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GRAPHYTE Cellular Survey Results: ECHO 30 0.1m 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	Network Signal
1	1	104	-53	97	30	234	10	12875	21496	9 (E-GSM-900)	O2 UK
2	2	92	-57	90	28	234	15	12466	706	9 (E-GSM-900)	Vodafone
3	3	657	-66	76	24	234	30	33360	2186	3 (DCS-1800)	EE UK
4	4	114	-72	66	20	234	10	22875	21496	9 (E-GSM-900)	O2 UK
5	5	90	-74	63	20	234	15	12468	706	9 (E-GSM-900)	Vodafone
6	6	121	-79	55	17	234	10	32875	21496	9 (E-GSM-900)	O2 UK
7	7	116	-80	53	16	234	10	23776	21496	9 (E-GSM-900)	O2 UK
8	8	98	-80	53	16	234	15	12467	706	9 (E-GSM-900)	Vodafone
9	9	661	-84	47	15	234	30	11357	2186	3 (DCS-1800)	EE UK
10	10	82	-85	45	14	234	15	12042	37	9 (E-GSM-900)	Vodafone
11	11	652	-85	45	14	234	30	6467	2027	3 (DCS-1800)	EE UK
12	12	111	-90	37	11	234	10	18158	21496	9 (E-GSM-900)	O2 UK
13	13	95	-92	34	11	234	15	6096	146	9 (E-GSM-900)	Vodafone
14	14	118	-92	34	11	234	10	21028	21494	9 (E-GSM-900)	O2 UK
15	15	107	-93	32	10	234	10	37650	21496	9 (E-GSM-900)	O2 UK
16	16	120	-93	32	10	234	10	30682	21496	9 (E-GSM-900)	O2 UK
17	17	563	-94	31	10	234	15	6097	146	3 (DCS-1800)	Vodafone
18	18	85	-97	26	8	234	15	28567	706	9 (E-GSM-900)	Vodafone
19	19	96	-97	26	8	234	15	9244	706	9 (E-GSM-900)	Vodafone
20	20	123	-97	26	8	234	10	10843	21496	9 (E-GSM-900)	O2 UK
21	21	108	-98	24	7	234	10	34831	21496	9 (E-GSM-900)	O2 UK
22	22	75	-105	13	4	234	15	8644	37	9 (E-GSM-900)	Vodafone
23	23	541	-105	13	4	234	15	8355	37	3 (DCS-1800)	Vodafone

GSM (2G) Summary Results

Net Name	ID	85%	70%	55%	40%	25%	10%
O2 UK	23410	1	1	2	4	9	10
Vodafone	23415	1	1	2	4	8	10
EE UK	23430	0	1	1	3	3	3

UMTS (3G) Survey Results

Cell	Index	UARFCN	dBm	%	RSSI	MCC	MNC	CellID	LAC	Band	Network Signal
1	24	2938	-40	83	76	234	15	30407774	53	8 (E-GSM-900)	Vodafone
2	25	2963	-47	76	69	234	10	30357017	21463	8 (E-GSM-900)	O2 UK
3	26	10637	-58	63	57	234	10	30360453	21463	1 (IMT-2100)	O2 UK
4	27	10661	-60	61	56	234	10	30359350	21463	1 (IMT-2100)	O2 UK
5	28	10612	-68	52	47	234	20	8595963	1232	1 (IMT-2100)	3 UK
6	29	10564	-70	50	46	234	20	8595885	1232	1 (IMT-2100)	3 UK
7	30	10588	-71	49	45	234	20	8595835	1232	1 (IMT-2100)	3 UK
8	31	10761	-72	48	44	234	30	8601922	1077	1 (IMT-2100)	EE UK
9	32	2987	-95	22	20	234	15	30404779	53	8 (E-GSM-900)	Vodafone
10	33	10687	-95	22	20	234	15	47244628	226	1 (IMT-2100)	Vodafone

UMTS (3G) Summary Results

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

LTE (4G) Survey Results

Cell	Index	EARFCN	dBm	%	RSSI	MCC	MNC	CellID	TAC	Band	Network Signal
1	34	6300	-43	76	58	234	15	566026	24701	20 (800)	Vodafone
2	35	6400	-44	75	57	234	15	566126	16896	20 (800)	Vodafone
3	36	6400	-44	75	57	234	10	566126	16896	20 (800)	O2 UK
4	37	1667	-65	47	36	234	30	8118784	10771	3 (1800)	EE UK
5	38	1667	-65	47	36	234	32	8118784	10771	3 (1800)	EE UK
6	39	1392	-66	45	34	234	20	1024512	1749	3 (1800)	3 UK
7	40	6175	-67	44	33	234	20	1024518	5000	20 (800)	3 UK
8	41	6225	-74	35	27	234	32	8118796	10770	20 (800)	EE UK
9	42	6225	-74	35	27	234	30	8118796	10770	20 (800)	EE UK
10	43	1811	-92	11	8	234	30	6810117	10771	3 (1800)	EE UK
11	44	1811	-92	11	8	234	32	6810117	10771	3 (1800)	EE UK
12	45	3350	-93	9	7	234	32	6596360	10771	7 (2600)	EE UK
13	46	3350	-93	9	7	234	30	6596360	10771	7 (2600)	EE UK
14	47	323	-93	9	7	234	15	531480	24701	1 (2100)	Vodafone
15	48	1811	-94	8	6	234	32	3740165	10771	3 (1800)	EE UK
16	49	323	-94	8	6	234	15	567576	24701	1 (2100)	Vodafone
17	50	1811	-94	8	6	234	30	3740165	10771	3 (1800)	EE UK

LTE (4G) Summary Results

Net Name	ID	85%	70%	55%	40%	25%	10%
Vodafone	23415	0	2	2	2	2	2
O2 UK	23410	0	1	1	1	1	1
EE UK	23430	0	0	0	1	2	3
EE UK	23432	0	0	0	1	2	3
3 UK	23420	0	0	0	2	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
27/02/2019	17:36:21	02271733.htm	Full	6.8.26	351622073254894	20.00.403	GRAPHYTE-LTE V3	1 (1) 0 0d0h2m