



DK027 Antenna Test Report

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Date: 2 0 2 6 . 0 8 . 03



- 01 | **testing facility**
- 02 | **entry specification**
- 03 | **Test Data Records**
- 04 | **Environmental Treatment**
- 05 | **Summary and Explanation**



testing facility

Onewave Test

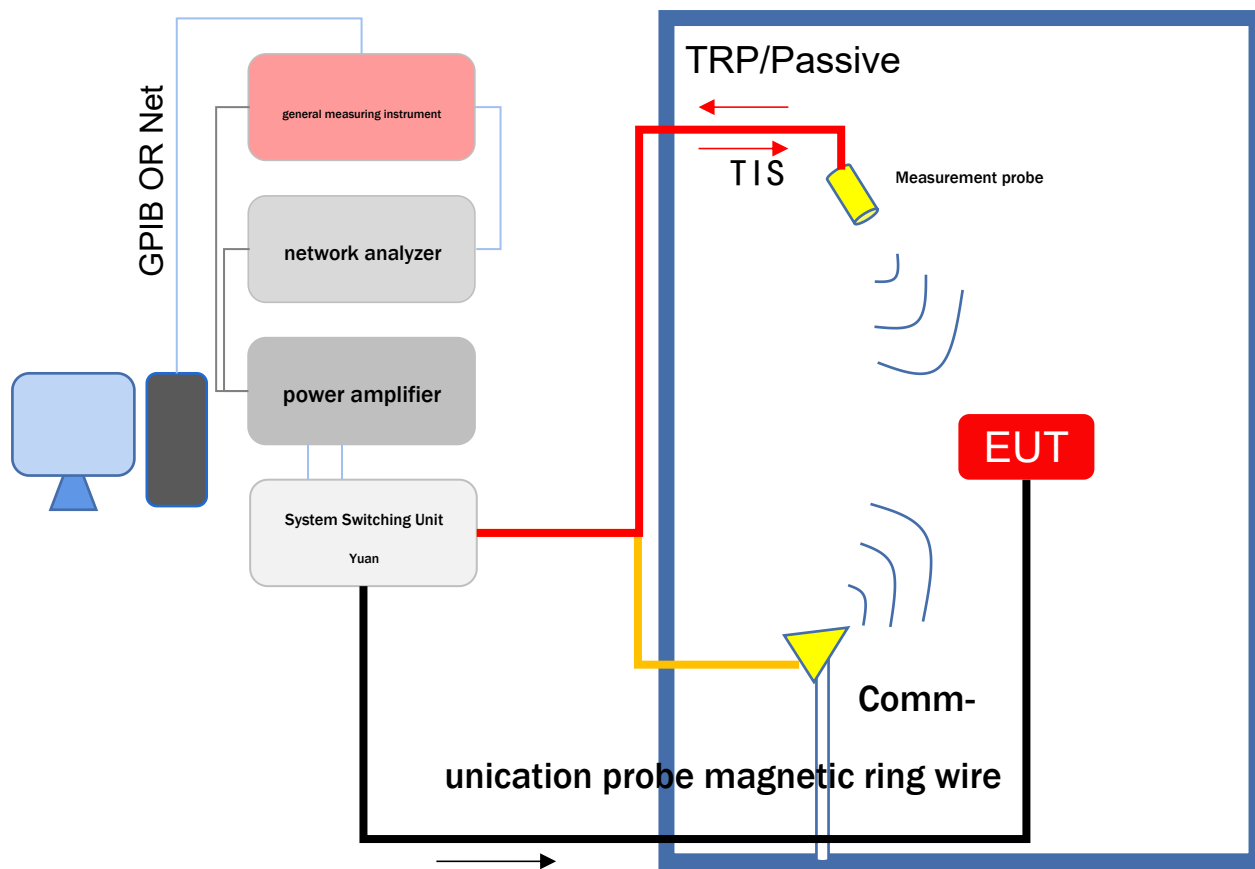
OWT-1800 现场照片



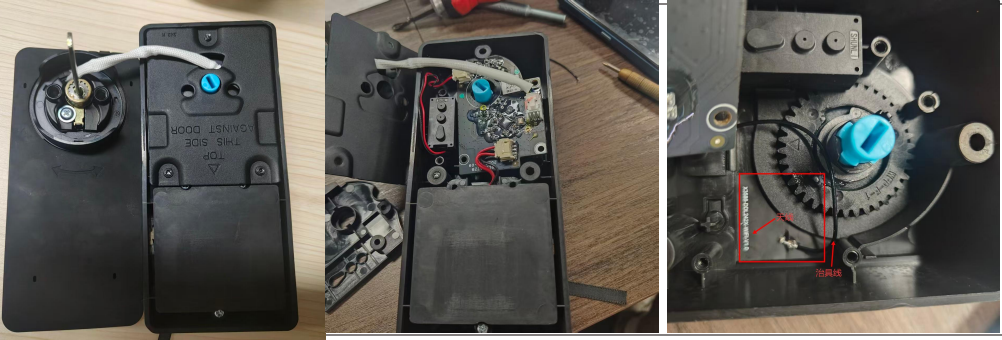


