

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 - Head Neck 20 TCS (1105)	5/14/2020 4:47:55 PM	 OK

1 Coil Check - Head Neck 20 TCS (1105)

1.1 Summary

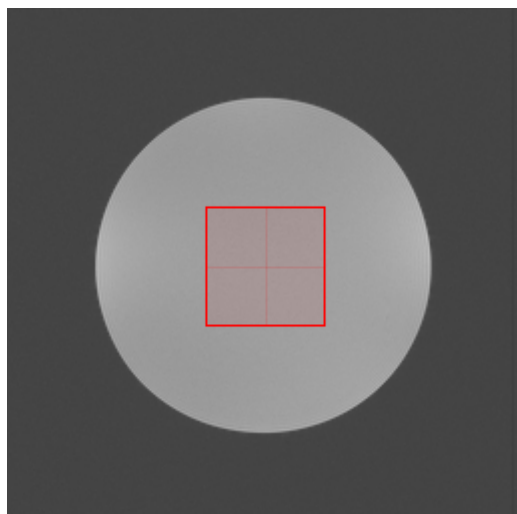
Summary	
	Status
ExamDb:SIEMENS/System/CoilQA/HeadNeck_20_TCS/025_HeadNeck_20_TCS_HE_Tra	OK
ExamDb:SIEMENS/System/CoilQA/HeadNeck_20_TCS/025_HeadNeck_20_TCS_NE_Tra	OK
Protocol_3	OK
Protocol_4	OK
Program Result	Success

1.2 Details

1.2.1 Protocol: ExamDb:SIEMENS/System/CoilQA/HeadNeck_20_TCS/025_HeadNeck_20_TCS_HE_Tra

Coil Info		
Coil ID	Serial Number	Part Number
HeadNeck_20_TCS	1105	10835555

1.2.1.1 Coil: H11_H12_H13_H14_H21_H22_H23_H24_H31_H32_H33_H34_H41_H42_H43_H44



Signal

S/N	
Parabola Fit	Tolerance: ≥ 65.0
88.2	

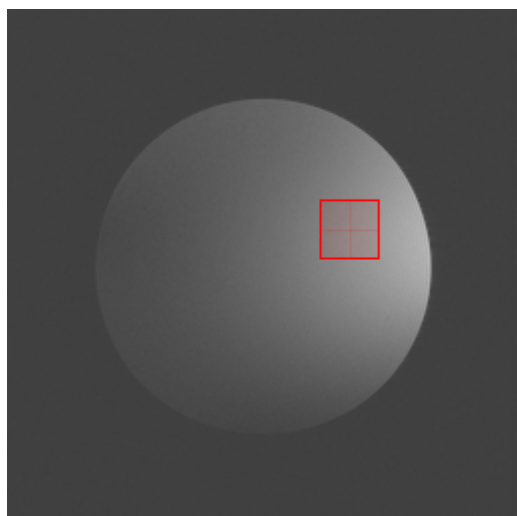
Brightness	
Parabola Fit	Tolerance: 800 ... 3,200
1,263	

Homogeneity and Transmitter Amplitude	
Variable	[V]

(continued)

Transmitter Amplitude	443
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1.2.1.2 Coil: H11



