

Siretta Limited

www.siretta.com | +44 1189 769 014

GRAPHYTE Cellular Survey Results: MIKE 16 (1m) 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	BSIC	DL (MHz)	UL (MHz)	Network Signal
1	1	104	-47	100	31	234	10	12875	21496	9 (E-GSM-900)	22	955.8	910.8	O2 UK
2	2	92	-47	100	31	234	15	12466	706	9 (E-GSM-900)	24	953.4	908.4	Vodafone
3	3	90	-66	76	24	234	15	12468	706	9 (E-GSM-900)	27	953.0	908.0	Vodafone
4	4	114	-66	76	24	234	10	22875	21496	9 (E-GSM-900)	35	957.8	912.8	O2 UK
5	5	121	-76	60	19	234	10	32875	21496	9 (E-GSM-900)	53	959.2	914.2	O2 UK
6	6	98	-83	48	15	234	15	12467	706	9 (E-GSM-900)	40	954.6	909.6	Vodafone
7	7	657	-83	48	15	234	30	33360	2186	3 (DCS-1800)	15	1834.2	1739.2	EE UK
8	8	116	-83	48	15	234	10	23776	21496	9 (E-GSM-900)	11	958.2	913.2	O2 UK
9	9	107	-90	37	11	234	10	37650	21496	9 (E-GSM-900)	28	956.4	911.4	O2 UK
10	10	96	-91	35	11	234	15	9244	706	9 (E-GSM-900)	33	954.2	909.2	Vodafone
11	11	123	-91	35	11	234	10	10843	21496	9 (E-GSM-900)	35	959.6	914.6	O2 UK
12	12	661	-93	32	10	234	30	11357	2186	3 (DCS-1800)	50	1835.0	1740.0	EE UK
13	13	99	-93	32	10	234	15	12560	37	9 (E-GSM-900)	37	954.8	909.8	Vodafone
14	14	85	-94	31	10	234	15	28567	706	9 (E-GSM-900)	11	952.0	907.0	Vodafone
15	15	95	-95	29	9	234	15	6096	146	9 (E-GSM-900)	18	954.0	909.0	Vodafone
16	16	111	-96	27	8	234	10	18158	21496	9 (E-GSM-900)	19	957.2	912.2	O2 UK
17	17	648	-102	18	6	234	30	33361	2186	3 (DCS-1800)	42	1832.4	1737.4	EE UK
18	18	73	-103	16	5	234	15	26550	706	9 (E-GSM-900)	25	949.6	904.6	Vodafone

GSM (2G) Summary Results

Net Name	ID	85%	70%	55%	40%	25%	10%
O2 UK	23410	1	2	3	4	7	7
Vodafone	23415	1	2	2	3	7	8
EE UK	23430	0	0	0	1	2	3

UMTS (3G) Survey Results

Cell	Index	UARFCN	dBm	%	RSSI	MCC	MNC	CellID	LAC	Band	SCR	RSCP	ECIO	DL (MHz)	UL (MHz)	Network Signal
1	19	2963	-44	79	72	234	10	30357017	21463	8 (E-GSM-900)	295	-48	-4.0	932.6	887.6	O2 UK
2	20	2938	-47	76	69	234	15	30407774	53	8 (E-GSM-900)	304	-52	-5.0	927.6	882.6	Vodafone
3	21	10661	-70	50	46	234	10	30359350	21463	1 (IMT-2100)	295	-73	-3.0	2132.2	1942.2	O2 UK
4	22	10637	-71	49	45	234	10	30360453	21463	1 (IMT-2100)	295	-74	-3.0	2127.4	1937.4	O2 UK
5	23	10564	-85	33	30	234	20	8595885	1232	1 (IMT-2100)	100	-90	-5.0	2112.8	1922.8	3 UK
6	24	10761	-88	30	27	234	30	8601922	1077	1 (IMT-2100)	424	-93	-5.0	2152.2	1962.2	EE UK
7	25	10588	-89	29	26	234	20	8595835	1232	1 (IMT-2100)	100	-93	-4.0	2117.6	1927.6	3 UK
8	26	2987	-89	29	26	234	15	47246722	21	8 (E-GSM-900)	198	-103	-14.0	937.4	892.4	Vodafone
9	27	10612	-92	26	24	234	20	8595963	1232	1 (IMT-2100)	100	-95	-3.0	2122.4	1932.4	3 UK

UMTS (3G) Summary Results

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

LTE (4G) Survey Results

Cell	Index	EARFCN	dBm	%	RSSI	MCC	MNC	CellID	TAC	Band	PhyCellID	RSRP	RSRQ	BW	DL (MHz)	UL (MHz)	Network Signal
1	28	6400	-48	69	52	234	15	566126	16896	20 (800)	169	-71	-6.0	10	816.0	857.0	Vodafone
2	29	6400	-48	69	52	234	10	566126	16896	20 (800)	169	-71	-6.0	10	816.0	857.0	O2 UK
3	30	6300	-49	68	52	234	15	566026	24701	20 (800)	169	-76	-10.0	10	806.0	847.0	Vodafone
4	31	6175	-67	44	33	234	20	1024518	5000	20 (800)	258	-94	-13.0	5	793.5	834.5	3 UK
5	32	6225	-72	37	28	234	30	8118796	10770	20 (800)	159	-93	-7.0	5	798.5	839.5	EE UK
6	33	6225	-72	37	28	234	32	8118796	10770	20 (800)	159	-93	-7.0	5	798.5	839.5	EE UK
7	34	1667	-79	28	21	234	30	8118784	10771	3 (1800)	107	-108	-9.0	20	1851.7	1756.7	EE UK
8	35	1667	-79	28	21	234	32	8118784	10771	3 (1800)	107	-108	-9.0	20	1851.7	1756.7	EE UK
9	36	1667	-79	28	21	234	30	8628992	10771	3 (1800)	89	-114	-15.0	20	1851.7	1756.7	EE UK
10	37	1667	-79	28	21	234	32	8628992	10771	3 (1800)	89	-114	-15.0	20	1851.7	1756.7	EE UK
11	38	1392	-89	15	11	234	20	1024512	1749	3 (1800)	99	-116	-8.0	15	1824.2	1729.2	3 UK

LTE (4G) Summary Results

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

Display Cellular Basestation Location Map

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Date	Time	Filename	Survey Type	Application Version	IMEI Number	Firmware Version	Hardware Version
21/05/2019	10:08:06	05211005.htm	Full	6.8.36	351622074008943	20.00.403	GRAPHYTE-LTE V3