Antenna Test Environment

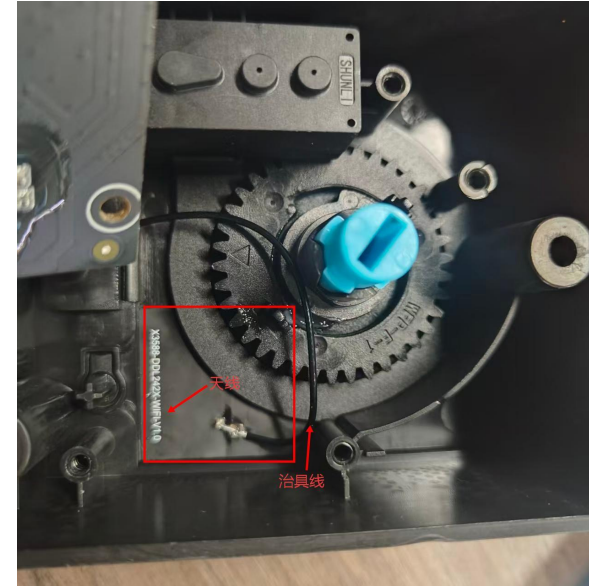
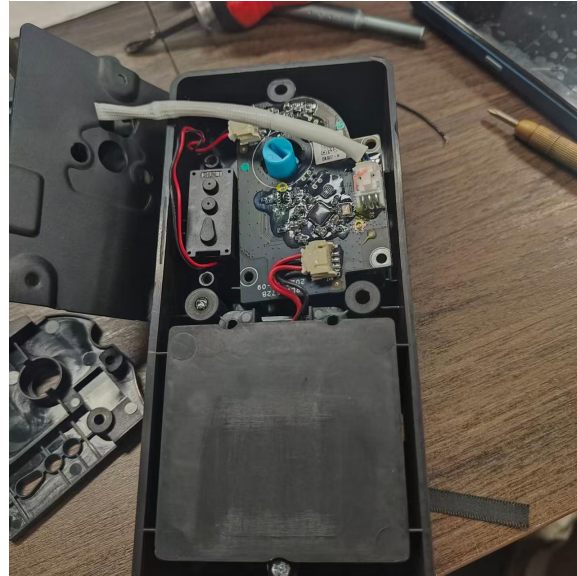
- Darkroom Coordinate System GL-G-1





Equipment Type	Intelligent door lock	
Overall system and antenna layout diagram		
Antenna-related information	Antenna types and materials	Built-in FPC antenna
	Nature	
	Tuning Band	2.4wifi
Test specification	Antenna Passive Test	

