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担当
Accountable

客户导向
Customer oriented

DW008 satellite locator Project antenna commissioning report

Antenna Engineer: Wu Jiexiang
Report Edition: 20221223 V1.4





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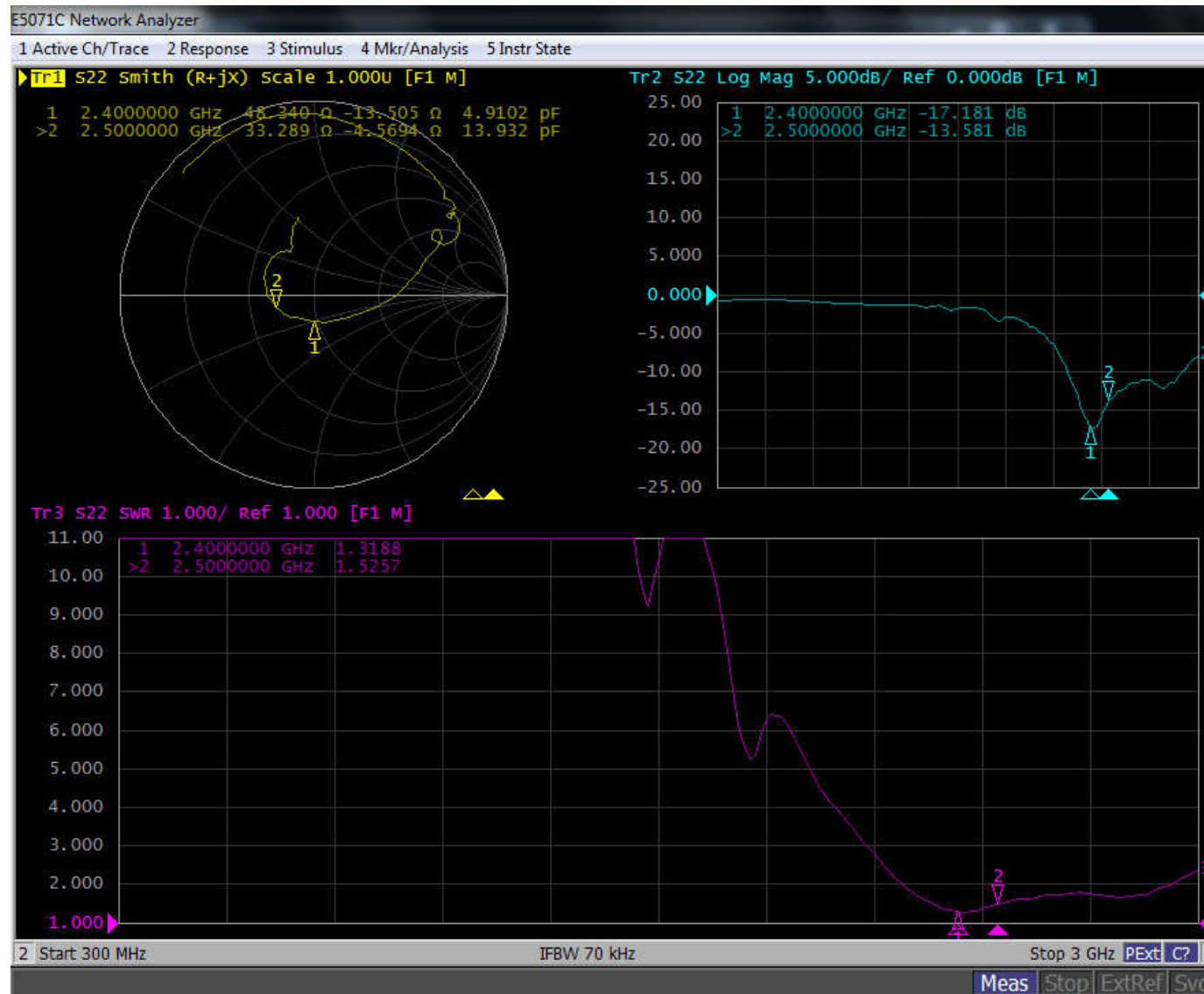
Antenna model	FPC	Type of antenna	PIFA
Test the software version	SPM 1.9	Antenna test system	MVG 16
laboratory	satimo	Test instruments	Agilent E5071B
Calibration date	2022/10/28		
Antenna supplier and address	Shenzhen Ruide Communication Technology Co., Ltd. Area B and D, 3rd Floor, Building 1, Baisha Science and Technology Industrial Park, No. 3011 Shahe West Road, Nanshan District, Shenzhen		

BT antenna matching circuit

Illustration number	Match the value
E1	NC
E2	0 Ω
E3	NC

BT antenna passive debugging S-parameters

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BT antenna passive debugging parameters

(BT) Bluetooth antenna efficiency			
Frequency MHz	Efficiency(%)	Efficiency (dB)	Gain
2400	59%	-2.30	1.50
2410	58%	-2.36	1.48
2420	57%	-2.45	1.45
2430	58%	-2.35	1.48
2440	58%	-2.39	1.47
2450	57%	-2.43	1.45
2460	58%	-2.34	1.48
2470	59%	-2.32	1.49
2480	59%	-2.30	1.50
2490	59%	-2.29	1.50
2500	59%	-2.27	1.50
Avg	58%	-2.35	1.50

The image shows a bright, modern office reception area. In the foreground, there is a long, white marble reception desk with a gold-colored base. On the desk, there is a potted orchid with purple flowers and some office supplies. Behind the desk, a large glass wall features the 'TINNO' logo. In the background, there is a seating area with several beige armchairs and a small table. The floor is made of large, light-colored tiles. The overall atmosphere is clean and professional.

TINNO

THANKS

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