



AUDEN COMMUNICATIONS&MULTIMEDIA
TECHNO (KUNSHAN) CO. LTD

AUX02442 (A10ST) —WIFI&BT&GPS
Antenna specification

5 pages

(Including cover sheet)

Author: Liu Jing



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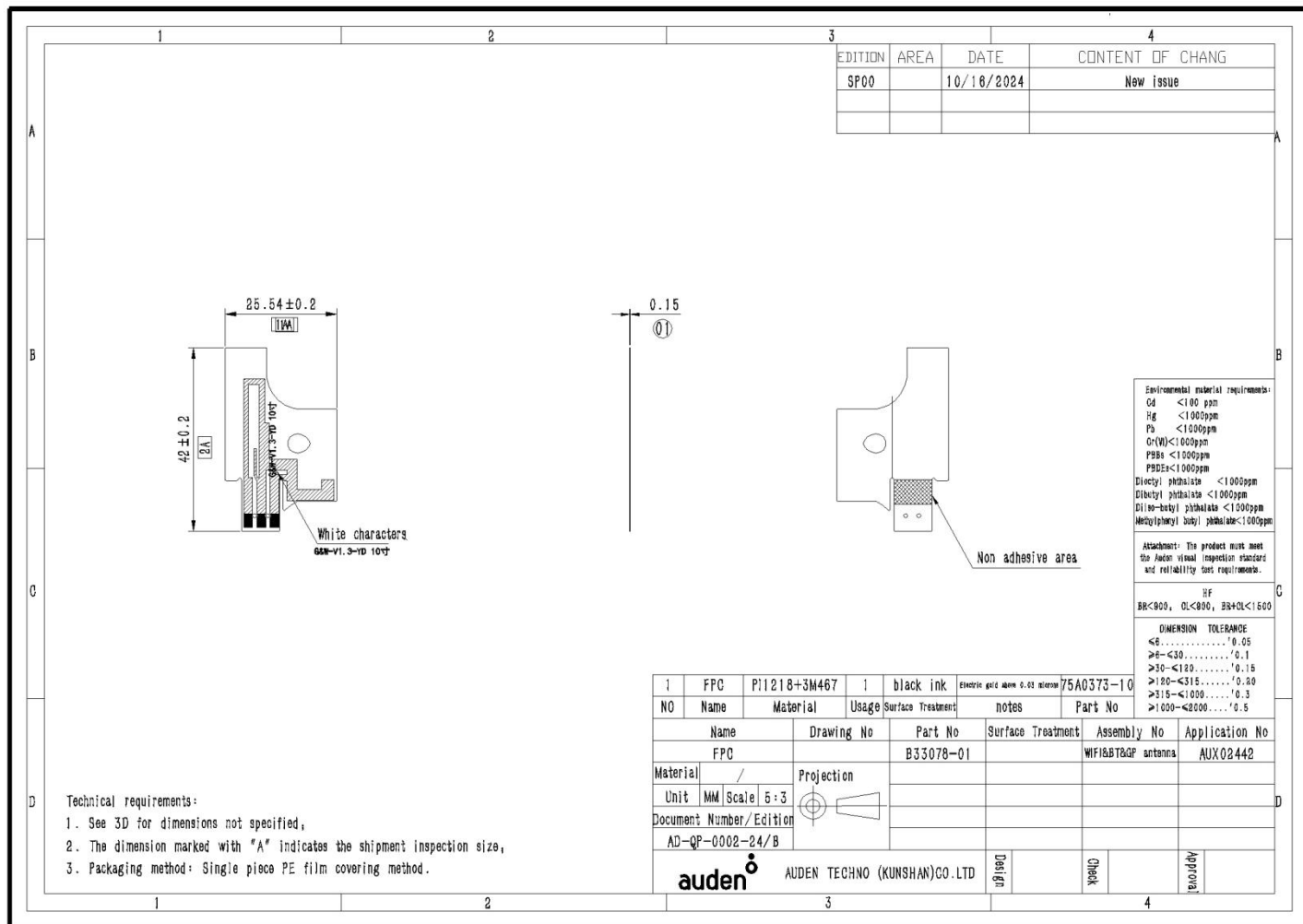
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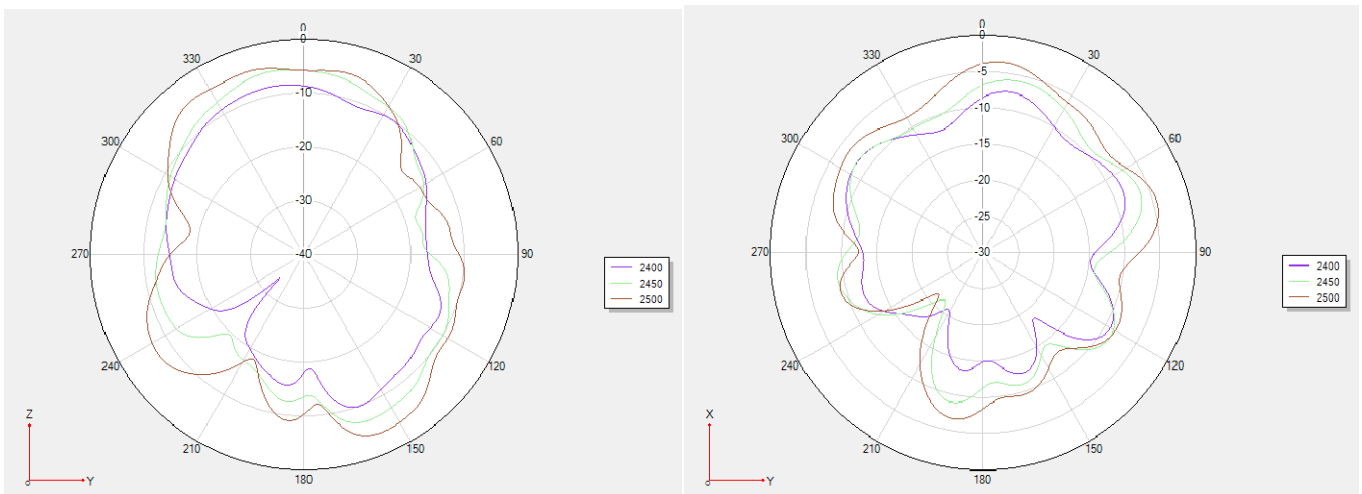
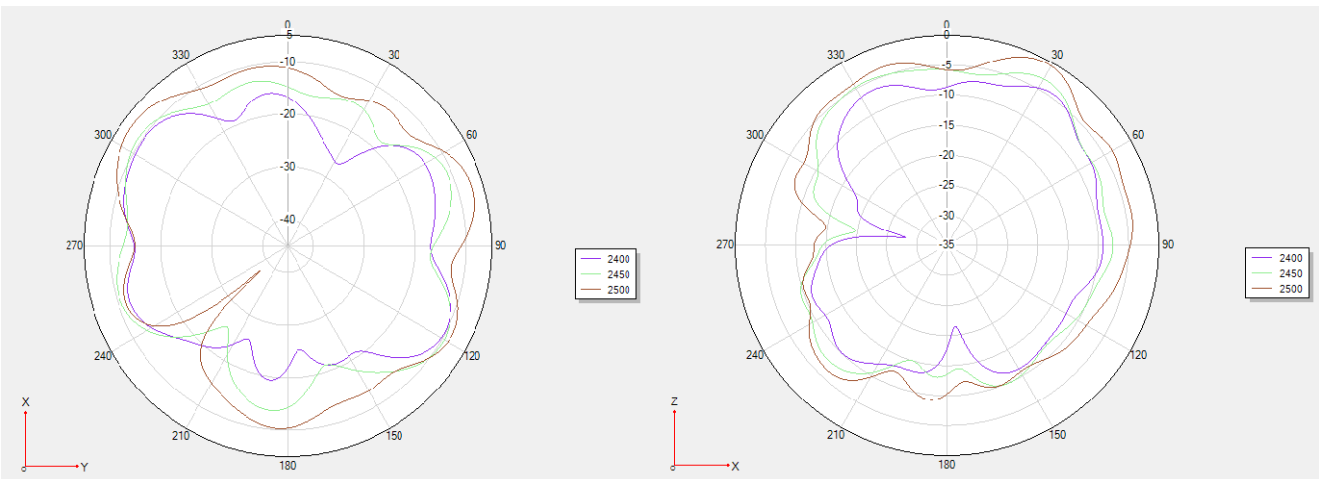
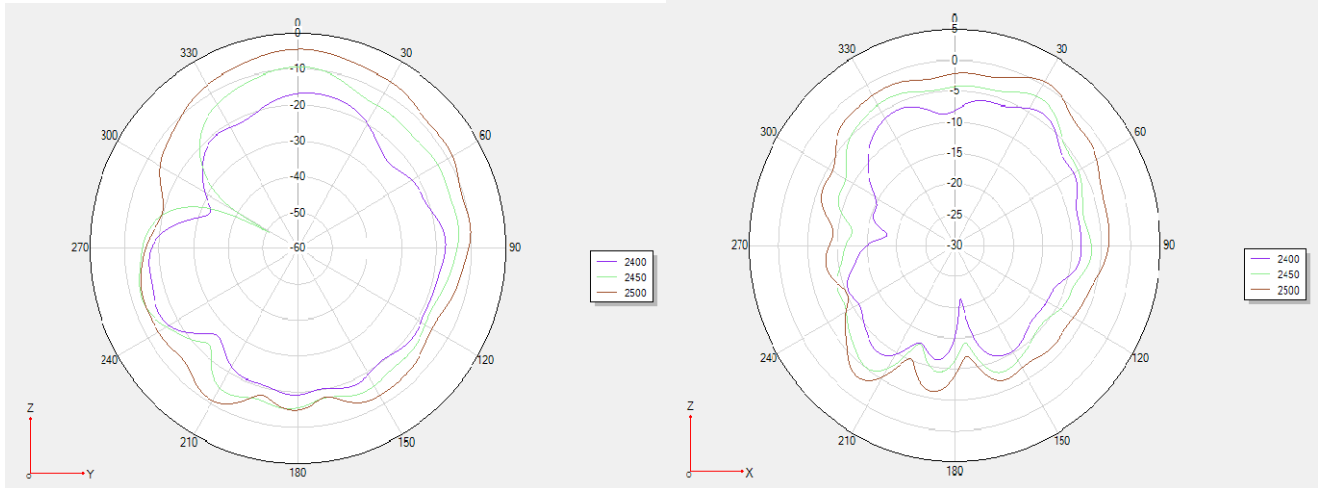


