



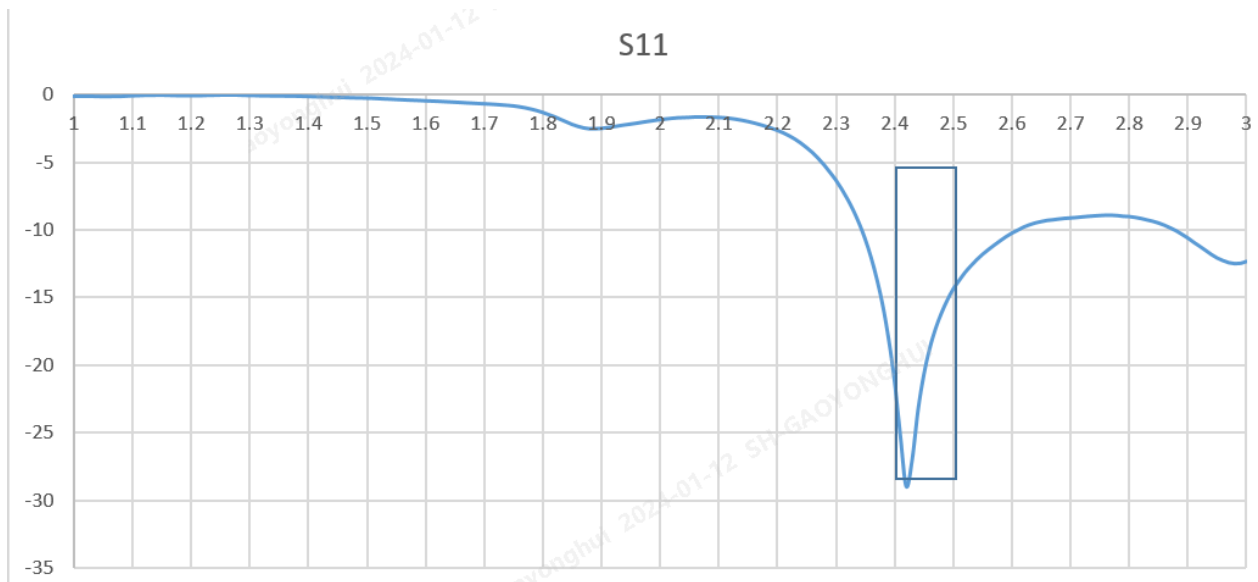
Approval Sheet

B880 Antenna

Customer function:	Name:	Sign:	Date

SAA function:	Name:	Sign:	Date
PM	Minghui.song		2024-01-11
RF	Bruce.Gao		2024-01-11

Project:B880 antenna		Author: Bruce.Gao	File Name:
Date: 2024-01-11			
Revision:	A		
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2.4G antenna S11

2.1.2. Efficiency and Peak gain

2.2. GPS Total Efficiency

GPS Antenna		
Fre (Ghz)	Eff (db)	Gain(dbi)
1.11	-17.48	-12.15
1.12	-17.46	-12.26
1.13	-17.46	-12.26
1.14	-17.34	-12.14
1.15	-17.22	-12.17
1.16	-17.2	-12.37
1.17	-17.09	-12.35
1.18	-16.98	-12.47
1.19	-16.91	-12.24
1.2	-16.81	-12.2
1.5	-14.13	-9.6
1.51	-14.02	-9.46
1.52	-13.83	-9.25
1.53	-13.75	-9.05
1.54	-13.61	-8.83
1.55	-13.43	-8.54
1.56	-13.37	-8.38
1.57	-13.26	-8.19
1.58	-13.22	-8.1
1.59	-13.19	-8.07
1.6	-13.16	-8.08

