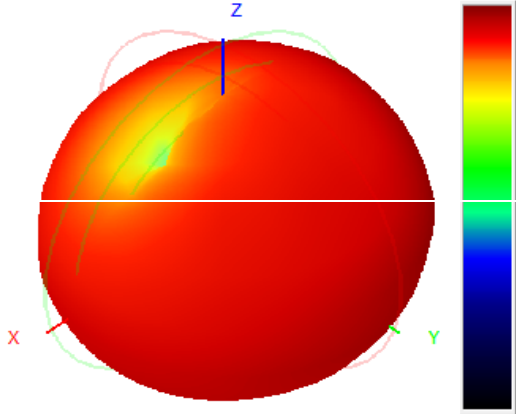
918.0MHz Total(E2-YZ), Max= -0.50dBi



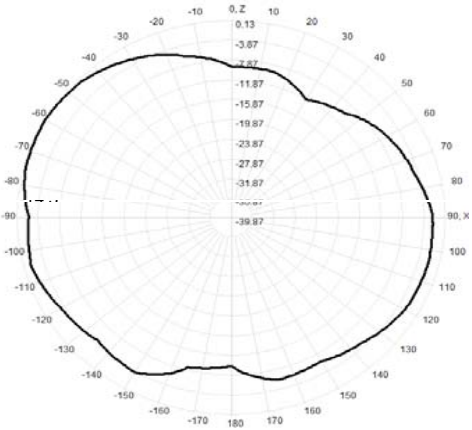
Total(H-XY), Max= -0.50dBi, CirD=3.17



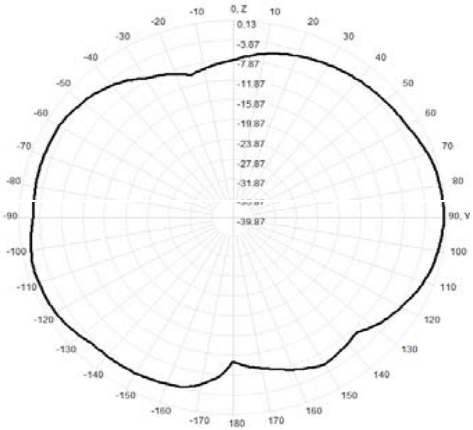
919.0MHz H+V, Eff: 51.6%



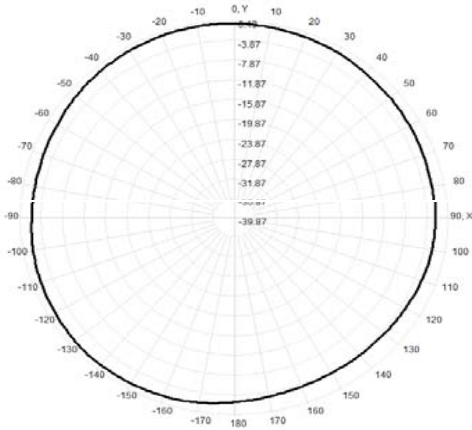
919.0MHz Total(E1-XZ), Max= 0.13dBi



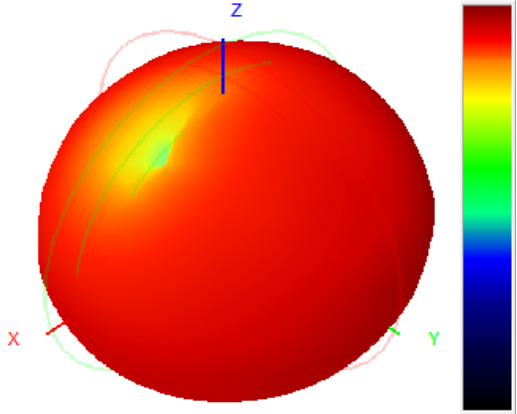
919.0MHz Total(E2-YZ), Max= -0.45dBi



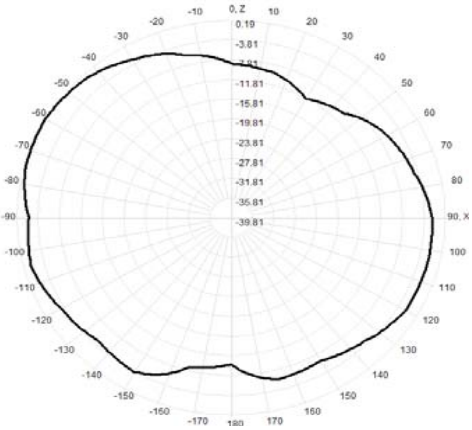
Total(H-XY), Max= -0.45dBi, CirD=3.21



