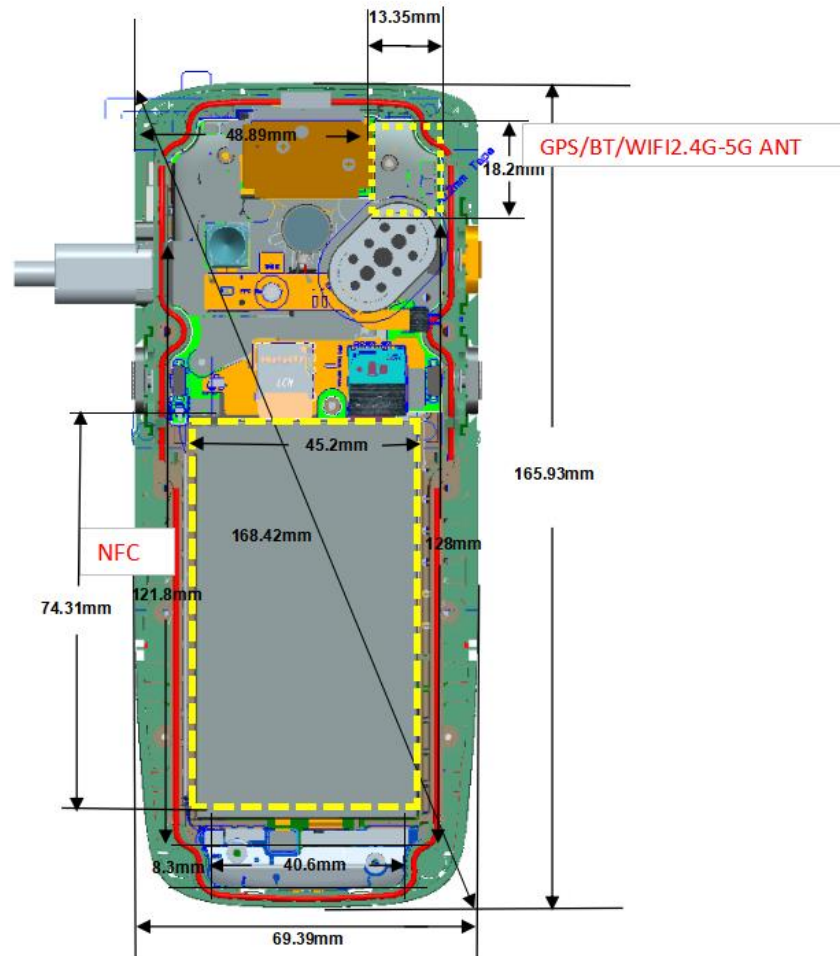




Antenna model name:

GPS/2.4G-5G WIFI/BT:XQT418-4IN1-V2.1

NFC: NF-C-F9-R0-183

Antenna type :PIFA

Antenna type :Coil

Antenna manufacturer. aian measui=rement agency name:

GPS/2.4G-5G WIFI/BT: Demen Electronic Technology Co., Ltd.

NFC: INPAQ TECHNOLOGY CO., LTD.

Test Equipment&Environment

Equipment&Environment:

3D Microwave chamber (7M*3M*3M))

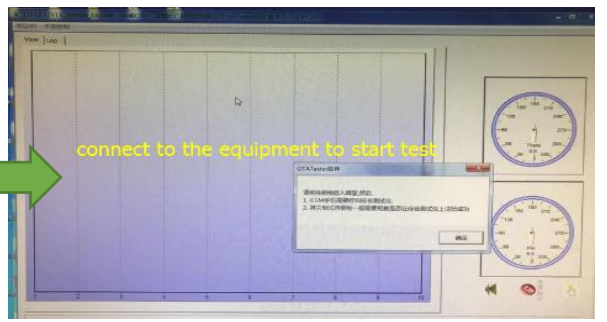
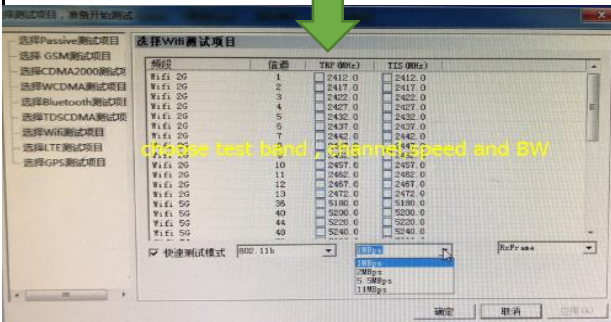
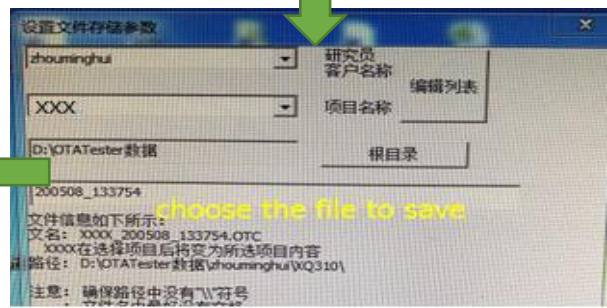
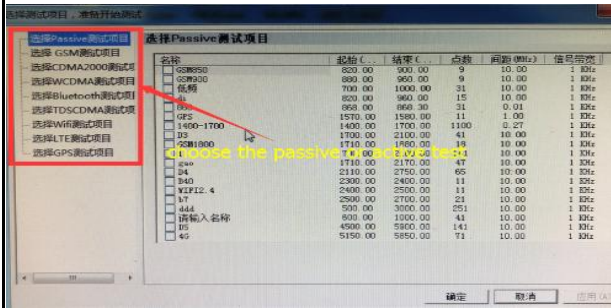
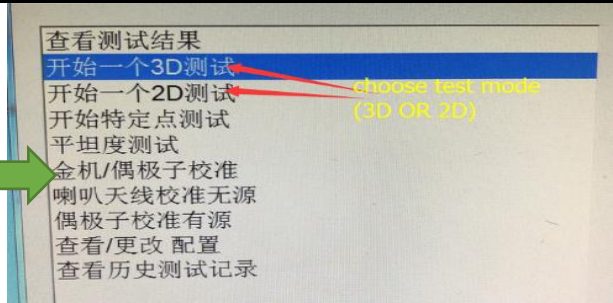
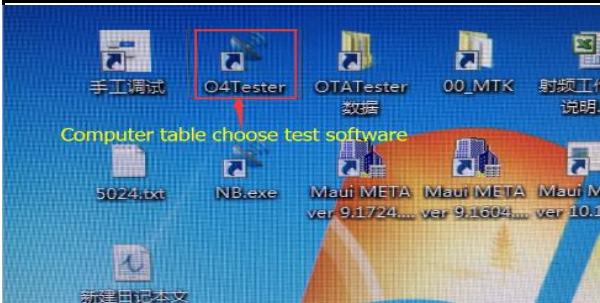
ROHDE&SCHWARZ CMW500