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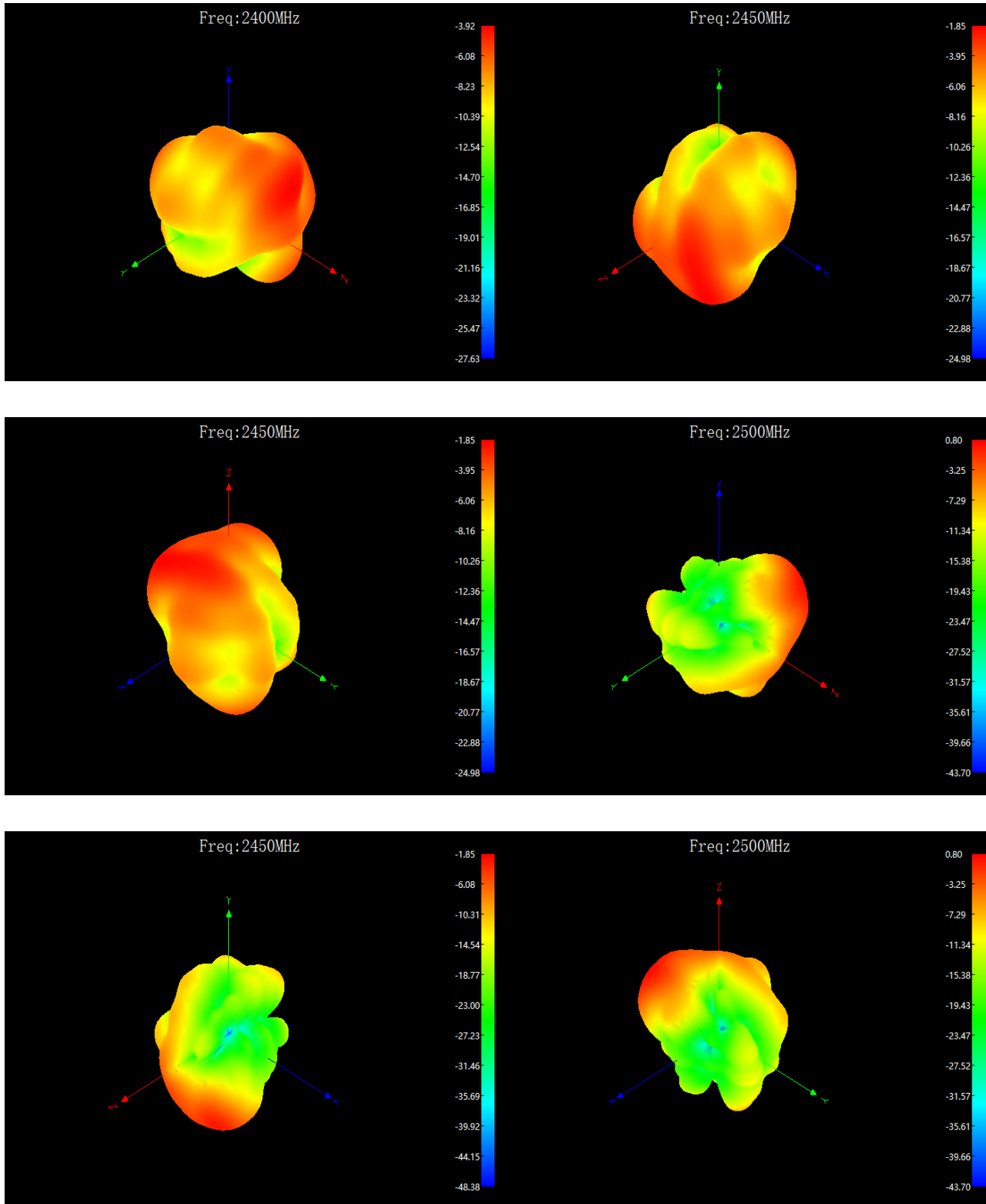
1. The appearance of the antenna



