|  |  |  |  |
| --- | --- | --- | --- |
| **System S/N:** | \_\_\_\_\_\_\_\_\_\_\_ | **Probe S/N:** | \_\_\_\_\_\_\_\_\_\_\_ |
| **Installation site:** | \_\_\_\_\_\_\_\_\_\_\_ | **Call or service report #:** | \_\_\_\_\_\_\_\_\_\_\_ [ ]  **NA** |

If needed, please refer to the procedure INS-367 for more details.

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| probe parameters. |
| N°§ | CONTROL | PASS | FAIL | COMMENTS |
| 12.2 | Power connector ‘VPC’ inserts easily in the socket.Lock is smooth and easy. | [x]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_ |
| 12.3 | Ultrasound connector inserts easily in the socket.Lock is smooth and easy. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_ |
| 12.4 | Treatment probe adapts correctly without forcing onto its support. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_ |
| 12.5 | Holding pin correctly locks the probe each time. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_ |
| 12.6 | Focal Pak connectors are easy to connect. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_ |
| 12.7 | Go to technical file, all values between software and data sheet are the same. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_ |
| **WARNING: The probe temperature must be at 13°C (+/- 1°C) during the whole calibration process.** |
| 12.14 | Probe is correctly calibrated. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_ |

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| Power |
| N°§ | CONTROL | PASS | FAIL | COMMENTS |
| 13.5 | Go to **Maintenance**, **Firings and Power** tab. Click on **Open trajectory** and select **PM trajectory.prm** file. Click on **Use Probe Power coeffs** and then, click on **Send trajectory to generator**.Click on **Start Cooling** and once the probe temperature is lower than 13.5°, **Execute the trajectory**.Once the trajectory is complete, fill the following table:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Firing number | Focal | Watts per channel | Total of watts | Total of Watts into “Pact\_Load (W)” columns |
| 1 | 32 | 1 | 16 | \_\_\_\_\_\_\_\_\_\_\_ |
| 2 | 37 | 2 | 32 | \_\_\_\_\_\_\_\_\_\_\_ |
| 3 | 42 | 3 | 48 | \_\_\_\_\_\_\_\_\_\_\_ |
| 4 | 47 | 4 | 64 | \_\_\_\_\_\_\_\_\_\_\_ |
| 5 | 52 | 5 | 80 | \_\_\_\_\_\_\_\_\_\_\_ |
| 6 | 57 | 6 | 96 | \_\_\_\_\_\_\_\_\_\_\_ |
| 7 | 62 | 7 | 112 | \_\_\_\_\_\_\_\_\_\_\_ |
| 8 | 67 | 8 | 128 | \_\_\_\_\_\_\_\_\_\_\_ |
| 9 | 72 | 9 | 144 | \_\_\_\_\_\_\_\_\_\_\_ |
| 10 | NAT | 10 | 160 | \_\_\_\_\_\_\_\_\_\_\_ |

 |
| 13.6 | Shots are within tolerance.  | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| 3D MEASUREMENT |
| Start **FOneTherapy** software. Connect to **EDAP** hospital.Use protocol **91** and FocalPak number **223Y T5N5**.Use the circle tool with lead balls and membrane. When U/S image is available, do all the measurement. |
| N°§ | CONTROL | VALUE | PASS | FAIL | COMMENTS |
| 14.1 | X real (apex – base)X measured | \_\_\_\_ mm\_\_\_\_ mm(<2 mm) | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 14.2 | Y real (anterio – posterior)Y measured | \_\_\_\_ mm \_\_\_\_ mm(<2 mm) | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 14.3 | Z real (left – right)Z measured | \_\_\_\_ mm\_\_\_\_ mm(<2 mm) | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 14.4 | Software detects rectum automatically. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| treatment simulation |
| **WARNING: The probe temperature must be less than 13.5°C during the whole treatment simulation.** |
| N°§ | CONTROL | PASS | FAIL | COMMENTS |
|  Area 1 Block 1 slices 1 to 5: 12 lesions, focal 32 & 37 only. Area 1 Block 2 slices 6 to 10: 12 lesions, focal 32, 37, 42 & 47 only. |
| 15.4 | Treatment area is correctly defined. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 15.5 | Lesions are correctly displayed. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 15.6 | Endo-rectal probe moves to the next slice. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 15.7 | Localization process is successfully completed. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 15.8 | Endo-rectal probe moves from lesion to lesion. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 15.9 | Treatment area is successfully completed. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
|  Area 2 Block 1 slices 1 to 5: 12 lesions, focal 32, 37, 42, 47, 52 & 57 only. Area 2 Block 2 slices 6 to 10: 12 lesions, all focal points. |
| 15.10 | Treatment area is correctly defined. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 15.11 | Lesions are correctly displayed. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 15.12 | Endo-rectal probe moves to the next slice. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 15.13 | Localization process is successfully completed. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 15.14 | Endo-rectal probe moves from lesion to lesion. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| 15.15 | Treatment area is successfully completed. | [ ]  | [ ]  | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

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| --- | --- | --- |
| Date: \_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_ |
| Signature: | Signature: | Signature: |
| CUSTOMER\_\_\_\_\_\_\_\_\_\_\_ | FSE\_\_\_\_\_\_\_\_\_\_\_ | SERVICE MANAGER\_\_\_\_\_\_\_\_\_\_\_ |

Once complete, please send this document to **ccc@edap-tms.com**

with all documents and data which might be helpful:

**all txt calibration files + ProbeCalibListing.txt + Tech File.**