

FREQUENCY STABILITY		Date: 20 SEP 2000					
Standard: FCC Title CFR 47, §90.213(a)		File: 00092001_2ppm.xls					
Device Tested: GE Medical Systems; Medical Telemetry Transmitter, Model 340							
		Reference Frequency in MHz: 460.6625					
	Upper Limit (+2.5 ppm above Reference Frequency):	460.663652					
	Lower Limit (-2.5 ppm below Reference Frequency):	460.661348					
	Maximum Frequency $\Delta$ from Reference Frequency (in $\pm$ KHz):	1.151656					
Meas #	Time	Temp in C° Chamber / Internal	Measured Frequency (MHz)	Frequency $\Delta$ from Reference Frequency (in KHz):	Frequency $\Delta$ from Reference in ppm ( $\pm$ 2.5 ppm max)	Result	Comments
1	13:45	28 / 29	460.662478	-0.022000	-0.048	PASSED	Room Temp
2	14:40	2 / 9	N/A				XMTR auto shut off at 9° C
3	15:33	10 / 10	460.663013	0.513000	1.114	PASSED	Auto Power up at 10° C
4	15:35	10 / 12	460.662721	0.221000	0.480	PASSED	Stabilized at 10° C
5	16:03	20 / 21	460.662618	0.118000	0.256	PASSED	Stabilized at 20° C
6	17:23	30 / 31	460.662457	-0.043000	-0.093	PASSED	Stabilized at 30° C
7	17:45	40 / 41	460.662208	-0.292000	-0.634	PASSED	Stabilized at 40° C
8	18:12	50 / 51	460.662038	-0.462000	-1.003	PASSED	Stabilized at 50° C
Tested by: Mark Ryan							
TUV Rheinland of North America, Inc. 12 Commerce Road Newtown, CT 06470 Tel:(203) 426-0888 Fax: (203) 426-400							

**TUV Rheinland of North America, Inc**  
**North American Headquarters**  
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17: 47: 49 SEP 20 2000

TELEMETRY TX AT +40 DEG C

REF -40 0 dBm #AT 10 dB

PEAK  
 LOG  
 10  
 dB/

COUNTER  
 460.662190 MHZ  
 -68.88 dBm

WA SB  
 SC FC  
 CORR

CENTER 460 66228 MHZ  
 #RES BW 100 HZ

NOTES:

TYPICAL FREQUENCY STABILITY MEASUREMENT  
 PER FCC 90.213 (a) + 2.1055 (a)(1)

CNTR 460 662190 MHZ

-68 88 dBm

MEAS TYPE:

- Radiated Prescan
- Radiated Final
- Conducted
- Disturbance Power
- Other

ANTENNA/COUPLER:

- 9124 Bicon
- 3146 Log Per
- 3106 Horn
- 3109 Bicon
- 3115 Horn
- CBL6112B Bilog
- CBL6140 X-Wing
- MDS-21 Clamp
- NSLK 8126 LISN
- NNB-4/63TL LISN
- NNB-4/200X LISN

POLARIZATION:

