

东莞市森泰电子有限公司

Dongguan MiaoTEC Electronics Co.,Ltd.

承认书

Specification For Approval

品名

(DESCRIPTION):

RF Antenna ASSEMBLY

1.13 Cable 黑色 L50mm + 2.4/5.8G FPC+IPEX PLUG

客户料號

(PART NO):

CP0850

料 號

(PART NO):

500101-00110-016R

送樣日期

(DATE):

2025. 02. 19

版本

Revision:

A1

承認號碼

(APPROVED NO):

MT. 承-250219-002

CUSTOMER APPROVED BY

APPROVAL	CHIEF	SUPERVISOR

SUPPLIER SIGNATURE

APPROVAL	CHECK	DESIGN

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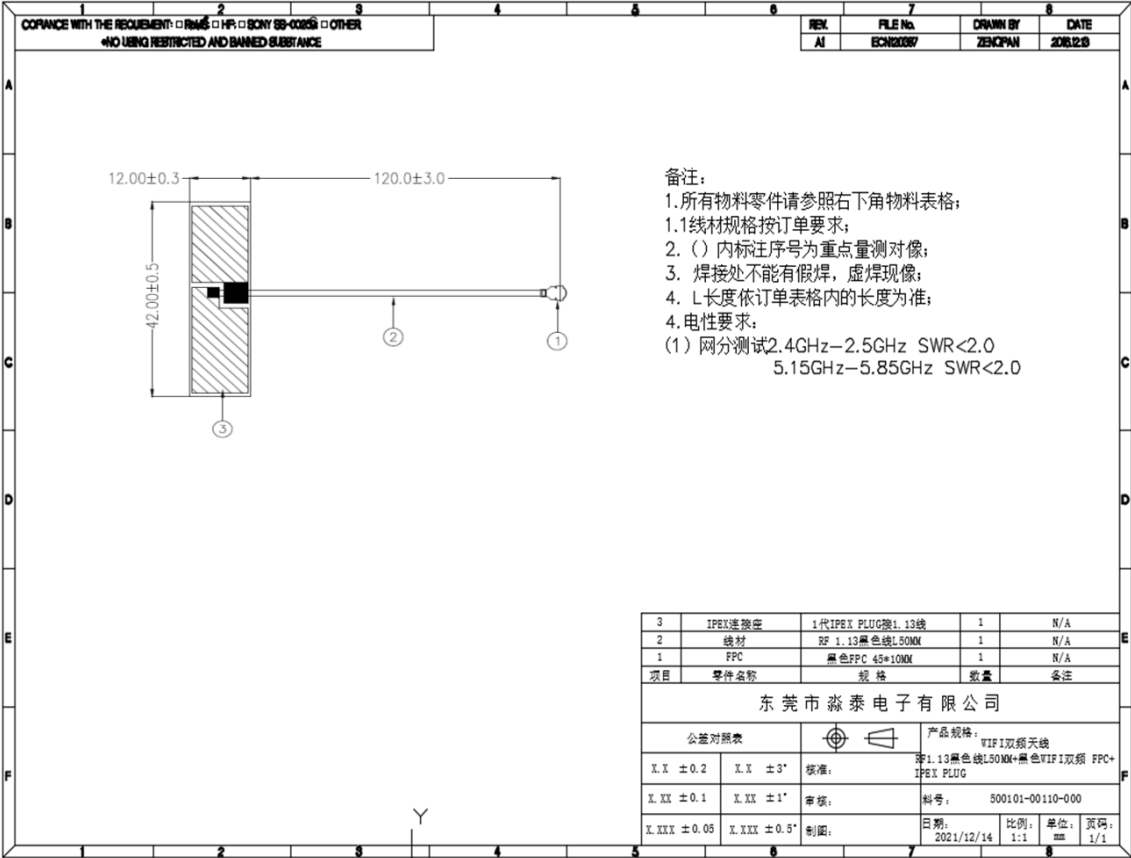
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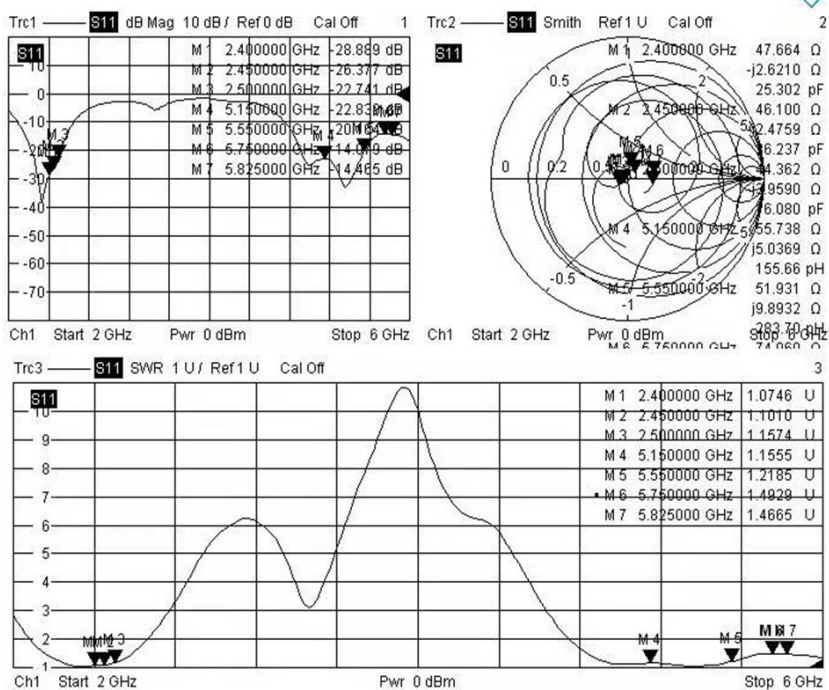
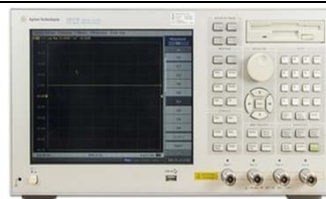
产品图纸
Product drawing

