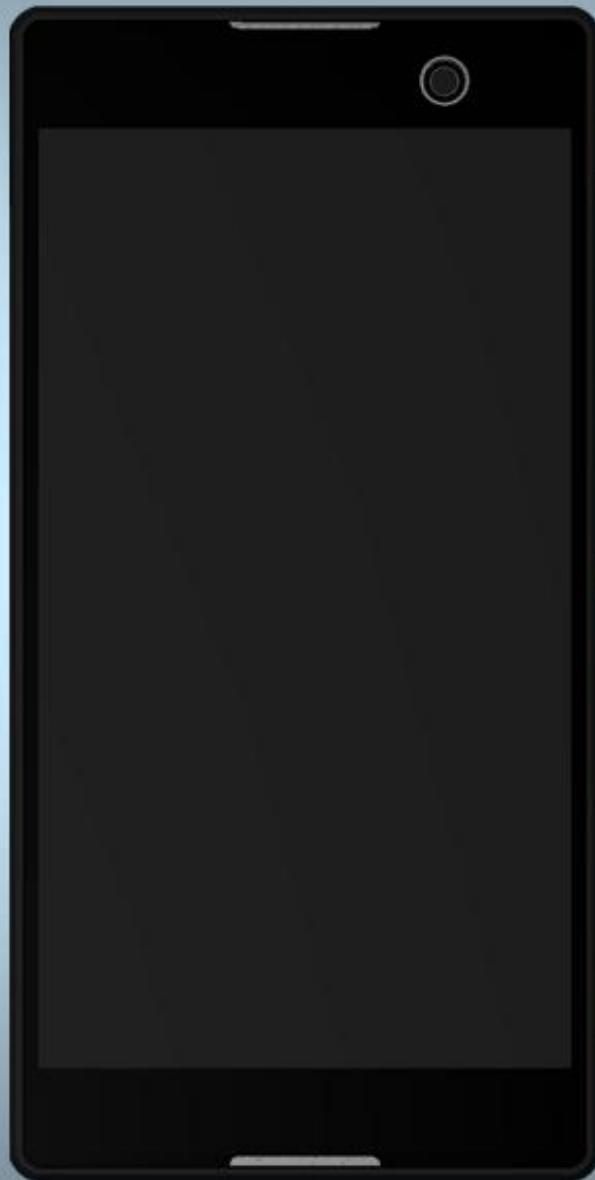


# Go/No Go Test



*Xperia™ C3 Dual*  
*S55t, S55u, D2502*

*Xperia™ C3*  
*D2533*

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***D2502 is only implemented in SERP11.***

***D2533 no LTE bands is implemented in SERP11.***

***S55t no TD-SCDMA, no LTE bands is implemented in SERP11.***

***S55t only TD-SCDMA bands is implemented in Sony Lector.***

***S55u no LTE bands is implemented in SERP11.***

## Go/No Go Testing

This Go/No Go testing has to be carried out 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 D2502, D2533, S55t and S55u no LTE

The following equipment has to be used:

- Rohde & Schwartz RF Shield Package
  - Rohde & Schwartz RF Shield Box CMU-Z11
  - Rohde & Schwartz RF Coupler
  - Grid Positioning Holder
- RF Test Cable Flexible 1M
- RF Adapter for RF Shield Box
- Micro USIM Card, instrument specific

**GSM-850/900/1800/1900**

**WCDMA-850/900/1900/2100**

**TD-SCDMA-BAND 34/39**

Put the grid positioning holder with its reference point in position **F11** and place the phone as shown in the adjacent picture.

