

MAGNETOM Vida

Coil Quality Assurance

Serial Number: 175692

Coil Quality Assurance

Demographical Data					
Customer		System		Service	
Customer Name		Product Name	MAGNETOM Vida	Service Center Name	Customer Care Center
Customer ID	400-567654	Material Number	11060815	Street	Wheeler Road
Hospital Name	Beth Israel Deaconess	Serial Number	175692	Street Number	200 suite 303
Street	Brookline Ave	Equipment Number		Zip Code	
Street Number	330	Modality	MR	City	Boston
Zip Code	02215	Handed Over Date	6/28/2018	District	
City	Boston	Software Version	syngo MR XA11	Country	US
District	NorthEast			Phone	18008887436
Country	US			Fax	
Customer Phone Number	16179759913			E-Mail	uptime-services.team@siemens-healthineers.com

Summary		
Function	Start Time	Result
Coil Check - Body 18 (30559)	5/14/2020 3:28:45 PM	 Not OK

1 Coil Check - Body 18 (30559)

1.1 Summary

Summary	
	Status
ExamDb:SIEMENS/System/CoilQA/Body_18/099_Body_18_H_Tra	✖ Not OK
ExamDb:SIEMENS/System/CoilQA/Body_18/099_Body_18_F_Tra	✖ Not OK
ExamDb:SIEMENS/System/CoilQA/Body_18/099_Body_18_L_Sag	OK
ExamDb:SIEMENS/System/CoilQA/Body_18/099_Body_18_R_Sag	✖ Not OK
Program Result	✖ Out of Spec

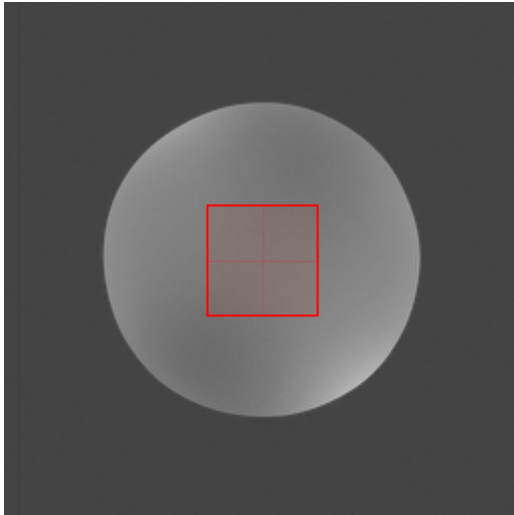


1.2 Details

1.2.1 Protocol: ExamDb:SIEMENS/System/CoilQA/Body_18/099_Body_18_H_Tra

Coil Info		
Coil ID	Serial Number	Part Number
Body_18	30559	10496515

1.2.1.1 Coil: B11_B12_B13_B14_B15_B16_B21_B22_B23_B24_B25_B26_B31_B32_B33_B34_B35_B36



Signal

S/N	
Parabola Fit	Tolerance: ≥ 55.0
59.3	

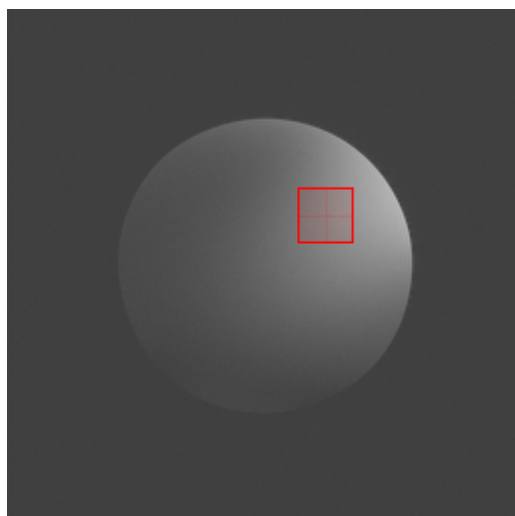
Brightness	
Parabola Fit	Tolerance: 250 ... 1,000
444	

Homogeneity and Transmitter Amplitude	
Variable	[V]

(continued)

Transmitter Amplitude	378
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1.2.1.2 Coil: B11



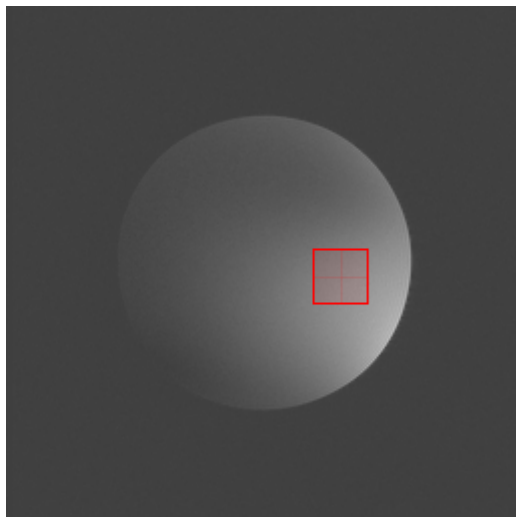
Signal

S/N
Parabola Fit
Tolerance: ≥ 50.0
73.0

Brightness
Parabola Fit
379

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.3 Coil: B12

Signal

S/N

Parabola Fit

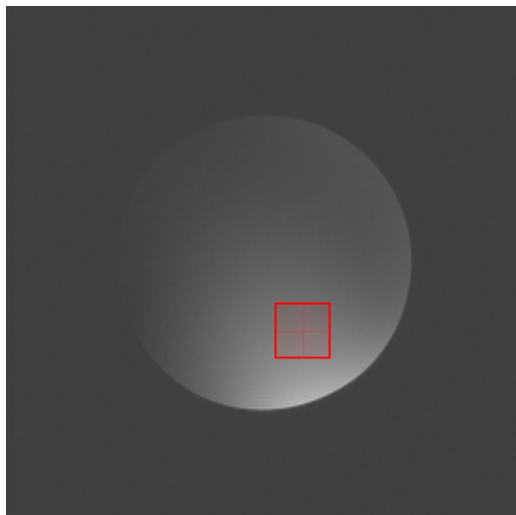
Tolerance: ≥ 50.0 **62.7****Brightness**

