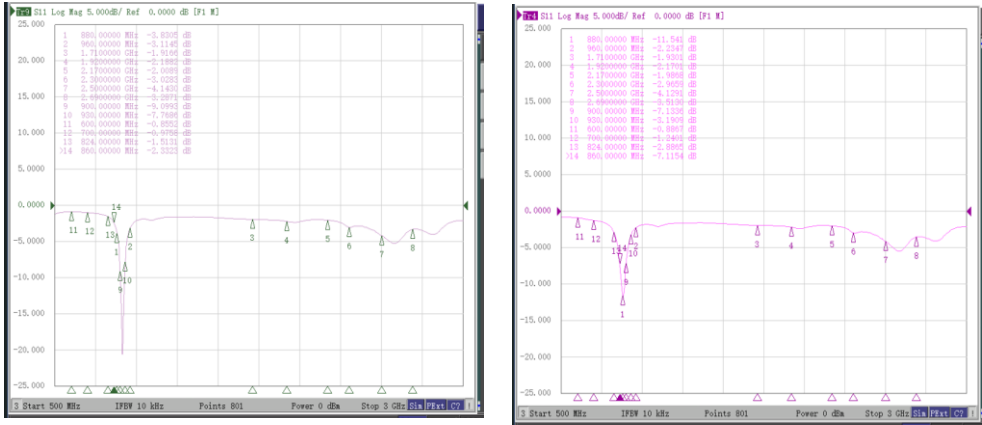


	Antenna Passive Test Report				
Project Name	T8F1A	Engineer	郑旭	Checker	
HW Version	V00	Prototype(S/N)	L303E4B400020	Software Version	1.00.0020241101
Temperature/Humidity	25°C/50%	Test Equipment	OTA暗室	Test Date	2024/11/12
Conclusion		Remarks			
Standard	Fre(Mhz)	Effi(%) (Min~Max)	Probiem Description and Next Step Plan		
Hyper WiFi	863~870	32%-35%			
	902~931	23.5%-27%			
WiFi	2.4G	40%-44%			
	5G	40%-45%			
NFC	13.56MHz	/			
GPS	L5	31%			

Halow

S11

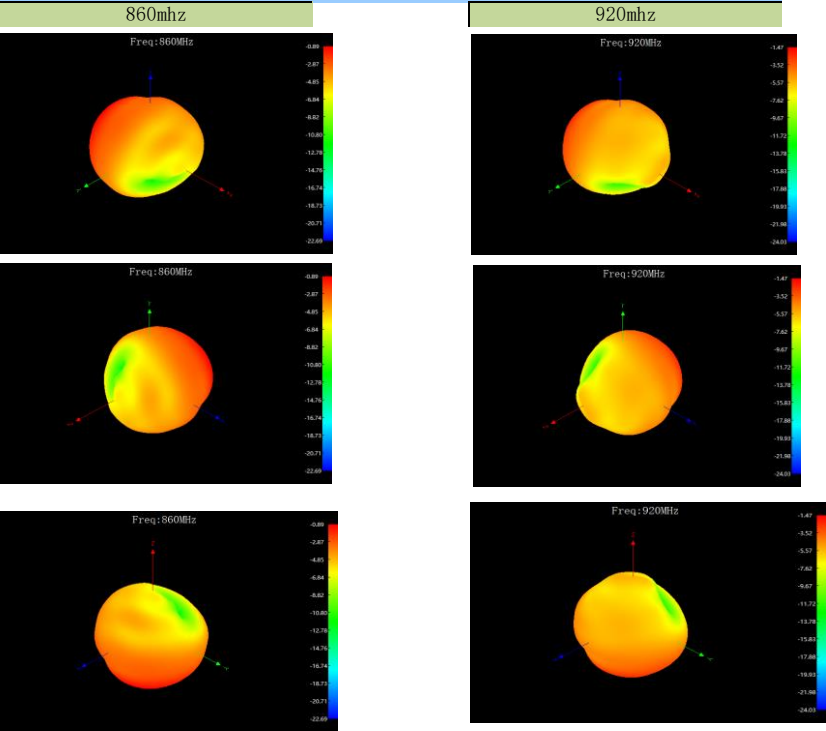


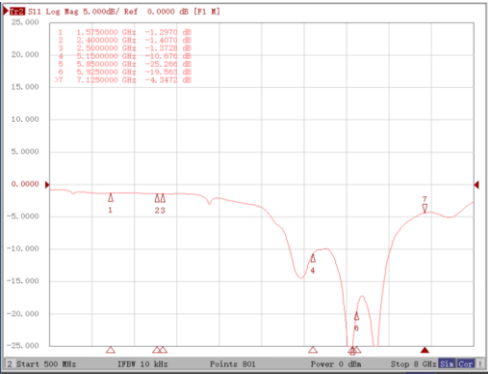
Passive (Gain, Efficiency, 3D field pattern)

frequency (MHz)	gain (db)	Efficiency (db)	Efficiency (%)
860	-0.89	-4.83	32.89
870	-0.23	-4.47	35.73