### 1.2 Antenna Coupler D2533 S55t and S55u no TD-SCDMA bands

The following equipment has to be used:

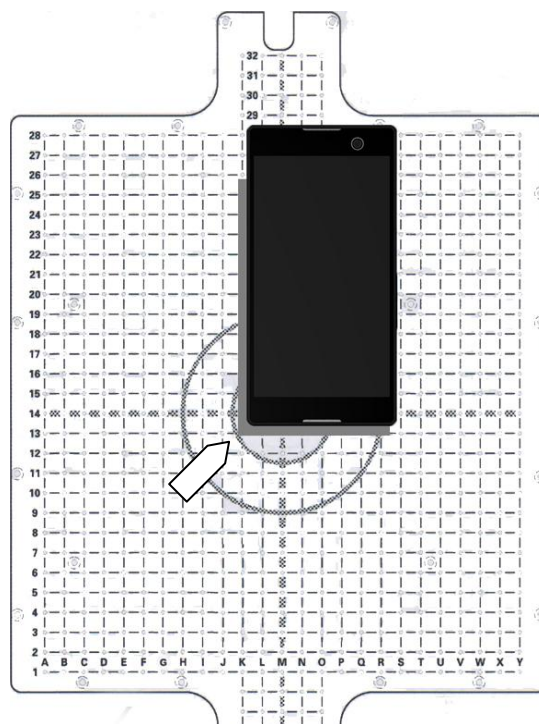
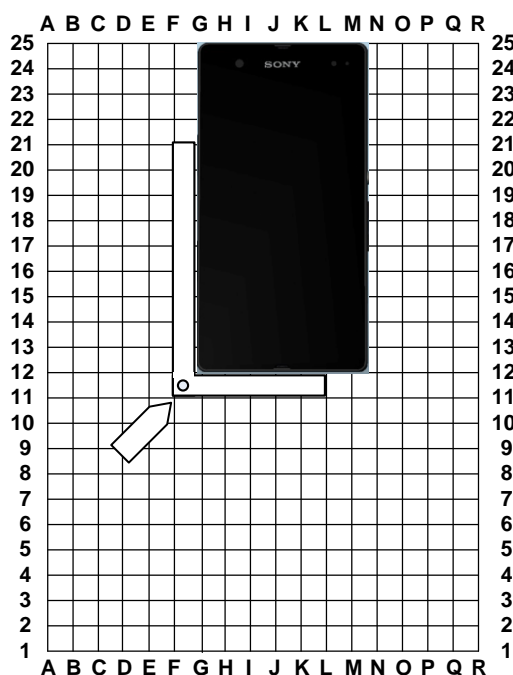
- Rohde & Schwartz RF Shield Package
  - Rohde & Schwartz RF Shield Box CMW-Z11
  - Rohde & Schwartz RF Coupler
  - Grid Positioning Holder
- RF Test Cable Flexible 1M
- RF Adapter for RF Shield Box
- Micro USIM Card, instrument specific

**GSM-850/900/1800/1900**

**WCDMA-850/900/1900/2100**

**LTE-BAND 1/3/7/8/38/39/40/41**

Put the grid positioning holder with its reference point in position **K13** 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 4 versions, D2502, D2533, S55t and S55u including the following bands:

### D2502:

GSM-850/900/1800/1900  
WCDMA-850/900/1900/2100

### D2533:

GSM-850/900/1800/1900  
WCDMA-850/900/1900/2100  
LTE Band 1/3/7/8/28

Not to be tested in SERP only in CMWRun

### S55t:

GSM-850/900/1800/1900  
WCDMA-850/900/1900/2100  
LTE Band 1/3/7/38/39/40/41  
TD-SCDMA-Band 34/39

Not to be tested in SERP only in CMWRun

Not to be tested in SERP only in Sony Lector

### S55u:

GSM-850/900/1800/1900  
WCDMA-850/900/1900/2100  
LTE Band 1/3/7/41

Not to be tested in SERP only in CMWRun

## Go/NoGo Testing

### 1.3 Attenuation Factors

*The attenuation values listed below in 1.3.1 ~ 1.3.4 is valid only when the equipment listed on the previous pages is being used!*

