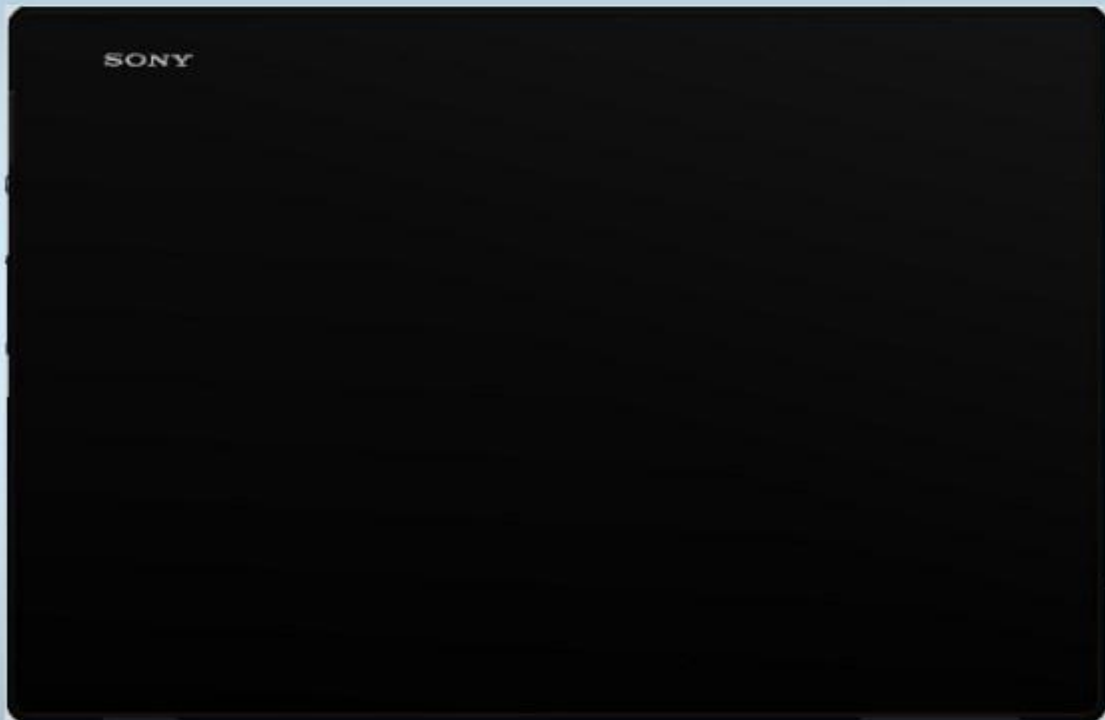


Go/No Go Test



Xperia™ Tablet Z

SGP321, SGP341, SGP351 and SO-03E

CONTENTS

1 Go/No Go Testing 3

1.1 Antenna Coupler SGP321 SGP341 SGP351 and SO-03E 3

1.2 Antenna Coupler SGP321 SGP351 all bands 4

1.3 Attenuation Factors 6

1.3.1 Loss Values – Antenna Coupler CMU-Z11 6

1.3.2 Loss Values – Antenna Coupler CMW-Z11..... 7

2 Revision History 9

SGP321 and SGP351 all bands is ONLY implemented in CMWrun.

SGP321, SGP341, SGP351 and SO-03E no LTE is implemented in SERPII

1 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 SGP321 SGP341 SGP351 and SO-03E

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

WCDMA-850/900/1700/1900/2100

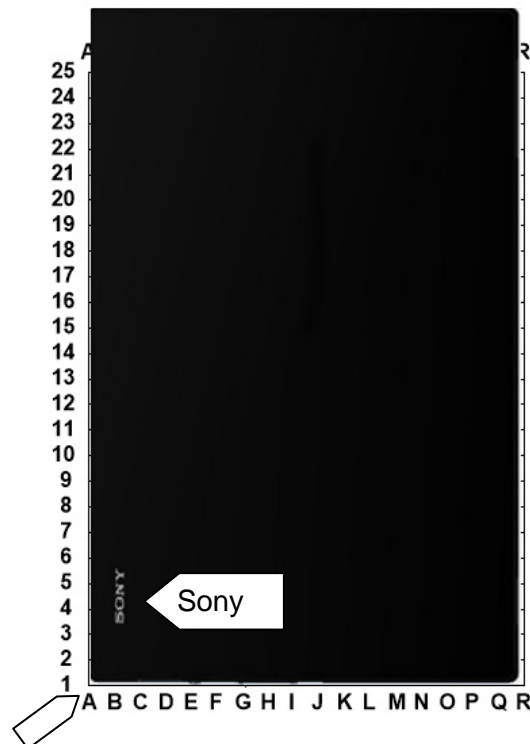
Place the phone as shown in the adjacent picture.

Position **A1**.

Remove RF and Data through connectors if mounted

Do not used grid positioning holder.

Close lid under test.



