**LITERATURE SURVEY:**

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| **S.NO** | **TITLE** | **YEAR OF PUBLICATION** | **TECHNIQUE USED** | **DRAWBACKS** |
| 1. | Microwave system for head imaging | 2014 | Wideband microwave system | low radiation efficiency |
| 2. | Dual-polarized broadside, thin dielectric resonator antenna for microwave imaging | 2013 | Dielectric resonator antenna | High cross-polarization levels. |
| 3. | Ultra wideband compact near-field imaging system for breast cancer detection | 2015 | miniaturised bowtie antennas | Excitation of surface waves |
| 4. | Near-field microwave imaging based on aperture raster scanning with TEM horn antennas, | 2011 | ultrawideband antenna | Slower adoption rate |
| 5. | Low-profile magneto-electric dipole antenna | 2016 | magneto-electric dipole antenna | For very low frequencies, the wavelength is too long |