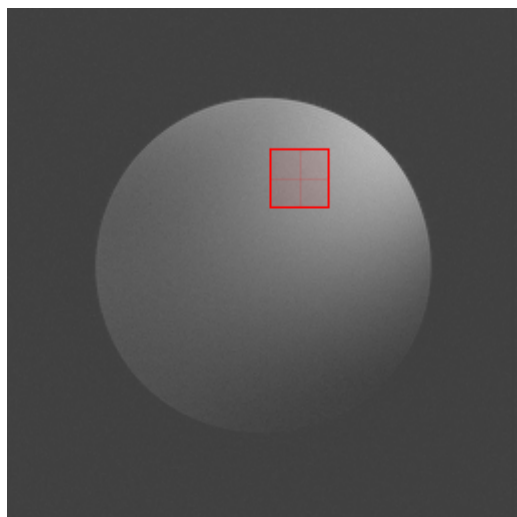
Signal

S/N
Parabola Fit
Tolerance: ≥ 44.0
68.7

Brightness
Parabola Fit
686

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.3 Coil: H12



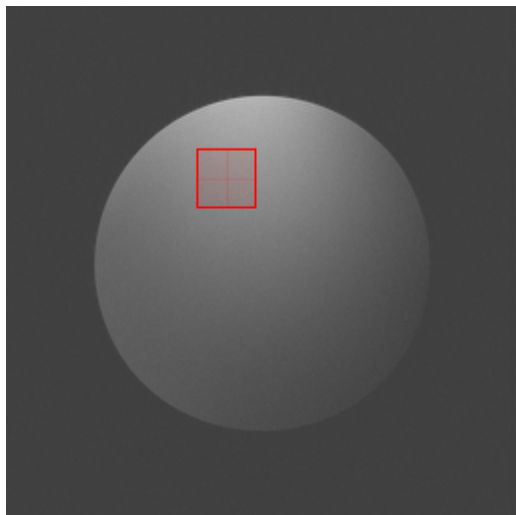
Signal

S/N
Parabola Fit
Tolerance: ≥ 40.0
55.5

Brightness
Parabola Fit
622

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	443

1.2.1.4 Coil: H13

Signal

S/N

Parabola Fit

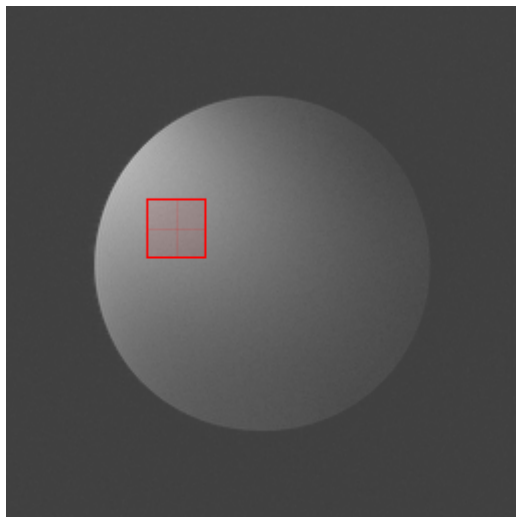
Tolerance: ≥ 43.0 **63.6****Brightness**

Parabola Fit

687

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	443

1.2.1.5 Coil: H14

Signal

S/N

Parabola Fit

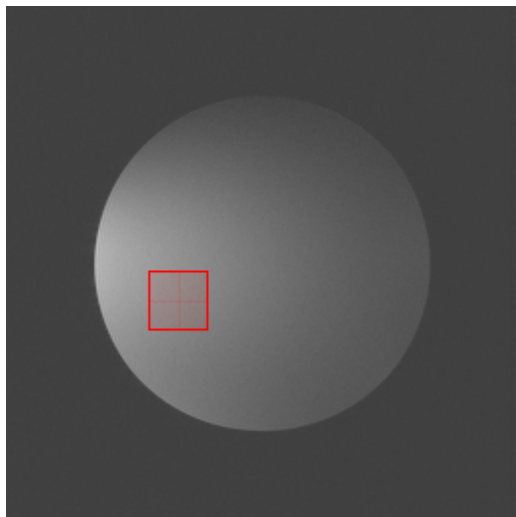
Tolerance: ≥ 45.0 **62.8****Brightness**

Parabola Fit

618

Homogeneity and Transmitter Amplitude

Variable	[V]
Transmitter Amplitude	443

1.2.1.6 Coil: H21

Signal

S/N

Parabola Fit

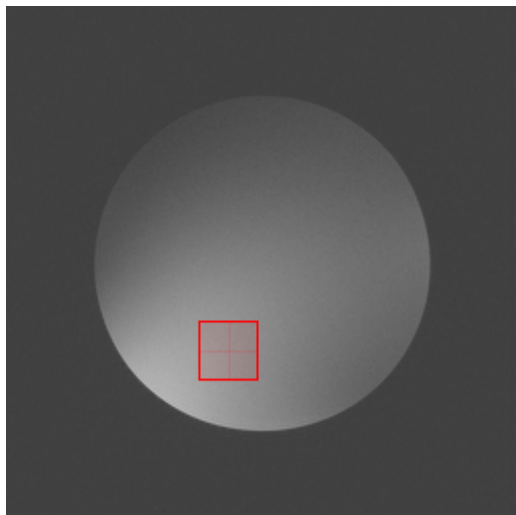
Tolerance: ≥ 47.0 **62.7****Brightness**

