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物料编码/Part No: 2. 1. 09. 12. 003301

物料型号/Model: A30_C BT



The A30 C antenna is a 2400-2500MH single band BT functional antenna

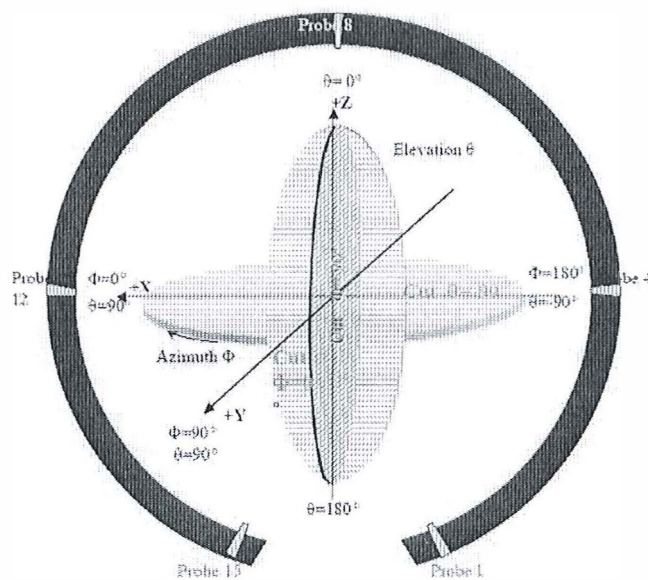
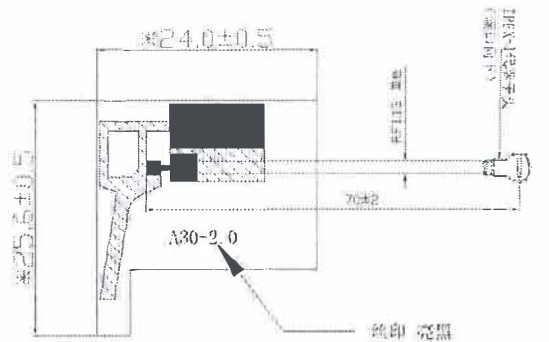
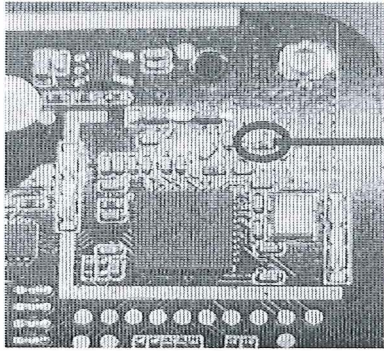


图 1 3D 微波暗室测试坐标系 (back view)

