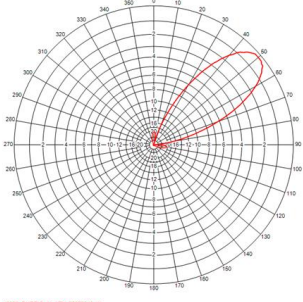


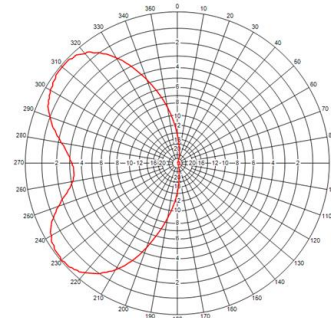
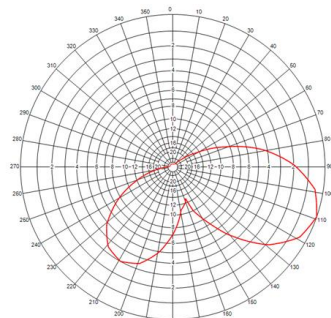
Technical Plan – Multiplex L

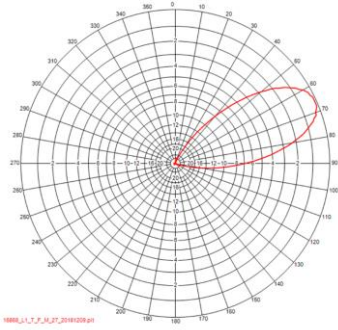
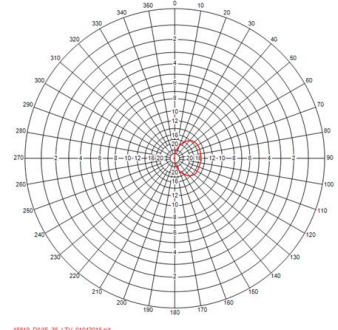
Version 16, August 2025

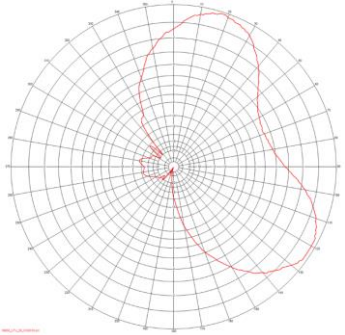
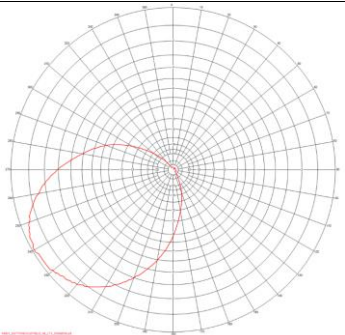
L-DTPS = local digital television programme service; agl = above ground level; HP = horizontal polarization; VP = vertical polarization.

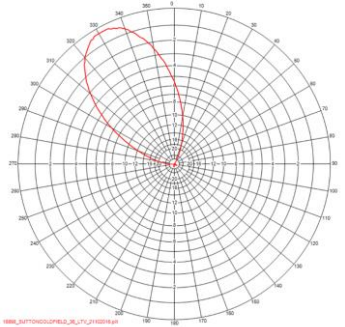
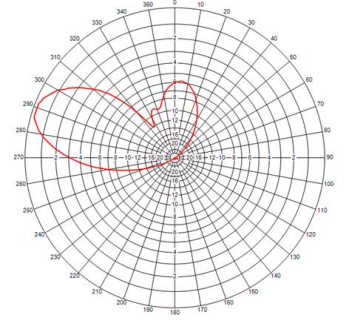
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Aberdeen	Durris	24 April 2017	NO76418994	41	634	157	H	10 kW	

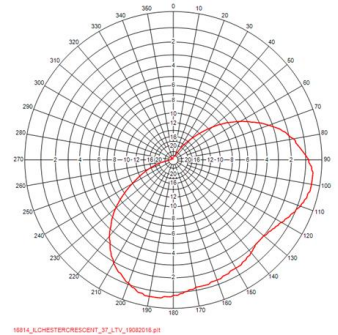
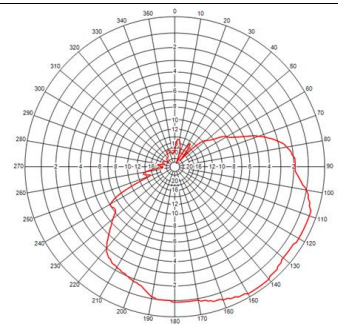
¹ As default, this date reflects the 2-year launch deadline for each respective channel, but it is subject to any postponements of launch deadlines for individual channels to which Ofcom has consented.