Go/NoGo Testing

1.2 Antenna Coupler SGP321 SGP351 all bands

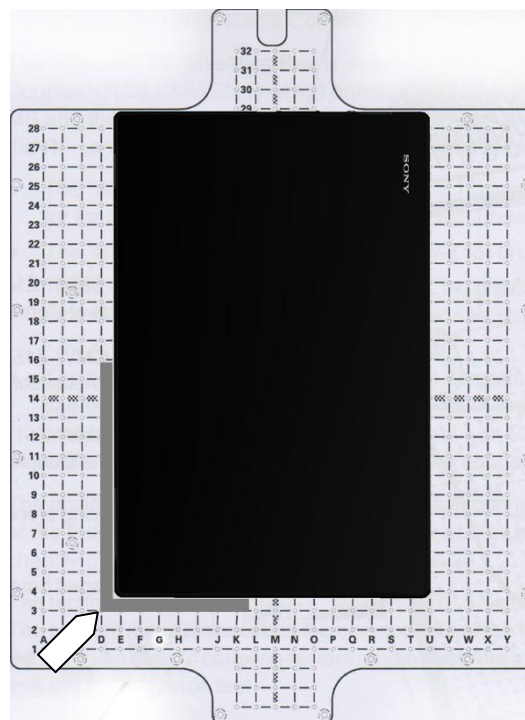
The following equipment has to be used:

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

WCDMA-850/900/1700/1900/2100

LTE-Band 1/3/4/5/7/8/20

Put the grid positioning holder with its reference point in position **D3** 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 variants, SGP321, SGP341, SGP351 and SO-03E including the following bands:

SGP321:

WCDMA-850/900/2100

LTE-Band 1/3/5/7/8/20

Not to be tested in SERPII.

SGP341:

WCDMA-850/900/1700/1900/2100

SGP351:

WCDMA-850/900/1700/1900/2100

LTE-Band 4

Not to be tested in SERPII.

SO-03E:

WCDMA-850/2100

WCDMA-800/800 Docomo.

LTE-Band: 1, 19 and 21

Not to be tested in SERPII.

Not to be tested in SERPII.

Go/NoGo Testing

1.3 Attenuation Factors

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

1.3.1 Loss Values – Antenna Coupler CMU-Z11

Band	Channel	Attenuation SGP321		Attenuation SGP 341 and SGP351		Attenuation SO-03E	
		Rx	Tx	Rx	Tx	Rx	Tx
WCDMA 850	Low	22.00	21.11	13.00	19.35	22.00	23.61
	Mid	23.00	22.46	10.00	21.33	23.00	21.86
	High	25.00	24.04	10.00	22.72	25.00	20.14
WCDMA 900	Low	15.00	14.95	16.00	11.98		
	Mid	15.00	13.25	19.00	11.42		
	High	15.00	16.24	21.50	14.02		
WCDMA 1700	Low			22.00	33.85		
	Mid			20.00	33.77		
	High			18.00	32.37		
WCDMA 1900	Low			33.00	31.59		
	Mid			33.00	32.08		
	High			33.00	31.04		
WCDMA 2100	Low	25.00	26.98	22.50	23.81	25.00	22.88
	Mid	25.00	19.75	19.50	19.01	25.00	22.75
	High	25.00	25.07	19.50	32.89	25.00	22.87

Go/NoGo Testing

1.3.2 Loss Values – Antenna Coupler CMW-Z11

Band	Channel	Attenuation SGP321		Attenuation SGP351	
		Rx	Tx	Rx	Tx
WCDMA 850	Low	19.00	16.40	19.00	24.00
	Mid	19.00	13.10	19.00	23.10
	High	20.00	13.15	20.00	23.50
WCDMA 900	Low	19.00	24.70	18.50	17.70
	Mid	18.00	24.30	20.00	18.95
	High	18.00	24.90	20.00	18.15
WCDMA 1700	Low			22.50	26.25
	Mid			24.50	32.65
	High			27.00	44.00
WCDMA 1900	Low			16.50	28.67
	Mid			15.50	24.60
	High			16.00	21.60
WCDMA 2100	Low	18.00	18.00	22.50	14.50
	Mid	19.00	18.40	25.00	13.19
	High	21.00	17.70	27.00	12.72
LTE BAND 1	Low	17.00	18.00		
	Mid	17.00	15.00		
	High	18.00	15.30		
LTE BAND 3	Low	20.00	21.50		
	Mid	18.00	31.00		
	High	18.00	23.60		
LTE BAND 4	Low			22.50	26.35
	Mid			24.00	32.60
	High			23.00	43.00
LTE BAND 5	Low	17.00	24.54		
	Mid	17.00	24.10		
	High	17.00	24.44		
LTE BAND 7	Low	25.00	26.00		
	Mid	23.00	28.13		
	High	23.00	28.77		
LTE BAND 8	Low	17.00	19.60		
	Mid	15.00	20.63		
	High	15.00	20.40		

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LTE BAND 20	Low	20.00	20.90		
	Mid	20.00	20.60		
	High	20.00	19.91		

2 Revision History

Rev.	Date	Changes / Comments
1	2013-May-16	Initial release
2	2013-Jul-03	Added SGP351, changed SGP321 attenuaion factors
3	2013-Jul-26	Changed SGP321 attenuation factors
4	2014-Feb-02	Added SGP321, SGP341, SGP351 and SO-03E to SERPII.
5	2014-Feb-15	CMU-Z11 Position changed to A1