Internal layout and antenna distribution of the prototype

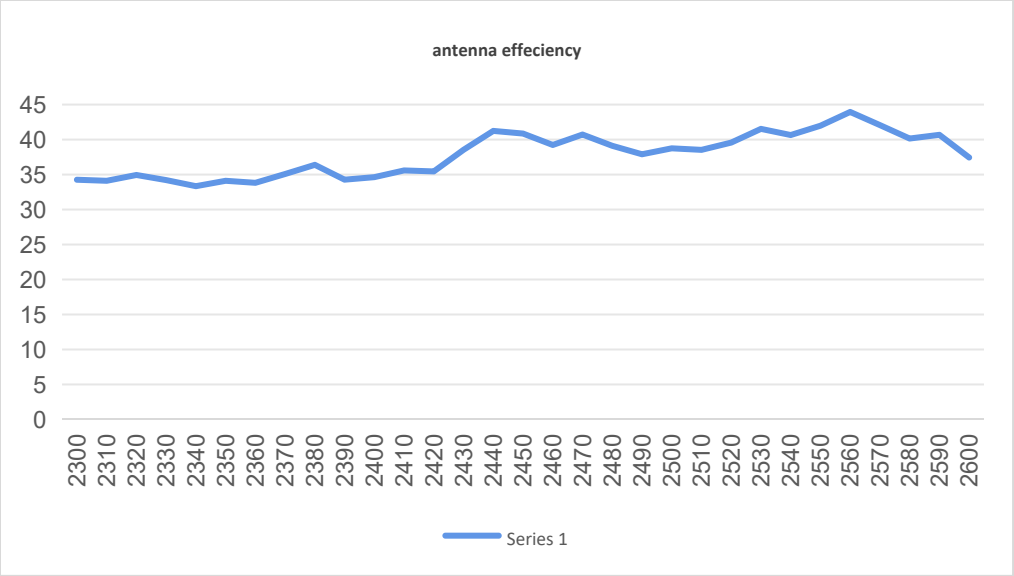




Passive
Parameters



Frequency(MHz)	Gain(dBi)	Efficiency(dB)	Efficiency(%)
2300	0.2	-4.65	34.26
2310	0.39	-4.67	34.11
2320	0.59	-4.57	34.94
2330	0.54	-4.66	34.21
2340	0.52	-4.77	33.34
2350	0.31	-4.67	34.11
2360	-0.02	-4.71	33.82
2370	0.19	-4.55	35.08
2380	0.46	-4.39	36.39
2390	0.39	-4.65	34.27
2400	0.34	-4.6	34.63
2410	0.44	-4.49	35.59
2420	0.27	-4.5	35.45
2430	0.36	-4.14	38.54
2440	0.3	-3.85	41.24
2450	0.04	-3.89	40.86
2460	-0.09	-4.06	39.23
2470	0.15	-3.9	40.72
2480	0.14	-4.08	39.11
2490	0.25	-4.21	37.9
2500	0.32	-4.12	38.75
2510	0.21	-4.14	38.53
2520	0.21	-4.03	39.57
2530	0.2	-3.82	41.53
2540	-0.14	-3.91	40.65
2550	-0.13	-3.77	41.98
2560	0.08	-3.57	43.95
2570	0.05	-3.76	42.07
2580	0.19	-3.96	40.15
2590	0.65	-3.91	40.68
2600	0.43	-4.27	37.44