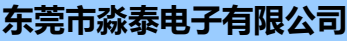


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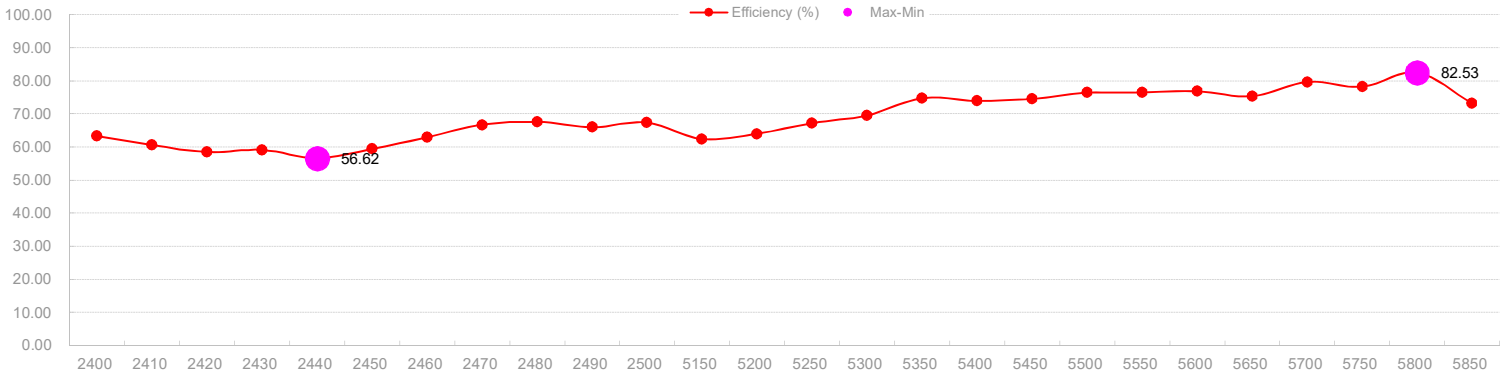
