

QUALITY ASSURANCE REPORT

SIEMENS Sempra 1.5T MRI

ITEM: NVI-C00522



ISSUED BY NOVO IMAGING APS | INSPECTION DATE: 17 MARCH 2026

MANUFACTURER

Siemens

MODALITY

MRI

SYSTEM YOM

2019

QA TYPE

De-Installation

Customer report

This report presents the system configuration, component details, maintenance status, included coils and recorded QA results for the Siemens Sempra 1.5T offered by NOVO Imaging ApS.

System identification & magnet condition

Core system data, inspection status and magnet readings

SYSTEM INFORMATION

Manufacturer	Siemens	Modality	MR / MRI	Model	Sempra
Serial no.	181698	System YOM	2019	Fixed or mobile?	Fixed
Upgraded system	No	Year of upgrade	Not specified	Base plate	Not included
Gradient type	GC 12	No. of channels	16	No. of quenches	0

BASIC MAGNET DETAILS

Magnet type	AX 93	Magnet model no.	10840816
Magnet YOM	2019	Magnet serial no.	6895

INSPECTION DETAILS

QA type	De-Installation	Inspection date	17 March 2026	Report issuer	NOVO Imaging ApS
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MAGNET INFORMATION

Current helium level	53.0%	Magnet pressure	15.51 psi	Shield temperature	Link 50.7 C / Bore 55.6 C
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Magnet support systems

Cooling, gradient, RF distribution and patient table

COOLING SYSTEM INFORMATION

COMPRESSOR / CRYO COOLER

Model no.	F-70H
Part no.	267046D23L
Serial no.	SC218B99K
YOM	2018
Running time	59,928.9 h
Pressure level	22 bar
Last adsorber maintenance	15 May 2025

COLDHEAD

Model no.	RDK-408L3
Part no.	1P10613748
Serial no.	35L15F96B(C)
YOM	2015
Last cold-head service	Not specified
Temperature	36.2 K

GRADIENT AND RF SYSTEM

Gradient coil model	10840390	Gradient coil part no.	10840390
Body RF coil model	10837764	Body RF coil part no.	10837764
Power distribution model	10840816	Power distribution part no.	10840816
Power distribution serial	181598	Power distribution YOM	2019

PATIENT TABLE INFORMATION

Model no.	PATBtable 012 W/I Vertical Sempra 10911968	Serial no.	10502
YOM	2019	Extra trolley?	No
Positioning pads included?	Yes		

Main host workstation

Hardware identification and licensed software options

WORKSTATION INFORMATION (MAIN-HOST)

Model no.

HP Z440
11062030

Serial no.

6895

Software version

VE11S SP4

SOFTWARE OPTIONS

- TM Application Suite
- Anglo Suite
- Cadac Suite
- Navis Suite
- Body Suite
- Drive Suite
- One Suite
- Quizz Suite
- Event Suite
- Scenic Suite
- synqo Generic License
- 3D Space License
- 3D MPR (Volume of Interest)
- 3D VOI
- 3D SRR
- Argo Viewer
- Worklist
- Premium2
- Optimized Protocols for EC
- synqo Remote Assist
- CISS & DESS
- IPAT Extension
- Motion Correction NR
- Mammo
- Image Filter Software
- MPS
- Inline 3D Distortion Correction
- 3D Distortion Correction
- MDDW
- Morphology Quality Control
- Inline Diffusion
- BLADE
- T2SE
- DotEngine Basic
- Brain DotEngine
- Lightweight Heart iS
- Fast
- Inline Peristaltic
- Time Filtering Suite
- SWI
- AutoAlign
- Knee Engine
- Noise Reduction Local AIF
- Liver Dot Engine
- Subtract Dot Engine
- synqo PBV Engine
- AutoAlign Head
- Additional options QT_WARP_W3T
- Additional options In_WARP_W3T
- Additional options WARP
- Additional options CAIPIRINHA
- Advanced WARP
- TWIST VIBE
- SWI iBE

Condition, maintenance and included documentation

Additional workstation, maintenance history and system status

ADDITIONAL WORKSTATION

Type	Syngo.VIA	Model no.	10496180
Serial no.	222861	Software version	VB30

ACCESSORIES, MANUALS AND SOFTWARE MEDIA

Software discs	Yes	System operator manuals	Yes
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MAINTENANCE AND CONDITION

SYSTEM FUNCTIONAL - NO ISSUES RECORDED

Functional condition: Yes | System logbook: Present | Last preventive maintenance: 05 February 2026

RECORDED MAJOR PART REPLACEMENTS

- Final-stage water hub collector
- Patient table coil plug connector
- Patient table spine gum roller
- ACS fans

SERVICE TOOLS

Service tools

NOT LISTED

No service tools are listed with the supplied system documentation.