900	-3.89	-6.27	23.60
910	-2.48	-5.63	27.35
920	-1.62	-5.63	27.35
930	-1.47	-6.03	24.95

3D field pattern (xyz3 directions, marking the direction of the device under test)

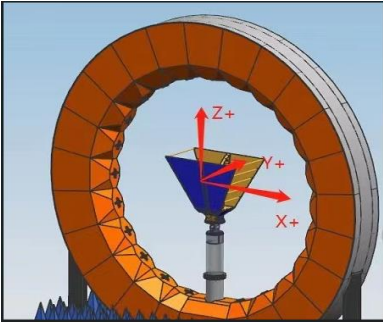
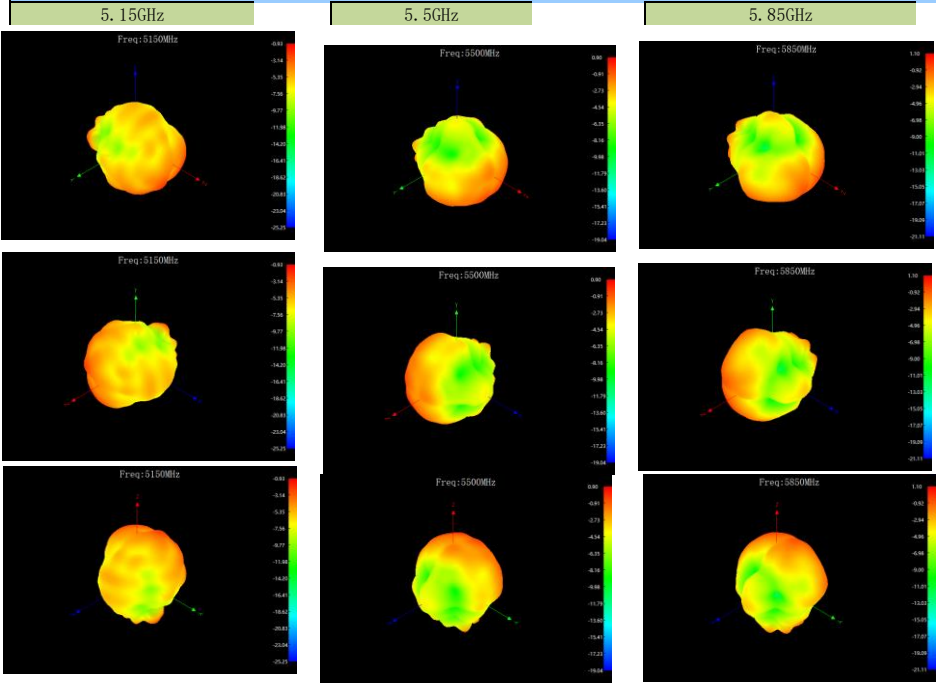


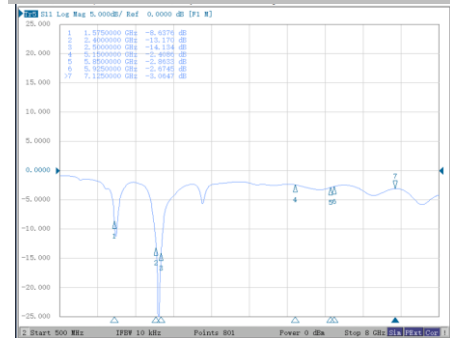


Passive (Gain, Efficiency, 3D field pattern)

frequency (MHz)	gain(dBi)	efficiency(db)	Efficiency(%)
5150	-0.93	-3.93	39.76
5200	0.92	-3.90	40.02
5250	-1.14	-3.82	40.73
5300	-0.78	-3.65	42.27
5350	-0.32	-3.61	42.64
5400	-0.24	-3.72	41.63
5450	0.25	-3.72	41.63
5500	0.90	-3.73	42.36
5550	1.41	-3.54	43.30
5600	1.26	-3.36	45.05
5650	1.81	-3.64	43.25
5700	1.30	-3.59	43.75
5750	1.43	-3.54	44.26
5800	1.85	-3.42	45.50
5850	1.10	-3.39	45.81