Parabola Fit

377

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.4 Coil: B13

Signal

S/N

Parabola Fit

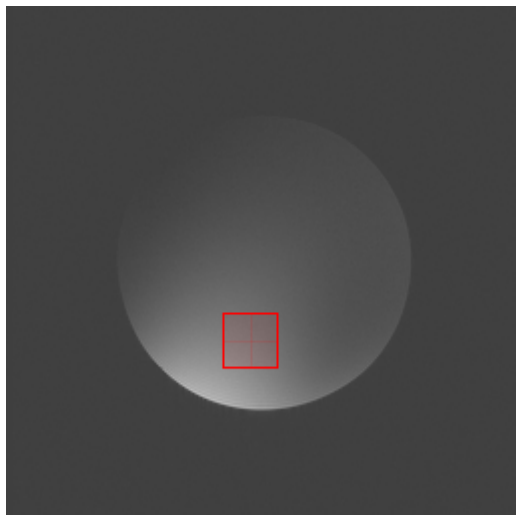
Tolerance: ≥ 50.0 **72.4****Brightness**

Parabola Fit

410

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	378

1.2.1.5 Coil: B14



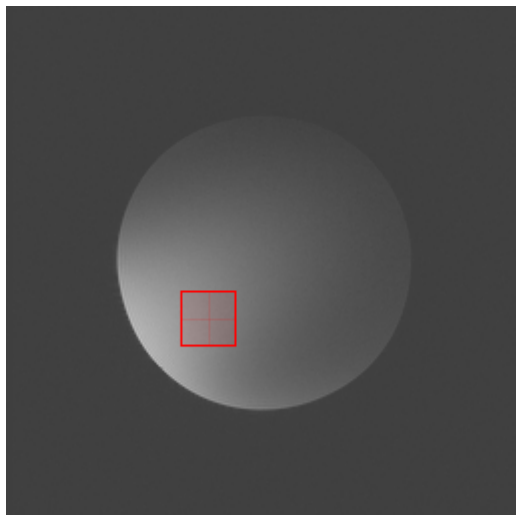
Signal

S/N
Parabola Fit
Tolerance: ≥ 50.0
70.1

Brightness
Parabola Fit
494

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.6 Coil: B15

Signal

S/N

Parabola Fit

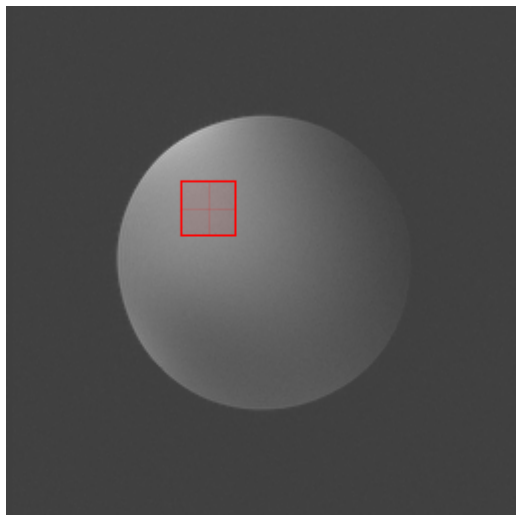
Tolerance: ≥ 50.0 **77.2****Brightness**

Parabola Fit

415

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.7 Coil: B16

Signal

S/N

Parabola Fit

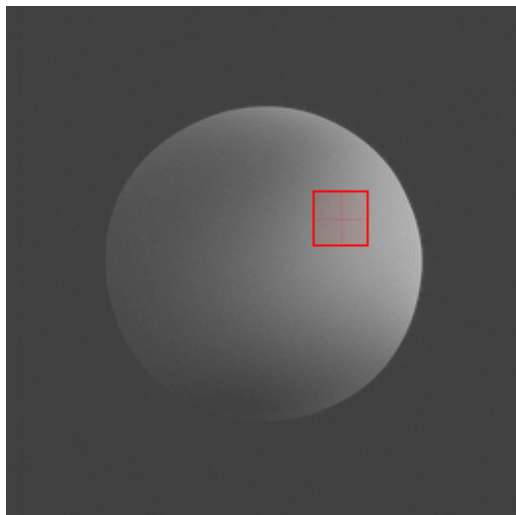
Tolerance: ≥ 50.0 **65.5****Brightness**

Parabola Fit

389

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.8 Coil: B21

Signal

S/N

Parabola Fit

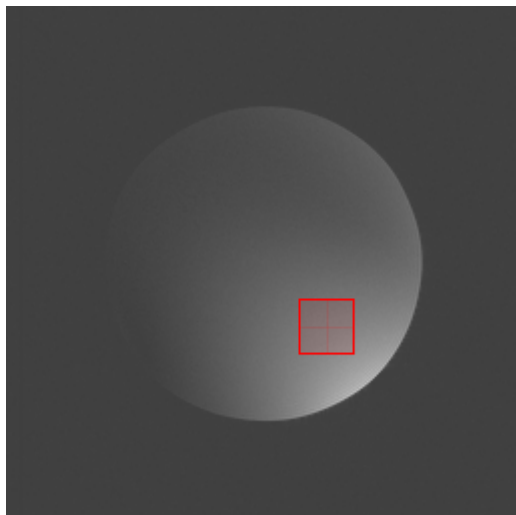
Tolerance: ≥ 40.0 **60.0****Brightness**

Parabola Fit

346

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.9 Coil: B22

Signal

S/N

Parabola Fit

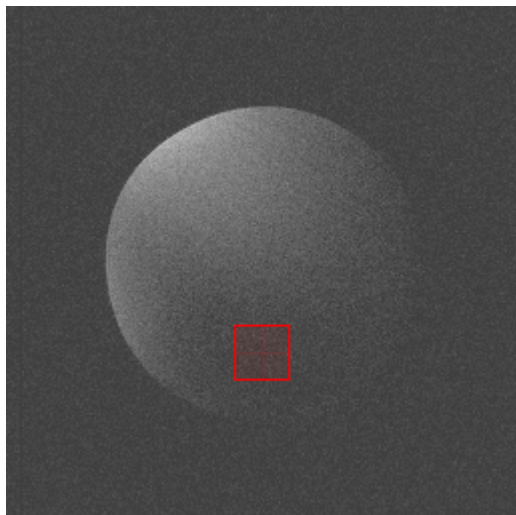
Tolerance: ≥ 50.0 **65.0****Brightness**

