

# SERVICE NOTES

Nov 19th, 2001

Page 1 of 2

FILE TITLE

Signa Ovation System

SN62700C

## Signa Ovation Coil Data Sheet

### Overview:

Service Manuals of Signa Ovation CTL Array Coil, Knee Small Coil, Open Body Coil, Shoulder Coil, Wrist Coil, Knee LG Coil, and Breast Coil are shipped with each Coil. However, data sheets are not completed in the manuals. So, use this data sheet.

### Data Sheet:

#### CTL Array Coil

Configuration	Element	ROI position	M3 temporary Spec.
CTL-C	composite	P 50, S/I 0	280.40
CTL-T	composite	P 50, S 100	93.48
	composite	P 50, S/I 0	109.32
	composite	P 50, I 100	125.16
CTL-L	composite	P 50, S 100	99.89
	composite	P 50, I20	122.36
	composite	P 50, I 100	103.91

If the result of SNR check of CTL array coil is out of specification, perform the SNR Check again.  
 If the average value of results is within the specification, CTL Array Coil does not have any problem.  
 If SNR check is performed 4 times and average value of each scan does not satisfy the specification, the coil is considered as inferior coil.

#### KNEE(S)/FOOT

			M4 Spec
Knee small	2		n/a
Knee small	4		n/a
Knee small	composite		205

no spec but need data at site  
 no spec but need data at site

Foot	4		n/a
Foot	5		n/a
Foot	6		n/a
Foot	none		-
Foot	composite		146

no spec but need data at site  
 no spec but need data at site  
 no spec but need data at site

#### Open body coil

			M4 Spec
Open body	n/a		132

#### Wrist coil

			M3 temporary Spec.
Wrist	1		n/a
Wrist	2		n/a
Wrist	3		n/a
Wrist	none		-
Wrist	composite		324

no spec but need data at site  
 no spec but need data at site  
 no spec but need data at site

#### Shoulder coil

			M3 temporary Spec.
Shoulder	2		n/a
Shoulder	4		n/a
Shoulder	composite		155

no spec but need data at site  
 no spec but need data at site

Continue to next page

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**Data Sheet (continued):**

<b>Knee LG Coil</b>			<b>M3 temporary Spec.</b>	
Knee LG	5		n/a	no spec but need data at site
Knee LG	7		n/a	no spec but need data at site
Knee LG	composite		175	

<b>Breast Coil</b>			<b>M3 temporary Spec.</b>	
R breast	1		n/a	no spec but need data at site
R breast	2		n/a	no spec but need data at site
R breast	composite		113	
L breast	3		n/a	no spec but need data at site
L breast	4		n/a	no spec but need data at site
L breast	composite		113	

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