

FN-LINK TECHNOLOGY Ltd.

CUSTOMER APPROVED BY

Approved by

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Prepared by

SUPPLIER APPROVED BY

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Prepared by

Supplier Name: FN-LINK TECHNOLOGY Ltd.

Supplier Address: Office Address: 14th Floor, Block B, Phoenix Zhigu, No.50 Tiezai Road, Gongle Community, Xixiang Street, Baoan District, Shenzhen, China 518000

Supplier Factory: Factory address: No.8, Litong Road, Liuyang Economic & Technical Development Zone, Changsha, Hunan, China 41032

Phone number: 86-755-2955-8186
website: www.fn-link.com

antenna testing

Customer	Location
Project Name	W620H
Customer NO.	LEAEA100019A0
specification	Steel sheet antenna, dimensions 29.95*17.9*6.9, material 301 stainless steel, T=0.3mm, surface plated Nickel, 620H US version
Supplier NO.	0233040009
Specification NO.	
Write by	Wei Yuanji
REV.	Ver.1
Date	2025-7-22
Note	

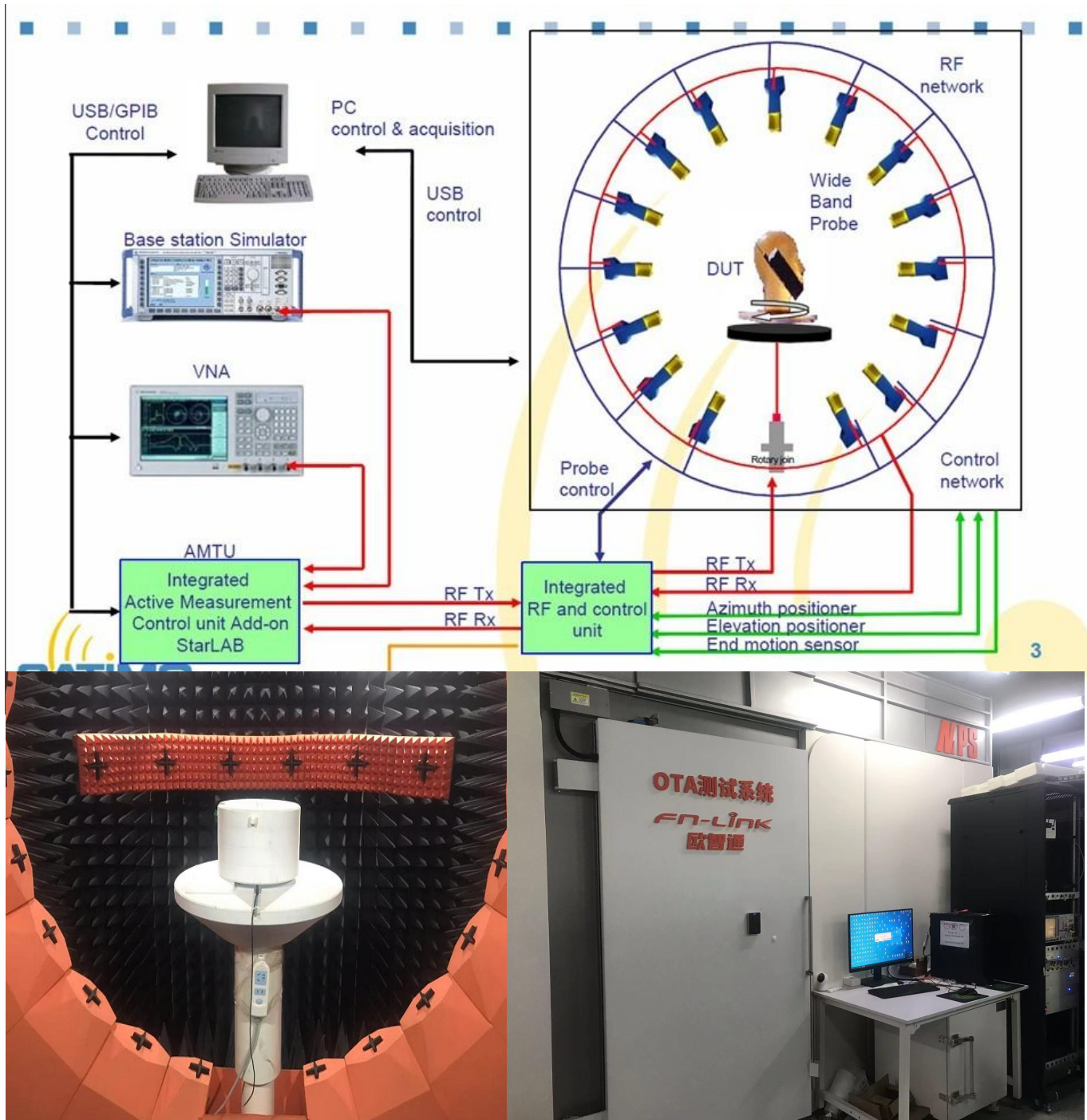
Version change log				
Change date	Change content	version	Change person	Approved by