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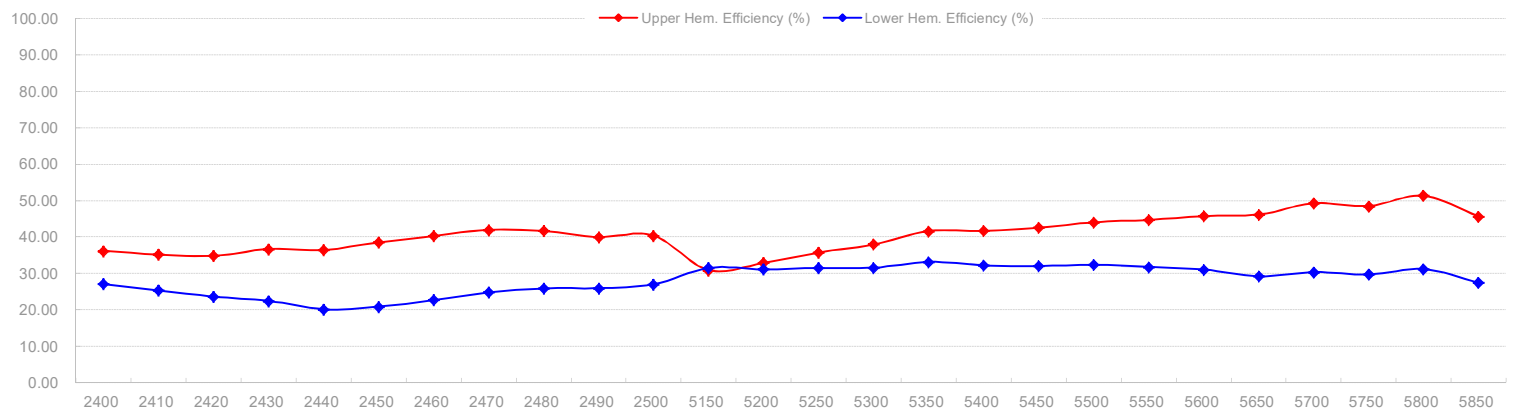
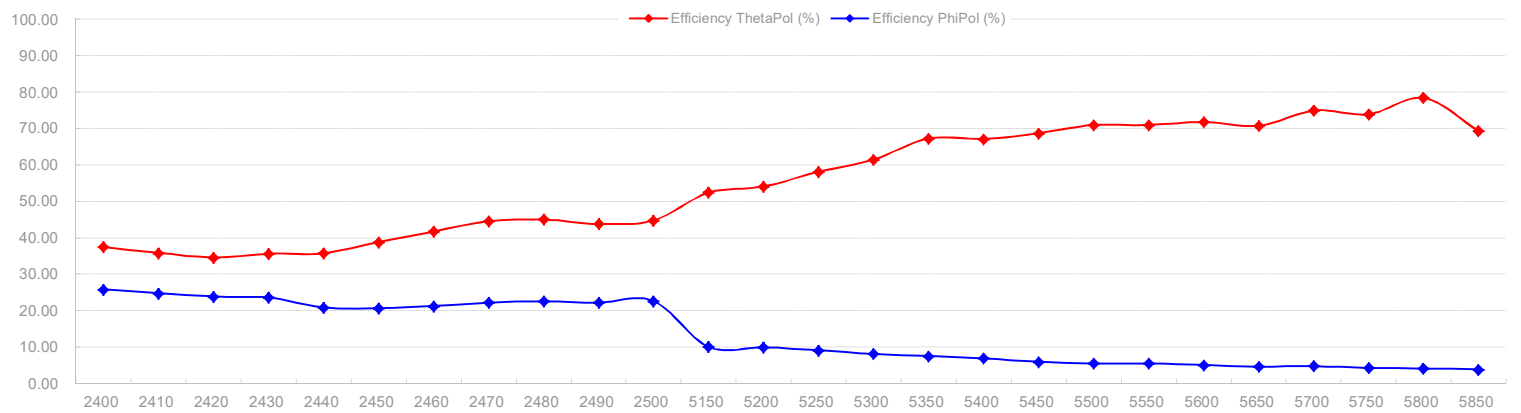
