

System Inspection Report

Inspection Date: **30 August 2022**

Inspected by **Orhun TURHAN** // www.echomagnetservices.com

Model : **1.5T, Ge Signa Artist**

YOM : **2017**

Magnet Serial Number : **HM1703**

Application Software Level : **DV26.0_R05_2008a**

Operating System : **Helios 6.10LTM1**

Number of Receive Channels : **96**

He Level : **88.09% @ 0.69psi (After RampDown)**



Console

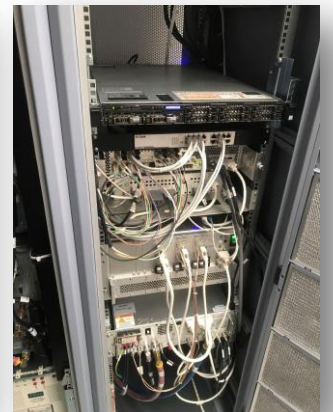


Dell Precision Tower 5810
MR Application Level DV26.0_R05_2008a
OS Helios_6.10LTM1
VRE OS Helios_6.6.2
Service Pack SV26.0_R05_ServicePack01
System ID M9886868

System Electronics



HEC Cabinet



PGR Cabinet – P/N: 574100-7 S/N:PG45A1700031MR

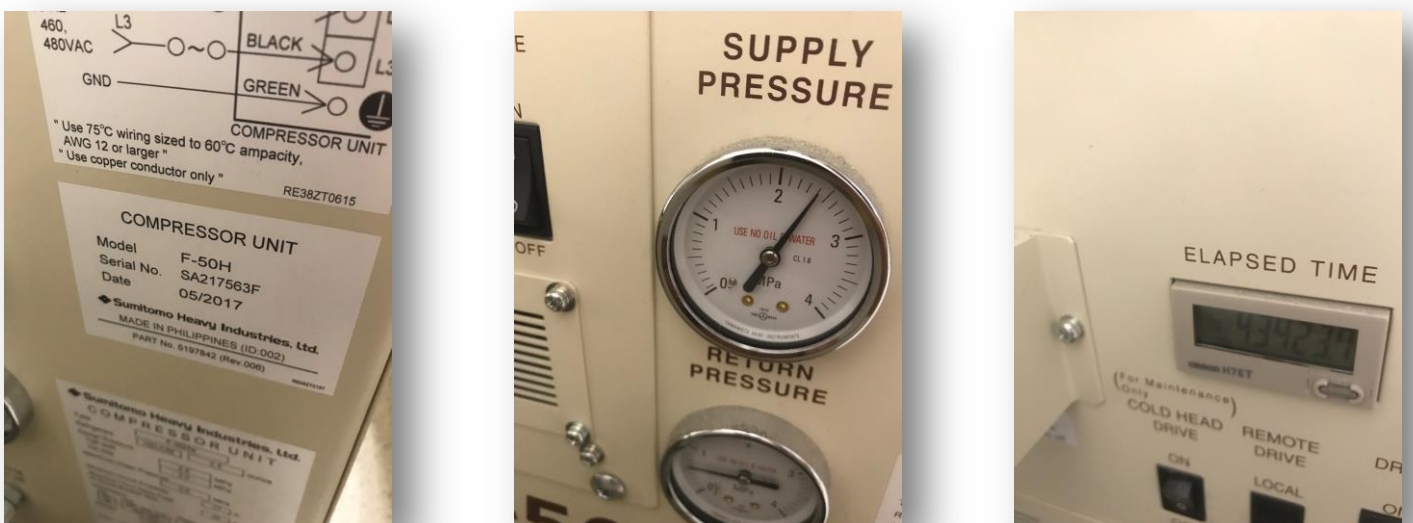


PEN Cabinet HLA1 & Penetration Panel – P/N: 5728191-4 S/N: P76YK1700017MR

Magnet Electronics



Cryogenic Subsystem



Compressor Model: **F50H**
 Serial No: **SA217563F**
 YOM: **05/2017**
 Total Hours: **43423**
 Last Adsorber rep: **Not Replaced**

Helium Level: **88.09%**
 Magnet Pressure: **0.96psi**
 Coldhead RuO: **4.17K**
 Recon RuO: **4.06K**
 Shield: **42.21K**