Parabola Fit

427

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	378

1.2.1.10 Coil: B23



Signal

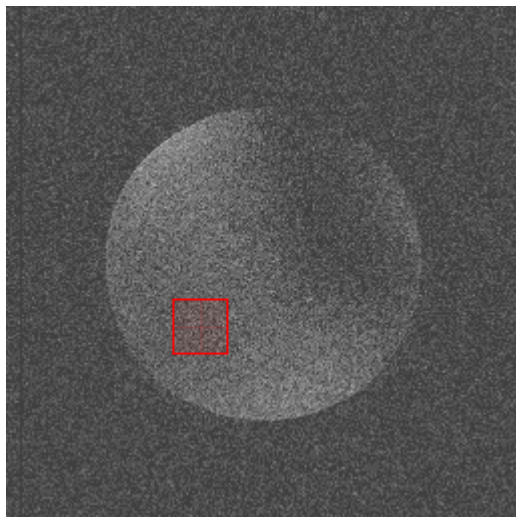
S/N
Parabola Fit
Tolerance: ≥ 50.0
✖ 1.6




Brightness
Parabola Fit
2

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	378

1.2.1.11 Coil: B24



Signal

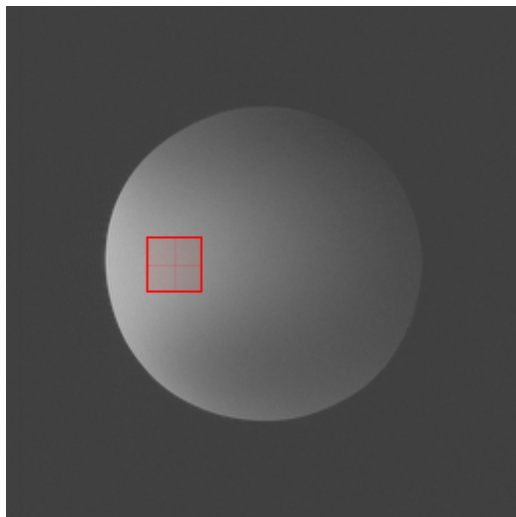
S/N	
Parabola Fit	Tolerance: ≥ 50.0
 2.0	



Brightness	
Parabola Fit	
2	

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.12 Coil: B25

Signal

S/N

Parabola Fit

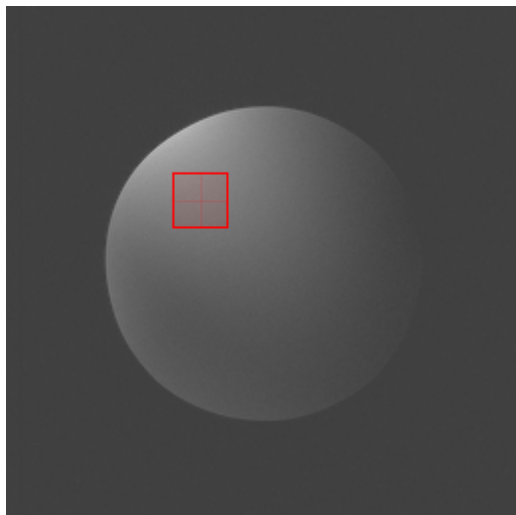
Tolerance: ≥ 50.0 **74.3****Brightness**

Parabola Fit

378

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.13 Coil: B26

Signal

S/N

Parabola Fit

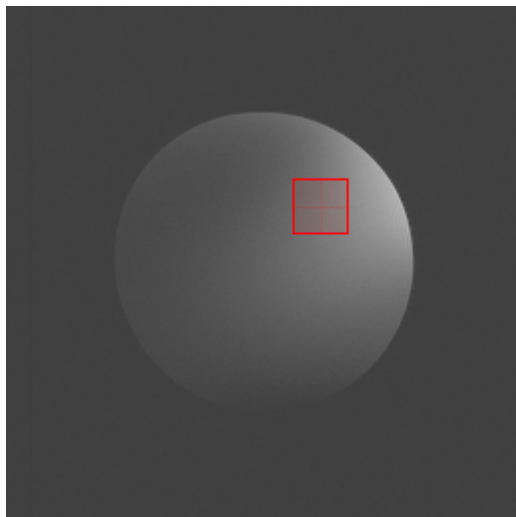
Tolerance: ≥ 40.0 **59.6****Brightness**

Parabola Fit

370

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.14 Coil: B31

Signal

S/N

Parabola Fit

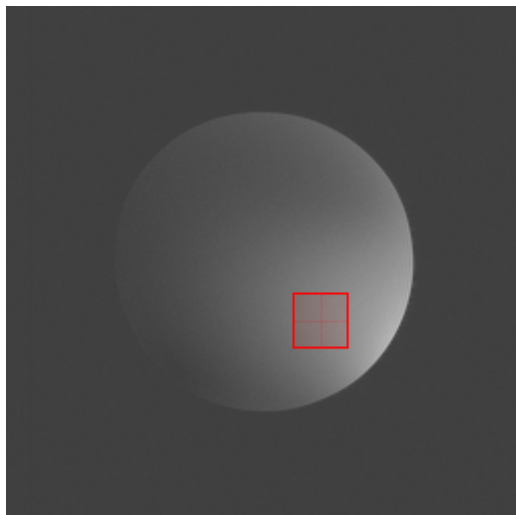
Tolerance: ≥ 50.0 **61.1****Brightness**