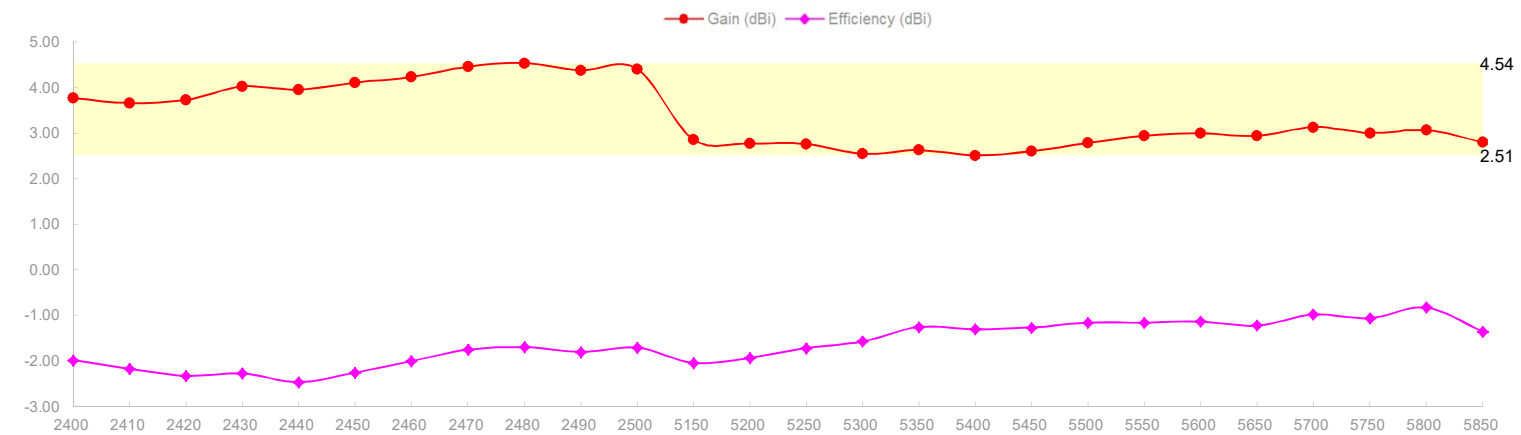
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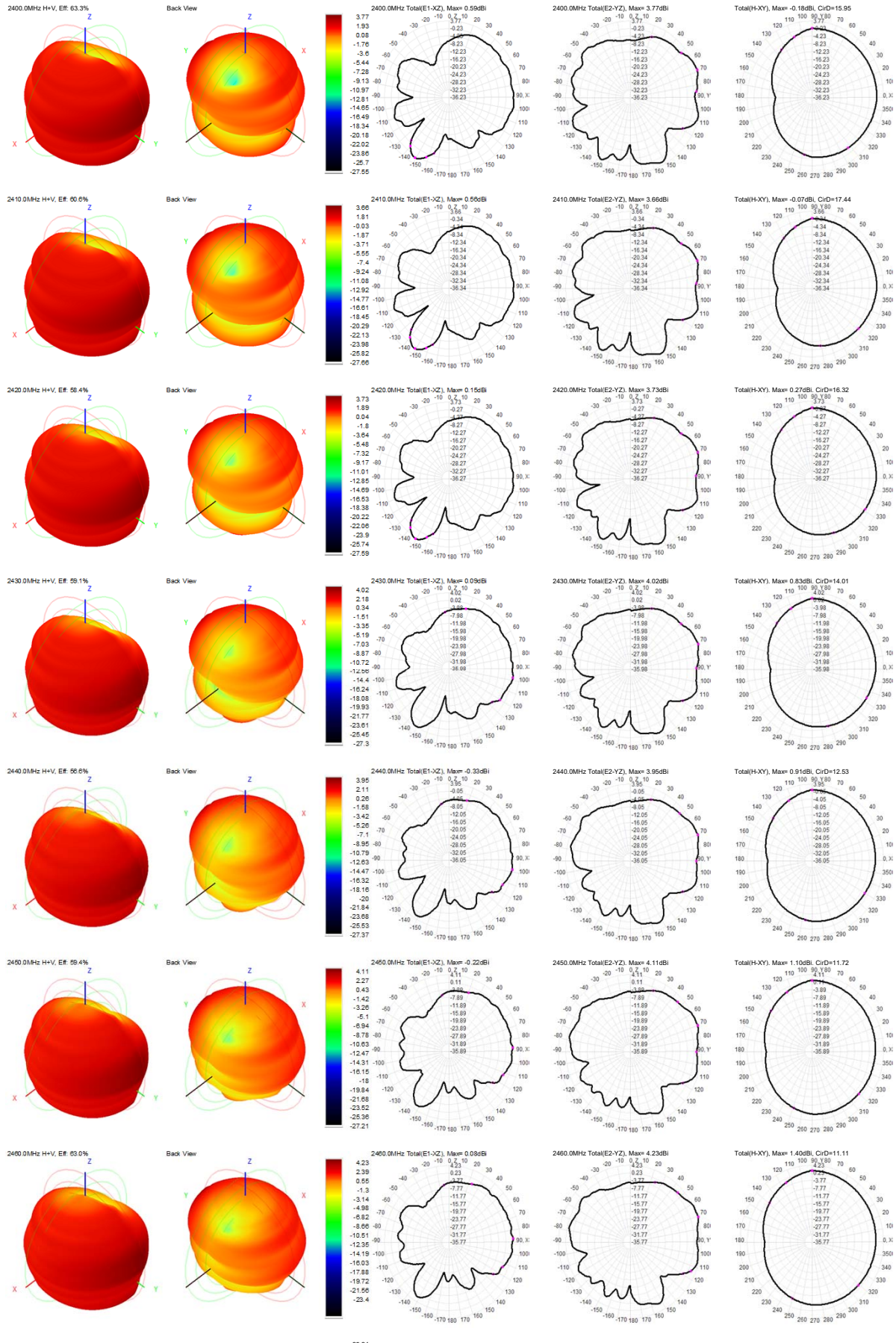