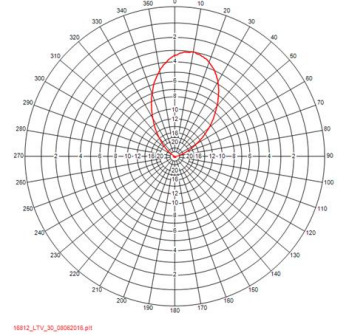
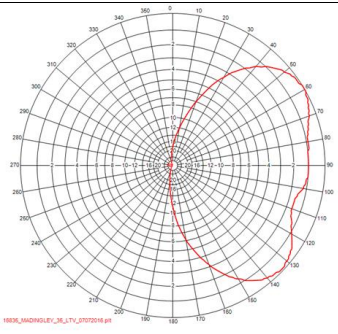
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Ayr	Darvel	24 April 2017	NS55753413	31	554	80	H	1 kW	
Basingstoke	Hannington (Basingstoke)	23-May-17	SU52745680	32	562	71	H	10 kW	

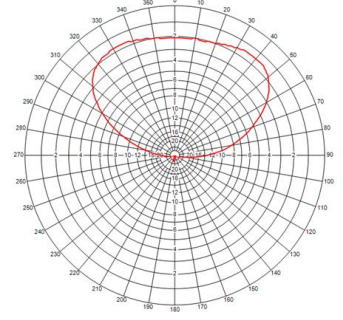
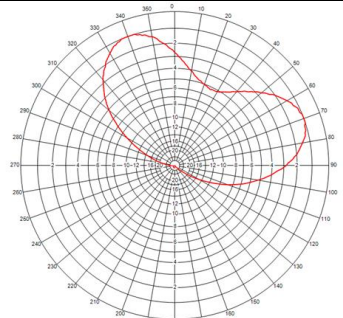
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
	Odiham	23-May-17	SU73734981	27	522	35	H	4kW	 10000_UHF_H_PT_20161020.plt
Belfast	Divis	21 July 2014	NW41193098	36	594	93	H	10 kW	 10010_DIVIS_36_LTV_01042014.plt

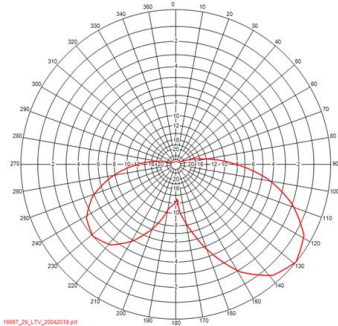
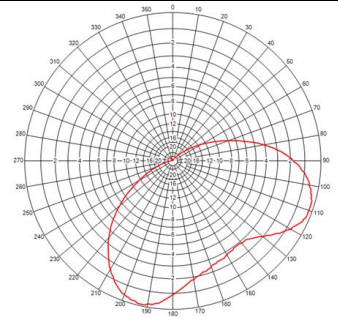
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Birmingham	Brierley Hill	28 Feb 2015	SO91608560	33	570	44	V	0.2 kW	
	Sutton Coldfield	28 Feb 2015	SK11350032	48	690	121	H	15.8	

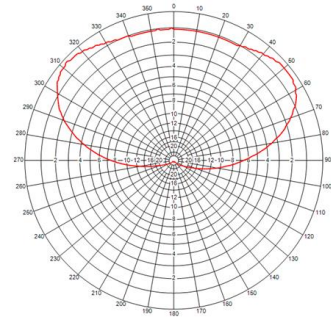
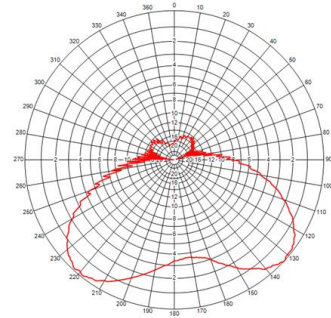
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
		28 Feb 2015	SK11350032	36	594	121	H	1 kW	 1000_SK11350032_HL_36_UHF_2700000000.pdf
Brighton	Whitehawk Hill	28 Aug 2014	TQ32960452	40	626	43	V	0.4 kW	 1000_WHITEHAWKHILL_40_UHF_2704000000.pdf

