



根通通信技术有限公司
Gentong Communication Technology Co.,Ltd

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Gentong Communication Technology Co.,Ltd

BT Skyline acceptance letter

Name :BTA512

1. Passive test fixture

Objective: To test the passive parameters of antenna as accurately as possible.
Production method: The hand mechanism is a 50 ohm coaxial cable, one end of which is connected to the test point at the back end of the matching circuit (front end of the RF test hole) of the mobile phone motherboard, and the other end is connected to the SMA connector.

2. S11 test

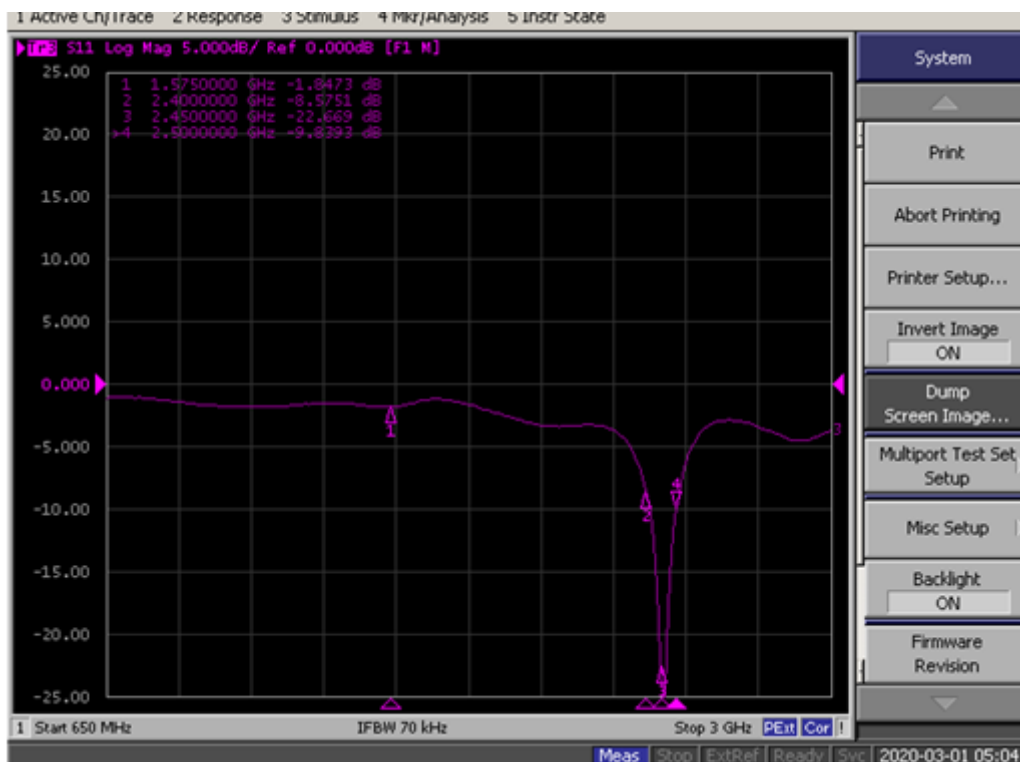
S11 Test Method Description:

Test equipment: Network analyzer (Agilent 8753D)

Test method: A 50 ohm CABLE is exported from the instrument test port, and the SMA connector of the hand mechanism is connected after calibration with the calibration component. The return loss and standing wave ratio corresponding to the relevant frequency points are recorded.

3 Argument

frequency (MHZ)	2400	2450	2500
Return loss (dB)	-8.57	-22.66	-9.83
Standing-wave ratio	1.3	1.26	1.29

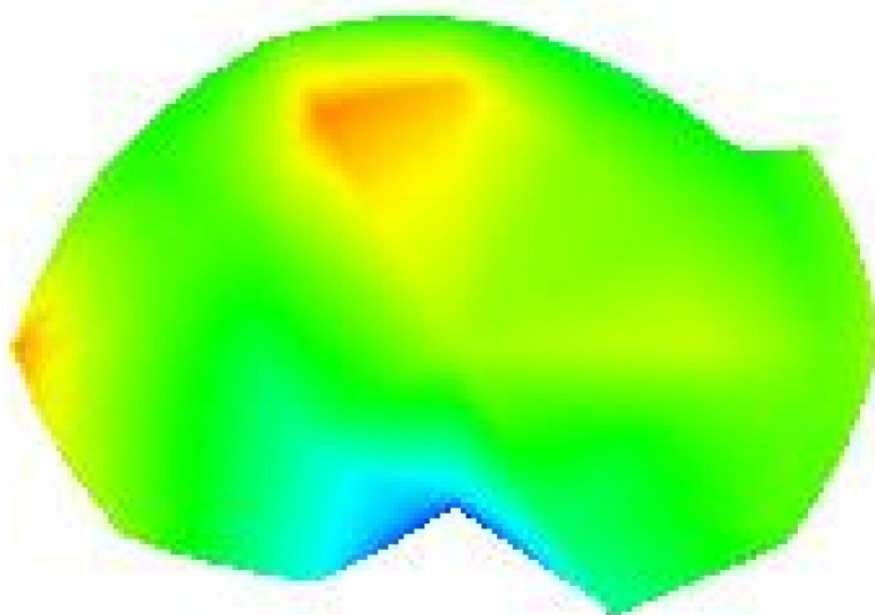




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4 Antenna Test Report

Freq	Effi	Effi	Gain
(MHz)	(%)	(dB)	(dBi)
2400	38.83	-0.41	-0.57
2420	40.12	-0.39	-0.03
2440	40.33	-0.39	-0.05
2460	39.39	-0.40	-0.05
2480	38.52	-0.41	0.0
2500	36.55	-0.43	-0.17





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5 Size

9.5*4.3MM