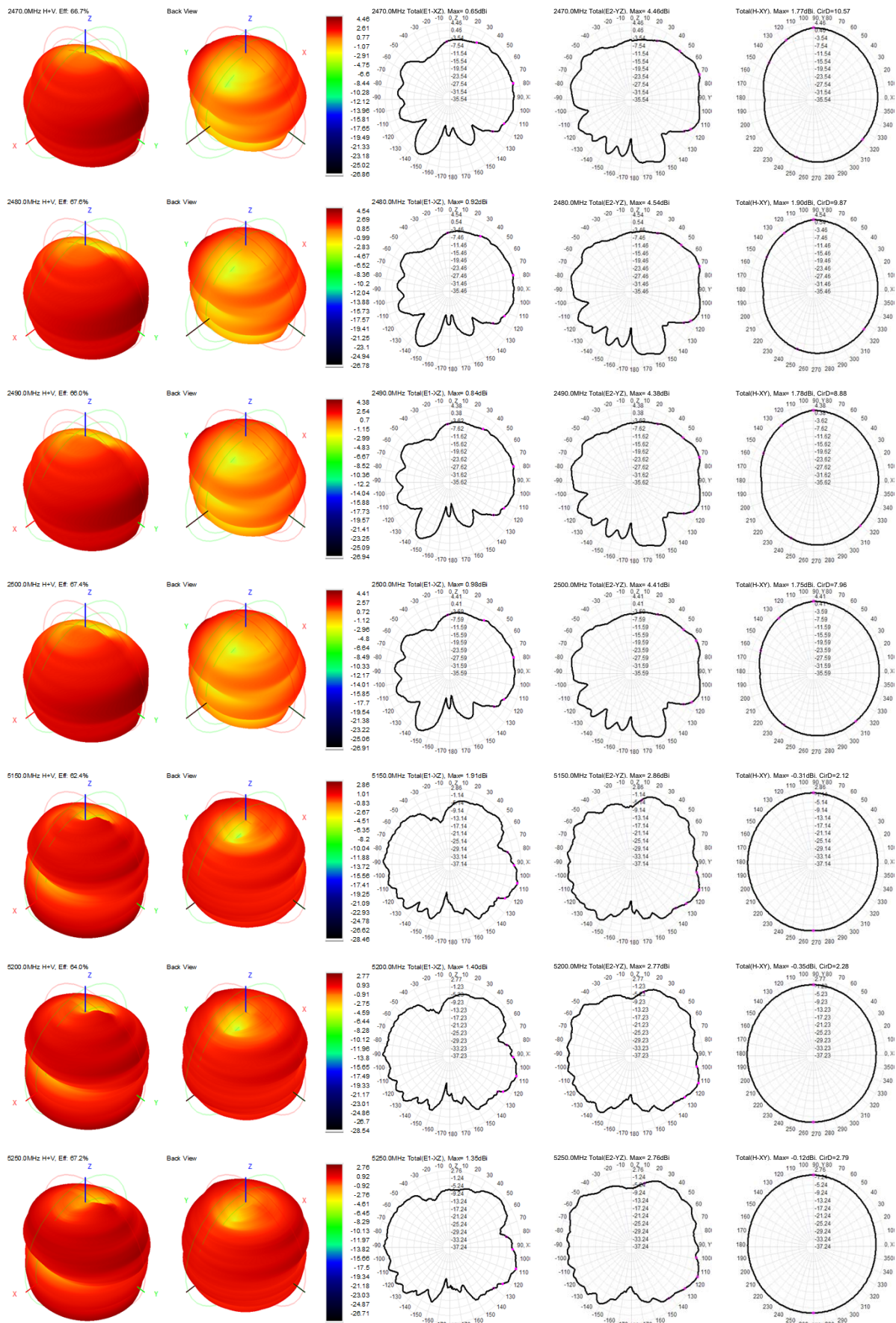
T90(H)圆度	15.95	17.44	16.32	14.01	12.53	11.72	11.11	10.57	9.87	8.88	7.96	2.12	2.28	2.79	2.78	1.74	1.79	1.99	1.92	2.03	2.10	2.35	3.06	3.38	3.56	4.42
Gain 15deg (dBi)																										
E1(XZ)波瓣宽度	18.00	18.00	18.00	103.00	95.00	92.00	90.00	86.00	82.00	80.00	79.00	29.00	31.00	31.00	32.00	32.00	38.00	38.00	68.00	65.00	63.00	62.00	63.00	65.00	66.00	67.00
E1(XZ)前后比	0.03	0.05	0.04	0.74	1.79	2.50	2.81	3.16	3.24	2.96	2.55	6.21	6.45	7.13	7.70	8.59	9.32	9.23	10.04	9.93	9.79	10.03	9.15	8.21	7.23	6.14
E2(YZ)波瓣宽度	34.00	35.00	37.00	39.00	42.00	44.00	68.00	68.00	66.00	63.00	62.00	27.00	27.00	27.00	27.00	28.00	24.00	23.00	44.00	44.00	44.00	43.00	44.00	53.00	63.00	61.00
E2(YZ)前后比	1.88	2.09	2.53	3.23	3.98	4.33	4.22	3.97	3.77	3.52	3.36	6.45	5.97	5.83	5.55	6.15	6.69	7.11	7.57	7.75	8.53	9.52	9.13	9.06	8.32	8.34
最大增益处轴比(P)	19.28	12.85	8.08	10.23	29.40	13.91	11.85	9.81	7.94	6.41	7.30	16.07	12.45	9.29	8.81	8.25	7.10	5.65	24.43	32.91	28.56	22.45	14.92	15.49	39.15	23.40