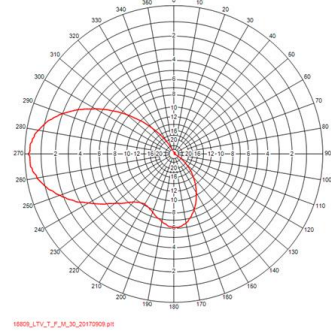
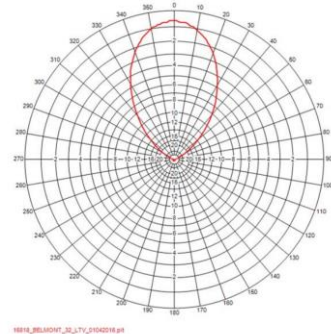
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Bristol	Bristol Ilchester Crescent	8 Oct 2014	ST57707005	37	602	33	V	0.02 kW	
	Bristol Kings' Weston	8 Oct 2014	ST54727751	31	554	40	V	0.02 kW	

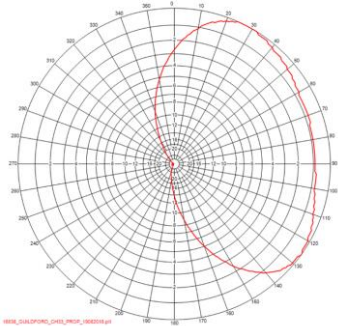
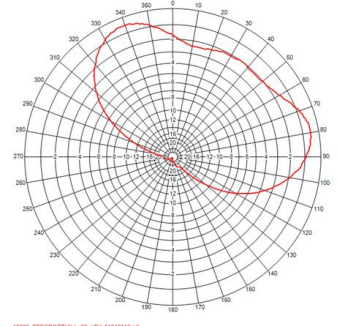
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
	Mendip	8 Oct 2014	ST56434883	30	546	144	H	5 kW	 10812_1TV_M0_08082014.plt
Cambridge	Madingley	18 Aug 2015	TL39245942	35	586	45	H	3.18 kW	 10809_1ANDM04LEV_M_1TV_07072015.plt

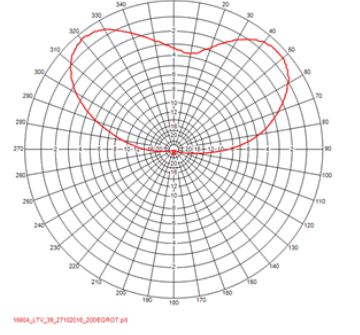
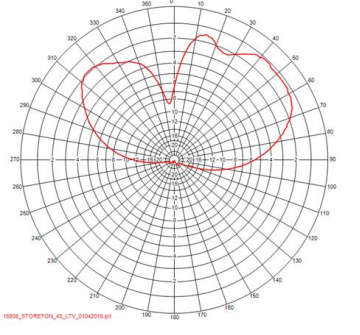
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Cardiff	Wenvoe	15 Oct 2014	ST11077416	37	602	118	H	10 kW	 10kW_WENVOE_37_LTV_2400016.grf
Carlisle	Caldbeck (North)	25-Jul-17	NY29954259	33	570	165	H	5 kW	 10kW_CALDBECK_LTV_33_0000016.grf

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
	Caldbeck (South)	25-Jul-2017	NY29954259	29	538	165	H	4kW	
Dundee	Angus	24 Apr 2017	NO39484078	34	578	117	V	1 kW	

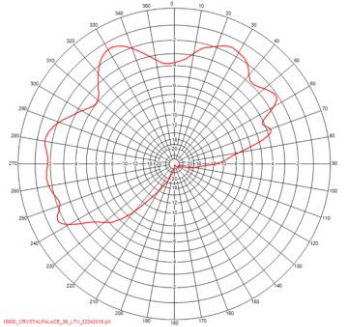
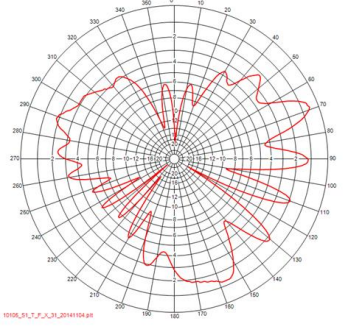
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
	Tay Bridge	8 March 2017	NO43072843	32	562	43	V	0.01 kW	 14302_TAYBRIDGE_32_TV_20170118.pdf
Edinburgh	Craigkelly	12 Jan 2015	NT23338724	32	562	65	H	5 kW	 14306_TV_16_T_F_M_30_20160420.pdf