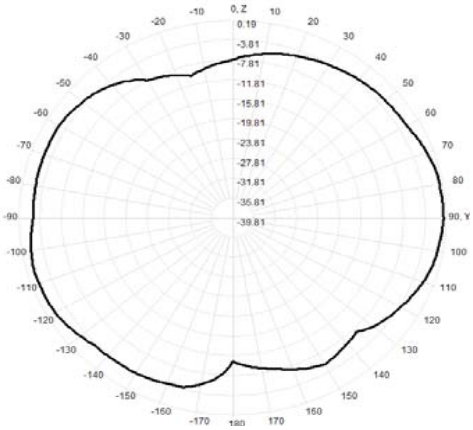
920.0MHz H+V, Eff: 51.8%



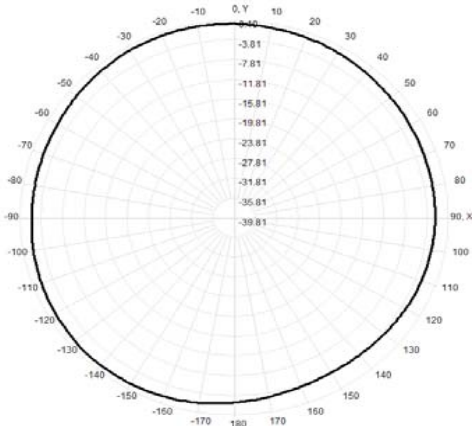
920.0MHz Total(E1-XZ), Max= 0.19dBi



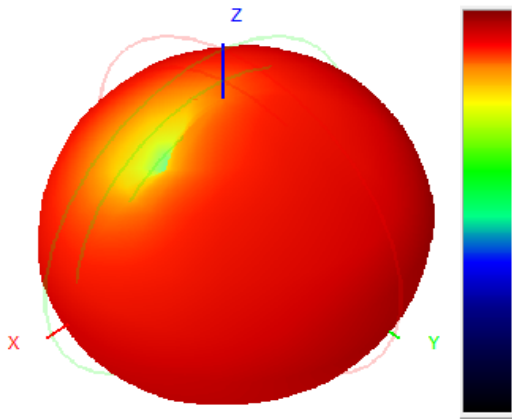
920.0MHz Total(E2-YZ), Max= -0.51dBi



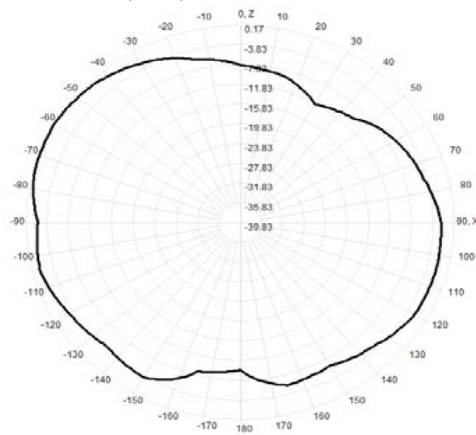
Total(H-XY), Max= -0.47dBi, CirD=3.29



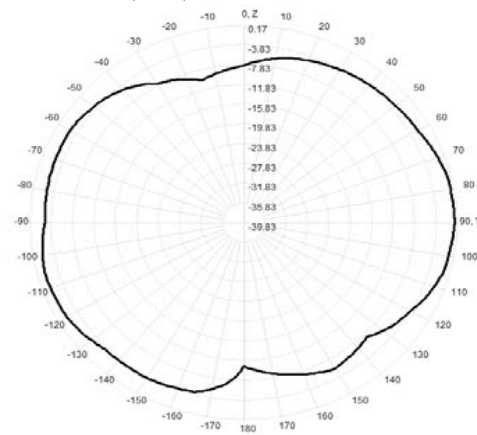
921.0MHz H+V, Eff: 51.7%



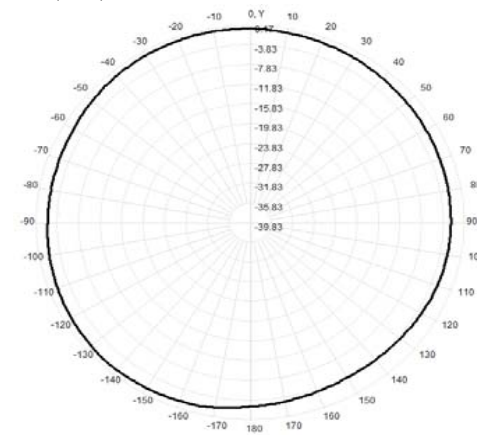
921.0MHz Total(E1-XZ), Max= 0.17dBi



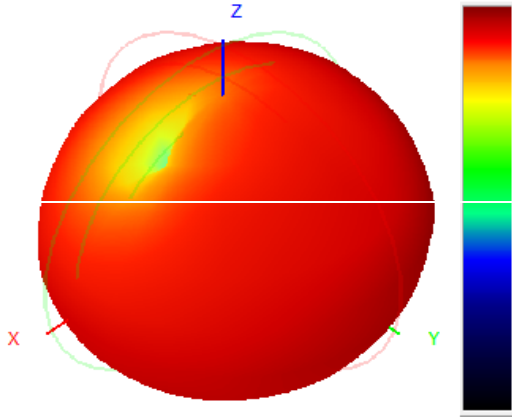