顶点(Theta=0)处轴比(P)	2.21	0.61	3.82	6.99	9.53	11.20	12.58	14.58	17.21	23.41	46.14	7.68	20.86	47.16	21.00	25.95	11.87	7.80	3.80	2.89	4.41	9.15	12.39	12.85	11.23	8.79
仰角10度最差(大)轴比(P)	53.49	81.98	45.57	56.50	47.62	50.17	50.89	58.92	52.99	53.41	52.10	71.88	56.76	51.91	64.21	61.70	63.73	52.51	58.20	55.25	73.24	57.77	60.09	55.63	50.66	57.24
Hc(XY)波瓣宽度	160.00	145.00	135.00	136.00	142.00	154.00	156.00	153.00	153.00	162.00	171.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	360.00	358.00	340.00	332.00	298.00
Hc(XY)前后比	3.42	4.55	5.47	5.21	4.23	3.64	3.62	3.87	4.02	3.81	3.61	1.60	1.62	2.14	1.97	1.00	0.97	0.92	0.73	0.62	0.44	0.09	0.01	0.08	0.14	0.19
左旋圆极化效率(%)	39.92	38.97	37.89	37.76	34.94	35.47	37.06	38.99	39.04	37.33	37.35	31.56	32.77	35.08	35.88	38.03	37.91	38.66	40.58	41.75	42.13	40.13	41.84	40.63	41.62	36.16
右旋圆极化效率(%)	23.34	21.59	20.56	21.39	21.68	23.95	25.95	27.73	28.54	28.64	30.04	30.86	31.23	32.17	33.67	36.77	36.07	35.94	35.83	34.75	34.74	35.22	37.82	37.58	40.90	36.98