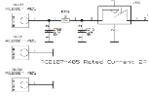
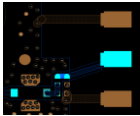
Agilent 8960 SERIES 10 E5515C

KEYSIGHT E5071C Network Analyzer

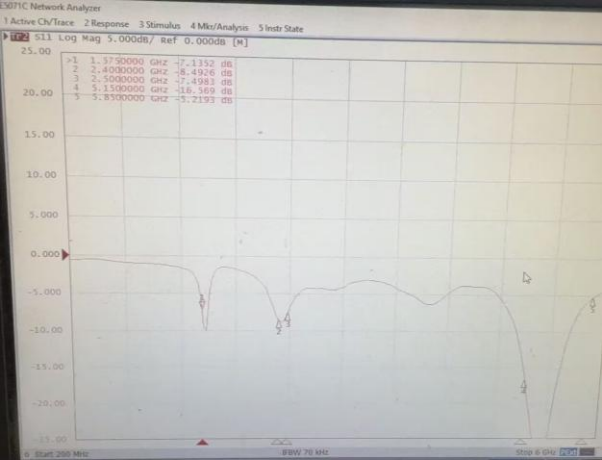


Test Step	
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GPS-WIFI-BT ANT SCH	GPS-WIFI-BT ANT LAYOUT	GPS-WIFI-BT ANT Matching									
		主路匹配	主天线								
		Element	Value								
		C705	NC								
		R703	0R								
		C713	NC								

GPS-WIFI-BT ANT S11	GPS-WIFI-BT ANT EFFICIENCY
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Fre	Efifi(.db)	Efifi(%)	Peak Gain(dBi)
1550	-6.01	25.07%	-1.81
1555	-5.85	26.03%	-1.67
1560	-5.68	27.04%	-1.59
1565	-5.47	28.39%	-1.46
1570	-5.25	29.82%	-1.28
1575	-5.10	30.90%	-1.14
1580	-4.95	32.00%	-1.04
1585	-4.78	33.27%	-0.97
1590	-4.60	34.68%	-0.90
1595	-4.50	35.46%	-0.87
1600	-4.51	35.39%	-0.89
2400	-3.59	43.78%	0.95
2410	-3.55	44.18%	0.91
2420	-3.40	45.69%	1.07
2430	-3.37	46.01%	1.08
2440	-3.34	46.39%	1.13
2450	-3.36	46.16%	1.11
2460	-3.52	44.47%	0.96
2470	-3.54	44.29%	0.93
2480	-3.50	44.63%	0.94
2490	-3.75	42.13%	0.70
2500	-3.80	41.70%	0.63
5150	-4.80	33.14%	0.25
5200	-4.79	33.16%	0.64
5250	-4.94	32.09%	1.02
5300	-4.37	36.56%	1.97
5350	-4.69	33.97%	1.60
5400	-4.40	36.28%	1.46
5450	-4.08	39.06%	1.51
5500	-3.82	41.51%	1.68
5550	-4.45	35.88%	0.77
5600	-4.52	35.28%	1.17
5650	-4.13	38.67%	1.82
5700	-4.10	38.87%	1.96
5750	-4.93	32.17%	0.99
5800	-4.80	33.15%	1.02
5850	-5.12	30.75%	0.63

3D场型图