#### 1.3.1 Loss Values – Antenna Coupler CMU-Z11, D2502 and D2533

Band	Channel	Attenuation D2502		Attenuation D2533	
		Rx	Tx	Rx	Tx
GSM 850	Low	11.00	15.47	11.00	15.47
	Mid	9.00	14.10	9.00	14.10
	High	7.00	13.14	7.00	13.14
GSM 900	Low	9.00	11.48	9.00	11.48
	Mid	9.00	11.36	9.00	11.36
	High	9.00	10.00	9.00	10.00
GSM 1800	Low	22.05	22.98	22.05	22.98
	Mid	18.50	18.80	18.50	18.80
	High	19.00	17.94	19.00	17.94
GSM 1900	Low	19.00	18.90	19.00	18.90
	Mid	21.00	17.44	21.00	17.44
	High	21.00	19.47	21.00	19.47
WCDMA 850	Low	11.00	13.89	11.00	13.89
	Mid	10.00	13.31	10.00	13.31
	High	9.00	12.34	9.00	12.34
WCDMA 900	Low	8.50	9.32	8.50	9.32
	Mid	9.50	8.32	9.50	8.32
	High	11.00	7.71	11.00	7.71
WCDMA 1900	Low	19.50	18.65	19.50	18.65
	Mid	20.00	15.50	20.00	15.50
	High	22.00	15.34	22.00	15.34
WCDMA 2100	Low	21.00	16.91	21.00	16.91
	Mid	19.50	18.74	19.50	18.74
	High	20.00	20.78	20.00	20.78

## Go/NoGo Testing

### 1.3.2 Loss Values – Antenna Coupler CMU-Z11, S55t and S55u

Band	Channel	Attenuation S55t		Attenuation S55u	
		Rx	Tx	Rx	Tx
GSM 850	Low	9.00	16.39	9.00	16.39
	Mid	9.00	15.03	9.00	15.03
	High	9.00	13.47	9.00	13.47
GSM 900	Low	7.00	10.07	7.00	10.07
	Mid	9.00	8.07	9.00	8.07
	High	11.00	7.92	11.00	7.92
GSM 1800	Low	17.00	20.72	17.00	20.72
	Mid	17.00	18.22	17.00	18.22
	High	16.00	17.68	16.00	17.68
GSM 1900	Low	20.00	12.89	20.00	12.89
	Mid	21.00	12.36	21.00	12.36
	High	21.00	14.35	21.00	14.35
WCDMA 850	Low	8.50	14.78	8.50	14.78
	Mid	7.00	13.71	7.00	13.71
	High	7.00	12.10	7.00	12.10
WCDMA 900	Low	7.00	7.79	7.00	7.79
	Mid	8.00	6.84	8.00	6.84
	High	10.50	6.52	10.50	6.52
WCDMA 1900	Low	17.00	17.14	17.00	17.14
	Mid	19.50	14.55	19.50	14.55
	High	20.50	15.82	20.50	15.82
WCDMA 2100	Low	17.00	16.31	17.00	16.31
	Mid	17.00	19.05	17.00	19.05
	High	16.50	19.95	16.50	19.95
TD-SCDMA 34	Low	16.00	14.86		
	Mid	16.00	15.43		
	High	16.00	15.78		
TD-SCDMA 39	Low	16.00	15.27		
	Mid	16.00	15.08		
	High	16.00	15.99		