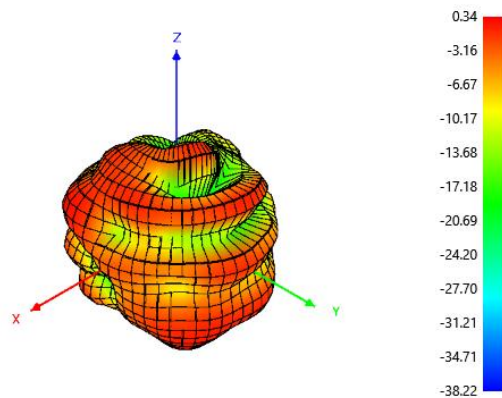


Passive Parameters

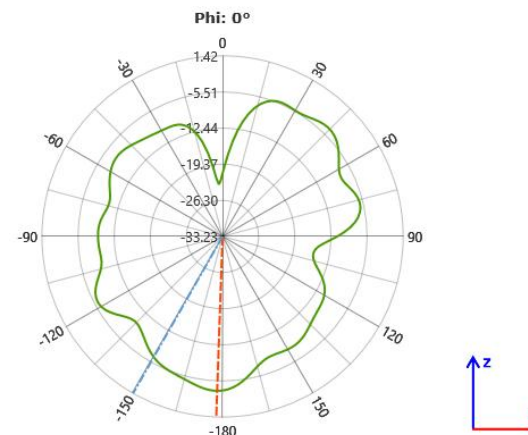


2400MHz

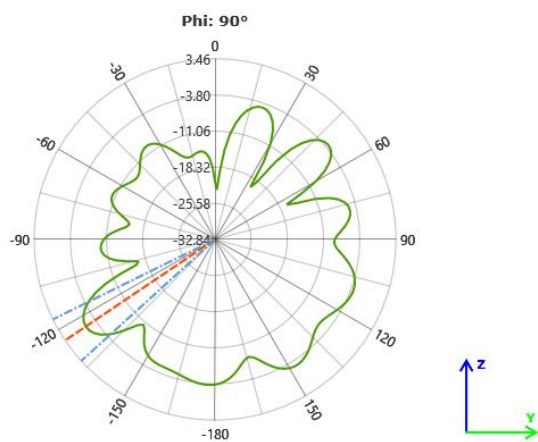
Freq: 2400MHz (AxisZ)