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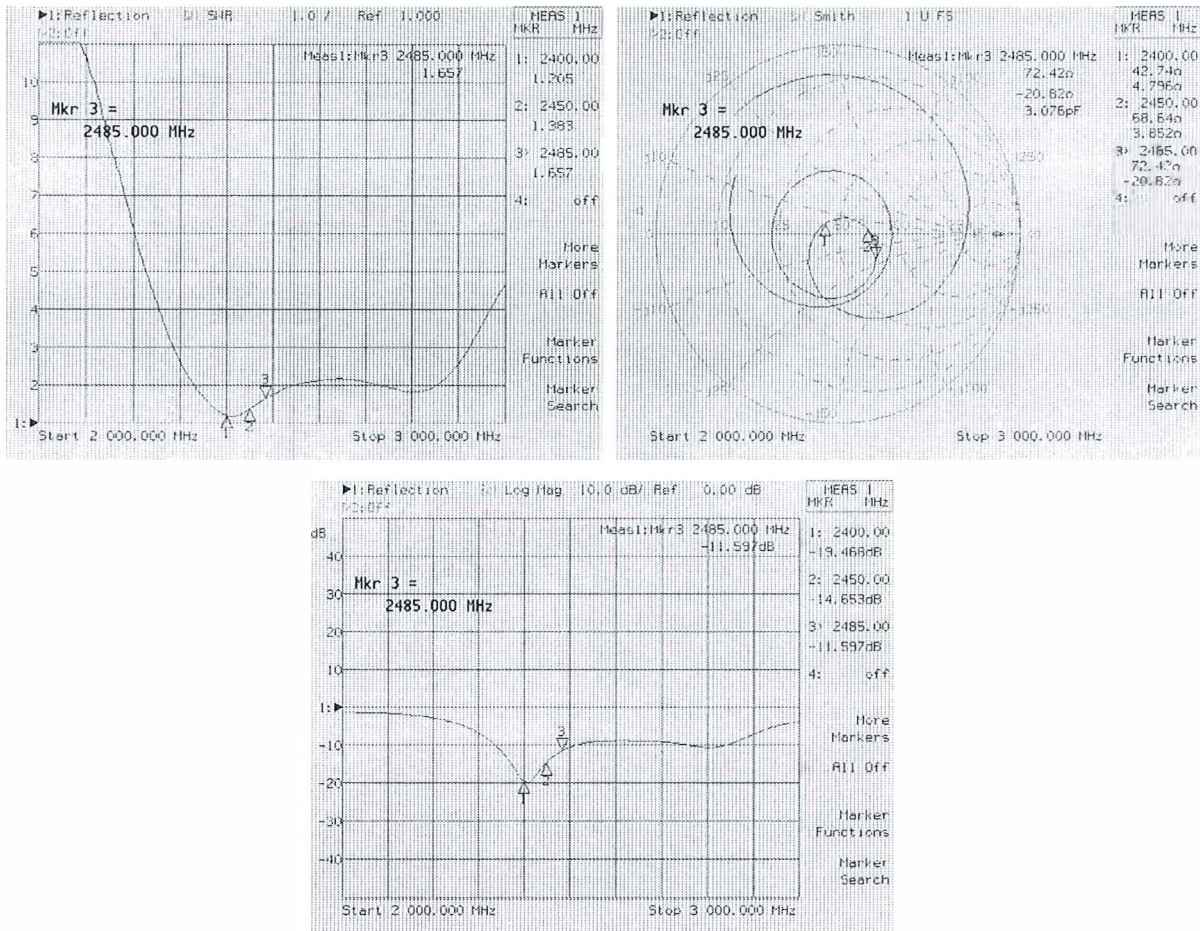
Element	Value
E1	10pF

频段	频率 (MHz)	增益 (dBi)	VSWR
2400~2500MHz	2400	32.47	1.20
	2440	32.47	1.38
	2480	36.00	1.66

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3.2 Passive S11 parameters of A30 C antenna



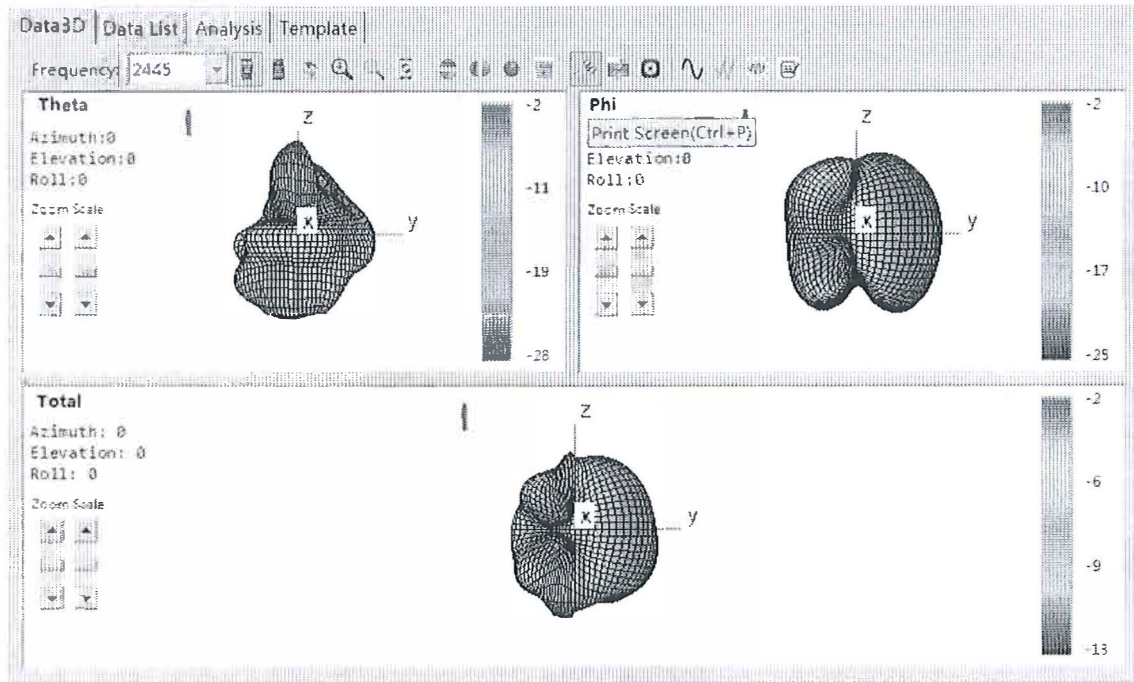
3.3 Gain and efficiency of A30 C antenna