3D field pattern (xyz3 directions, marking the direction of the device under test)



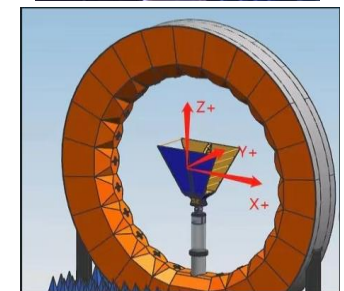
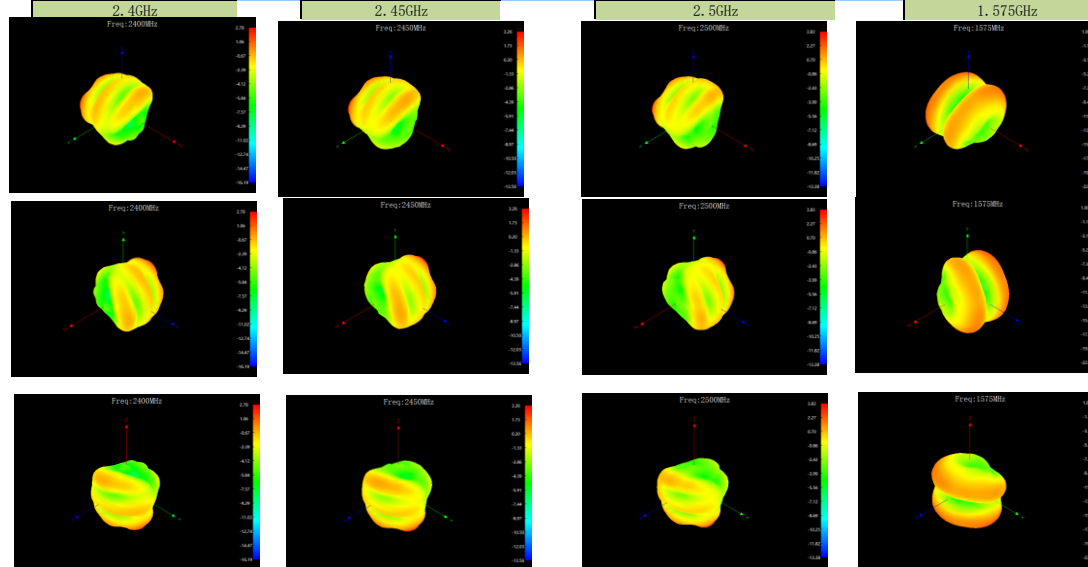


Passive (Gain, Efficiency, 3D field pattern)

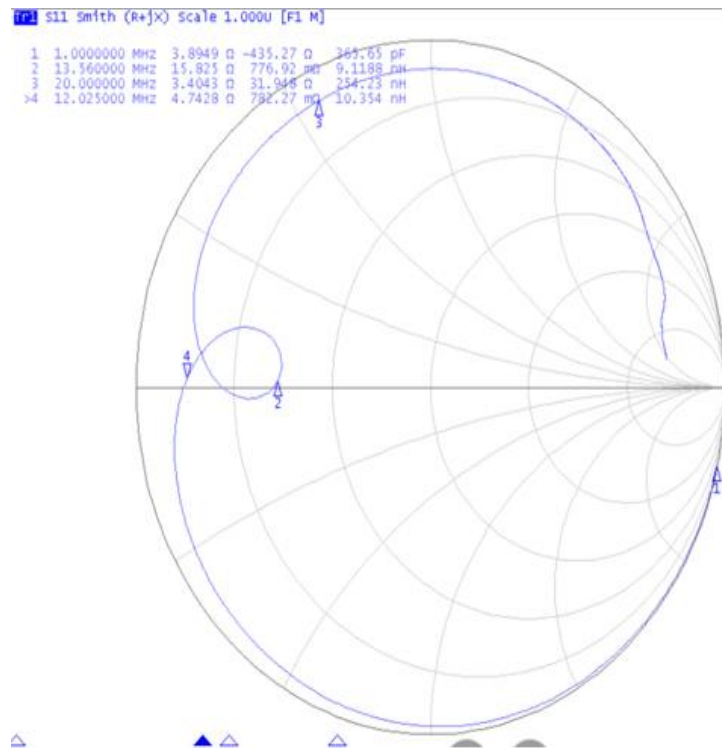
frequency (MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
1550	-1.39	-6.54	22.18
1555	-1.12	-6.31	23.39
1560	-0.99	-6.02	25.00
1565	-0.70	-5.76	26.55
1570	-0.52	-5.55	27.86
1575	0.94	-5.08	31.05
1580	0.12	-4.91	32.28
1585	0.40	-4.69	33.96
1590	0.71	-4.46	35.81
1595	0.90	-4.28	37.33
1600	1.00	-4.09	38.99
1605	0.53	-4.36	36.64
1610	0.07	-4.50	35.48