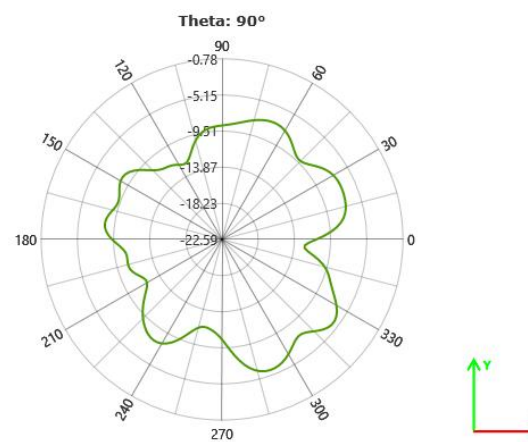
2400MHz



2400MHz



2400MHz



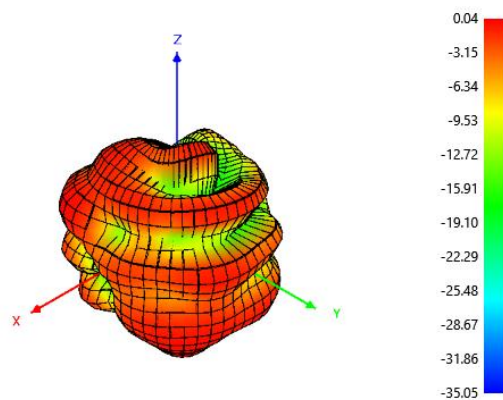


Passive Parameters

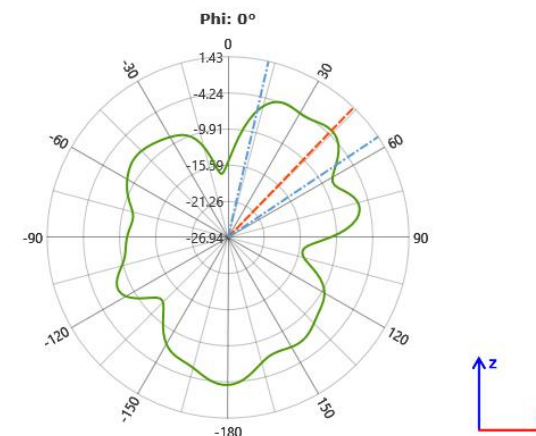


2450MHz

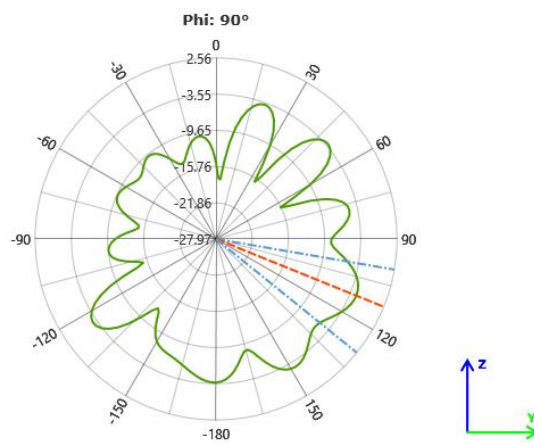
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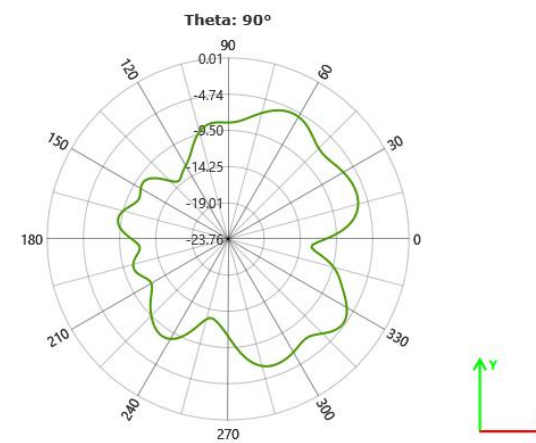
2450MHz



2450MHz



2450MHz



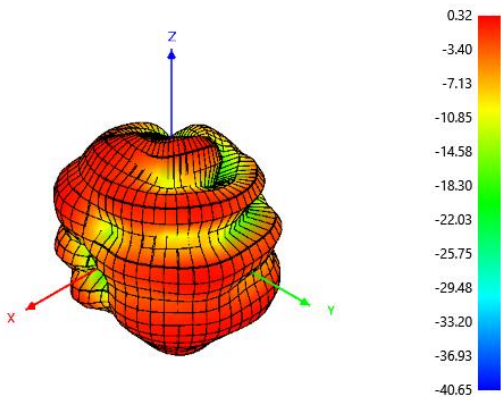


Passive Parameters

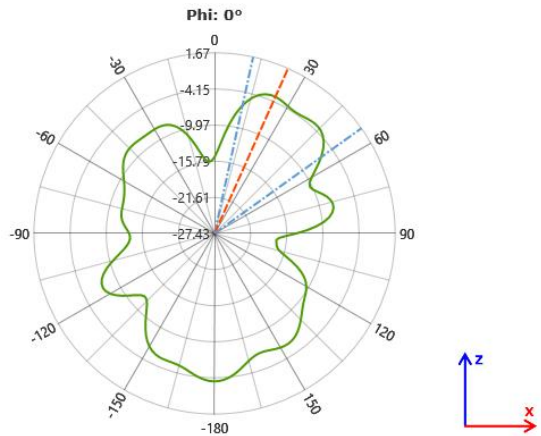


2500MHz

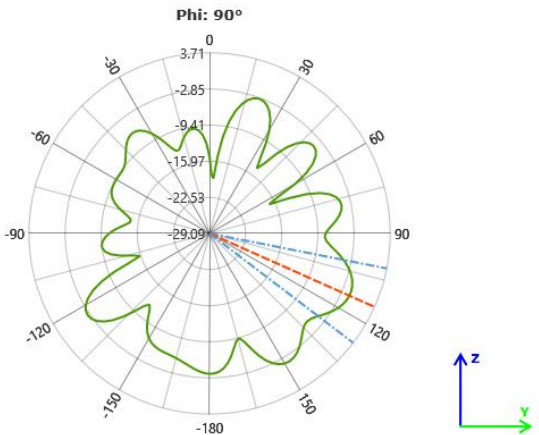
Freq: 2500MHz (AxisZ)