Parabola Fit

809

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.7 Coil: H22



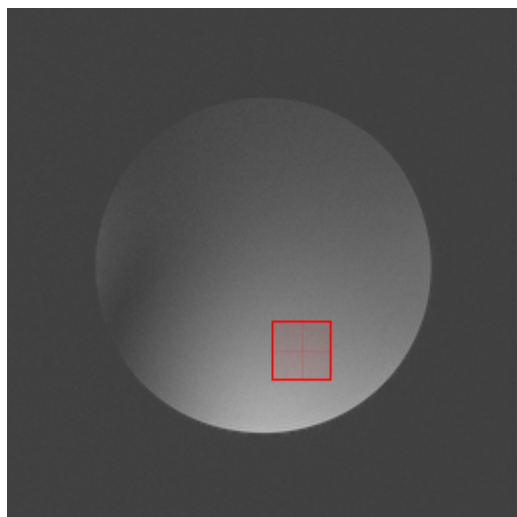
Signal

S/N
Parabola Fit
Tolerance: ≥ 45.0
65.4

Brightness
Parabola Fit
602

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.8 Coil: H23



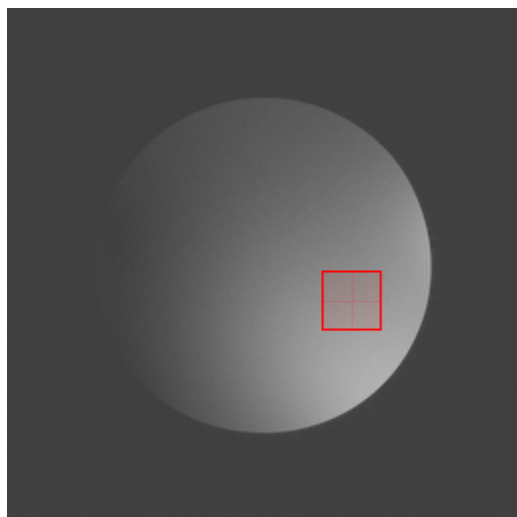
Signal

S/N
Parabola Fit
Tolerance: ≥ 44.0
53.2

Brightness
Parabola Fit
638

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.9 Coil: H24



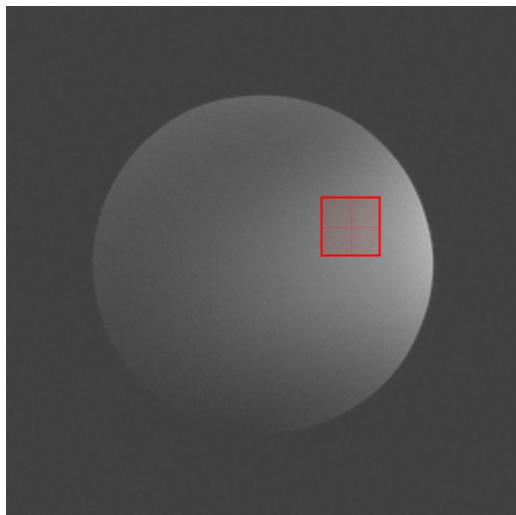
Signal

S/N
Parabola Fit
Tolerance: ≥ 47.0
73.5

Brightness
Parabola Fit
768

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.10 Coil: H31



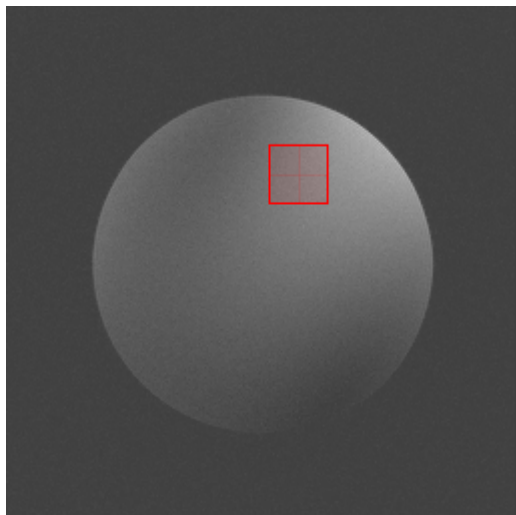
Signal

S/N
Parabola Fit
Tolerance: ≥ 28.0
42.4

Brightness
Parabola Fit
479

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.11 Coil: H32

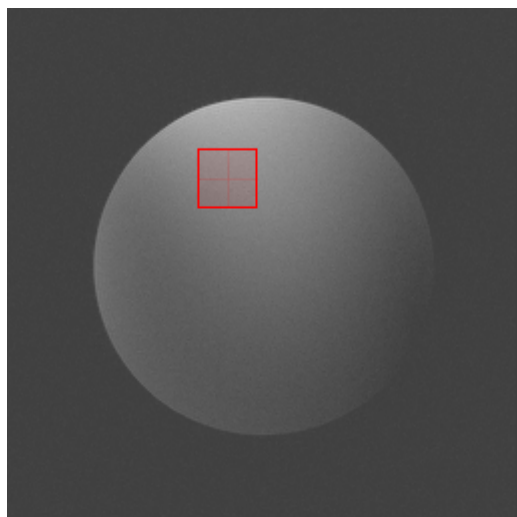