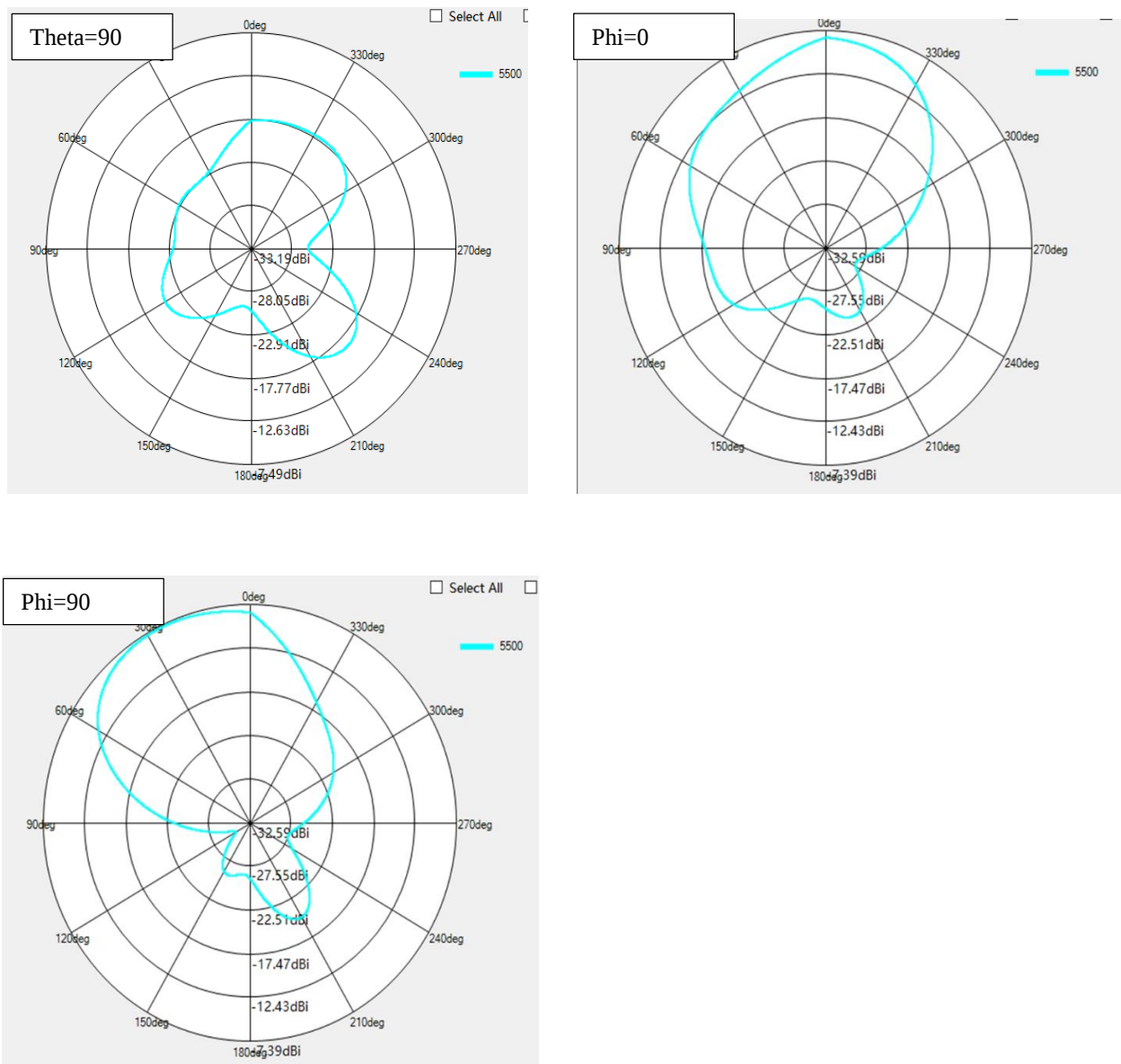
Project:B880 antenna		Author: Bruce.Gao	File Name:
Date: 2024-01-11			
Revision:	A		
CONFIDENTIAL Shanghai Longcheer Technology Co., Ltd			

