

Siretta Limited

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GRAPHYTE Cellular Survey Results: DELTA 2D TEST LOCATION: 51°23'14.4"N 0°58'45.1"W

GSM (2G) Survey Results

| Cell | Index | ARFCN | dBm | % | RSSI | MCC | MNC | CellID | LAC | Band | Network Signal |
|------|-------|-------|------|-----|------|-----|-----|--------|-------|---------------|----------------|
| 1 | 1 | 104 | -47 | 100 | 31 | 234 | 10 | 12875 | 21496 | 9 (E-GSM-900) | O2 UK |
| 2 | 2 | 92 | -47 | 100 | 31 | 234 | 15 | 12466 | 706 | 9 (E-GSM-900) | Vodafone |
| 3 | 3 | 90 | -67 | 74 | 23 | 234 | 15 | 12468 | 706 | 9 (E-GSM-900) | Vodafone |
| 4 | 4 | 121 | -69 | 71 | 22 | 234 | 10 | 32875 | 21496 | 9 (E-GSM-900) | O2 UK |
| 5 | 5 | 82 | -70 | 69 | 21 | 234 | 15 | 12042 | 37 | 9 (E-GSM-900) | Vodafone |
| 6 | 6 | 657 | -71 | 68 | 21 | 234 | 30 | 33360 | 2186 | 3 (DCS-1800) | EE UK |
| 7 | 7 | 116 | -72 | 66 | 20 | 234 | 10 | 23776 | 21496 | 9 (E-GSM-900) | O2 UK |
| 8 | 8 | 98 | -73 | 65 | 20 | 234 | 15 | 12467 | 706 | 9 (E-GSM-900) | Vodafone |
| 9 | 9 | 114 | -74 | 63 | 20 | 234 | 10 | 22875 | 21496 | 9 (E-GSM-900) | O2 UK |
| 10 | 10 | 669 | -84 | 47 | 15 | 234 | 30 | 11353 | 2186 | 3 (DCS-1800) | EE UK |
| 11 | 11 | 95 | -85 | 45 | 14 | 234 | 15 | 6096 | 146 | 9 (E-GSM-900) | Vodafone |
| 12 | 12 | 111 | -88 | 40 | 12 | 234 | 10 | 18158 | 21496 | 9 (E-GSM-900) | O2 UK |
| 13 | 13 | 661 | -89 | 39 | 12 | 234 | 30 | 11357 | 2186 | 3 (DCS-1800) | EE UK |
| 14 | 14 | 87 | -90 | 37 | 11 | 234 | 15 | 17579 | 317 | 9 (E-GSM-900) | Vodafone |
| 15 | 15 | 73 | -93 | 32 | 10 | 234 | 15 | 26550 | 706 | 9 (E-GSM-900) | Vodafone |
| 16 | 16 | 648 | -94 | 31 | 10 | 234 | 30 | 33361 | 2186 | 3 (DCS-1800) | EE UK |
| 17 | 17 | 563 | -101 | 19 | 6 | 234 | 15 | 6097 | 146 | 3 (DCS-1800) | Vodafone |

GSM (2G) Summary Results

| Net Name | ID | 85% | 70% | 55% | 40% | 25% | 10% |
|----------|-------|-----|-----|-----|-----|-----|-----|
| O2 UK | 23410 | 1 | 2 | 4 | 4 | 5 | 5 |
| Vodafone | 23415 | 1 | 2 | 4 | 5 | 7 | 8 |
| EE UK | 23430 | 0 | 0 | 1 | 2 | 4 | 4 |

UMTS (3G) Survey Results

| Cell | Index | UARFCN | dBm | % | RSSI | MCC | MNC | CellID | LAC | Band | Network Signal |
|------|-------|--------|-----|----|------|-----|-----|----------|-------|---------------|----------------|
| 1 | 18 | 2963 | -39 | 84 | 76 | 234 | 10 | 30357017 | 21463 | 8 (E-GSM-900) | O2 UK |
| 2 | 19 | 2938 | -43 | 80 | 73 | 234 | 15 | 30407774 | 53 | 8 (E-GSM-900) | Vodafone |
| 3 | 20 | 10661 | -59 | 62 | 56 | 234 | 10 | 30359350 | 21463 | 1 (IMT-2100) | O2 UK |
| 4 | 21 | 10637 | -61 | 60 | 55 | 234 | 10 | 30360453 | 21463 | 1 (IMT-2100) | O2 UK |
| 5 | 22 | 10761 | -69 | 51 | 46 | 234 | 30 | 8601922 | 1077 | 1 (IMT-2100) | EE UK |
| 6 | 23 | 10564 | -70 | 50 | 46 | 234 | 20 | 8595885 | 1232 | 1 (IMT-2100) | 3 UK |
| 7 | 24 | 10588 | -73 | 47 | 43 | 234 | 20 | 8595835 | 1232 | 1 (IMT-2100) | 3 UK |
| 8 | 25 | 10612 | -74 | 46 | 42 | 234 | 20 | 8595963 | 1232 | 1 (IMT-2100) | 3 UK |
| 9 | 26 | 2987 | -81 | 38 | 35 | 234 | 15 | 30404649 | 53 | 8 (E-GSM-900) | Vodafone |
| 10 | 27 | 10687 | -94 | 23 | 21 | 234 | 15 | 46529204 | 21 | 1 (IMT-2100) | Vodafone |