Signal

S/N
Parabola Fit
Tolerance: ≥ 21.0
30.2

Brightness
Parabola Fit
401

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.12 Coil: H33

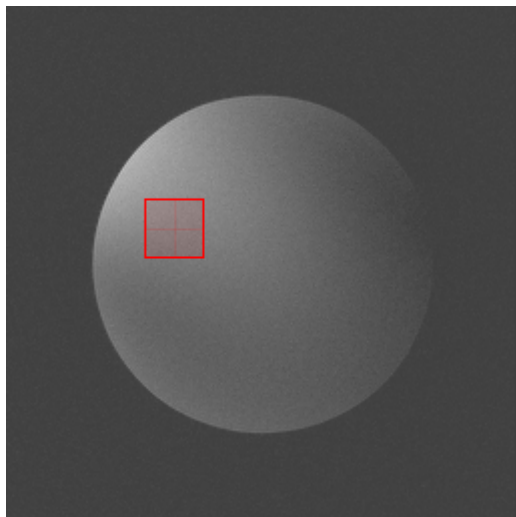
Signal

S/N
Parabola Fit
Tolerance: ≥ 28.0
43.6

Brightness
Parabola Fit
508

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.13 Coil: H34



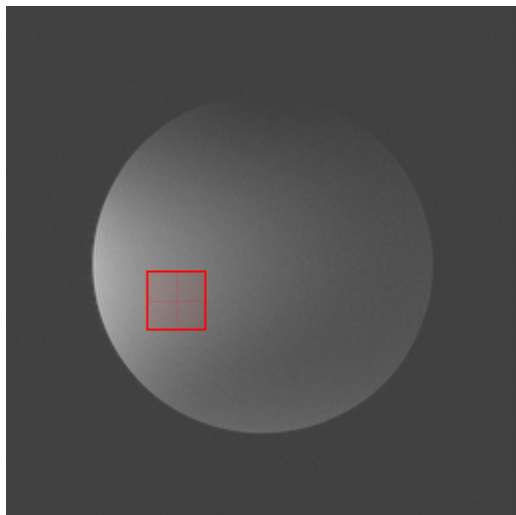
Signal

S/N
Parabola Fit
Tolerance: ≥ 23.0
28.1

Brightness
Parabola Fit
435

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.14 Coil: H41



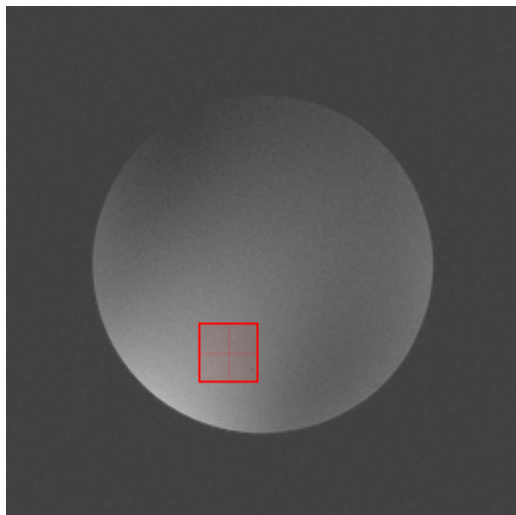
Signal

S/N
Parabola Fit
Tolerance: ≥ 30.0
49.1

Brightness
Parabola Fit
526

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.15 Coil: H42



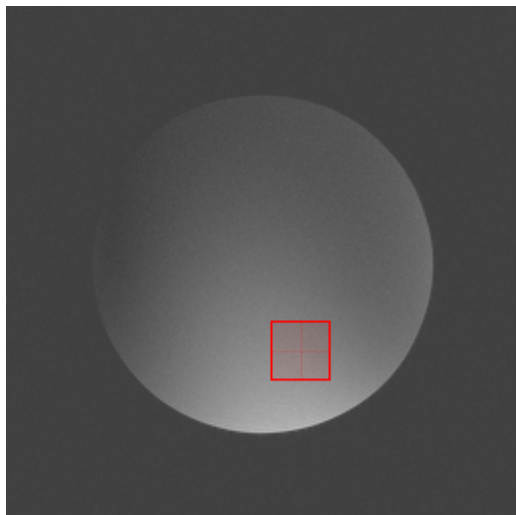
Signal

S/N
Parabola Fit
Tolerance: ≥ 23.0
32.5

Brightness
Parabola Fit
344

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.16 Coil: H43