REPORT STATEMENT

This customer report is issued by NOVO Imaging ApS and presents the system configuration and recorded inspection results available for the equipment at the date of issue.

Included coils and QA phantoms

Inventory, identification and recorded QA status

COIL INVENTORY AND QA RESULTS

#	Name & channels	Model no.	Serial no.	YOM	QA result
1	Breast 4	10838428	30095	Not specified	PASSED
2	Extremity 12	10838420	1385	Not specified	PASSED
3	Flex Large 4	10498865	4995	Not specified	PASSED
4	Flex Small 4	10498866	4795	Not specified	PASSED
5	Foot Ankle 10	10838426	1094	Not specified	PASSED
6	Head/Neck 16	10837356	2526	Not specified	PASSED
7	Shoulder Large 6	10838416	1983	Not specified	PASSED
8	Shoulder Small 6	10838418	1217	Not specified	PASSED
9	Spine 18	10838408	1701	Not specified	PASSED
10	Body 6	10837358	5211	Not specified	PASSED
11	Body 6	10837358	6239	Not specified	PASSED

PHANTOMS

#	Model name	Model no.	Serial no.	Holder
1	Phantom Spherical D240	10496685	25109	Yes
2	Phantom Spherical D165	10496625	24912	Yes
3	Phantom Plastic Bottle 1900	08624186	27631	Yes
4	Phantom Plastic Bottle 1900	08624186	27630	Yes
5	Foot Ankle Phantom 3300	10352484	21984	Yes
6	Phantom MR 5300	10606530	23607	Yes

System QA testing - Part 1

All listed checks were recorded as passed at the time of inspection

SYSTEM QA TESTING

#	Performed check	Test result
1	System overall is clean	PASSED
2	System shuts down normally without errors (performed by client; check/attach error log)	PASSED
3	System boots normally without errors (performed by client; check/attach error log)	PASSED
4	No abnormal noise produced by system parts	PASSED
5	All system monitors, screens and displays function correctly	PASSED
6	No fluid leaks	PASSED
7	No signs of water leakage in the SEP cabinet	PASSED
8	Inspect hydraulic cylinder for leaks / spindle for noise or loss of bearings	PASSED
9	No system error LEDs lit	PASSED
10	No damage to system covers, parts, cables or connectors	PASSED
11	No system error or warning messages displayed (check/attach error log)	PASSED
12	All motorized and manual system movements can be executed	PASSED
13	No errors reported when executing system embedded diagnostics (check/attach error log)	PASSED
14	No system adjustment values out of specification (report manager record)	PASSED
15	All system user interfaces, buttons and knobs function correctly	PASSED
16	No mechanical damage to moving system parts	PASSED
17	All system filters clean	PASSED
18	All system cooling fans clean and operational	PASSED
19	Tilt and/or shockwatch sensors not triggered	PASSED
20	Spike Check	PASSED

System QA testing - Part 2

All listed checks were recorded as passed at the time of inspection

SYSTEM QA TESTING

#	Performed check	Test result
21	Synthesizer Check	PASSED
22	Stability Check	PASSED
23	BC Power Losses Check	PASSED
24	Eddy Current Compensation Check	PASSED
25	Cross Term Compensation Check	PASSED
26	Image Orientation Check	PASSED
27	Phantom Shim Check	PASSED
28	Gradient Regulator Check	PASSED
29	Gradient Delay Check	PASSED
30	Gradient Rise Time Check	PASSED
31	BC Tuning Test	PASSED
32	Feedback Loop Calibration Check	PASSED
33	RX Gain Calibration Check	PASSED
34	Cable Length Check	PASSED
35	RF Noise Check	PASSED
36	Gradient Sensitivity Check	PASSED
37	BC Image Check	PASSED
38	Long Term Stability Check	PASSED

ALL 38 RECORDED QA CHECKS PASSED