

SYSTEM REPORT: MRI GE Artist 1,5 T



Project No. (Item)	004128
Inspection done by & Date	18.12.2021
SYSTEM INFORMATION	
Manufacturer and model	GE MR SIGNA Artist 1.5T
System model no.	5410917 (Magnet)
System serial no.	HM1703 (Magnet)
System YOM	2017
Gradient type	XGD II (8921)
Number of Channels	96
MAGNET INFORMATION	
Magnet YOM	2017
Magnet type (OR?, F2000, LCC..)	LCC 450W Fixed Site
Magnet model no.	Cryostat 5410917 / Assembly 5307850
Magnet serial no.	HM1703
MAGNET INFORMATION	
Current helium level	71,46%
Estimated Boil off/day when compressor is off	Depending on Magnet Pressure
Magnet pressure	1.002 PSI
Shield temperature	41.21K
COOLING SYSTEM INFORMATION	
Compressor model no.	5197842 (Rev.006)
Compressor YOM	2017
Compressor running hours	37330
Compressor pressure level	2.4MPa Supply / 0.6MPa Return
Last adsorber replacement or maintenance	Has never been replaced YTD
Cold-head model no.	RDK 408 A3
Cold-head YOM	2017
Last cold-head replacement or maintenance	Has never been replaced YTD
PATIENT TABLE INFORMATION	
Table model no.	5265300-22
Table serial no.	00252M67
Table YOM	2017
Positioning pads incl.?	Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/>
WORKSTATION INFORMATION (Main)	
Workstation model no.	8770011-21 Dell T5810
Workstation serial no.	2253364699 (Host ID)
Workstation software version	DV26.0_R05_2008.a
Workstation software options	See Pics 1-14 OC_Option Keys
ACCESSORIES, MANUAL HARD-COPIES AND SOFTWARE DISCS	
Software	Yes
Manuals	Yes
MAINTENANCE	
Is system logbook present?	Yes

COMMENTS	
Functional condition	System is fully functional, and in specification ready for patient use
Cosmetic condition	Very good cosmetic condition. No visible damages. Application coils are in good cosmetic condition coming along with the natural wear with a daily use over 4 years.

PHANTOMS	
Model name	Model no.
Head TLT	46-287900G3
Body TLT	2135652
Cylindrical Unified	5342680
TL Unified	5343347
TL Unified	5343347
Cylindrical Unified	5342681
10 cm Spherical Unified	46-317586G1
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DQA H/D	2321556
MRS Sphere	2152220
SPT Small Half	2306642
SPT Big Half	2306645
SPT Sphere	2274476

COILS LIST And QA TESTING			
RESULT OF TESTS			
Coil name & channels	Model no.	Serial no.	QA
Split Head Coil	5182594	000255WHS	PASS
GEM HNU Anterior	5372735	02033	PASS
GEM HNU Posterior	5372735	02033	PASS
GEM HNU Adaptor Block	5372735	02033	PASS
GEM HNU Adaptor Block Bridge	5372735	02033	PASS
GEM AA 16ch	5015100	00400	PASS
GEM PA (Built in Table)	5372733	1877	PASS
GEM Flex Coil L 16ch	5430000-2	030-4-2020	PASS
GEM Flex Coil M 16ch	5430000-3	023-4-4116	PASS
GEM Flex Coil S			
T/R Knee Coil 16ch	5718233-2	QED1296	PASS
Breast Array 8ch	5396345	01224	PASS
Shoulder Coil 16ch	5720376-2	26	PASS
Hand Wrist T/R 16ch	5768098-2	2001768	PASS

QA TESTING	
TEST NAME PERFORMED	RESULT OF TESTS
	QA
DAQA	PASS
EPT_PM White Pixel Head	PASS
EPT_PM White Pixel Body	PASS
Large Volume Shim	PASS
SPT_PM – Head SNR	PASS
SPT_PM – Head FSE Stability	PASS
SPT_PM – Head GRE Stability	PASS
SPT_PM – Body SNR	PASS
SPT_PM – Body FSE Stability	PASS
SPT_PM – Body GRE Stability	PASS
SPT_PM – Eddy Current (Grafidy) X	PASS
SPT_PM – Eddy Current (Grafidy) Y	PASS
SPT_PM – Eddy Current (Grafidy) Z	PASS