WiFi/BT Total Efficiency

WiFi Antenna		
Fre (Ghz)	Eff (db)	Gain (dbi)
2.3	-16.05	-12.09
2.31	-15.89	-12.16
2.32	-15.78	-12.36
2.33	-15.56	-12.29
2.34	-15.31	-11.81
2.35	-15.15	-11.63
2.36	-14.98	-11.34
2.37	-14.88	-11.04
2.38	-14.88	-10.83
2.39	-14.95	-10.77
2.4	-15.08	-10.79
2.41	-15.19	-11
2.42	-15.37	-11.24
2.43	-15.57	-11.34
2.44	-15.63	-11.23
2.45	-15.6	-11.12
2.46	-15.56	-11.08
2.47	-15.5	-11.01
2.48	-15.42	-10.97
2.49	-15.35	-11.13
2.5	-15.41	-11.2
2.51	-15.35	-11.21
2.52	-15.37	-11.17
2.53	-15.48	-11.33
2.54	-15.51	-11.42
2.55	-15.58	-11.48
2.56	-15.62	-11.54
2.57	-15.58	-11.6
2.58	-15.58	-11.56
2.59	-15.59	-11.52
2.6	-15.62	-11.56

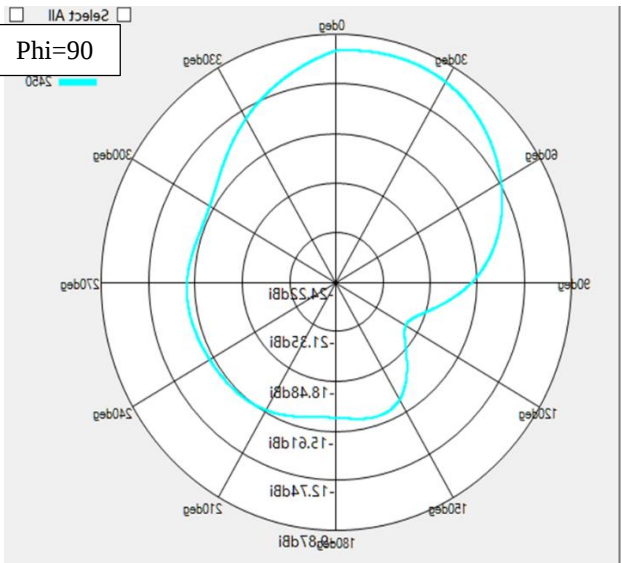
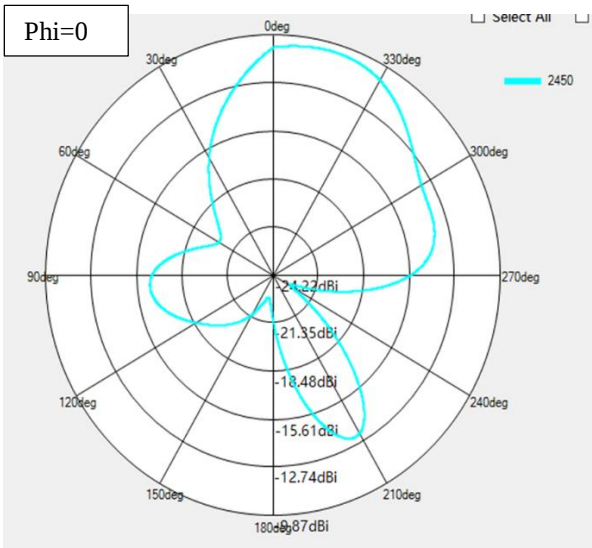
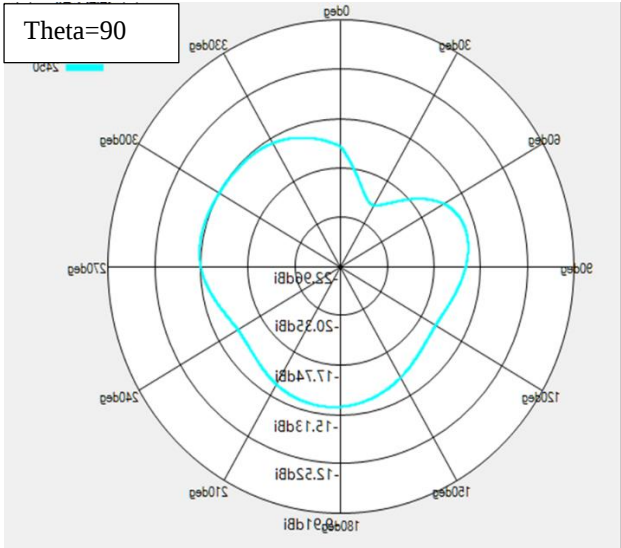
Project:B880 antenna		Author: Bruce.Gao	File Name:
Date: 2024-01-11			
Revision:	A		
CONFIDENTIAL Shanghai Longcheer Technology Co., Ltd			