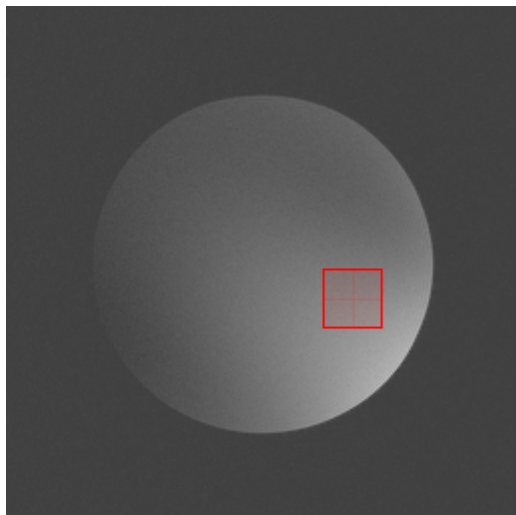
Signal

S/N
Parabola Fit
Tolerance: ≥ 28.0
39.6

Brightness
Parabola Fit
438

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.1.17 Coil: H44



Signal

S/N
Parabola Fit
Tolerance: ≥ 28.0
42.2

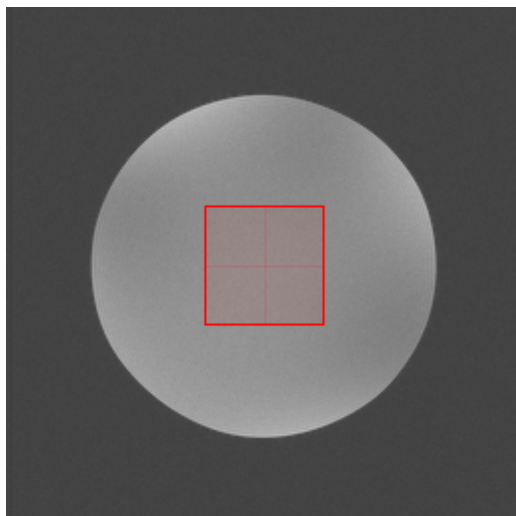
Brightness
Parabola Fit
555

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	443

1.2.2 Protocol: ExamDb:SIEMENS/System/CoilQA/HeadNeck_20_TCS/025_HeadNeck_20_TCS_NE_ Tra

Coil Info		
Coil ID	Serial Number	Part Number
HeadNeck_20_TCS	1105	10835555

1.2.2.1 Coil: N11_N12_N21_N22



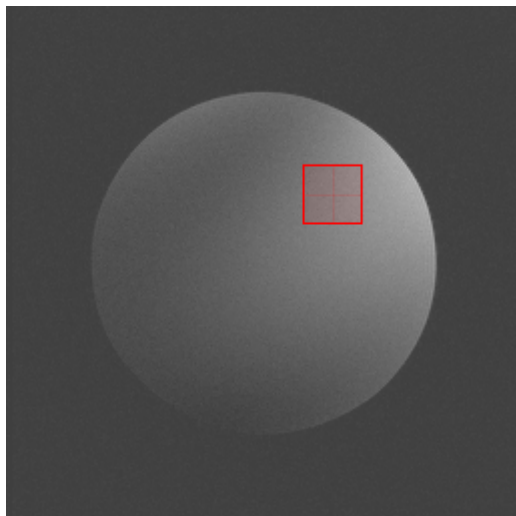
Signal

S/N
Parabola Fit
Tolerance: ≥ 33.0
44.7

Brightness
Parabola Fit
508

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	486

1.2.2.2 Coil: N11



Signal

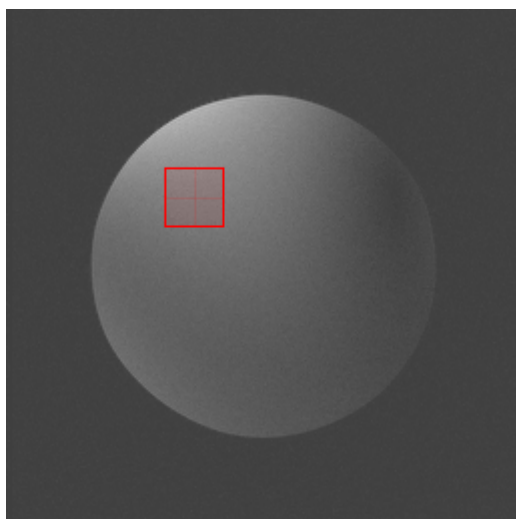
S/N
Parabola Fit
31.3

