**Geometry Parameters** (layer thicknesses): Fixed

**Thermal Property Parameters** (16 parameters with 2 levels: high and low, notice the brain and brain focus have the same w and alpha values, but differing SAR values, thus, 16 parameters rather than 18):

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Tissue Type |  |  |  |  |  |  |
| Brain |  |  |  |  |  |  |
| Brain (focus) |  |  |  |  |  |  |
| Fat |  |  |  |  |  |  |
| Skin |  |  |  |  |  |  |
| Cortical Bone |  |  |  |  |  |  |
| Cancellous Bone |  |  |  |  |  |  |

**Treatment Parameters** (3 parameters with 2 levels: high and low):

|  |  |  |
| --- | --- | --- |
| Parameter | 1st level: low | 2nd level: high |
| Time ultrasound is on |  |  |
| Time ultrasound if off |  |  |
| Number of sonications |  |  |

**Boundary Convection Parameters** (2 parameters: one with 3 levels, one with 4 levels):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Parameter | 1st level | 2nd level | 3rd level | 4th level |
|  | 5°C | 15°C | 25°C |  |
|  | 0 | 50 | 500 | 5000 |