UMTS (3G) Summary Results

| Net Name | ID | 85% | 70% | 55% | 40% | 25% | 10% |
|----------|-------|-----|-----|-----|-----|-----|-----|
| O2 UK | 23410 | 0 | 1 | 3 | 3 | 3 | 3 |
| Vodafone | 23415 | 0 | 1 | 1 | 1 | 2 | 3 |
| EE UK | 23430 | 0 | 0 | 0 | 1 | 1 | 1 |
| 3 UK | 23420 | 0 | 0 | 0 | 3 | 3 | 3 |

LTE (4G) Survey Results

| Cell | Index | EARFCN | dBm | % | RSSI | MCC | MNC | CellID | TAC | Band | Network Signal |
|------|-------|--------|-----|----|------|-----|-----|---------|-------|----------|----------------|
| 1 | 28 | 6400 | -48 | 69 | 52 | 234 | 15 | 566126 | 16896 | 20 (800) | Vodafone |
| 2 | 29 | 6400 | -48 | 69 | 52 | 234 | 10 | 566126 | 16896 | 20 (800) | O2 UK |
| 3 | 30 | 6300 | -49 | 68 | 52 | 234 | 15 | 566026 | 24701 | 20 (800) | Vodafone |
| 4 | 31 | 1667 | -62 | 51 | 39 | 234 | 30 | 8118784 | 10771 | 3 (1800) | EE UK |
| 5 | 32 | 1667 | -62 | 51 | 39 | 234 | 32 | 8118784 | 10771 | 3 (1800) | EE UK |
| 6 | 33 | 6175 | -70 | 40 | 30 | 234 | 20 | 1024518 | 5000 | 20 (800) | 3 UK |
| 7 | 34 | 1392 | -74 | 35 | 27 | 234 | 20 | 1024512 | 1749 | 3 (1800) | 3 UK |
| 8 | 35 | 6225 | -81 | 25 | 19 | 234 | 30 | 8118796 | 10770 | 20 (800) | EE UK |
| 9 | 36 | 6225 | -81 | 25 | 19 | 234 | 32 | 8118796 | 10770 | 20 (800) | EE UK |
| 10 | 37 | 323 | -89 | 15 | 11 | 234 | 15 | 567576 | 24701 | 1 (2100) | Vodafone |
| 11 | 38 | 323 | -89 | 15 | 11 | 234 | 15 | 531480 | 24701 | 1 (2100) | Vodafone |
| 12 | 39 | 1811 | -93 | 9 | 7 | 234 | 32 | 6810117 | 10771 | 3 (1800) | EE UK |
| 13 | 40 | 1811 | -93 | 9 | 7 | 234 | 30 | 6810117 | 10771 | 3 (1800) | EE UK |
| 14 | 41 | 1811 | -94 | 8 | 6 | 234 | 30 | 3740165 | 10771 | 3 (1800) | EE UK |
| 15 | 42 | 1811 | -94 | 8 | 6 | 234 | 32 | 3740165 | 10771 | 3 (1800) | EE UK |

LTE (4G) Summary Results

| Net Name | ID | 85% | 70% | 55% | 40% | 25% | 10% |
|----------|-------|-----|-----|-----|-----|-----|-----|
| Vodafone | 23415 | 0 | 0 | 2 | 2 | 2 | 4 |
| O2 UK | 23410 | 0 | 0 | 1 | 1 | 1 | 1 |
| EE UK | 23430 | 0 | 0 | 0 | 1 | 1 | 2 |
| EE UK | 23432 | 0 | 0 | 0 | 1 | 1 | 2 |
| 3 UK | 23420 | 0 | 0 | 0 | 0 | 2 | 2 |

Display Cellular Basestation Location Map

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| Date | Time | Filename | Survey Type | Application Version | IMEI Number | Firmware Version | Hardware Version | Survey Info |
|------------|----------|--------------|-------------|---------------------|-----------------|------------------|------------------|----------------|
| 26/02/2019 | 17:28:09 | 02261725.htm | Full | 6.8.26 | 351622073254894 | 20.00.403 | GRAPHYTE-LTE V3 | 1 (1) 0 0d0h1m |