2.3. Radiation Pattern--GPS



Project:B880 antenna		Author: Bruce.Gao	File Name:
Date: 2024-01-11			
Revision:	A		
CONFIDENTIAL Shanghai Longcheer Technology Co., Ltd			

WIFI/BT



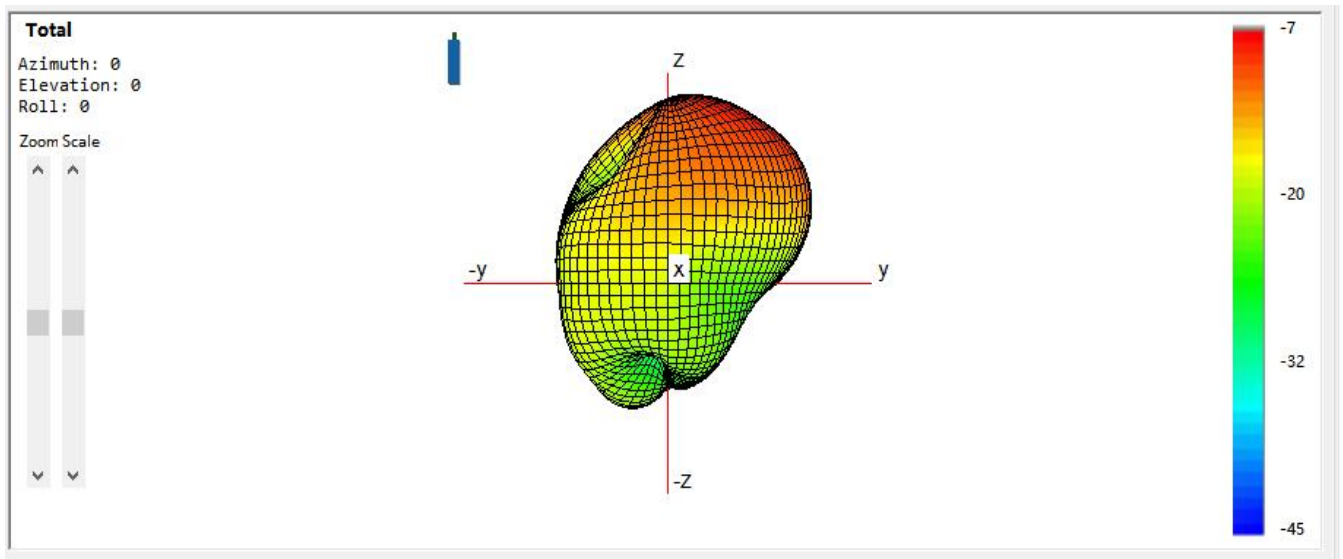
Project:B880 antenna		Author: Bruce.Gao	File Name:
Date: 2024-01-11			
Revision:	A		
CONFIDENTIAL Shanghai Longcheer Technology Co., Ltd			

