

Go/No Go Test

- electrical -



Xperia™ sola

MT27

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This product is ONLY implemented in SERP II

1 Go/No Go Testing

This Go/No Go testing has to be carried out in one way, with an:

- Antenna Coupler.

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

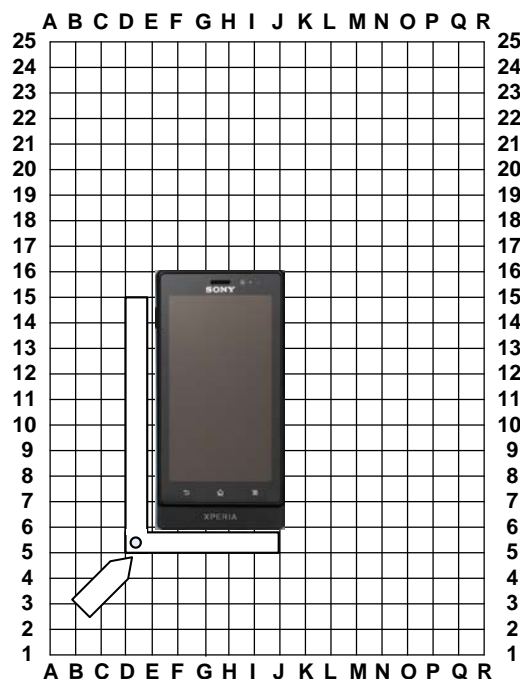
The following equipment has to be used:

- 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

WCDMA-850/900/1900/2100

Put the grid positioning holder with its reference point in position **D5** and place the phone as shown in the adjacent picture.



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 in one version, MT27i, including the following bands:

MT27i:

GSM-850/900/1800/1900

WCDMA-850/900/1900/2100

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 MT27i	
		Rx	Tx
GSM 850	Low	9.50	15.97
	Mid	7.50	13.09
	High	6.00	10.41
GSM 900	Low	9.00	7.01
	Mid	8.00	7.39
	High	8.00	7.65
GSM 1800	Low	11.00	13.36
	Mid	11.00	14.51
	High	11.00	11.78
GSM 1900	Low	10.00	9.78
	Mid	8.00	9.97
	High	7.00	8.97
WCDMA 850	Low	8.00	14.12
	Mid	8.00	13.14
	High	7.00	11.61
WCDMA 900	Low	8.00	9.13
	Mid	8.00	12.15
	High	7.00	9.62
WCDMA 1900	Low	7.00	10.64
	Mid	6.00	9.87
	High	7.00	9.15
WCDMA 2100	Low	12.50	9.25
	Mid	15.00	7.95
	High	17.50	6.90

2 Revision History

Rev.	Date	Changes / Comments
1	2012-May-2	Initial release