chNo	Freq	TRP	PeakEIRP	Directivity	Gain	Efficiency_dB	Efficiency_Percent
1	2400	-4.65	-2.34	2.31	-2.34	-4.65	34.27
2	2405	-4.58	-2.17	2.40	-2.17	-4.58	34.87
3	2410	-4.53	-2.10	2.42	-2.10	-4.53	35.27
4	2415	-4.47	-2.05	2.41	-2.05	-4.47	35.76
5	2420	-4.45	-2.05	2.40	-2.05	-4.45	35.67
6	2425	-4.43	-2.00	2.43	-2.00	-4.43	36.06
7	2430	-4.44	-2.05	2.39	-2.05	-4.44	35.96
8	2435	-4.44	-2.06	2.38	-2.06	-4.44	35.93
9	2440	-4.44	-2.10	2.34	-2.10	-4.44	35.96
10	2445	-4.40	-2.07	2.33	-2.07	-4.40	36.27
11	2450	-4.36	-2.04	2.32	-2.04	-4.36	36.68
12	2455	-4.43	-2.13	2.31	-2.13	-4.43	36.02
13	2460	-4.49	-2.22	2.27	-2.22	-4.49	35.59
14	2465	-4.47	-2.23	2.24	-2.23	-4.47	35.72
15	2470	-4.46	-2.23	2.19	-2.23	-4.46	35.73
16	2475	-4.46	-2.29	2.17	-2.29	-4.46	35.24
17	2480	-4.46	-2.28	2.16	-2.28	-4.46	35.82
18	2485	-4.44	-2.27	2.17	-2.27	-4.44	35.93
19	2490	-4.42	-2.21	2.20	-2.21	-4.42	36.15
20	2495	-4.46	-2.13	2.25	-2.13	-4.46	35.67
21	2500	-4.51	-2.06	2.46	-2.06	-4.51	35.37

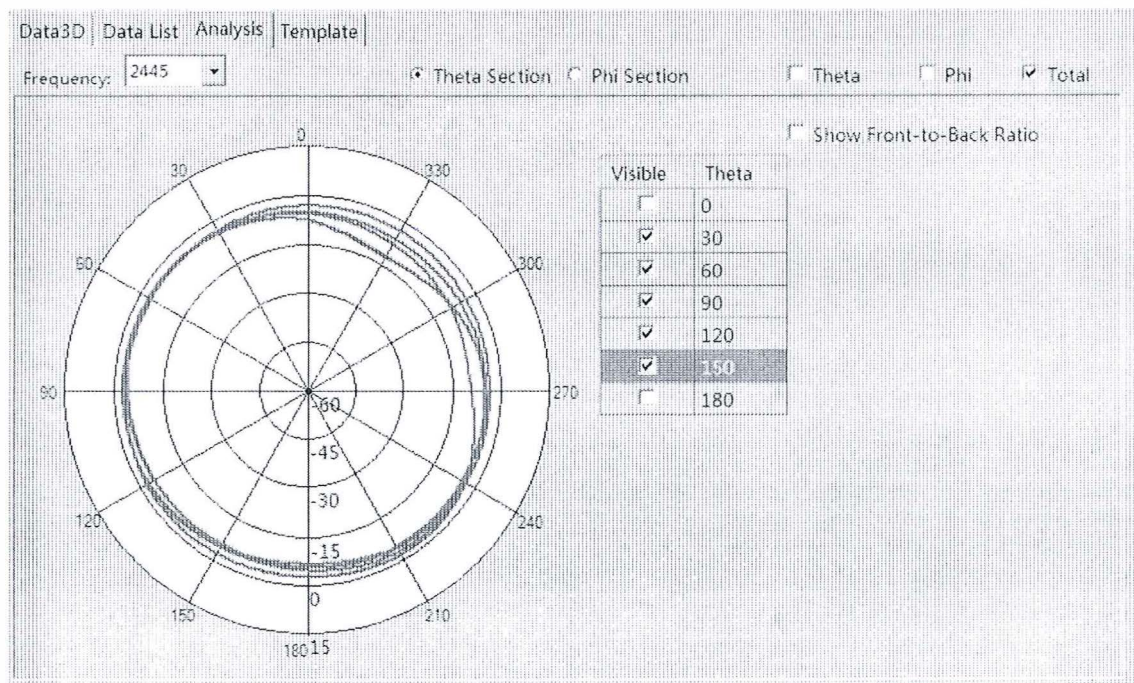
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3.4 A30 C_antenna 3D pattern