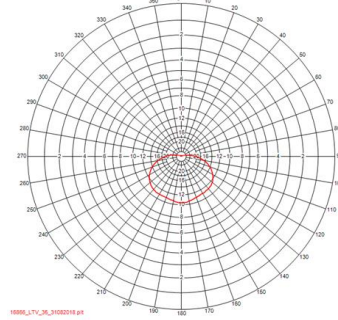
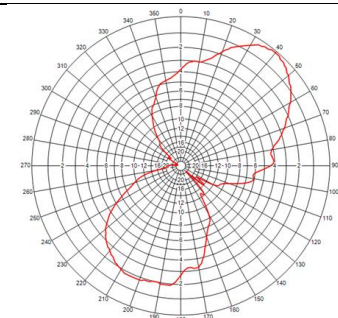
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Glasgow	Black Hill (Glasgow Petal)	2 Jun 2014	NS83116456	30	546	151	H	10 kW	
Grimsby	Belmont	26-Nov-2013	TF21828365	32	562	222	H	10 kW	

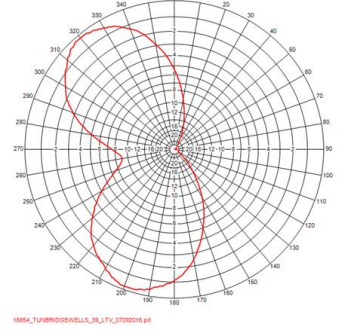
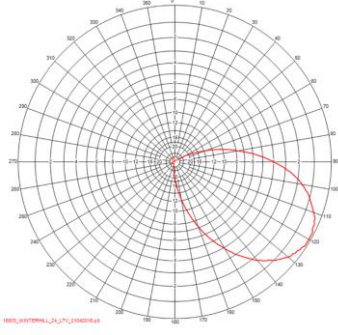
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Guildford	Guildford	31 Jul 2017	SU97474861	33	570	35	V	0.5 kW	 A polar plot showing the radiation pattern for the Guildford transmitter. The plot is a circular grid with concentric circles representing signal strength and radial lines representing angles from 0 to 360 degrees. A red line traces the pattern, showing a main lobe pointing towards the 090-degree mark (East) and a smaller lobe towards the 270-degree mark (West). The pattern is vertically oriented, consistent with vertical polarization.
Leeds	Beecroft Hill	6 Nov 2014	SE23723509	39	618	33	V	0.02 kW	 A polar plot showing the radiation pattern for the Leeds transmitter. The plot is a circular grid with concentric circles representing signal strength and radial lines representing angles from 0 to 360 degrees. A red line traces the pattern, showing a main lobe pointing towards the 090-degree mark (East) and a smaller lobe towards the 270-degree mark (West). The pattern is vertically oriented, consistent with vertical polarization.

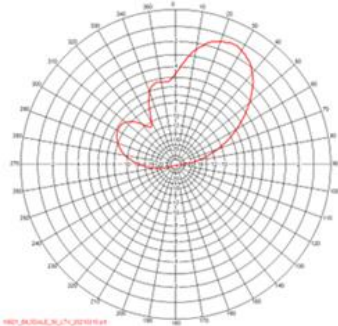
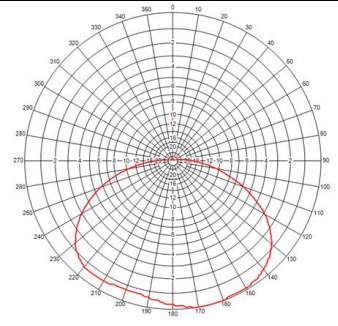
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
	Emley Moor	6 Nov 2014	SE22291288	39	618	258	H	5 kW	 18064_L3_TV_M_27102014_20060707.plt
Liverpool	Storeton	04-Dec-2014	SJ31448416	43	650	43	V	0.06 kW	 18066_STORETON_L3_TV_01042016.plt