Parabola Fit

348

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.15 Coil: B32

Signal

S/N

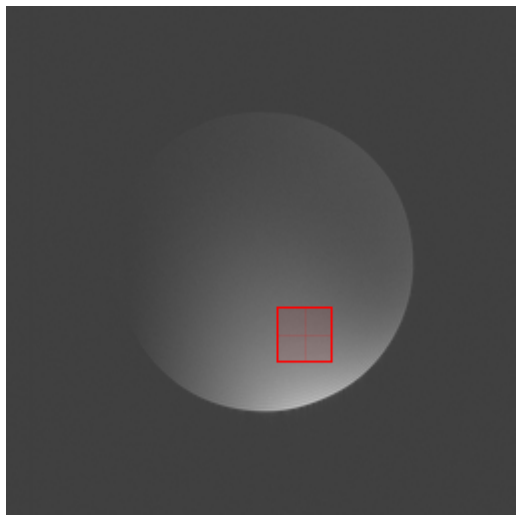
Parabola Fit

Tolerance: ≥ 50.0 **65.6****Brightness**

Parabola Fit

328

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	378

1.2.1.16 Coil: B33

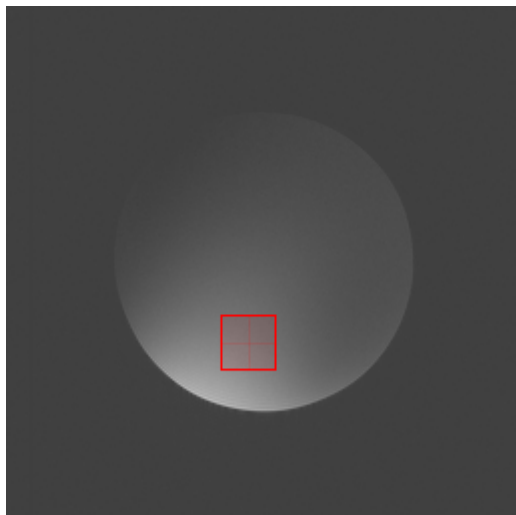
Signal

S/N
Parabola Fit
Tolerance: ≥ 50.0
73.7

Brightness
Parabola Fit
466

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.17 Coil: B34

Signal

S/N

Parabola Fit

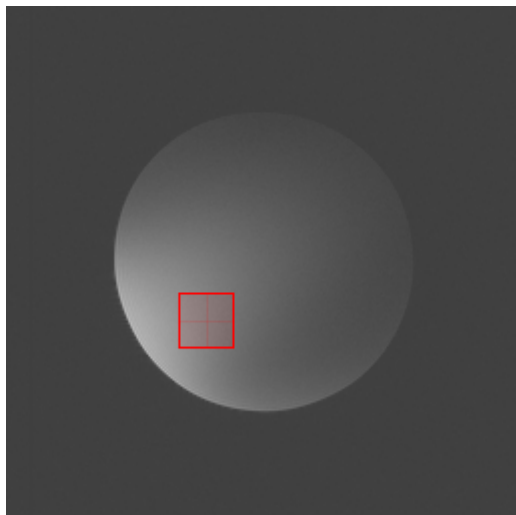
Tolerance: ≥ 50.0 **73.7****Brightness**

Parabola Fit

415

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.18 Coil: B35

Signal

S/N

Parabola Fit

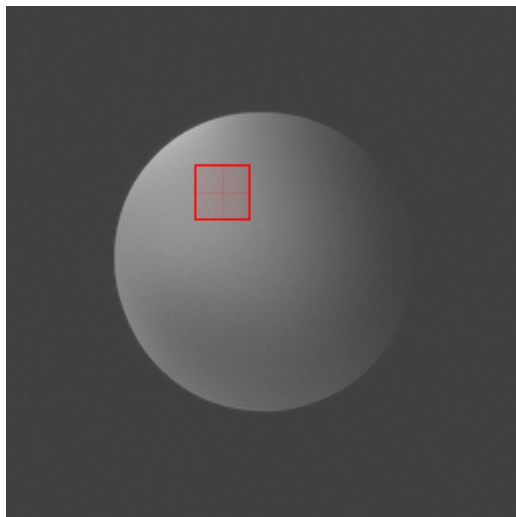
Tolerance: ≥ 50.0 **70.8****Brightness**

Parabola Fit

431

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	378

1.2.1.19 Coil: B36

Signal

S/N

Parabola Fit

Tolerance: ≥ 50.0 **63.6****Brightness**

Parabola Fit

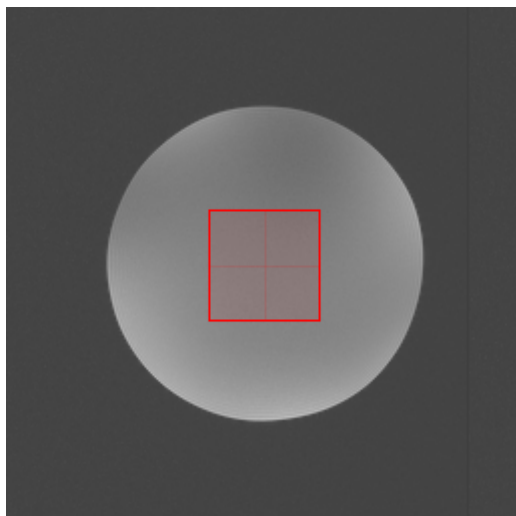
291

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	378

1.2.2 Protocol: ExamDb:SIEMENS/System/CoilQA/Body_18/099_Body_18_F_Tra

Coil Info		
Coil ID	Serial Number	Part Number
Body_18	30559	10496515

1.2.2.1 Coil: B11_B12_B13_B14_B15_B16_B21_B22_B23_B24_B25_B26_B31_B32_B33_B34_B35_B36



Signal

S/N
Parabola Fit
Tolerance: ≥ 50.0
64.9

Brightness

Parabola Fit

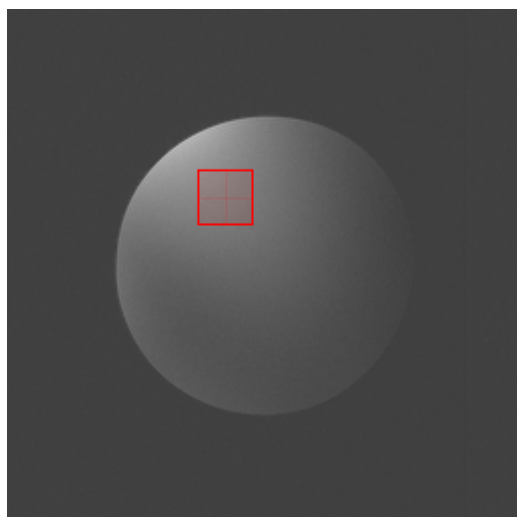
Tolerance: 250 ... 1,000

571**Homogeneity and Transmitter Amplitude**

Variable

[V]