frequency (MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2400	1.73	-3.97	39.41
2410	1.65	-3.90	40.02
2420	1.60	-3.82	40.73
2430	1.76	-3.65	42.27
2440	1.76	-3.61	42.64
2450	2.15	-3.57	43.95
2460	2.30	-3.54	44.26
2470	2.40	-3.50	44.67
2480	2.33	-3.58	43.85
2490	2.23	-3.73	42.36
2500	2.05	-3.98	39.99

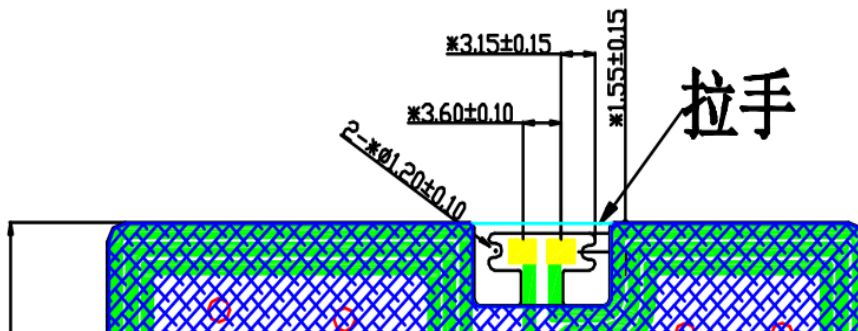
3D field pattern (xyz3 directions, marking the direction of the device under test)



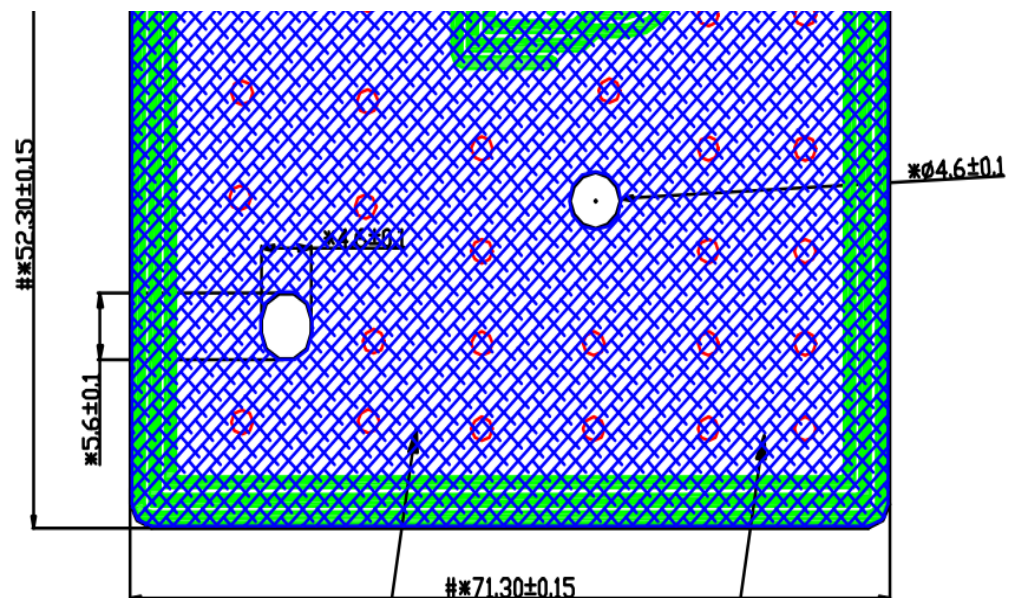
NFC S11



NFC Antennas specifications



SELECT	V			
SPEC. CLASS	A	B	C	D
< 8mm	0.05	0.1	0.1	0.2
8~25mm	0.06	0.15	0.15	0.3
25~80mm	0.12	0.2	0.25	0.4



	0.25	0.3	0.4	0.5
80-250mm	0.25	0.3	0.4	0.5
ANGLE	0.5			
MATERIAL:	SEE NOTE			
FINISH:	SEE NOTE			