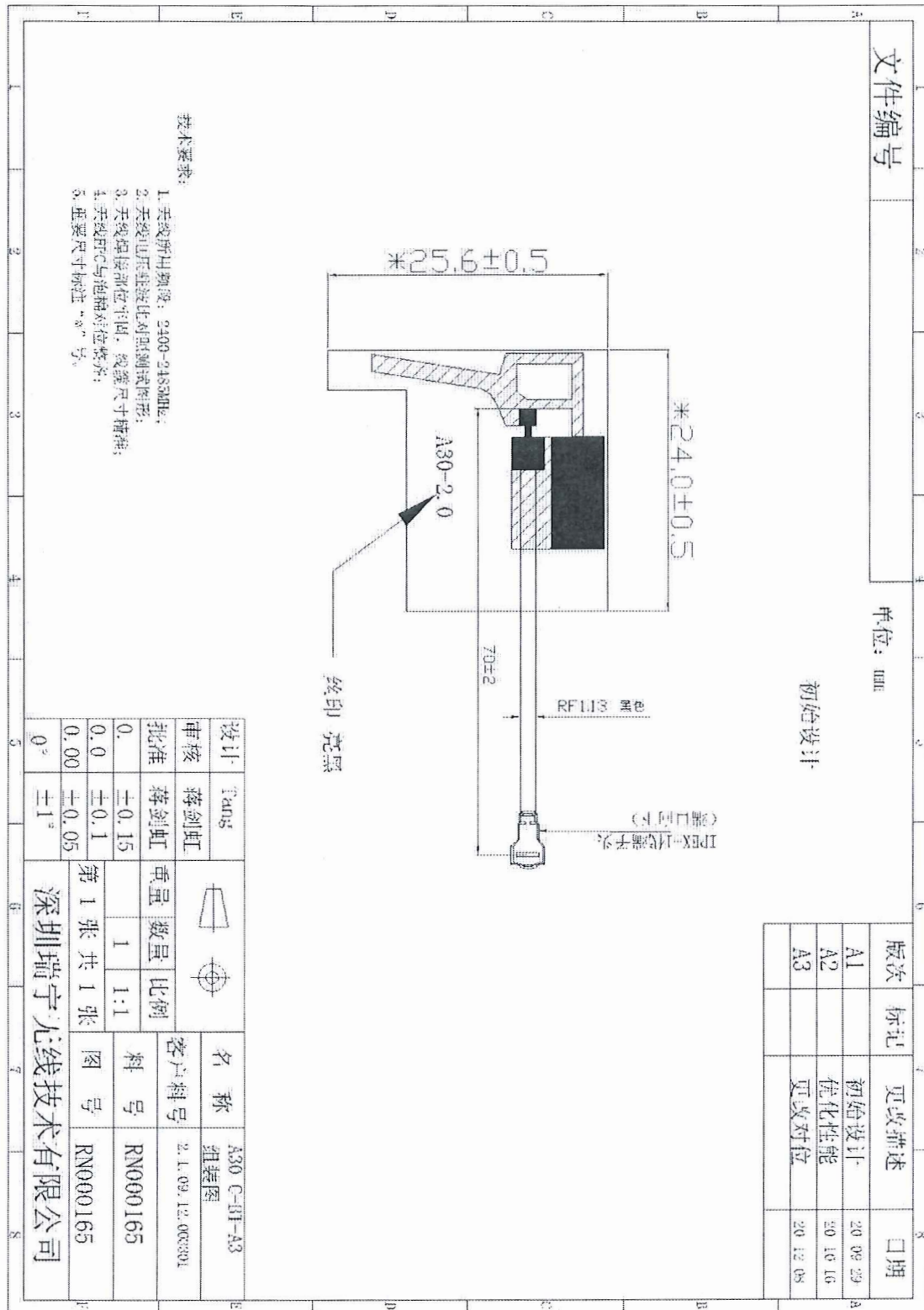
3.5 A30 C_antenna 2D pattern



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4、天线工程图



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