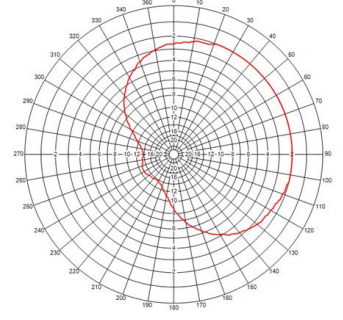
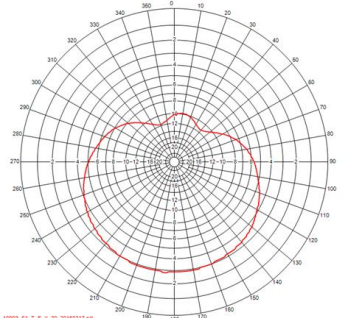
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
	Winter Hill (Liverpool)	4 Dec 2014	SD66051446	21	474	145	H	3 kW	
London	Croydon	31 Mar 2014	TQ33206960	35	586	105	H	4 kW	

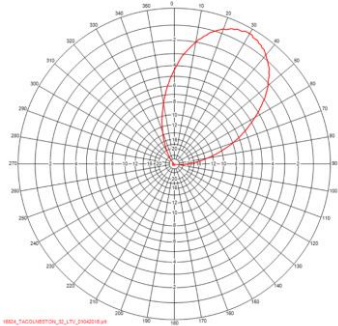
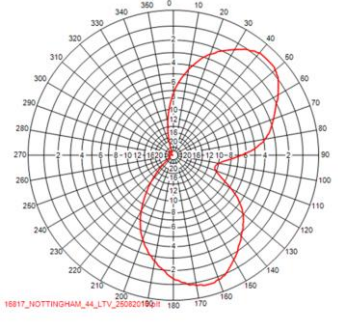
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
	Crystal Palace	31 Mar 2014	TQ33947122	35	586	115	H	34 kW	
	Hemel Hempstead	31-Mar-2014	TL08790449	34	578	72	V	0.2 kW	

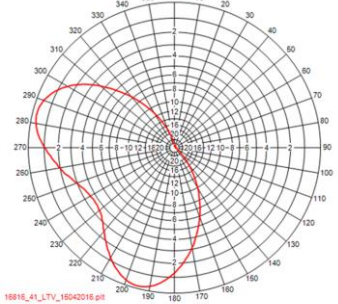
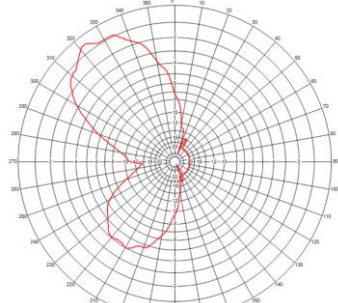
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
	Reigate	31-Mar-2014	TQ25645213	35	586	50	V	0.1 kW	
Maidstone	Bluebell Hill	10 July 2017	TQ75736134	21	474	44	H	1 kW	

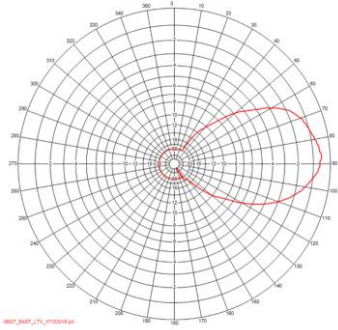
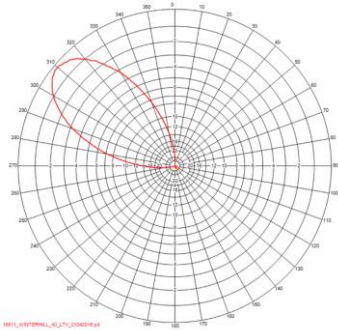
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
	Tunbridge Wells	10 July 2017	TQ60734399	39	618	45	V	0.4 kW	 10064_TUNBRIDGEWELLS_M_LTY_0700018.69
Manchester	Winter Hill (Manchester)	31 May 2015	SD66051446	24	498	145	H	2 kW	 10065_WINTERHILL_M_LTY_0300018.69