Coldhead Model: **RDK-408A3**
 Serial No: **3A16M92C**
 YOM: **12/2016**

Options

ARC	Fiesta 2D	Multi-echo fgre	SSFSE MRCP	Cube DIR
3D ASL	2D Fat Sat Fiesta	Multi-Nuclear Spectroscopy	T2Star Weighted ANgiography	Auto Navigator Tracker
Asset	Fiesta 3D	Multi-Phase (variable delays)	T2MAP	Hyperband
Blood Flow and Volume Measurements	3D Fat Sat FIESTA	Navigator	Tagging	Synthetic DWI
Bloodsupp	FIESTA-c	Phase Contrast Vascular Imaging	Diffusion Tensor	Flex
BRAVO	FLAIR3D	fgret	Three Plane Lecolizer	MAGiC (1.5T Based Systems)
BREAST2	FLAIR EPI	Performed Procedure Step	Time Course	SIGNA Voyager 65Ch
Breast Single Voxel Spectroscopy	Flow Analysis	PROBE 3d Brain	MRTOUCH	Hypersense
Brainwave HW	3DRFSE	Probe 2000 Upgrade	FiberTrak	3D Cine
BrainWave PA	Fast Spin Echo and FLAIR	ProbePRESS	TRICKS	4D Flow
BrainWave RT	FSE_XL	PROPELLER	VIBRANT-DE	Cardiac T1 Mapping
BrainWave Fusion	Fluoro-triggered MRA	DW PROPELLER	IP Protection	Cardiac T2 Mapping
BrainStat AIF	Time of Flight	T1 Flair PROPELLER	IDEAL IQ	External Scanner Interface
Cine	3D Heart	T2 PROPELLER	eXtreme Performance Gradient	Brainwave Host PXE
CINE IR	Modality Worklist	T2 Flair PROPELLER	Phase Imaging Technique	Brainwave Skull Strip
COSMIC	IDEAL	Probe 3D Prostate	MAVRIC SL	Brainwave Tract Generation
Cube T2	iDrive	QuickSTEP	Body Navigator	High Receive Channel Count System
3D Dual Echo	iDRIVE Pro	Ready Brain	Black Blood SSFSE	SIGNA Secure Advanced
Delayed Enhancement	Image Filter	MR-Echo	Prospective Motion Correction	HyperCube
3D Delayed Enhancements	Inhance DeltaFlow	Research	PS MDE	Architect XT with 128 Channel
Dual Array	Inhance 2D Inflow	Research PSD	Silent MR	Artist XT with 128 Channel
DW EPI	Inhance 3D Velocity	iDrive Pro Plus	Focus	Integrated Registration
E3DTOF	Inhance 3D Inflow IR	Fgret Real Time	Silent MR angiography	Ready View
Enhanced DWI	Lava	Smart Analysis GE	Silent Propeller	Ready View Body View
Echo Planar Imaging	LAVA-DE	Smart Prep	SW Prep	Ready View Brain View
Fastcine	LAVA-XV	SPECIAL	DISCO	Volume Viewer API
Fast Gradient Echo	2D MERGE	Spectroscopy/PROBE	Chemical Shift	
PGRE Time Course	3DMERGE	SSFSE	MDE Plus	

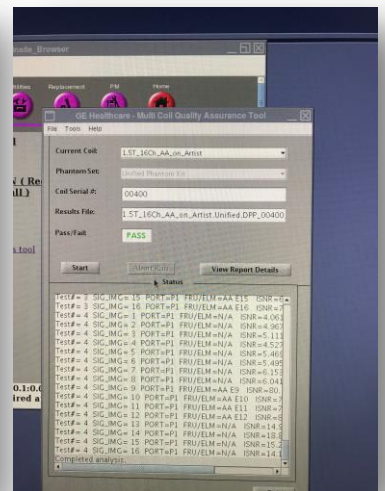
BOLD options are “**PERMANENT**”. Other options are “**NOT INSTALLED**”.