## Go/NoGo Testing

### 1.3.3 Loss Values – Antenna Coupler CMW-Z11, S55t and S55u

Band	Channel	Attenuation S55t		Attenuation S55u	
		Rx	Tx	Rx	Tx
GSM 850	Low	15.00	11.60	14.00	11.00
	Mid	15.00	12.30	14.00	11.00
	High	14.00	12.30	13.00	11.20
GSM 900	Low	7.00	14.00	16.00	13.00
	Mid	24.00	13.40	23.00	13.00
	High	28.00	15.00	25.00	15.00
GSM 1800	Low	12.00	18.20	13.00	15.00
	Mid	14.00	11.00	15.00	12.00
	High	15.00	10.00	15.00	11.00
GSM 1900	Low	16.00	14.00	16.00	15.00
	Mid	20.00	13.10	20.00	14.00
	High	25.00	13.70	25.00	14.00
WCDMA 850	Low	16.00	5.90	15.00	28.20
	Mid	16.00	6.80	15.00	27.70
	High	17.00	7.60	16.00	26.70
WCDMA 900	Low	20.00	7.00	19.00	27.00
	Mid	25.00	6.70	24.00	27.00
	High	29.00	7.20	27.00	26.20
WCDMA 1900	Low	18.00	14.90	18.00	15.30
	Mid	21.00	14.30	22.00	14.50
	High	25.00	14.00	25.00	14.00
WCDMA 2100	Low	31.00	13.50	30.00	13.60
	Mid	30.00	18.00	29.00	18.00
	High	22.00	20.40	22.00	21.10
LTE BAND 1	Low	22.00	15.70	22.00	15.80
	Mid	30.00	18.00	29.00	18.00
	High	21.00	22.30	21.00	22.50
LTE BAND 3	Low	11.00	13.40	11.00	13.80
	Mid	14.00	11.00	14.00	12.40
	High	14.00	10.00	14.00	11.20
LTE BAND 7	Low	16.00	14.50	16.00	14.00
	Mid	15.00	15.00	15.00	14.50
	High	14.00	15.70	14.00	15.50

## Go/NoGo Testing

Band	Channel	Attenuation S55t		Attenuation S55u	
		Rx	Tx	Rx	Tx
LTE BAND 38	Low	14.00	14.40		
	Mid	16.00	15.20		
	High	16.00	15.80		
LTE BAND 39	Low	15.00	10.00		
	Mid	14.00	10.00		
	High	14.00	14.70		
LTE BAND 40	Low	16.00	15.50		
	Mid	13.00	17.00		
	High	13.00	12.50		
LTE BAND 41	Low	12.00	13.20	12.00	12.60
	Mid	15.00	15.50	15.00	15.50
	High	14.00	16.40	14.00	16.10



## Go/NoGo Testing

### 1.3.4 Loss Values – Antenna Coupler CMW-Z11, D2533

Band	Channel	Attenuation D2533	
		Rx	Tx
GSM 850	Low	12.00	10.45
	Mid	10.50	10.95
	High	10.50	12.05
GSM 900	Low	14.00	11.55
	Mid	14.00	10.80
	High	16.00	12.50
GSM 1800	Low	11.50	11.95
	Mid	11.00	10.45
	High	12.00	9.25
GSM 1900	Low	13.00	11.40
	Mid	12.50	11.40
	High	12.50	12.65
WCDMA 850	Low	13.50	9.90
	Mid	11.00	10.50
	High	11.00	11.25
WCDMA 900	Low	16.00	9.25
	Mid	16.00	9.45
	High	17.00	11.35
WCDMA 1900	Low	14.50	10.90
	Mid	14.00	10.50
	High	15.00	10.80
WCDMA 2100	Low	16.00	10.00
	Mid	15.00	12.05
	High	15.50	11.20
LTE BAND 1	Low	13.50	11.70
	Mid	15.00	12.05
	High	13.00	12.55
LTE BAND 3	Low	10.50	12.20
	Mid	11.00	11.75
	High	10.50	11.35
LTE BAND 7	Low	15.50	16.90
	Mid	15.00	17.40
	High	15.00	17.60

## Go/NoGo Testing

Band	Channel	Attenuation D2533	
		Rx	Tx
LTE BAND 8	Low	15.50	11.80
	Mid	15.50	11.95
	High	16.50	13.20

## 2 Revision History

Rev.	Date	Changes / Comments
1	2014-07-24	Initial release
2	2014-07-30	Added S55t LTE test
3	2014-08-07	Added S55u to SERP and CWMRun
4	2014-08-14	Added D2503 and D2533 to SERP
5	2014-08-27	Added D2533 to CMWRun