Transmitter Amplitude

390**1.2.2.2 Coil: B11**

Signal

S/N

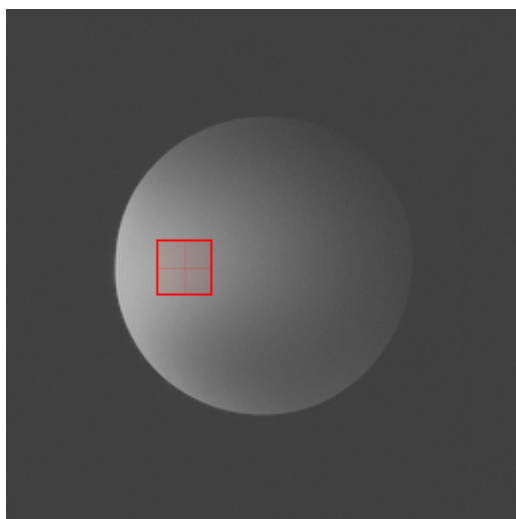
Parabola Fit

Tolerance: ≥ 46.0 **53.8**

Brightness
Parabola Fit
397

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.3 Coil: B12



Signal

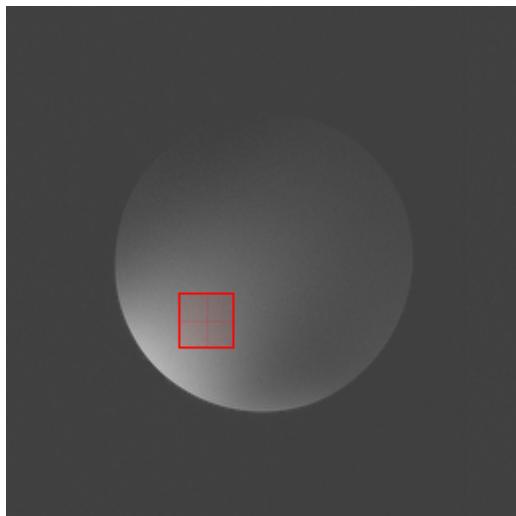
S/N
Parabola Fit
78.5

Tolerance: ≥ 50.0

Brightness
Parabola Fit
429

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.4 Coil: B13



Signal

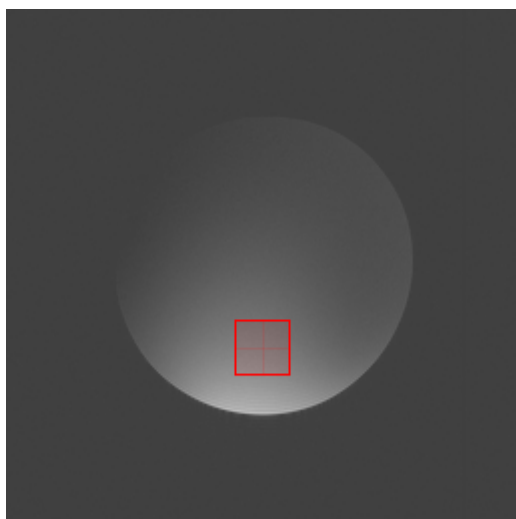
S/N
Parabola Fit
49.0

Tolerance: ≥ 46.0

Brightness
Parabola Fit
488

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.5 Coil: B14



Signal

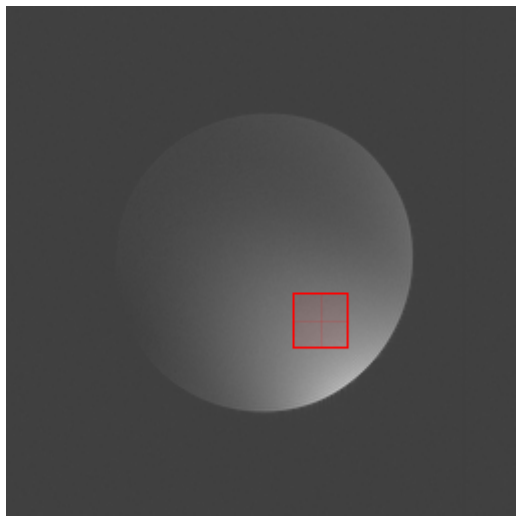
S/N
Parabola Fit
80.3

Tolerance: ≥ 50.0

Brightness
Parabola Fit
488

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.6 Coil: B15



Signal

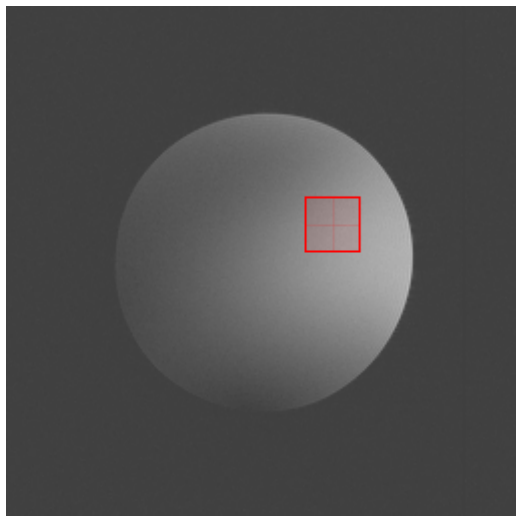
S/N
Parabola Fit
66.8

Tolerance: ≥ 46.0

Brightness
Parabola Fit
440

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.7 Coil: B16



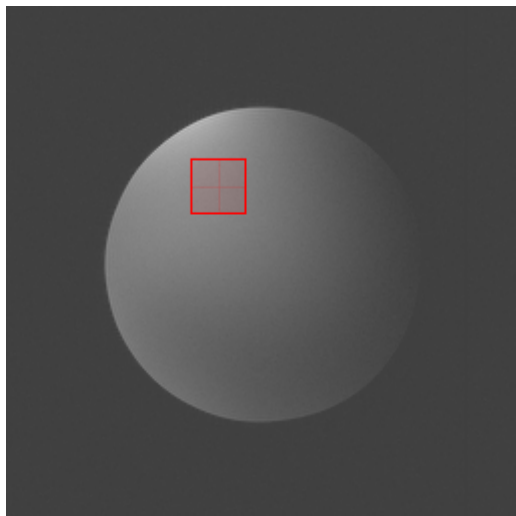
Signal

S/N
Parabola Fit
Tolerance: ≥ 50.0
65.6

Brightness
Parabola Fit
320

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.8 Coil: B21



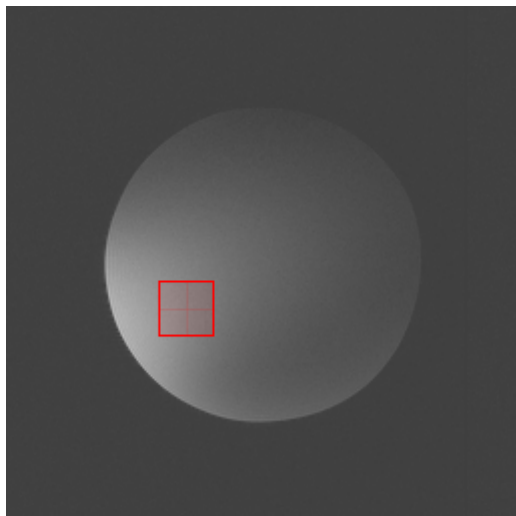
Signal

S/N
Parabola Fit
Tolerance: ≥ 50.0
67.8

Brightness
Parabola Fit
424

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.9 Coil: B22



Signal

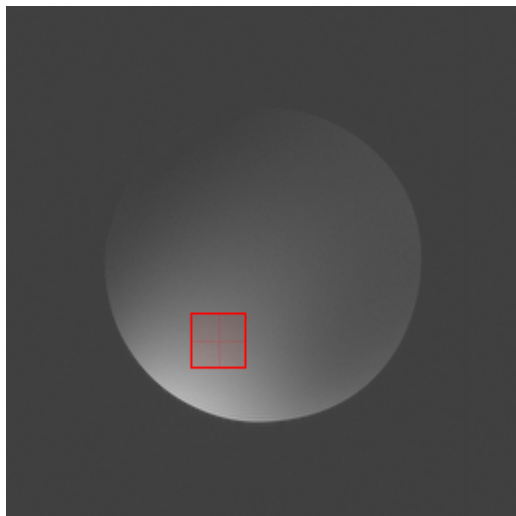
S/N
Parabola Fit
54.9

Tolerance: ≥ 50.0

Brightness
Parabola Fit
493

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.10 Coil: B23



Signal

S/N
Parabola Fit
Tolerance: ≥ 50.0
74.1

Brightness

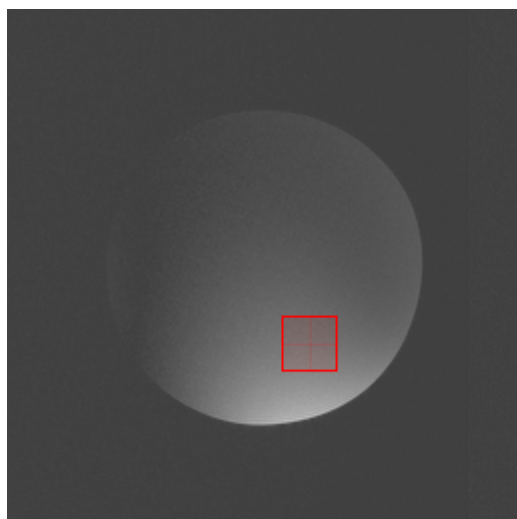
Parabola Fit

383**Homogeneity and Transmitter Amplitude**

Variable

[V]