Coils

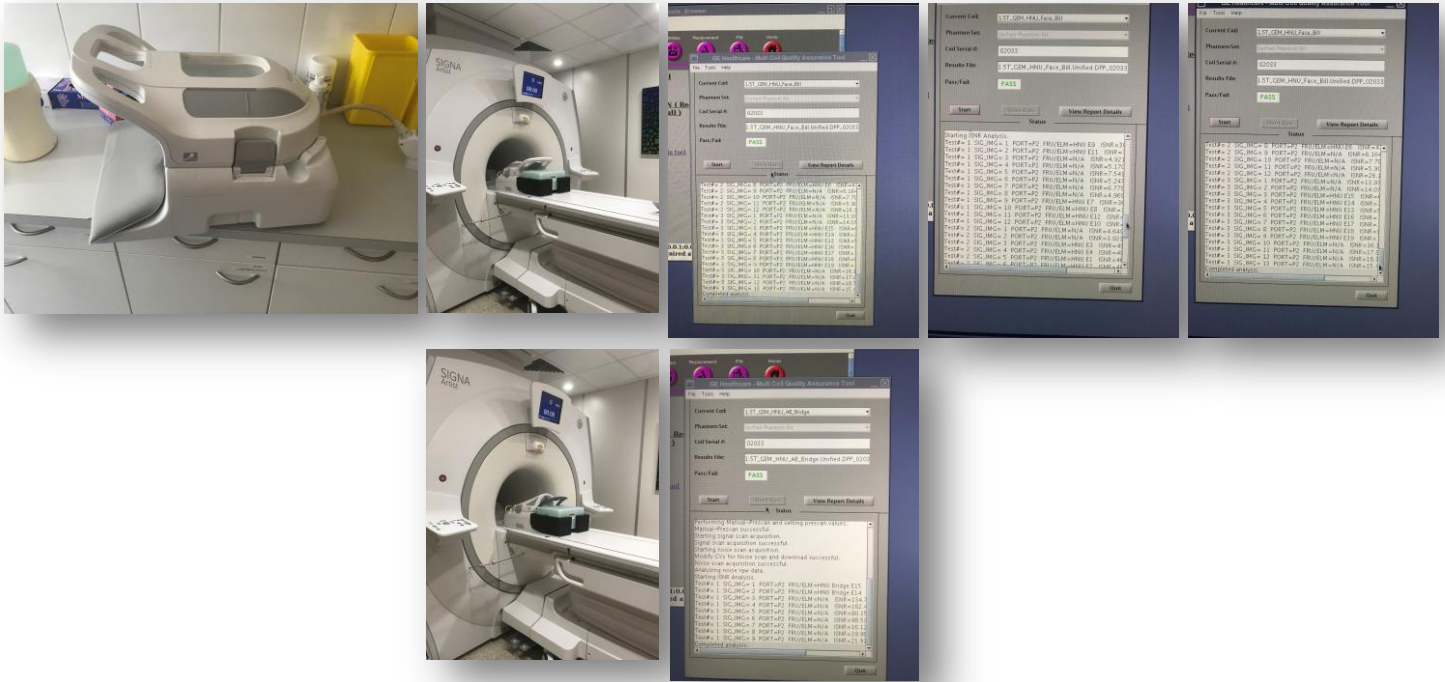
Coil Name	Model No	Serial No	YOM	QA Result
1.5T 16Ch Anterior Array	5015100	00400	July'2017	PASSED
1.5T Gem HNU Posterior / Anterior / Adapter Block Bridge	5372735	02033	June'2016	PASSED
1.5T HD Flat Gem Table Breast Array	5396345	01224	August'2017	PASSED
16Ch Shoulder Coil	5720376-2	26	N/A	PASSED
Discovery MR 450-1.5T Split Head Coil	5182594	000255WHS	February'2017	DQA TEST PASSED
Gem Flex Coil 16-L Array 1.5T	5430000-2	030-4-2020	July'2017	PASSED
Gem Flex Coil 16-M Array 1.5T	5430000-3	023-4-4116	August'2020	PASSED
1.5T Gem PA1	N/A	N/A	N/A	PASSED
1.5T Gem PA2	N/A	N/A	N/A	PASSED
QED 16Ch TR Hand Wrist Coil	5768098-2	QED1610	2018	PASSED
QED 16Ch TR Knee Coil	5718233-2	QED1296	2017	PASSED