921.0MHz Total(E2-YZ), Max= -0.52dBi



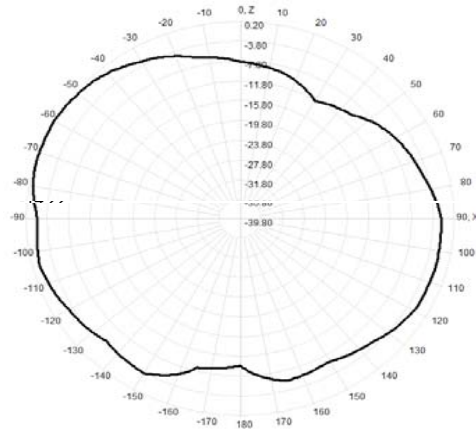
Total(H-XY), Max= -0.51dBi, CirD=3.23



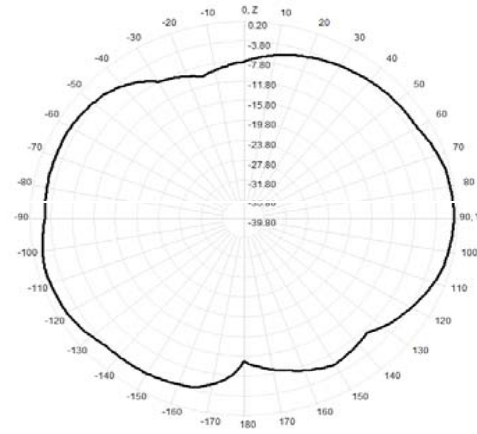
922.0MHz H+V, Eff: 51.6%



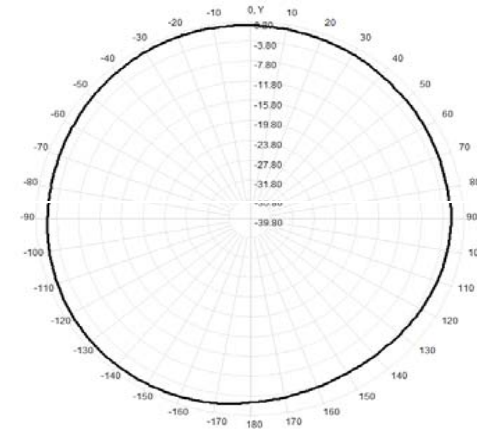
922.0MHz Total(E1-XZ), Max= 0.20dBi



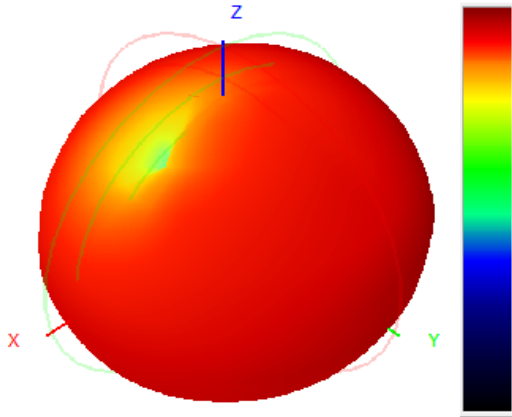
922.0MHz Total(E2-YZ), Max= -0.55dBi



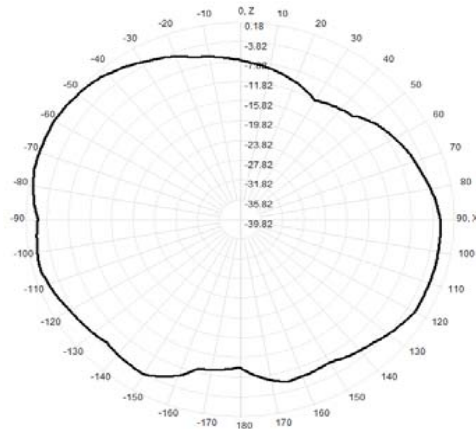
Total(H-XY), Max= -0.51dBi, CirD=3.26



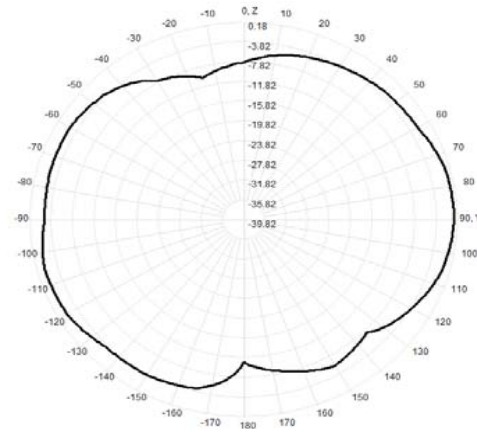
923.0MHz H+V, Eff: 51.4%



