

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 Δ from Reference Frequency (in ±KHz):	1.151656		
Meas #	Time	Temp in C° Chamber / Internal	Measured Frequency (MHz)	Frequency Δ from Reference Frequency (in KHz):	Frequency Δ from Reference in ppm (±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	

NOTES:

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

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

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:

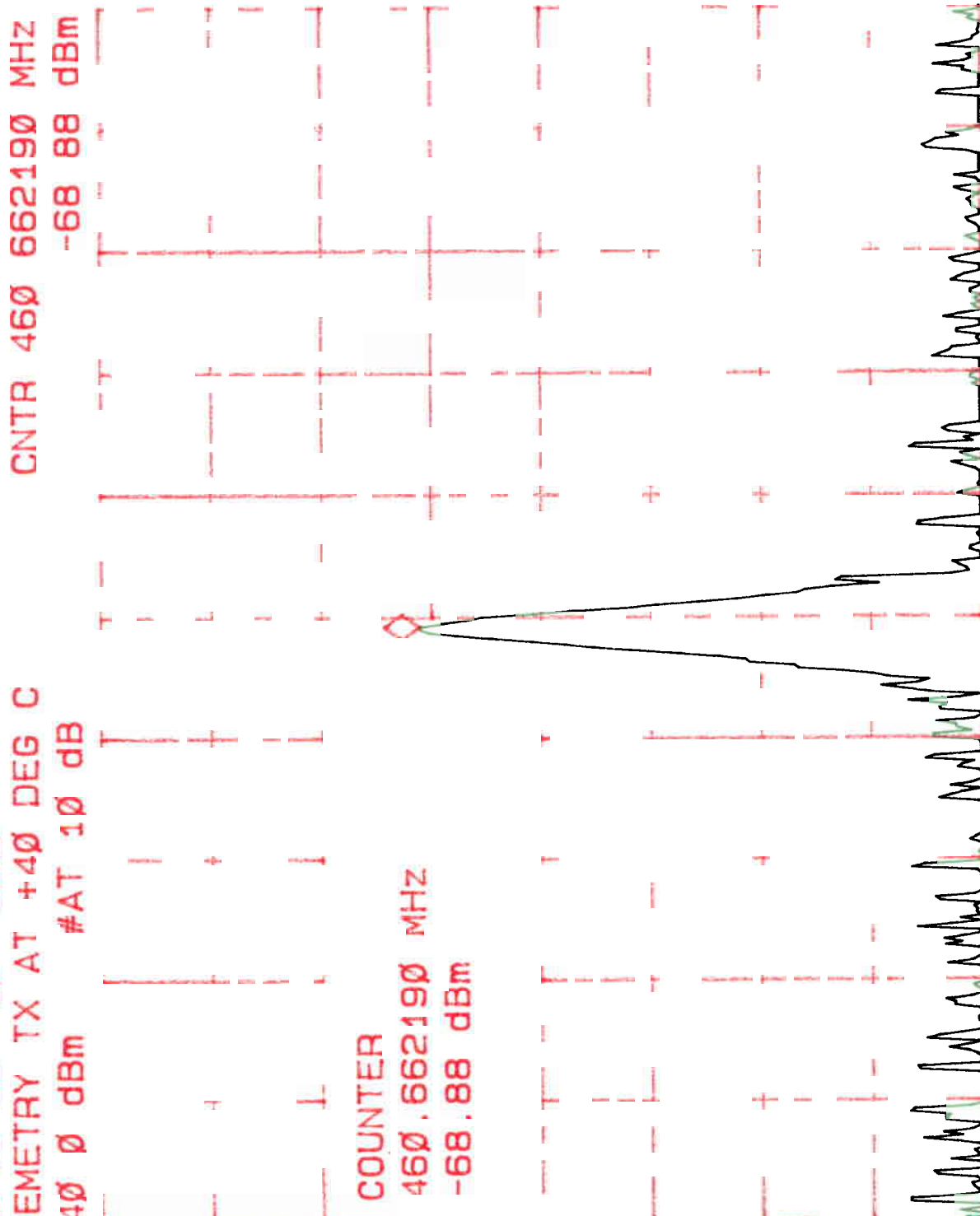
- ☐ Horizontal
☐ Vertical
☐ NA

DISTANCE:

- ☐ 3 Meter
☐ 10 Meter
☐ Meter
☐ NA

LOCATION:

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



CENTER 460 66228 MHZ

#RES BW 100 HZ

VBW 100 HZ

SPAN 10 00 KHZ
 SWP 3 00 sec

NOTES:

RESULTING FREQUENCY AT BATTERY ENDPOINT WAS 5 Hz
 BATTERY END POINT 2.1057(d)(2)

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 Bilog
☐ CBL6140 X-Wing
☐ MDS-21 Clamp
☐ NSLK 8126 LISN
☐ NNB-4/63TL LISN
☐ NNB-4/200X LISN

POLARIZATION:

- ☐ Horizontal
☐ Vertical
☒ NA

DISTANCE:

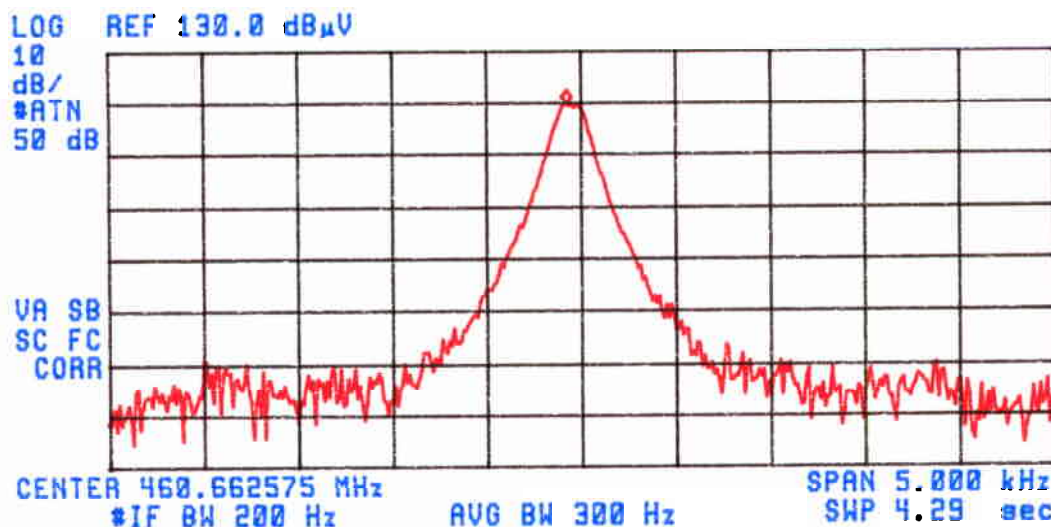
- ☐ 3 Meter
☐ 10 Meter
☐ Meter
☒ NA

LOCATION:

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



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 - 4.08VDC
 ACTV DET: PEAK
 MEAS DET: PEAK QP AVG
 CNTR 460.662535 MHz
 118.91 dBμV

