**Electromagnetic Waves**

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| --- | --- | --- |
|  | Application or device | Type of electromagnetic radiation |
| **1** | **Cancer treatment** | **Gamma Rays** |
| **2** | **Camera** |  |
| **3** | **Kettle** |  |
| **4** | **Security pen** | **UV Light** |
| **5** | **Microwave oven** |  |
| **6** | **Radio** |  |
| **7** | **Satellite TV** |  |
| **8** | **Electric Heater** |  |
| **9** | **Toaster** |  |
| **10** | **Mobile phone** |  |
| **11** | **Electric lamp** |  |
| **12** | **Sun bed** |  |
| **13** | **TV** | **Radio Waves** |
| **14** | **TV remote control** |  |
| **15** | **X-ray photo** |  |

**Electromagnetic Waves (Solution)**

|  |  |  |
| --- | --- | --- |
|  | Application or device | Type of electromagnetic radiation |
| **1** | **Cancer treatment** | **Gamma Rays** |
| **2** | **Camera** | **Light** |
| **3** | **Kettle** | **Infrared** |
| **4** | **Security pen** | **UV Light** |
| **5** | **Microwave oven** | **Microwaves** |
| **6** | **Radio** | **Radio** |
| **7** | **Satellite TV** | **Microwaves** |
| **8** | **Electric Heater** | **Infrared** |
| **9** | **Toaster** | **Infrared** |
| **10** | **Mobile phone** | **Microwaves** |
| **11** | **Electric lamp** | **Light** |
| **12** | **Sun bed** | **Ultraviolet** |
| **13** | **TV** | **Radio Waves** |
| **14** | **TV remote control** | **Infrared** |
| **15** | **X-ray photo** | **X-Rays** |