

ACR Small MR Phantom - Slice 6 Report

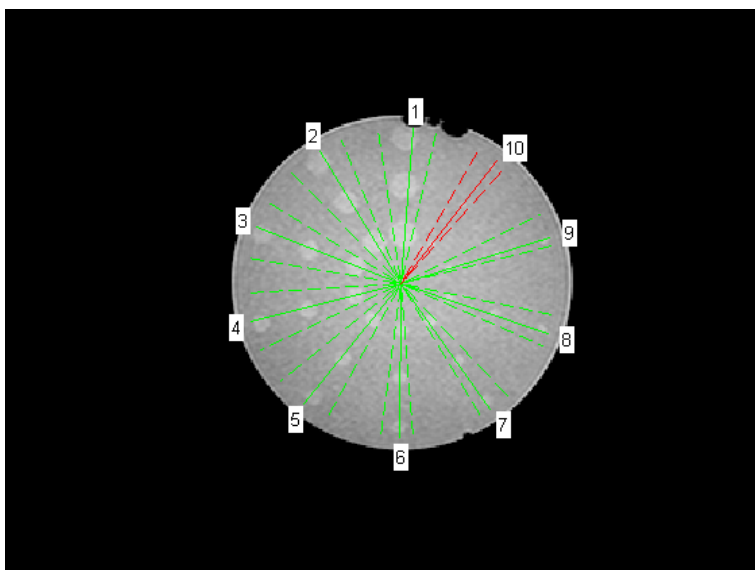
OVERALL RESULTS

<p>ALL TOLERANCES FAILING</p>	<p>ANALYSIS COMPLETE</p>
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Image Information

Filename	C:\RIT\RIT113V4\demo images_old\Radia Demo Images\ACR_MRI_Small\Small_Slice_6
Institution	Tidewater Orthopaedics
Station	MRI
Magnetic Field Strength	1
Protocol	ACR Phantom
DICOM Slice Thickness(mm)	5
SOP Instance UID	2.16.124.113531.4.5.129496078475460000.1324761704
Slice Location	-22.4322
Echo Time	20
Repetition Time	500
In Plane Phase Encoding Direction	ROW
Pixel Bandwidth	260.4167
ReceiveCoilName	123mm
Transmit Coil Name	
Flip Angle	90
Device Serial Number	07182007-001
Software Version	2.31
Scan Options	
Echo Number	1
Echo Train Length	1
Operating Mode	

Analysis Image



Spokes Detected - Slice 6

Number of Spokes Detected	Minimum Nominal Number of Spokes Detected	Pass/Fail
9	10	Fail

Contrast to Noise Ratios

Angles CCW from 12:00

Spoke Number	Angle(deg)	CNR Inner	CNR Middle	CNR Outer	Analysis Alg. Info
1	-5.00	5.31	6.95	5.95	1
2	31.00	4.16	3.12	2.82	1
3	68.00	6.38	3.93	3.07	1
4	104.00	5.86	3.47	3.39	1
5	141.00	3.12	4.64	3.31	1
6	179.00	2.19	3.35	2.58	1
7	215.00	5.42	3.23	3.24	1
8	251.00	2.63	2.60	2.59	1
9	287.00	2.97	2.08	2.73	1
10	322.00	3.56	2.79	1.31	1

Analysis Settings

Slice 6 Spoke Width	11
CNR Inner Ring Slice 6	2.1
CNR Middle Ring Slice 6	2
CNR Outer Ring Slice 6	1.55
Structuring Element Size (Slice 6)	13
Threshold Start Slice 6	15
Threshold Stop Slice 6	35
Flip Slice 6 Image Left to Right	0