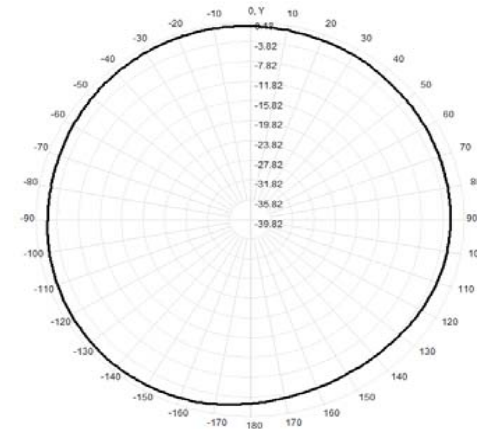
923.0MHz Total(E1-XZ), Max= 0.18dBi



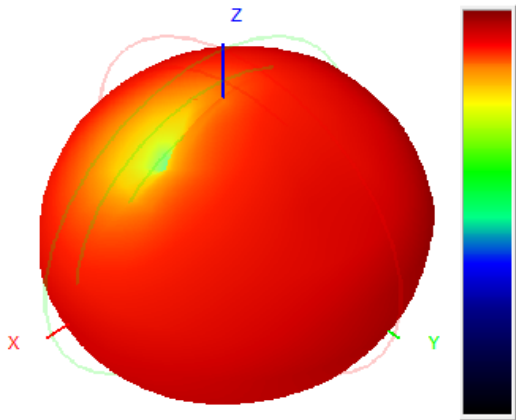
923.0MHz Total(E2-YZ), Max= -0.57dBi



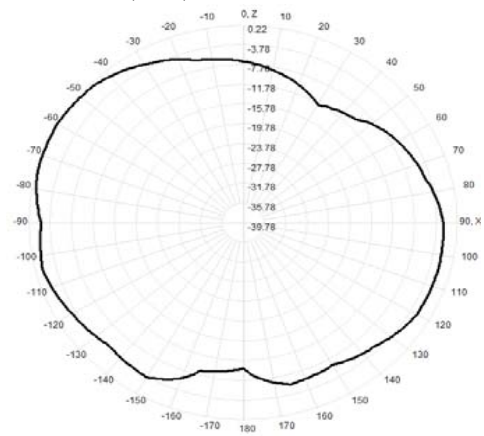
Total(H-XY), Max= -0.53dBi, CirD=3.29



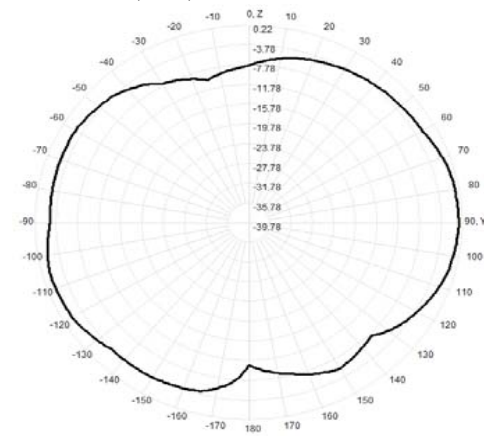
924.0MHz H+V, Eff: 51.3%



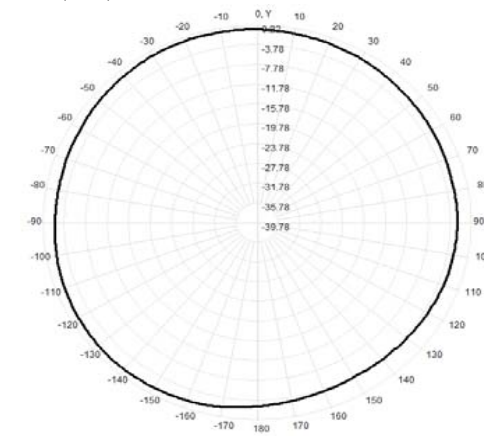
924.0MHz Total(E1-XZ), Max= 0.22dBi



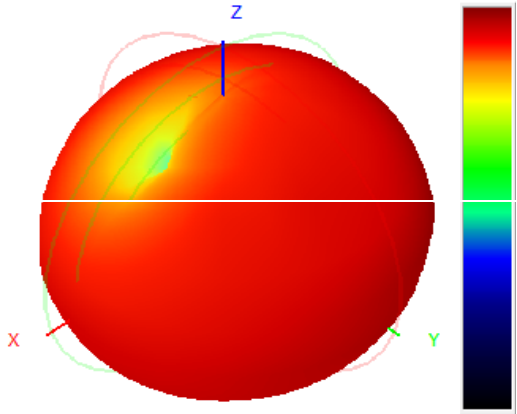
924.0MHz Total(E2-YZ), Max= -0.60dBi



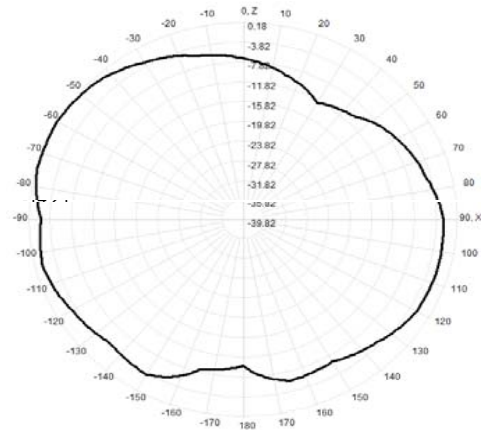
