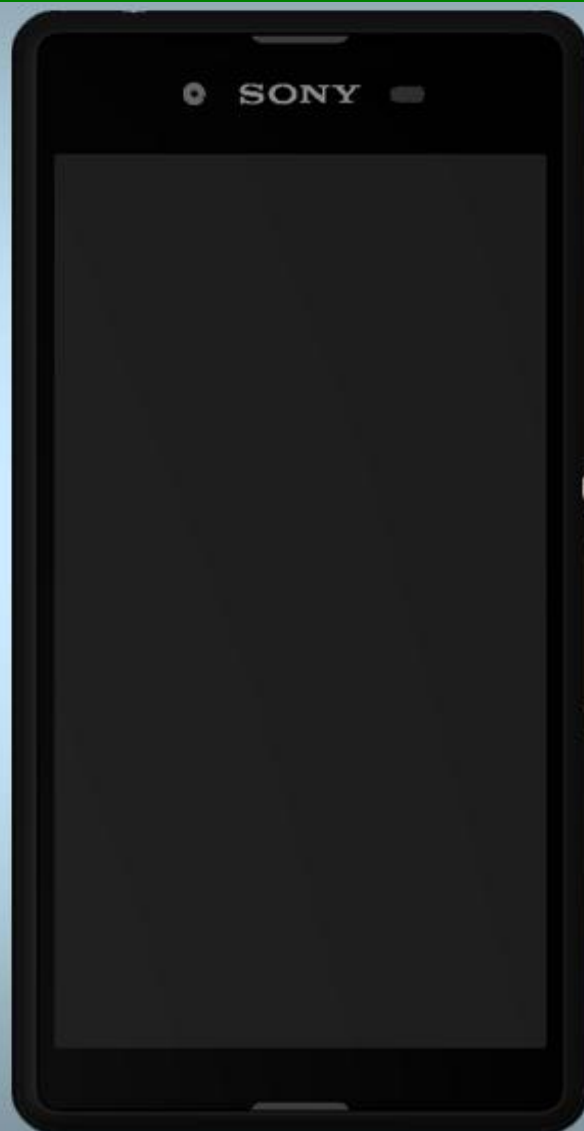


Go/No Go Test



Xperia™ E3

D2202, D2203, D2206, D2212, D2243

CONTENTS

1	Go/No Go Testing	3
1.1	Antenna Coupler D2202, D2203, D2206, D2212 and D2243 no LTE ..	3
1.2	Attenuation Factors	5
1.2.1	Loss Values – Antenna Coupler CMU-Z11, D2202, D2203 and D2212.....	5
1.2.2	Loss Values – Antenna Coupler CMU-Z11, D2206 and D2243	6
2	Revision History	7

D2202 is ONLY implemented in SERPII.
D2203 no LTE is implemented in SERPII.
D2206 no LTE is implemented in SERPII.
D2212 is ONLY implemented in SERPII.
D2243 no LTE is implemented in SERPII.

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 D2202, D2203, D2206, D2212 and D2243 no LTE

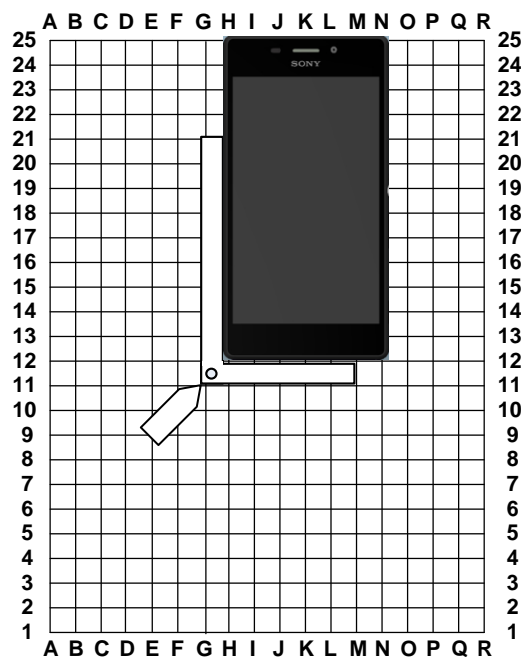
The following equipment has to be used:

- 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-850/900/1700/1900/2100

Put the grid positioning holder with its reference point in position **G11** and place the phone as shown in the adjacent



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 5 variants, D2202, D2203, D2206, D2212 and D2243 including the following bands:

D2202:

GSM-850/900/1800/1900

WCDMA-850/900/1900/2100

D2203:

GSM-850/900/1800/1900

WCDMA-850/900/2100

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

not to be tested in SERPII

D2206:

GSM-850/900/1800/1900

WCDMA-850/1700/1900/2100

LTE-4/7/17

not to be tested in SERPII

D2212:

GSM-850/900/1800/1900

WCDMA-850/900/1900/2100

D2243:

GSM-850/900/1800/1900

WCDMA-850/1700/1900/2100

LTE-4/7/17

not to be tested in SERPII

Go/NoGo Testing

1.2 Attenuation Factors

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

1.2.1 Loss Values – Antenna Coupler CMU-Z11, D2202, D2203 and D2212

Band	Channel	Attenuation D2202 and D2212		Attenuation D2203	
		Rx	Tx	Rx	Tx
GSM 850	Low	12.00	12.58	11.00	13.10
	Mid	10.50	11.95	8.00	13.61
	High	8.50	11.37	7.00	15.09
GSM 900	Low	6.00	8.99	7.00	8.24
	Mid	8.50	7.16	6.50	7.32
	High	6.50	5.21	9.00	6.85
GSM 1800	Low	20.50	20.05	20.00	19.36
	Mid	19.00	19.41	17.00	20.14
	High	17.00	18.49	16.00	19.44
GSM 1900	Low	15.00	16.06	15.00	14.59
	Mid	18.00	14.25	15.00	13.98
	High	15.00	13.17	17.00	13.98
WCDMA 850	Low	10.50	11.60	9.50	10.31
	Mid	9.00	11.34	7.00	9.81
	High	9.00	11.32	7.50	10.66
WCDMA 900	Low	6.50	9.96	7.00	7.36
	Mid	6.50	7.40	6.00	6.97
	High	6.00	6.51	7.00	6.87
WCDMA 1900	Low	14.00	17.80		
	Mid	13.50	15.22		
	High	14.50	12.86		
WCDMA 2100	Low	16.50	13.17	19.50	15.00
	Mid	15.50	13.05	19.50	15.34
	High	15.50	13.67	16.00	16.83

Go/NoGo Testing

1.2.2 Loss Values – Antenna Coupler CMU-Z11, D2206 and D2243

Band	Channel	Attenuation D2206		Attenuation D2243	
		Rx	Tx	Rx	Tx
GSM 850	Low	9.00	16.25	9.00	16.25
	Mid	7.00	12.23	7.00	12.23
	High	7.00	9.82	7.00	9.82
GSM 900	Low	9.00	8.33	9.00	8.33
	Mid	7.50	7.90	7.50	7.90
	High	12.00	8.10	12.00	8.10
GSM 1800	Low	18.00	20.14	18.00	20.14
	Mid	16.00	21.80	16.00	21.80
	High	16.00	21.38	16.00	21.38
GSM 1900	Low	12.00	15.65	12.00	15.65
	Mid	12.00	13.49	12.00	13.49
	High	15.00	11.88	15.00	12.88
WCDMA 850	Low	6.00	12.96	6.00	9.96
	Mid	6.00	8.45	6.00	8.45
	High	6.00	7.31	6.00	7.31
WCDMA 1700	Low	16.00	20.88	16.00	20.88
	Mid	16.00	20.84	16.00	19.84
	High	18.00	21.21	18.00	20.21
WCDMA 1900	Low	11.50	17.27	11.50	19.27
	Mid	12.00	14.07	12.00	16.07
	High	13.50	12.37	13.50	14.37
WCDMA 2100	Low	15.50	12.55	15.50	13.55
	Mid	16.00	12.90	16.00	13.90
	High	20.00	13.95	20.00	14.95

2 Revision History

Rev.	Date	Changes / Comments
1	2014-09-08	Initial release
2	2014-09-22	D2203, D2206 and D2243 added