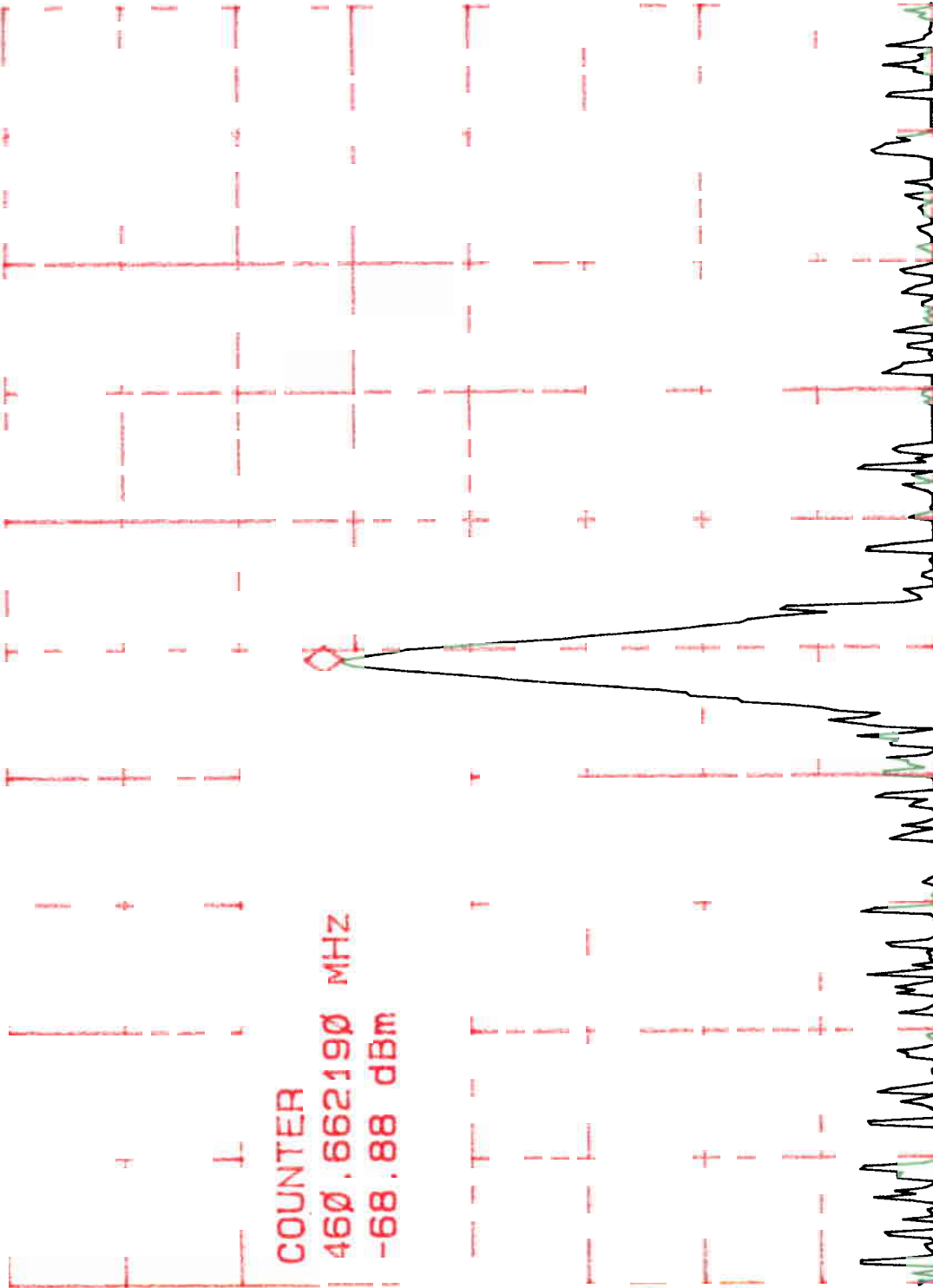
- Horizontal
- Vertical
- NA

DISTANCE:

- 3 Meter
- 10 Meter
- Meter
- NA

LOCATION:

- OATS
- Semi-Anechoic
- Shielded Room
- Factory Floor
- Other



SPAN 10 00 KHZ  
 SWP 3 00 sec

VBW 100 HZ





**MEAS TYPE:**

- Radiated Prescan
- Radiated Final
- Conducted
- Disturbance Power
- Other **BATTERY**

**ANTENNA/COUPLER:**

- 9124 Bicon
- 3146 Log Per
- 3106 Horn
- 3109 Bicon
- 3115 Horn
- CBL6112B Billog
- CBL6140 X-Wing
- MDS-21 Clamp
- NSLK 8126 LISN
- NNB-4/63TL LISN
- NNB-4/200X LISN
- NA**

**POLARIZATION:**

- Horizontal
- Vertical
- NA

**DISTANCE:**

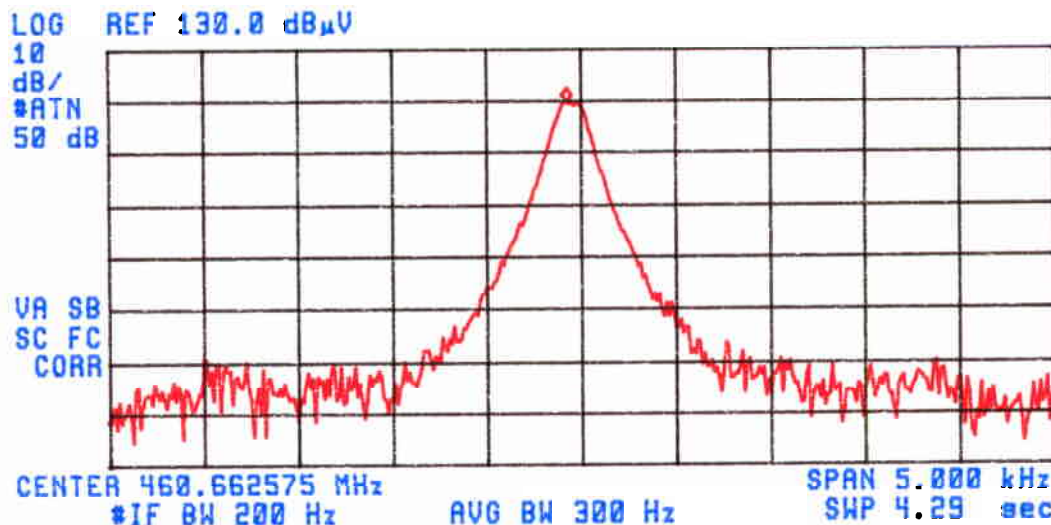
- 3 Meter
- 10 Meter
- Meter
- NA

**LOCATION:**

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- Shielded Room
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NOTES:  
 RESULTING FREQUENCY AT BATTERY ENDPOINT WAS 5 Hz  
 BATTERY END POINT 2.1057(d) (2)

09:40:10 OCT 25, 2000  
 GE MEDICAL MODEL 340 BATTERY END POINT - 6.01VDC  
 ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 CNTR 460.662540 MHz  
 119.84 dBμV



09:42:05 OCT 25, 2000  
 GE MEDICAL MODEL 340 BATTERY END POINT - 4.00VDC  
 ACTV DET: PEAK  
 MEAS DET: PEAK QP AVG  
 CNTR 460.662535 MHz  
 118.91 dBμV