Total(H-XY), Max= -0.56dBi, CirD=3.23



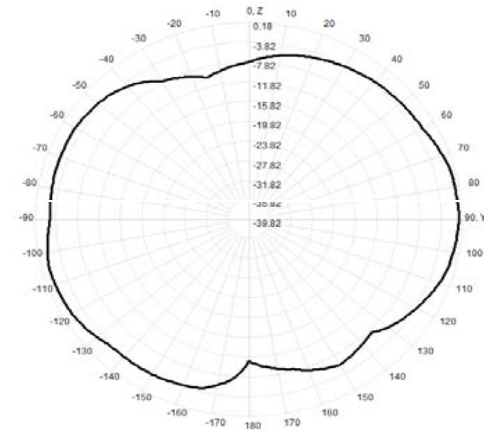
925.0MHz H+V, Eff: 51.0%



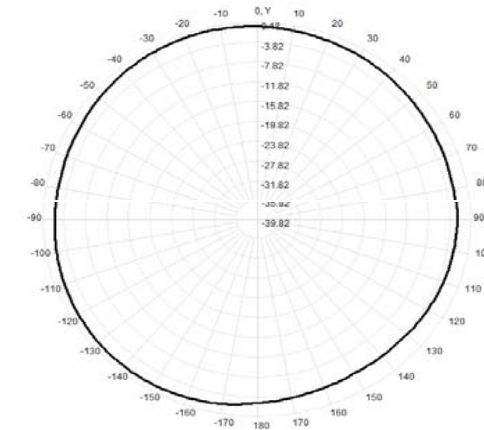
925.0MHz Total(E1-XZ), Max= 0.18dBi



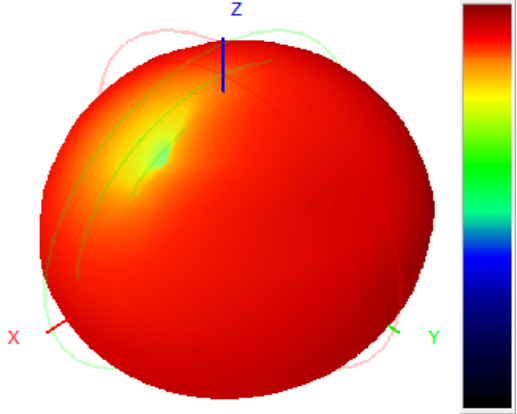
925.0MHz Total(E2-YZ), Max= -0.64dBi



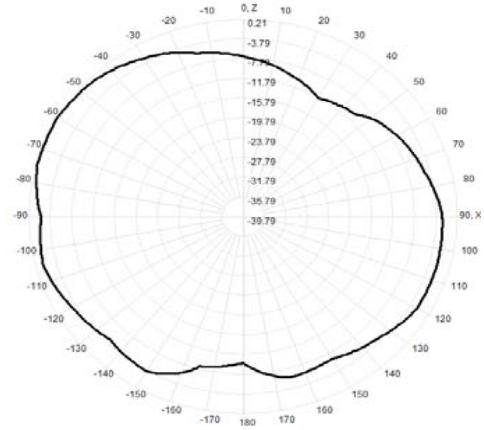
Total(H-XY), Max= -0.56dBi, CirD=3.31



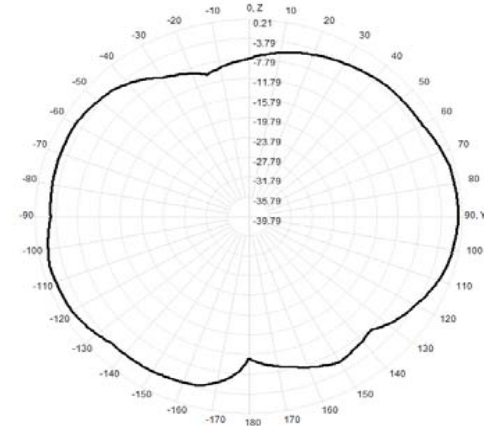
926.0MHz H+V, Eff: 50.8%



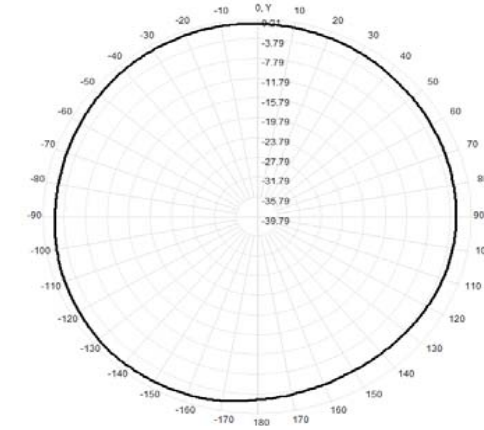