Transmitter Amplitude

390**1.2.2.11 Coil: B24**

Signal

S/N

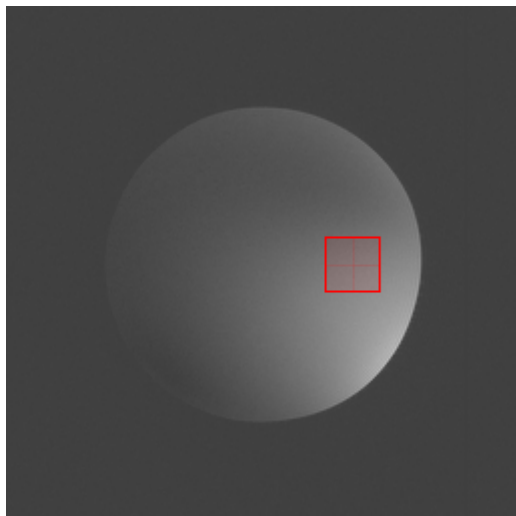
Parabola Fit

Tolerance: ≥ 46.0 **✖ 37.6**

Brightness
Parabola Fit
395

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.12 Coil: B25



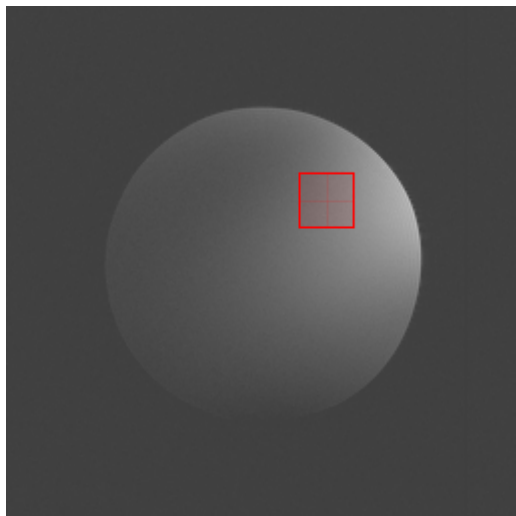
Signal

S/N
Parabola Fit
Tolerance: ≥ 40.0
58.9

Brightness
Parabola Fit
318

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.13 Coil: B26



Signal

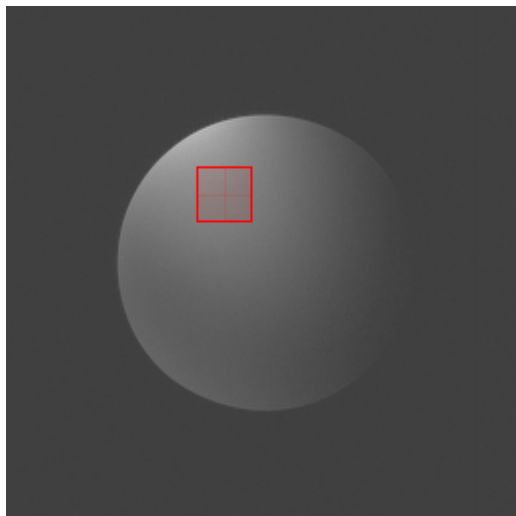
S/N
Parabola Fit
54.8

Tolerance: ≥ 46.0

Brightness
Parabola Fit
379

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.14 Coil: B31



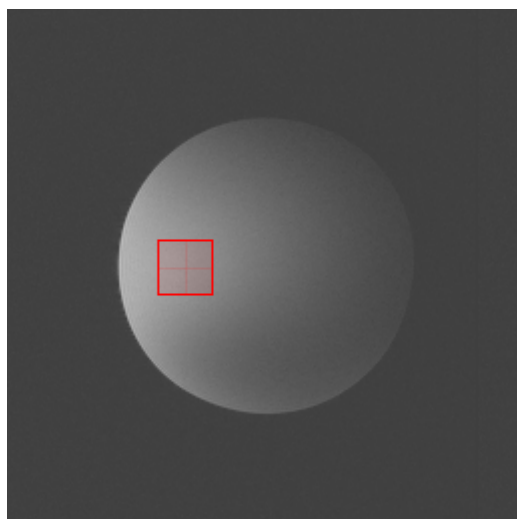
Signal

S/N
Parabola Fit
Tolerance: ≥ 50.0
75.9

Brightness
Parabola Fit
432

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.15 Coil: B32



Signal

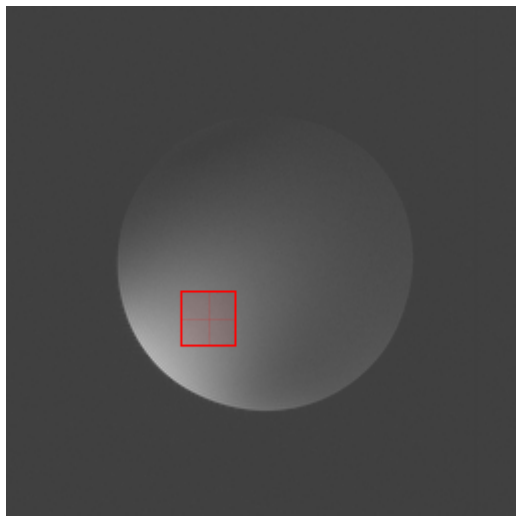
S/N
Parabola Fit
63.0

Tolerance: ≥ 50.0

Brightness
Parabola Fit
465

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.16 Coil: B33



Signal

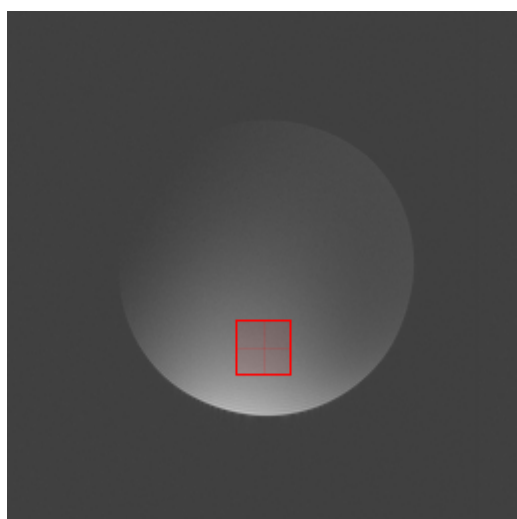
S/N
Parabola Fit
74.7

Tolerance: ≥ 50.0

Brightness
Parabola Fit
434