Tolerance: ≥ 22.0

Brightness
Parabola Fit
349

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	486

1.2.2.3 Coil: N12



Signal

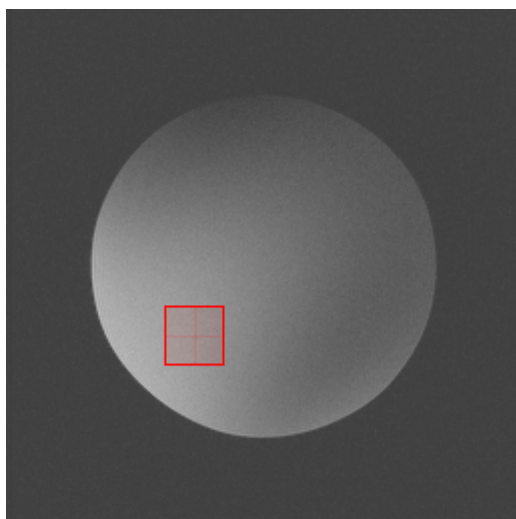
S/N
Parabola Fit
34.6

Tolerance: ≥ 21.0

Brightness
Parabola Fit
392

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	486

1.2.2.4 Coil: N21



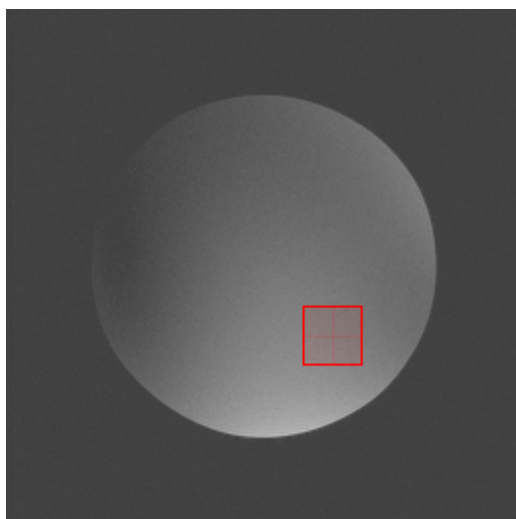
Signal

S/N
Parabola Fit
Tolerance: ≥ 31.0
39.7

Brightness
Parabola Fit
425

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	486

1.2.2.5 Coil: N22



Signal

S/N
Parabola Fit
Tolerance: ≥ 26.0
33.8

Brightness
Parabola Fit
365

Homogeneity and Transmitter Amplitude	
Variable	[V]
Transmitter Amplitude	486

1.2.3 Protocol: Protocol_3

CoilCode 13140000 checked successfully.

1.2.4 Protocol: Protocol_4

CoilCode 131400000000 checked successfully.

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