926.0MHz Total(E1-XZ), Max= 0.21dBi



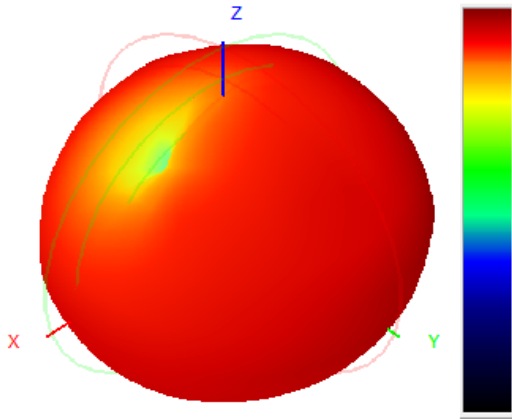
926.0MHz Total(E2-YZ), Max= -0.69dBi



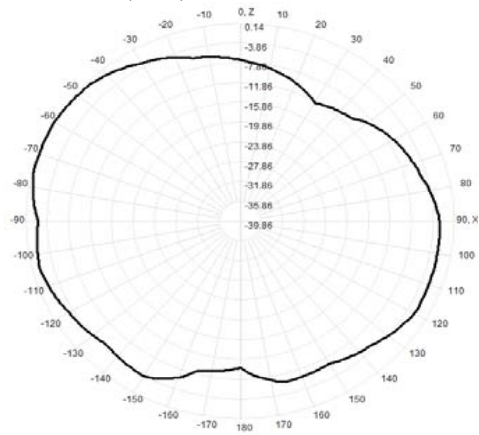
Total(H-XY), Max= -0.59dBi, CirD=3.30



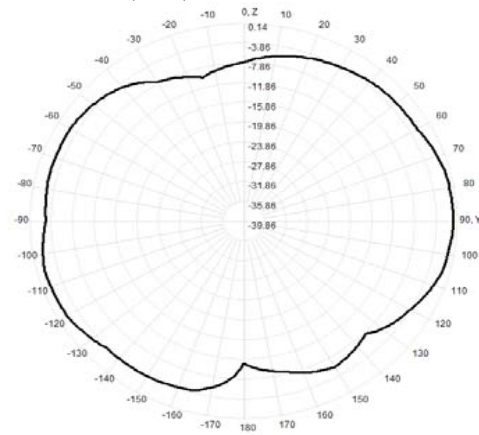
927.0MHz H+V, Eff: 50.5%



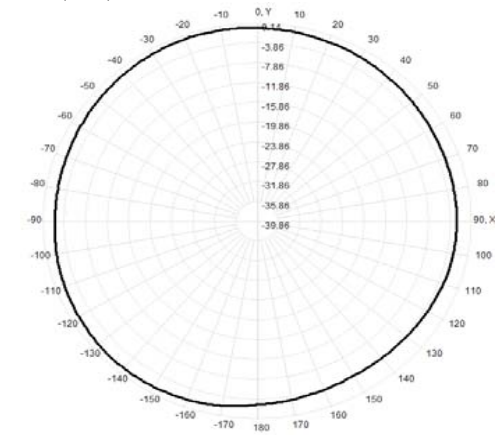
927.0MHz Total(E1-XZ), Max= 0.14dBi



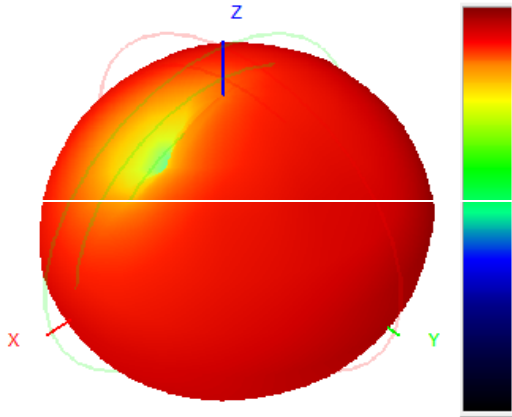
927.0MHz Total(E2-YZ), Max= -0.75dBi



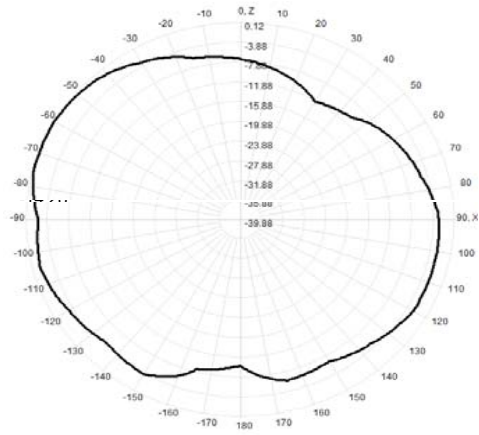
Total(H-XY), Max= -0.64dBi, CirD=3.32



