

Body XL Coil Config Change**Effectivity:**

Refer to the following Table and perform this Service Note according to the Action in the Table.

	System	Coil	Action
1	IB *	EFF ***	Perform this SV Note.
2	FWD **	EFF	Just check that coil config file is already updated.
3	IB	FWD	Perform this SV Note. (This information is described in Body XL Service Document also.)
4	FWD	FWD	No need to perform this Service Note. (This information is described in Body XL Service Document also.)

*IB: Installed Base System.

**FWD:Forward System or Coil.

***EFF:Coil listed in the following Effective Coil list.

Effective Coils shipped before April, 2003

All Signa Ovation Systems with Extra Large Body Coil, model number 2360905 with the following serial numbers:
913558YM3, 913559YM1, 913560YM9, 913561YM7, 913562YM5, 913563YM3, 913564YM1, 913565YM8,
913566YM6, 913567YM4, 913568YM2, 931347YM9

Overview:

Coil Config Value of Recon Scale Factor and Attenuation-Q is changed to optimize the SNR.

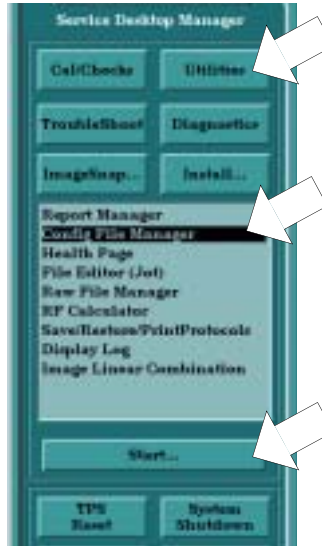
Recon Scale Factor: Old Value: 2.7 → New Value: 2.9

Attenuation-Q: Old Value: 3 → New Value: 7

Refer to the Table in Effectivity and perform this Service Note.

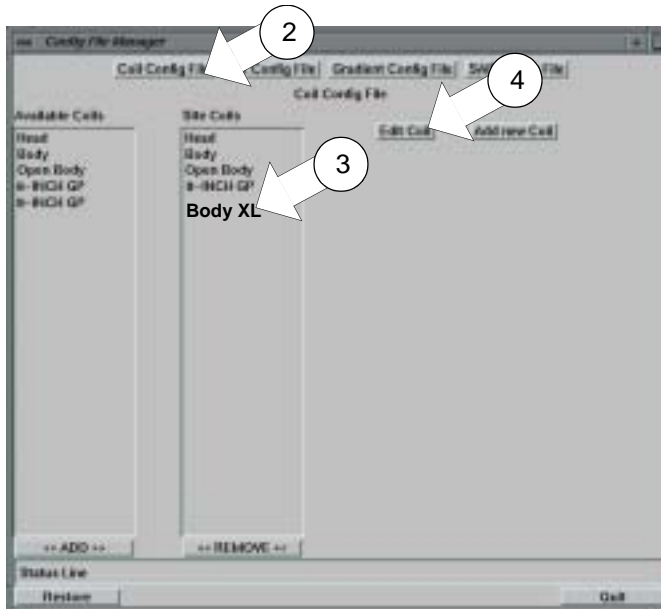
Procedure:

1. From the SV Desktop Manager, select [Utilities] and “Config File Manager”. Then, click [Start....].



SERVICE DESKTOP MANGER
Illustration 1

2. Select Coil [Coil Config File].
3. Select “Body XL” from Site Coils.
4. Select [Edit Coil].



CONFIG FILE MANAGER
Illustration 2

5. Change the following coil config values.
 - Recon Scale Factor:** Old Value: 2.7 → New Value: 2.9
 - Attenuation-Q:** Old Value: 3 → New Value: 7
6. After update the coil config, click [ok]. Then, click [Quit] at the Config File Manager screen.
7. Reboot the system.

Appendix (New Coil Config List)

CoilConfig	CoilConfig in config manager	
coilName	Coil Name	Body XL
coilType	Coil Type	3
extremity	Extremity Coil	no
cableLoss	Cable Loss	1
coilLoss	CoilLoss	1.165
reconScale	Recon Scale Factor	2.9
linearQuad	Linear(0) vs. Quadrature(1)	1
multiCoil	Multiple Receiver Coil?	no
numRec	Number of Receivers	1
startRec	Starting Receiver ID	0
endRec	Ending Receiver ID	0
mcPortEnable	Multi-Coil Port Enable	0
mcErrorEnable	Multi-Coil Port Error Enable	0
xmitAtten	Additional transmit attenuation	0
numFastRec	Number of Fast Receivers	0
startFastRec	Starting Fast Receiver ID	4
endFastRec	Ending Fast Receiver ID	4
fastTGstartTA	Fast TG Start TA	90
fastTGstartRG	Fast TG Start RG	12
mcReconEnable	Multi Coil Recon Enable	0
autoshimRcvr	Phased Array T/R Coil for Autoshim	-1
headDefaultFreqDir	Head Default Freq Dir	0
scic_a (*)	SCIC++parameters for axial plane	0
scic_s (*)	SCIC++parameters for sagittal plane	0
scic_c (*)	SCIC++parameters for coronal plane	0
mcCoilSeparationDir (*)	Multi-coil Separation direction	0
coilCode	Coil Code	BODYFLXXL
mcChannelSel	Multi Coil Channel Selection	0
ATTN_Q	Attenuation-Q	7
ATTN_I	Attenuation-I	0
quadRotation	Select Quadrature Shifter	1
quadRcvCoil	quadRcvCoil	1
cfoption	cfoption	0
mcSwitchSel (*)	mcSwitchSelect	0

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