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.17 Coil: B34



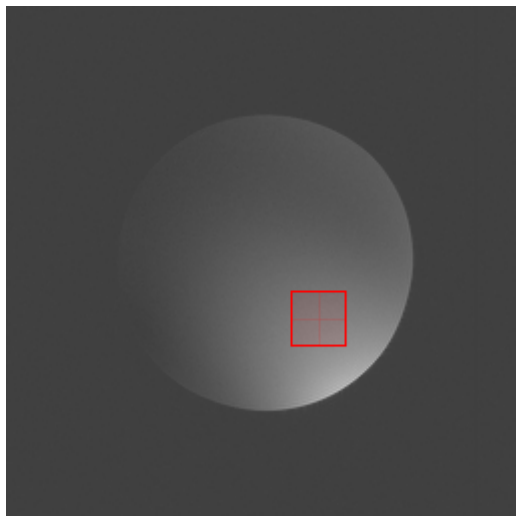
Signal

S/N
Parabola Fit
Tolerance: ≥ 50.0
67.8

Brightness
Parabola Fit
567

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.18 Coil: B35



Signal

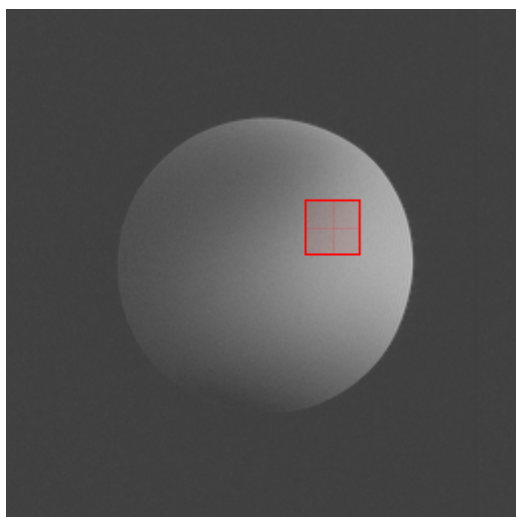
S/N
Parabola Fit
67.0

Tolerance: ≥ 50.0

Brightness
Parabola Fit
390

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.2.19 Coil: B36



Signal

S/N
Parabola Fit
57.6

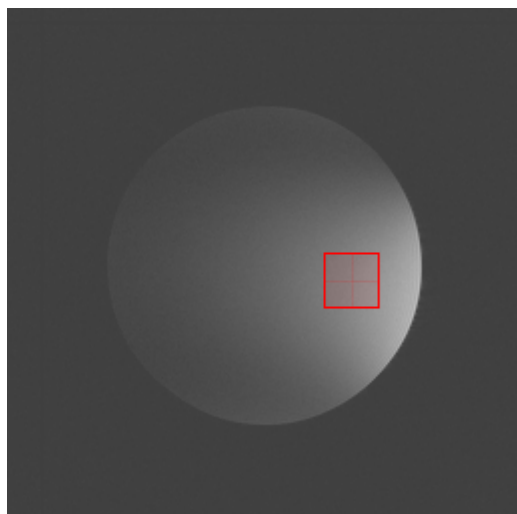
Tolerance: ≥ 50.0

Brightness
Parabola Fit
383

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	390

1.2.3 Protocol: ExamDb:SIEMENS/System/CoilQA/Body_18/099_Body_18_L_Sag

Coil Info		
Coil ID	Serial Number	Part Number
Body_18	30559	10496515

1.2.3.1 Coil: B22

Signal

S/N

Parabola Fit

Tolerance: ≥ 46.0 **62.1****Brightness**

Parabola Fit

352**Homogeneity and Transmitter Amplitude**

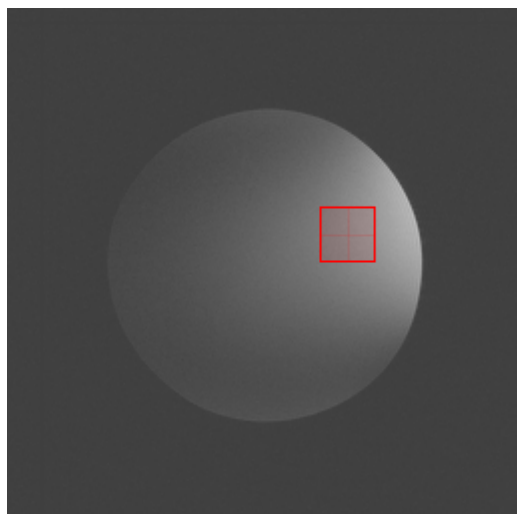
Variable

[V]

Transmitter Amplitude

353

1.2.3.2 Coil: B23



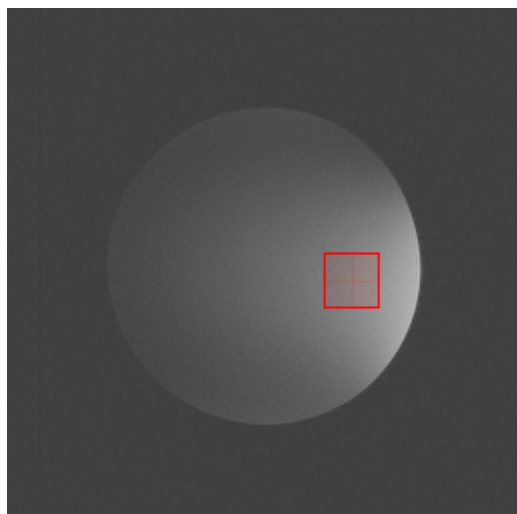
Signal

S/N	
Parabola Fit	Tolerance: ≥ 46.0
61.0	

Brightness	
Parabola Fit	
294	