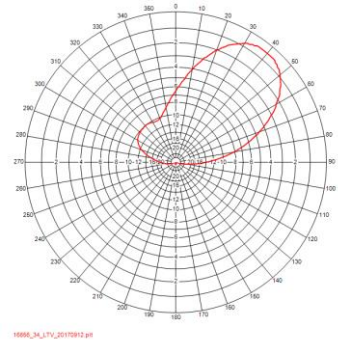
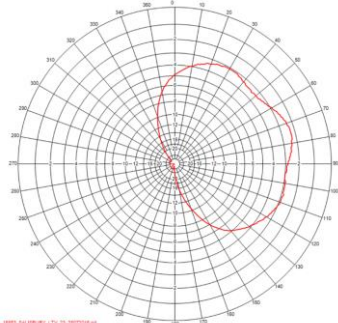
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Middlesbrough	Bilsdale	31 March 2017	SE55319622	30	546	209	H	7.4 kW	
Mold	Moel Y Parc	26 April 2017	SJ12337013	27	522	118	H	2.5 kW	

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Newcastle	Pontop Pike	12 Nov 2015	NZ14785270	33	570	68	H	5 kW	 1000L_NL_H032016.plt
	Fenham	12-Nov-15	NZ21676487	36	594	51	V	0.01 kW	 1000L_NL_V_03_20160217.plt

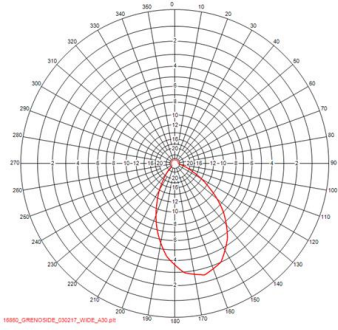
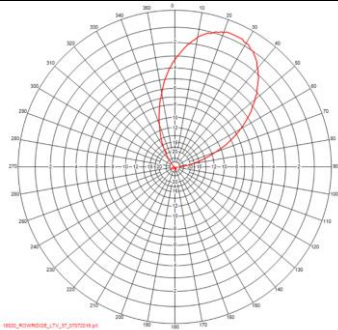
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Norwich	Tacolneston	24 Mar 2014	TM13059572	32	562	104	H	10 kW	 18811_NORWICH_TACOLNESTON_32_UHF_562MHz_H
Nottingham	Nottingham	27 May 2014	SK50354354	44	658	40	V	0.1kW	 18811_NOTTINGHAM_44_UHF_658MHz_V

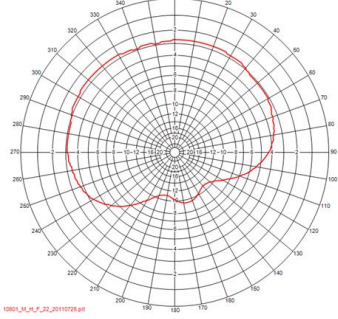
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
	Waltham	27 May 2014	SK80942333	41	634	143	H	2kW	 16816_41_LTV_16042016.pdf
Oxford	Oxford	17 Apr 2015	SP56711054	22	482	70	H	10 kW	 16817_22_HTV_16042015.pdf

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
		17 Apr 2015	SP56711054	46	674	70	H	10 kW	
Preston	Winter Hill (Preston)	24 Aug 2017	SD66051446	40	626	145	H	4 kW	

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Reading	Hannington (Reading)	10 May 2017	SU52745680	34	578	71	H	20 kW	 10006_HA_TV_20170512.pdf
Salisbury	Salisbury	31 July 2017	SU13642852	23	490	45	V	0.2 kW	 10006_SALISBURY_TV_20170731.pdf

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Scarborough	Olivers Mount	31 July 2017	TA04018691	39	618	33	V	0.6 kW	
Sheffield	Sheffield	23 Sept 2014	SK32448706	35	586	43	V	0.4 kW	

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
	Grenoside	23-Sep-14	SK33189333	31	554	23	H	1 kW	
Southampton	Rowridge	26 Nov 2014	SZ44728654	37	602	83	H	10 kW	

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
Location served by L-DTPS	Transmitter station and relay/s	Channel operational start date ¹	Grid reference	UHF chnl	Centre frequency MHz	Aerial height (metres above ground level)	Polarisation (Horizontal or vertical)	Power (kW)	Radiated pattern
Swansea	Kilvey Hill	12 Jul 2016	SS67189401	34	578	45	V	0.2 kW	
York	Bilborough	26 June 2017	SE54254721	42	642	27	H	8 kW	