



Sony Ericsson

TEST & CALIBRATION

- electrical -



Txt pro, CK15i, CK15a

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This product is ONLY implemented in SERP II

1 Go/NoGo Testing

This Go/NoGo testing has to be carried out with:

- Antenna Coupler, testing only one GSM band.

For more information on Antenna Coupler and Cable in shield box testing, refer to 1220-1336: Generic Repair Manual – electrical, section ‘Setup Go/NoGo Test’!

For part no’s on the equipment below, refer to the ‘Tools Catalogue/Matrix’!

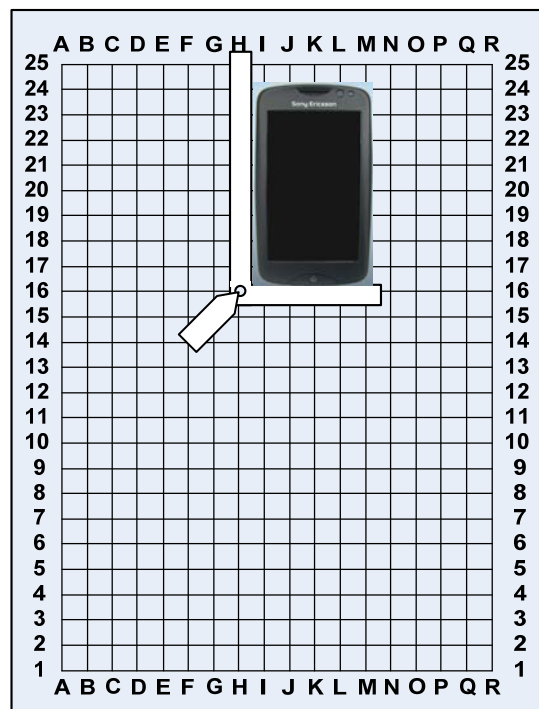
1.1 Antenna Coupler

The following equipment has to be used:

- Rohde & Schwartz RF Shield Package
 - Rohde & Schwartz RF Shield Box
 - Rohde & Schwartz RF Coupler
 - Grid Positioning Holder
- RF Test Cable Flexible 1M
- RF Adapter for RF Shield Box
- USIM Card, instrument specific

GSM-850/900/1800/1900

Put the grid positioning holder with its reference point in position **H16** and place the phone as shown in the adjacent picture.



Go/NoGo Testing

1.2 Attenuation Factors

The attenuation values listed below in 1.2.1 are valid only when the equipment listed on the previous pages is being used!

1.2.1 Loss Values – Antenna Coupler

Band	Channel	Attenuation CK15i		Attenuation CK15a	
		Rx	Tx	Rx	Tx
GSM 850	Low	7.00	8.10	7.00	7.60
	Mid	7.00	8.00	7.00	7.90
	High	7.00	7.95	7.00	7.65
GSM 900	Low	11.00	7.10	11.00	6.70
	Mid	9.00	7.85	11.00	7.90
	High	13.00	9.70	13.00	10.30
GSM 1800	Low	17.00	16.85	17.00	17.65
	Mid	18.00	15.12	18.00	14.45
	High	17.00	14.90	17.00	15.50
GSM 1900	Low	17.00	19.40	17.00	18.40
	Mid	17.00	19.14	17.00	18.14
	High	17.40	19.07	17.00	18.07

Go/NoGo Testing

Follow the directions stated in 'Go/NoGo Test Script Parameters' to be found in 1220-1336: Generic Repair Manual – electrical, together with the 'Attenuation Factors' below!

This phone is available as two versions, CK15i and CK15a, including the following bands:

CK15i:

GSM-850/900/1800/1900

CK15a:

GSM-850/900/1800/1900

If the test fails, troubleshoot according to the *1246-9258 CK15 Troubleshooting Guide – electrical*.

1.2.2 Re-Customization

To be able to use the phone after GONOGO-R Tests the appropriate signaling code for the desired operator has to be reloaded.

If applicable, a Content Refresh has to be done refer to *1246-9264 CK15 Customization* for more details on Customization.



2 Revision History

Rev.	Date	Changes / Comments
1	2011-Jun-24	Initial release