Coil Tests

1.5T 16Ch Anterior Array



1.5T Gem HNU Posterior / Anterior / Adapter Block Bridge



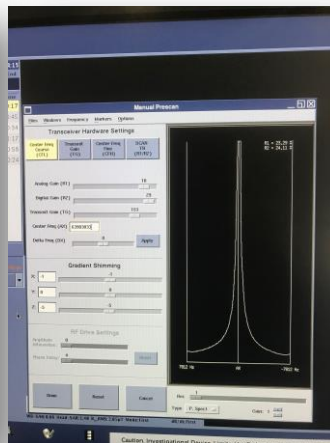
1.5T HD Flat Gem Table Breast Array



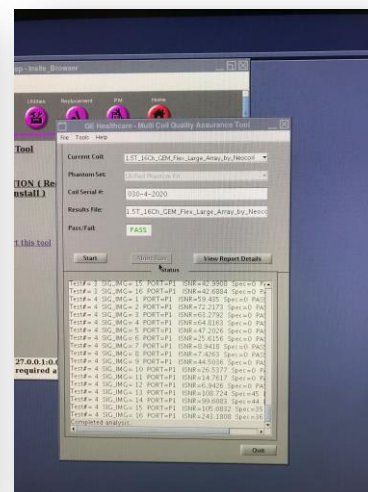
16Ch Shoulder Coil



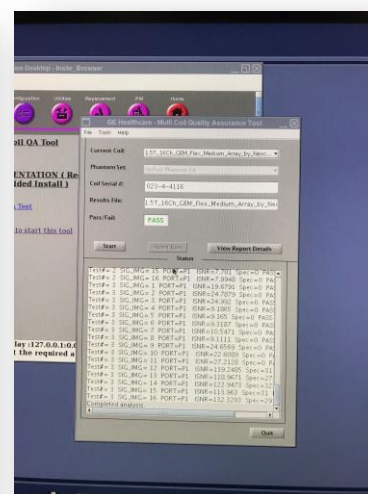
Discovery MR 450- 1.5T Split Head Coil



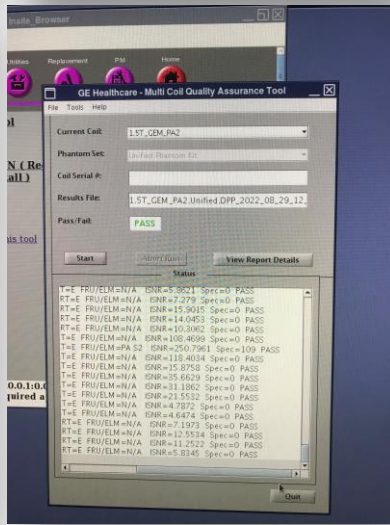
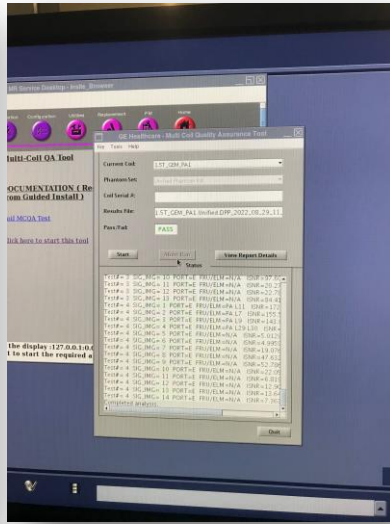
Gem Flex Coil 16-L Array 1.5T



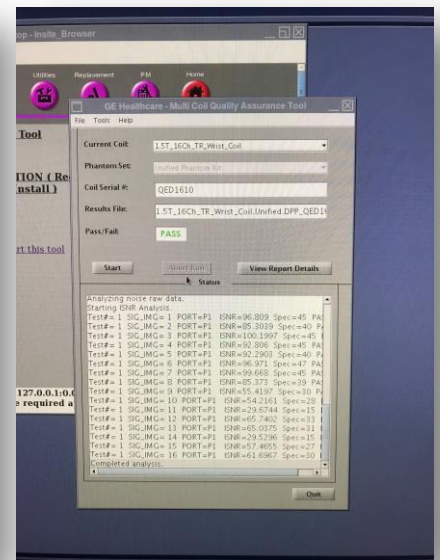
Gem Flex Coil 16-M Array 1.5T



1.5T Gem PA1 & PA2



QED 16Ch TR Hand Wrist Coil



QED 16Ch TR Knee Coil