2. 2D antenna radiation pattern

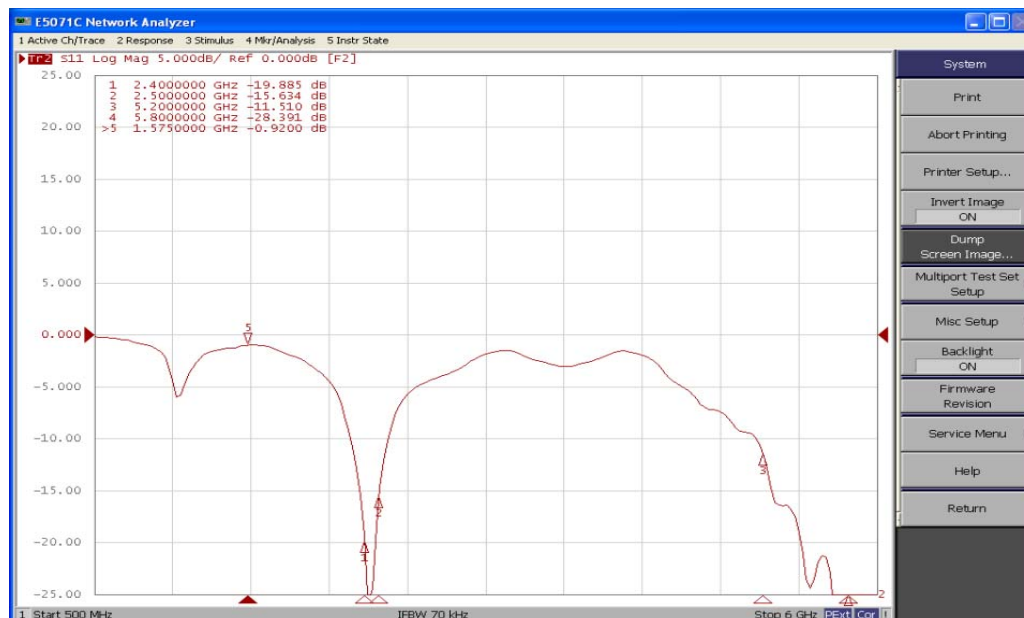


3. 3D antenna radiation pattern





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GAIN

Frequenc y/Mhz	Efficien cy / dB	Efficien cy / %	MaxGain/ dBi
1500	-10.67	8.57	-5.82
1505	-10.09	9.79	-5.59
1510	-10.8	8.32	-6.26
1515	-10.83	8.26	-6.08
1520	-10.07	9.84	-5.84
1525	-10.97	8	-6.14
1530	-10.89	8.15	-6.11
1535	-10.59	8.73	-6.52
1540	-10.95	8.04	-6.5
1545	-10.31	9.31	-5.97
1550	-10.89	8.15	-6.73
1555	-10.94	8.05	-6.49
1560	-10.06	9.86	-6.12
1565	-10.78	8.36	-6.54
1570	-10.94	8.05	-6.52
1575	-10.56	8.79	-7.07
1580	-10.69	8.53	-7.07
1585	-10.37	9.18	-6.12
1590	-10.77	8.38	-7.32
1595	-10.83	8.26	-6.57
1600	-10.36	9.2	-6.58
2400	-3.54	44.26	0.59
2405	-3.5	44.67	0.47
2410	-3.39	45.81	0.55
2415	-3.14	48.53	0.99
2420	-3.16	48.31	0.9
2425	-3.37	46.03	1.02
2430	-3.01	50	1.29
2435	-2.85	51.88	1.27
2440	-3.05	49.55	1.66
2445	-2.9	51.29	1.51
2450	-2.9	51.29	1.36
2455	-2.77	52.84	1.8
2460	-2.61	54.83	1.74

Frequenc y/Mhz	Efficien cy / dB	Efficien cy / %	MaxGain/ dBi
2465	-2.78	52.72	1.89
2470	-2.3	58.88	2.31
2475	-2.08	61.94	2.25
2480	-2.54	55.72	2.25
2485	-2.53	55.85	2.3
2490	-2.43	57.15	1.83
2495	-2.37	57.94	2.18
2500	-2.3	58.88	2.4
5200	-2.92	51.05	5.11
5210	-3.73	42.36	4.83
5220	-3.73	42.36	4.44
5230	-3.22	47.64	5.19
5240	-3.08	49.2	5.11