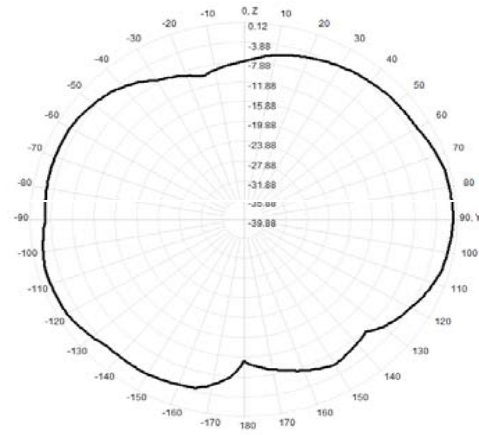
928.0MHz H+V, Eff: 49.8%



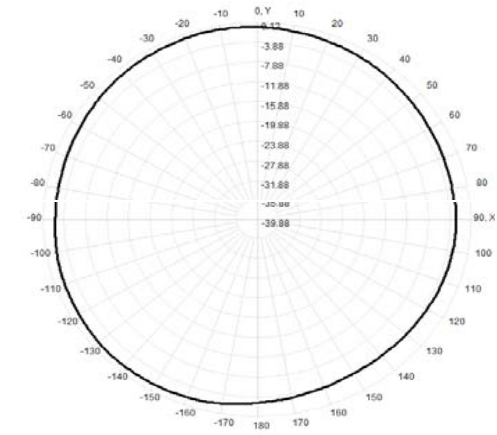
928.0MHz Total(E1-XZ), Max= 0.12dBi



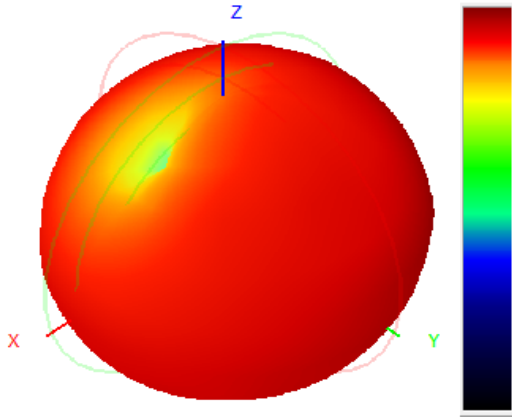
928.0MHz Total(E2-YZ), Max= -0.81dBi



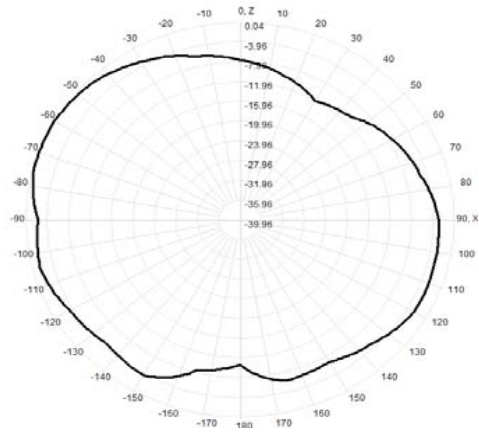
Total(H-XY), Max= -0.69dBi, CirD=3.30



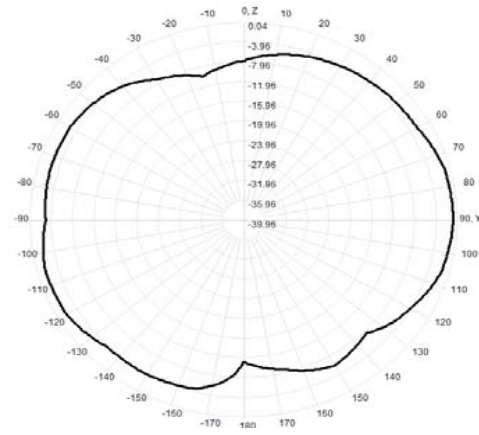
929.0MHz H+V, Eff: 49.0%



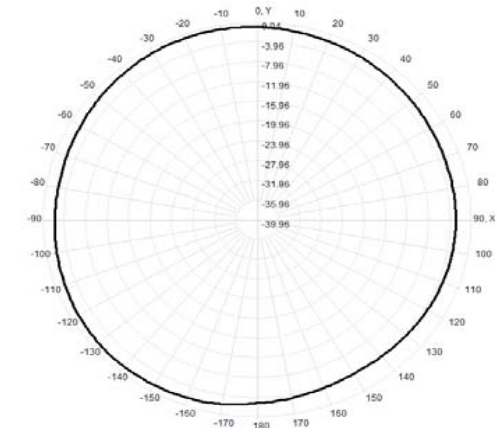
929.0MHz Total(E1-XZ), Max= 0.04dBi



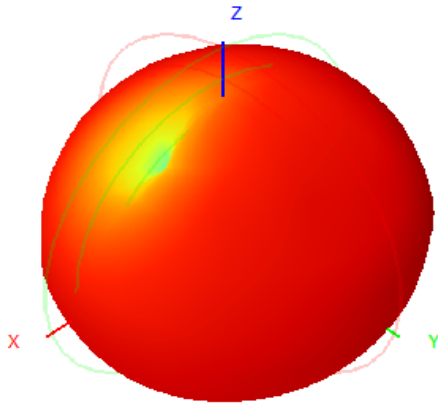