(Test Equipment & Conditions)

1.1 . Network Analyzers : KEYSIGHT P5002A
1.2 . Communications Test Set: R&S CMW 500

1.3 . 3D Chamber Test System: (24 probe testing system)

1. Testing principle diagram of microwave anechoic chamber

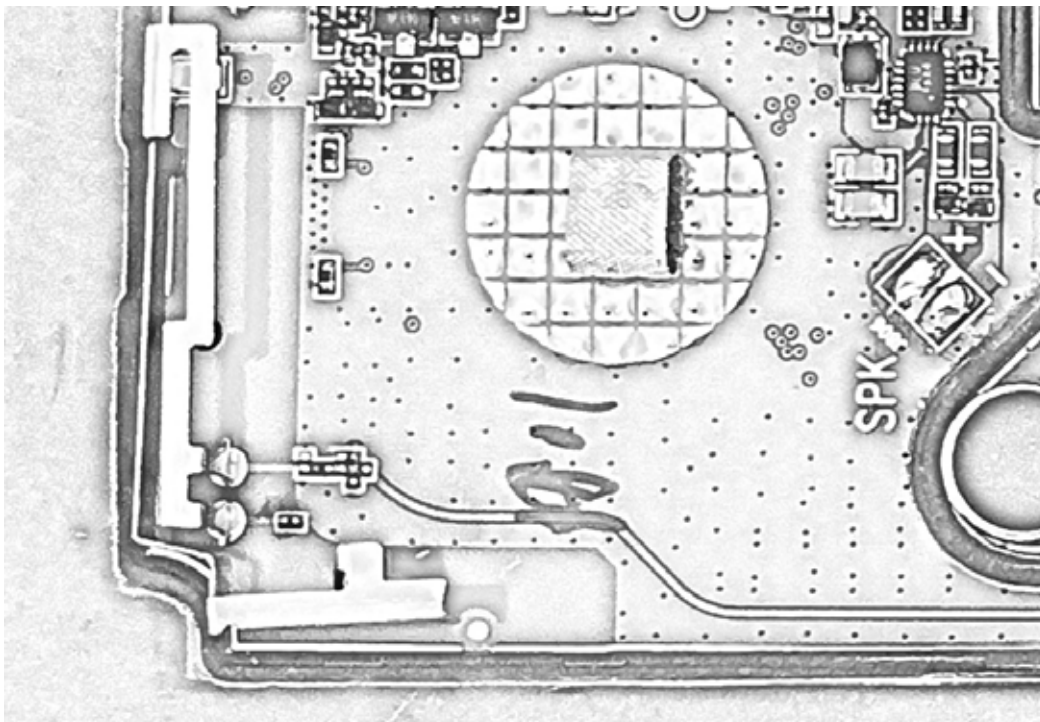


2. Explanation.

This report summarizes the electrical performance results of the antenna for the project, including the S11 parameters, Gain, and Efficiency of the antenna

Directory

1. Overall machine description
2. Debug data reports
3. Test data



Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
900	46.21	-3.72	0.87
902	46.79	-3.6	1.03
904	45.68	-2.82	1.84
906	44.21	-3.25	1.36
908	43.65	-2.91	1.54
910	44.68	-3.15	1.05
912	45.6	-3.02	1.39
914	47.32	-2.7	1.96
916	48.54	-2.82	2
918	48.6	-2.4	2.52
920	48	-2.51	2.36
922	48.01	-2.76	2.07
924	47.44	-2.58	2.26
926	47.02	-3.15	1.7
928	46.96	-3.19	1.76
930	46.68	-3.99	1.7
932	46.29	-4.18	1.05
934	46.1	-3.89	1.42
936	46.03	-4.73	0.38
938	46.19	-4.2	0.62
940	46.81	-5.09	-0.64
942	46.68	-4.88	-0.73
944	45.81	-3.72	0.87
946	44.43	-3.6	1.03
948	42.92	-2.82	1.84
950	41.55	-3.25	1.36
952	41.37	-2.91	1.54
954	41.98	-9.62	1.05
956	42.52	-9.58	1.39
958	42.12	-10.28	1.96
960	40.37	-11.38	2
962	38.14	-11.08	2.52
964	35.58	-11.6	2.36
966	33.76	-12.69	2.07
968	33.14	-12.52	2.26
970	33.55	-12.51	1.7
972	33.53	-13.34	1.76
974	33.22	-13.91	1.13
976	32.05	-13.43	1.05
978	30.02	-13.32	1.42
980	27.5	-14.94	0.38

antenna Apple diagram Direction diagram

930.000MHz