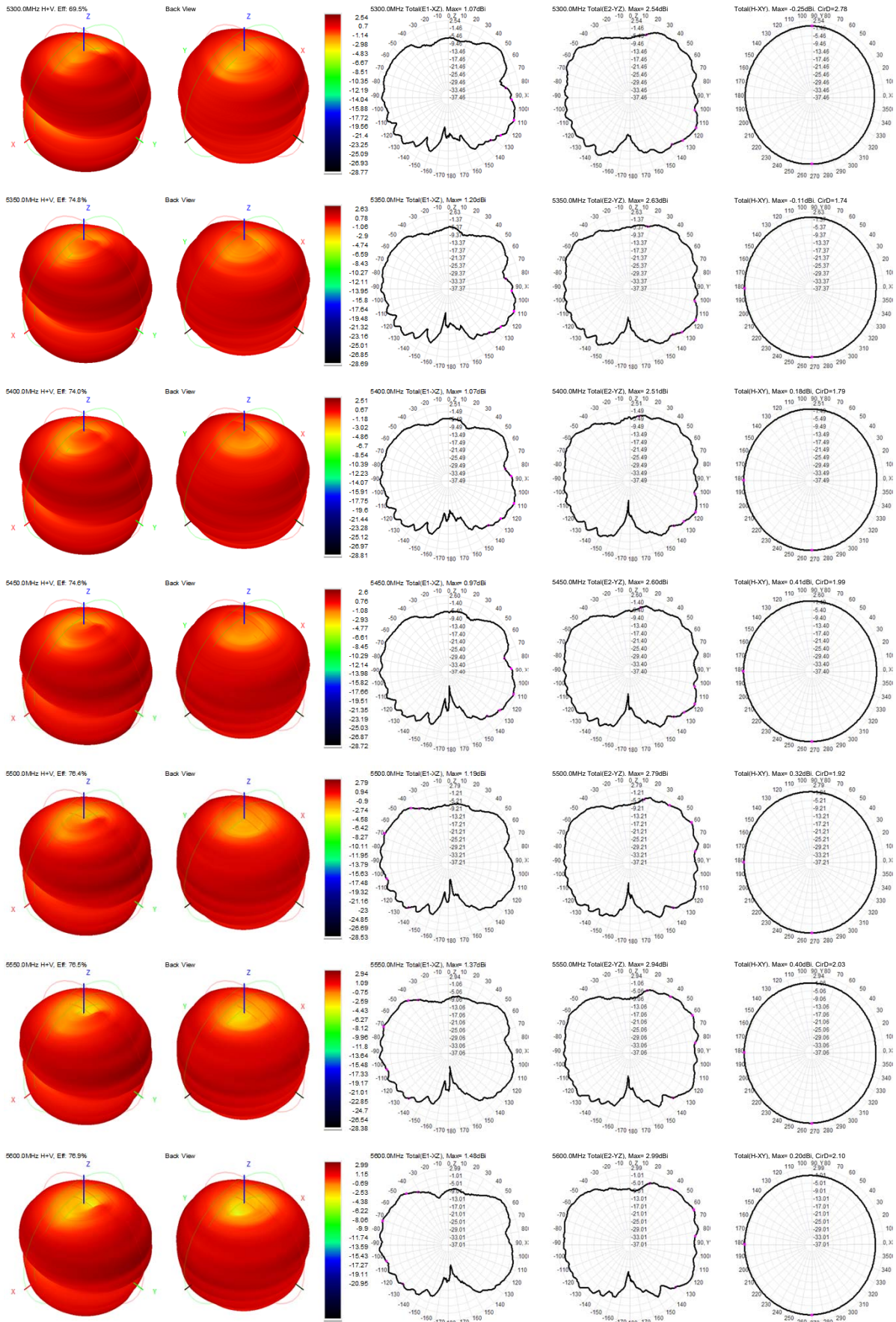






-25.24
-27.09

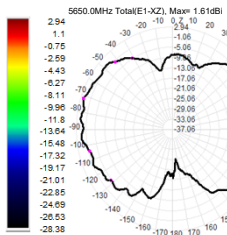
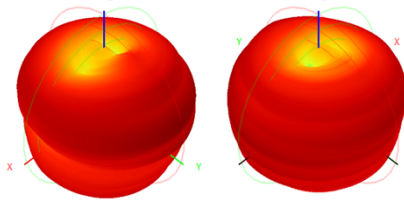




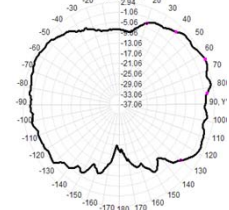
-26.48
-28.32

5650.0MHz H+V, Ef: 75.4%

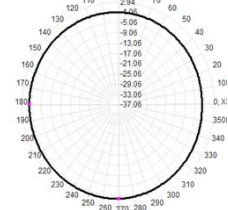
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5650.0MHz Total(E2-YZ), Max=2.94dBi