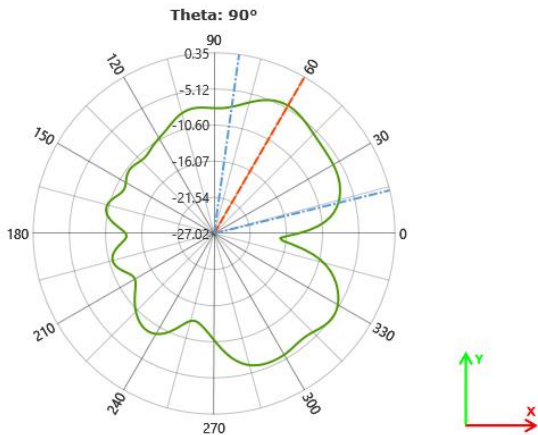
2500MHz



2500MHz

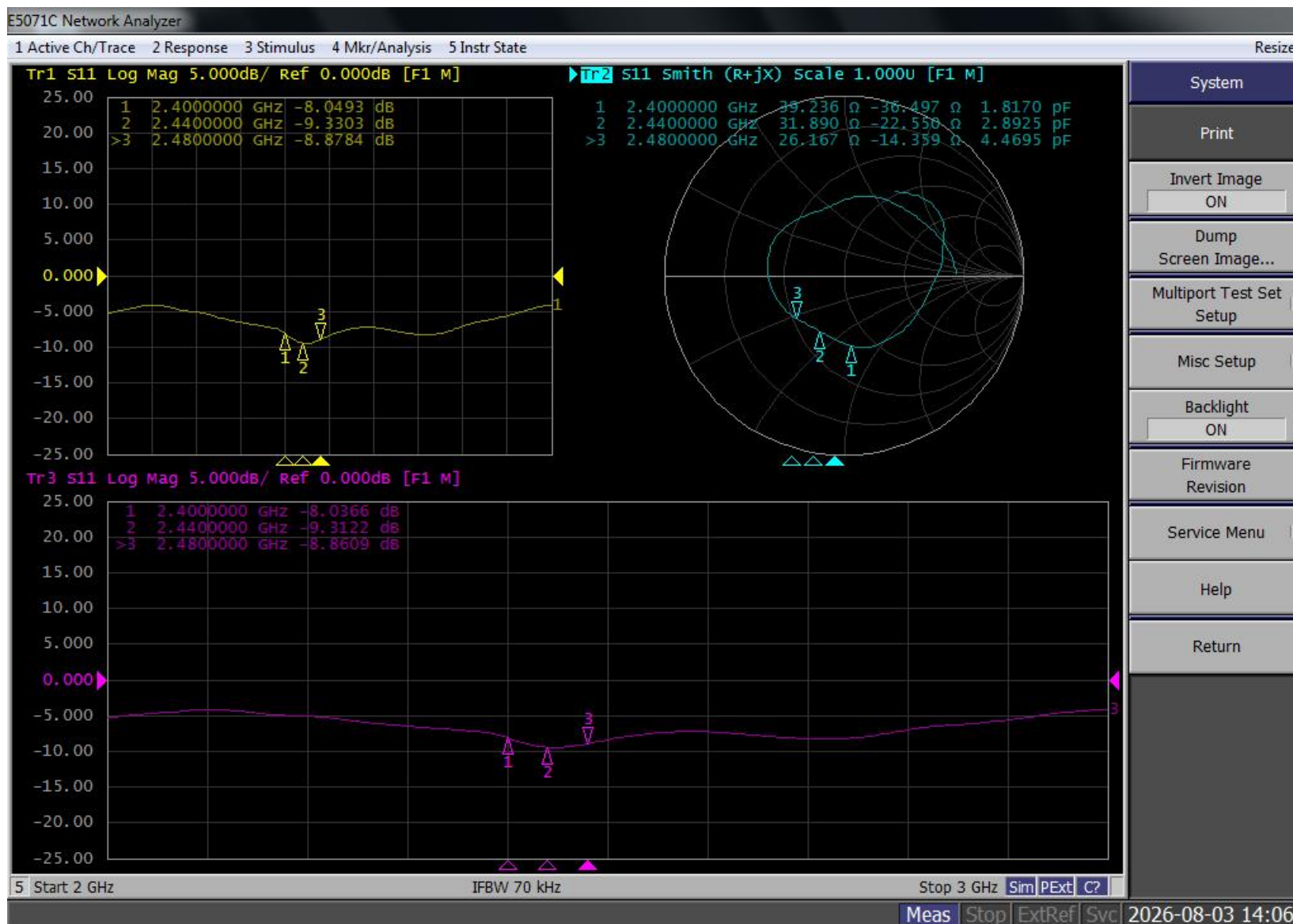


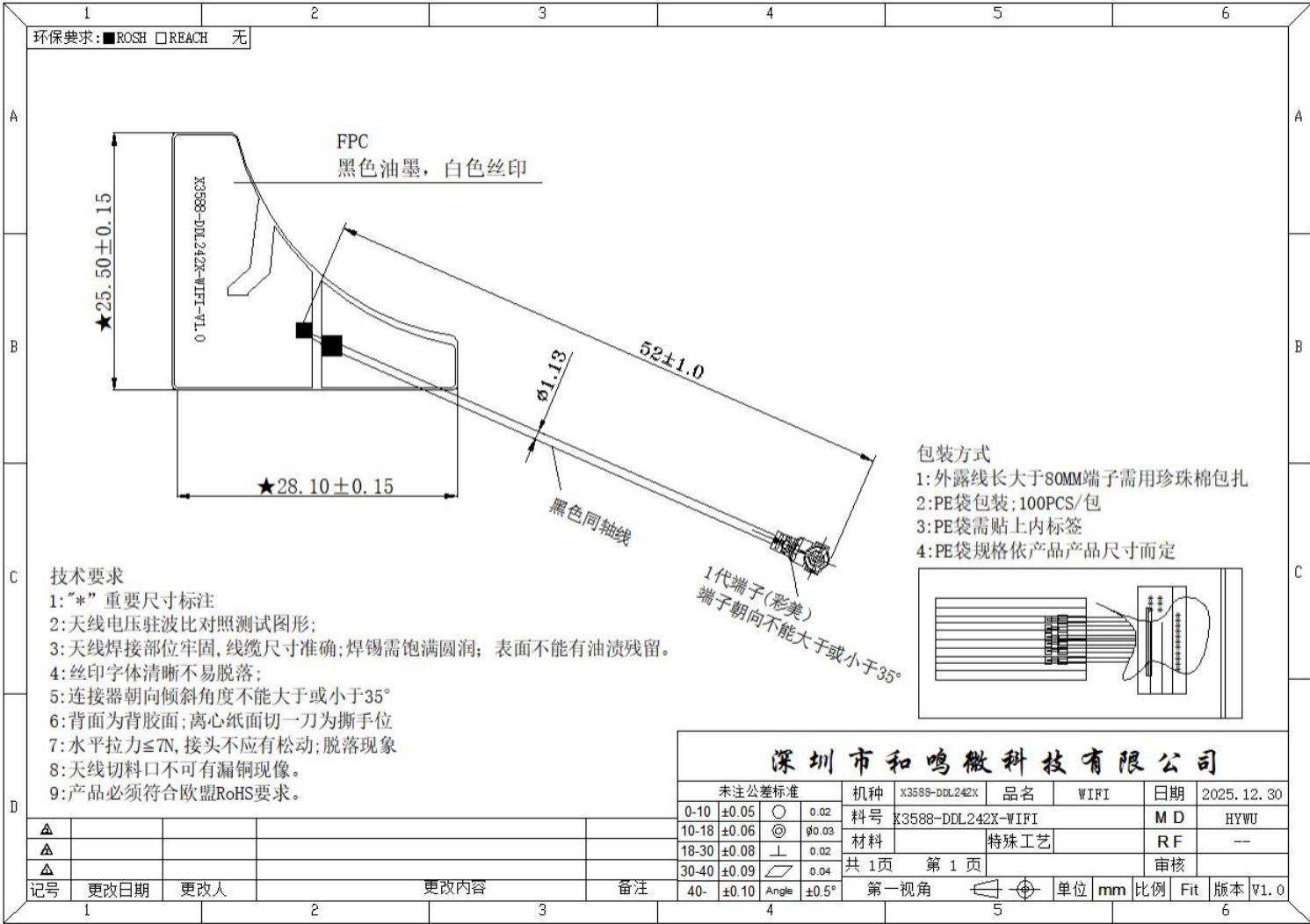
2500MHz





Passive Parameters







Thank You for Watching!

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