

LIST OF ABBREVIATIONS

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|---------------|---|
| 5G | : Fifth Generation |
| CST | : Computer Simulation Technology |
| ENG | : Epsilon-Negative |
| dB | : Decibel |
| DNG | : Double-Negative Material |
| FR-4 | : Flame Resistant-4 (Dielectric Material) |
| GHz | : Gigahertz |
| HPBW | : Half-Power Beamwidth |
| LHM | : Left-Handed Material |
| NIM | : Negative Index Material |
| MHz | : Megahertz |
| MNG | : Mu-Negative |
| MPA | : Microstrip Patch Antenna |
| PCB | : Printed Circuit Board |
| RP-SMA | : Reverse Polarity SubMiniature version A |
| RSRR | : Rectangular Split Ring Resonator |
| SMA | : SubMiniature version A |
| VNA | : Vector Network Analyzer |

