



On-site Electromagnetic Radiation Assessment Service

Service Scope

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| Service | <ul style="list-style-type: none"> • On-site Electromagnetic Radiation Risk Assessment • Advisory Service to reduce the level of Electromagnetic Radiation exposure |
| Standard | <ul style="list-style-type: none"> • Human Safety Requirement: ICNIRP Guideline • EMC Standard: EN50121-2, EN50500, CISPR 11, BS 6653 |
| Method | <ul style="list-style-type: none"> • Basic Measurement (Residential environments) • Professional Measurement (Complex industrial environment and various infrastructure projects) |
| Applicable Locations | <ul style="list-style-type: none"> • Commercial Building Office • Residence • Medical Centers, Hospital • Shopping Mall • Data Centers • Factory • Rail Line • Airport |



Electromagnetic Shielding Effectiveness Measurement Service

Service Scope

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| Service | <ul style="list-style-type: none"> • Electromagnetic Shielding Effectiveness Measurement |
| Aim | <ul style="list-style-type: none"> • To verify the Electromagnetic Shielding performance of shielding materials |
| Standard | <ul style="list-style-type: none"> • ASTM D4935-15 or GJB 6190-2008 |
| Frequency Range | <ul style="list-style-type: none"> • 30 MHz – 10 GHz (cover 3G, 4G, 5G, WIFI, Bluetooth and TV/Radio Broadcast) |
| Dynamic Range | <ul style="list-style-type: none"> • > 80 dB |
| Applicable Products | <ul style="list-style-type: none"> • Domestic and Industrial Application e.g. Cloth, paints, wallpapers, nets, window films, blanket, wallets, hats |
| Target Users | <ul style="list-style-type: none"> • R&D Center, Manufacturers, Construction firms |
| Test Sample | <ul style="list-style-type: none"> • Planer material \leq 2mm thickness |
| Measured Parameter | <ul style="list-style-type: none"> • Ratio (dB) or Percentage (%) |