

EMR Shielding of offices located underneath mobile phone tower.

EMR Shielding of offices located on first floor of shopping centre, underneath mobile phone tower. Project carried out by EMR Shielding Solutions using HSF-54 shielding paint.

1) Bank of mobile phone towers loom over shopping centre beaming through glass roof into first floor offices below.



2) High meter reading (3193 microwatts per metre squared) in corridor outside office to be shielded.



3) High meter reading of 2615 microwatts per metre squared inside office before shielding.



4) Inside of main office pre-shielding.



5) Main office totally shielded with HSF-54 Shielding paint.



6) Over painted office now showing very low reading after shielding of 1.37 microwatts per metre squared.



EMR Shielding of adjoining office (just off open plan office on previous page) underneath mobile phone tower. Project carried out by EMR Shielding Solutions using fabric shielding on parti-tion wall and HSF-54 shielding paint on ceiling.

7) Adjoining office with `carpet style` partitions, not suitable for shielding with paint. Readings were several thousand microwatts per metre squared. A potential problem for shielding.



8) The solution: Partition boards are framed in shielding fabric (white areas) and screwed on top of existing partition wall.



9) New fabric shielded partition wall in place with now very low readings of only 1.71 microwatts per metre squared.



10) Ceiling in same office (with new partition wall) shielded with HSF-54 paint and over painted. Now very low readings of only 1.86 microwatts per metre squared.