Approval sheet of

B880-5G- antenna

Customer/Project		B880-NFC 天线	Frequency Band		
Model antenna		B880-5G 天线			
SCT P/N			Version		A
Date		2024-1-11			
供应商		惠州硕贝德无线科技股份有限公司			
供应商地址		惠州市仲恺高新区水口东江科技园上霞区 SX-01-02 号			
Checked by	RF		Designed by	RF	缪海东
	ME			ME	肖勇兵
	QC		Remark		
Customer					
Date					
Confirmed by	RF				
	ME				
Remark					

1. Measurement Data



GHz	WIFI5G 效率	增益
5	-14.16	-5.68
5.01	-14.25	-5.66
5.02	-14.16	-5.49
5.03	-14.21	-5.48
5.04	-14.22	-5.53
5.05	-14.22	-5.45
5.06	-14.24	-5.54
5.07	-14.22	-5.4
5.08	-14.18	-5.39
5.09	-14.24	-5.33
5.1	-14.23	-5.38
5.11	-14.29	-5.34
5.12	-14.31	-5.3
5.13	-14.39	-5.35
5.14	-14.48	-5.36
5.15	-14.58	-5.43
5.16	-14.75	-5.48
5.17	-14.82	-5.43
5.18	-14.81	-5.45
5.19	-14.81	-5.35
5.2	-14.79	-5.39
5.21	-14.84	-5.29
5.22	-14.81	-5.43
5.23	-14.91	-5.42
5.24	-14.93	-5.47
5.25	-14.98	-5.58
5.26	-15.06	-5.6
5.27	-15.17	-5.73
5.28	-15.21	-5.77
5.29	-15.23	-5.77
5.3	-15.19	-5.71
5.31	-15.26	-5.78
5.32	-15.33	-5.89
5.33	-15.31	-5.95
5.34	-15.38	-5.96
5.35	-15.31	-6.04
5.36	-15.39	-6.06
5.37	-15.47	-6.13
5.38	-15.67	-6.4
5.39	-15.85	-6.61
5.4	-15.74	-6.56
5.41	-15.78	-6.67
5.42	-15.87	-6.81
5.43	-16.02	-6.95
5.44	-16.1	-7.14
5.45	-16.05	-7.13
5.46	-16.13	-7.1
5.47	-16.13	-7.16
5.48	-16.21	-7.21
5.49	-16.326	-7.33

GHz	WIFI5G 效率	增益
5.5	-16.28	-7.5
5.51	-16.29	-7.74
5.52	-16.3	-7.7
5.53	-16.31	-7.94
5.54	-16.33	-8
5.55	-16	-7.96
5.56	-16	-8.04
5.57	-16.02	-8.18
5.58	-16.01	-8.11
5.59	-16.13	-8.27
5.6	-16.26	-8.4
5.61	-16.33	-8.4
5.62	-16.37	-8.52
5.63	-16.32	-8.72
5.64	-16.31	-8.63
5.65	-16.42	-8.78
5.66	-16.11	-8.66
5.67	-16.18	-8.68
5.68	-16.28	-8.73
5.69	-16.29	-8.74
5.7	-16.48	-8.91
5.71	-16.41	-8.83
5.72	-16.48	-8.83
5.73	-16.44	-8.75
5.74	-16.08	-8.95
5.75	-16.3	-9.1
5.76	-16.42	-9.28
5.77	-16.41	-9.4
5.78	-16.38	-9.27
5.79	-16.42	-9.46
5.8	-16.38	-9.41
5.81	-16.43	-9.48
5.82	-16.52	-9.6
5.83	-16.49	-9.52
5.84	-16.63	-9.62
5.85	-16.61	-9.63
5.86	-16.75	-9.83
5.87	-16.97	-9.92
5.88	-17.05	-10.17
5.89	-17.25	-10.46
5.9	-17.26	-10.51
5.91	-17.41	-10.71
5.92	-17.46	-10.89
5.93	-17.6	-11.12
5.94	-17.63	-10.99
5.95	-17.74	-10.95
5.96	-17.71	-10.85
5.97	-17.71	-10.68
5.98	-17.93	-10.86
5.99	-17.92	-10.62
6	-18.03	-10.7

Confidential Information