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	353

1.2.3.3 Coil: B26



Signal

S/N	
Parabola Fit	Tolerance: ≥ 46.0
59.7	

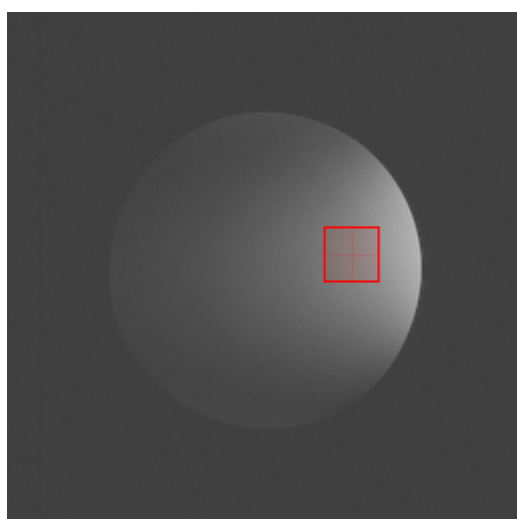
Brightness	
Parabola Fit	
387	

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	353

1.2.4 Protocol: ExamDb:SIEMENS/System/CoilQA/Body_18/099_Body_18_R_Sag

Coil Info		
Coil ID	Serial Number	Part Number
Body_18	30559	10496515

1.2.4.1 Coil: B22



Signal

S/N
Parabola Fit
Tolerance: ≥ 42.0
67.8

Brightness
Parabola Fit

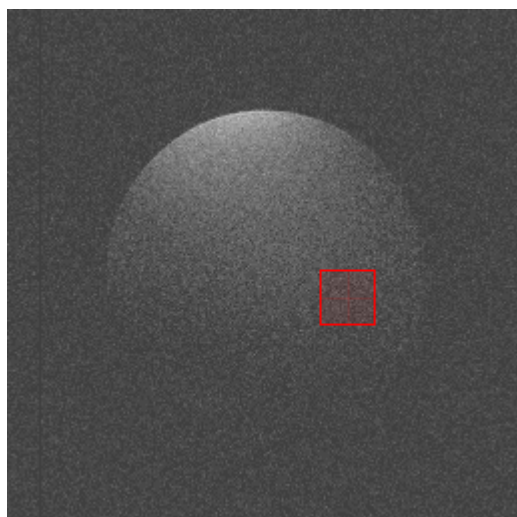
(continued)

425

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	348

1.2.4.2 Coil: B23



Signal

S/N

Parabola Fit

Tolerance: ≥ 46.0

✖ 1.9



Brightness

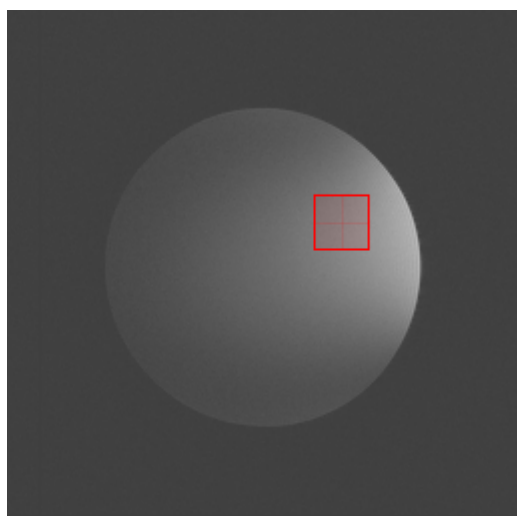
Parabola Fit

2**Homogeneity and Transmitter Amplitude**

Variable

[V]

Transmitter Amplitude

348**1.2.4.3 Coil: B26**

Signal

S/N

Parabola Fit

Tolerance: ≥ 46.0 **60.8**

Brightness
Parabola Fit
332

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	348

Siemens Healthcare Headquarters

Siemens Healthcare GmbH

Henkestr. 127

91052 Erlangen

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