929.0MHz Total(E2-YZ), Max= -0.89dBi



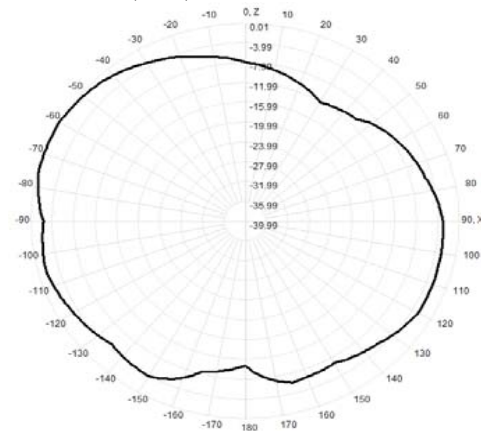
Total(H-XY), Max= -0.75dBi, CirD=3.37



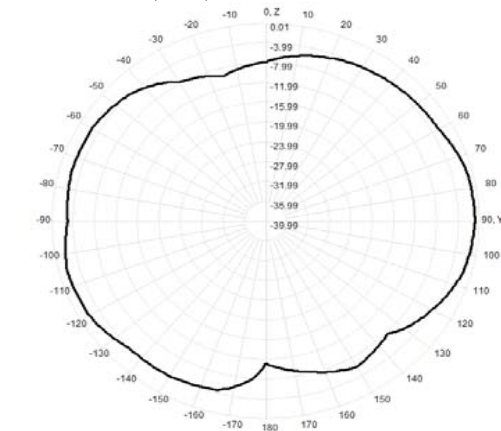
930.0MHz H+V, Eff: 48.1%



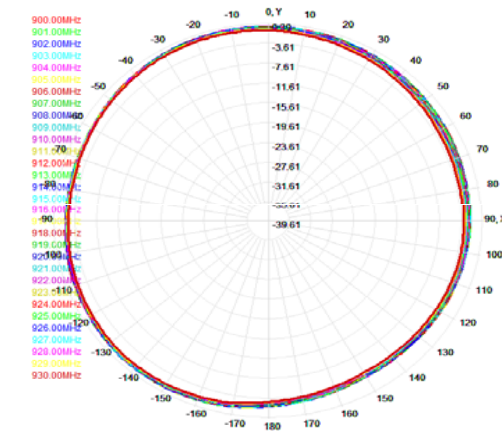
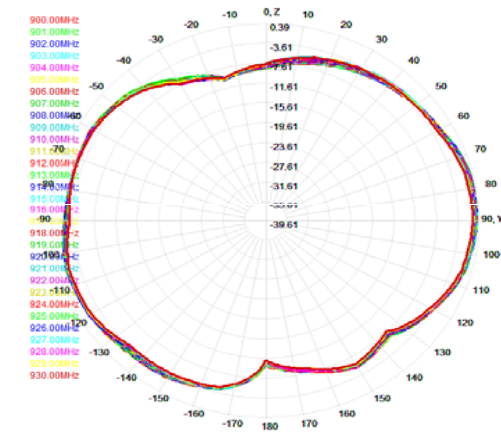
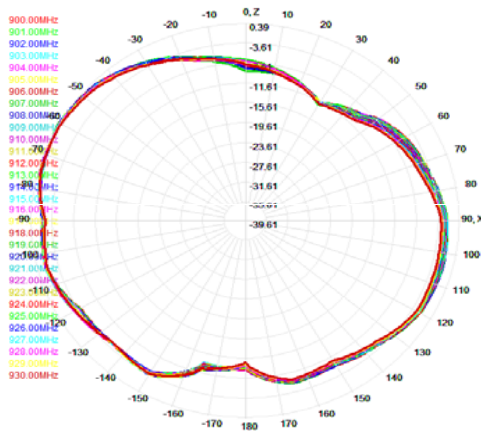
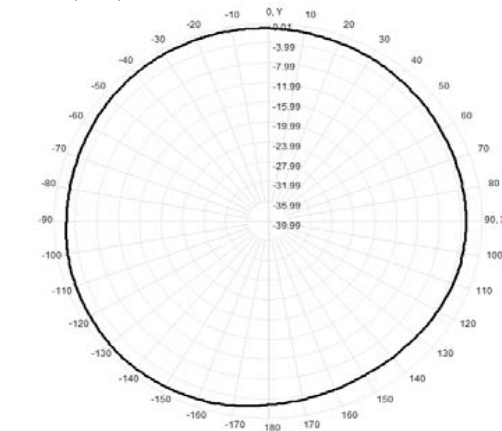
930.0MHz Total(E1-XZ), Max= 0.01dBi



930.0MHz Total(E2-YZ), Max= -0.98dBi



Total(H-XY), Max= -0.88dBi, CirD=3.27



Lora Antenna