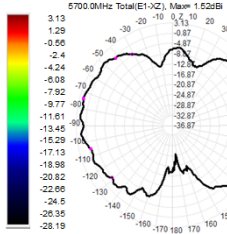
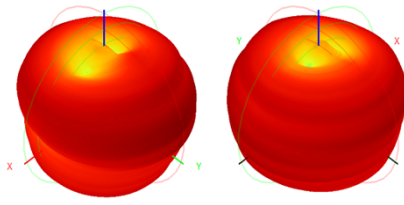


Total(H-XY), Max= -0.19dBi, CirD=2.35

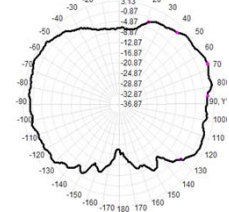


5700.0MHz H+V, Ef: 79.7%

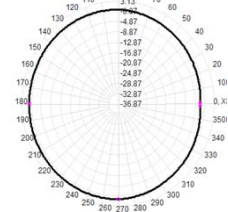
Back View



5700.0MHz Total(E2-YZ), Max=3.13dBi

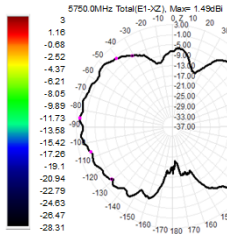
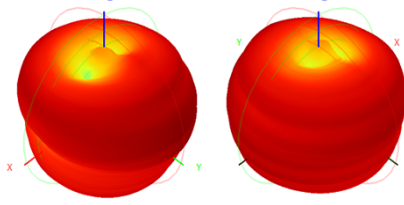


Total(H-XY), Max= 0.09dBi, CirD=3.06

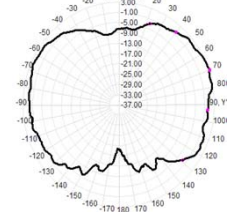


5750.0MHz H+V, Ef: 78.2%

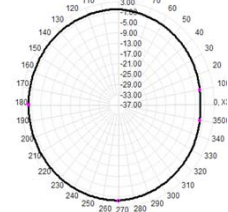
Back View



5750.0MHz Total(E2-YZ), Max=3.00dBi

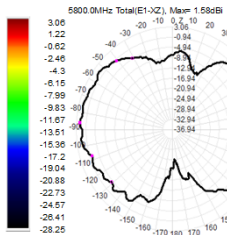
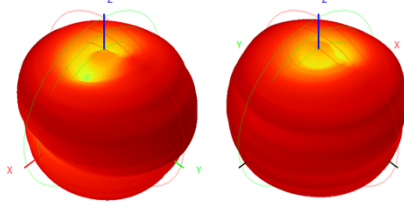


Total(H-XY), Max= 0.09dBi, CirD=3.38

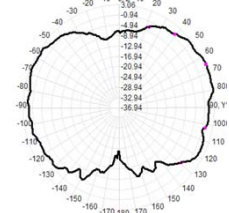


5800.0MHz H+V, Ef: 82.5%

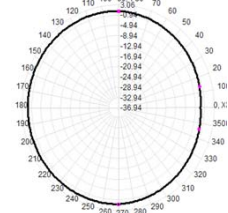
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5800.0MHz Total(E2-YZ), Max=3.06dBi

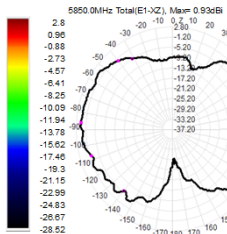
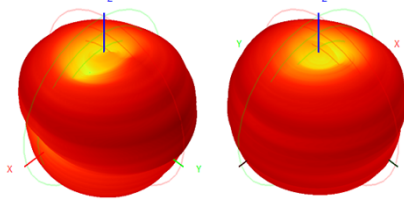


Total(H-XY), Max= 0.60dBi, CirD=3.56

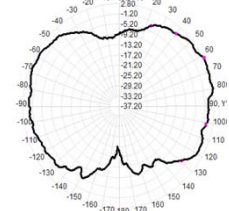


5850.0MHz H+V, Ef: 73.1%

Back View



5850.0MHz Total(E2-YZ), Max=2.80dBi



Total(H-XY), Max= 0.39dBi, CirD=4.42