5250	-3.1	48.98	4.77
5260	-2.79	52.6	4.83
5270	-2.86	51.76	5.04
5280	-2.93	50.93	4.88
5290	-2.92	51.05	5.15
5300	-3.24	47.42	5.19
5310	-3.16	48.31	5.47
5320	-3.53	44.36	5.04
5330	-3.19	47.97	5.69
5340	-3.38	45.92	5.17
5350	-3.6	43.65	5.22
5360	-3.77	41.98	5.42
5370	-3.55	44.16	6
5380	-3.66	43.05	5.42
5390	-4.08	39.08	5.18
5400	-3.74	42.27	5.53
5410	-3.98	39.99	5.42
5420	-4.31	37.07	4.73
5430	-4.16	38.37	5.03
5440	-3.89	40.83	5.41
5450	-4.4	36.31	5.19



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Frequenc y/Mhz	Efficien cy / dB	Efficien cy / %	MaxGain/ dBi
5460	-4.2	38.02	5.13
5470	-4.17	38.28	5.42
5480	-4.01	39.72	5.55
5490	-4.69	33.96	5.02
5500	-4.15	38.46	5.23
5510	-3.26	47.21	5.78
5520	-3.61	43.55	5.23
5530	-3.48	44.87	5.5
5540	-3.22	47.64	5.54
5550	-3.21	47.75	5.82
5560	-3.68	42.85	5.08
5570	-3.4	45.71	5.6
5580	-3.02	49.89	5.74
5590	-3.47	44.98	5.54
5600	-2.03	62.66	5.26
5610	-1.32	73.79	5.66
5620	-1.63	68.71	5.21
5630	-2.21	60.12	4.9
5640	-1.96	63.68	4.92
5650	-1.88	64.86	5.12
5660	-2.03	62.66	5.04
5670	-2.17	60.67	5.1
5680	-1.78	66.37	5.31
5690	-2.54	55.72	4.87
5700	-2.55	55.59	4.84
5710	-2.77	52.84	5.19
5720	-2.36	58.08	5.35
5730	-2.63	54.58	5.51
5740	-2.44	57.02	5.55
5750	-2.71	53.58	6.08
5760	-3.54	44.26	5.4
5770	-3.67	42.95	5.44
5780	-3.3	46.77	5.61
5790	-3.17	48.19	5.83
5800	-3.43	45.39	5.34