

Digital Television Transmission Network

Main Stations

Site	County	MUX 1 CH.	Polarity	MAX ERP kW
CAIRN HILL	Longford	47	H	160
CLERMONT CARN	Louth	53*	V	160 [†]
DUNGARVAN	Waterford	55	H	10
HOLYWELL HILL	Donegal	30	H	20 [†]
KIPPURE	Wicklow	54	H	63
MAGHERA	Clare	48	H	160
MOUNT LEINSTER	Wexford	45*	H	160
MULLAGHANISH	Kerry	21	H	200
SPUR HILL	Cork	45	H	50
THREE ROCK	Dublin	54	H	63
TRUSKMORE	Sligo	53	H	160 [†]
WOODCOCK HILL	Clare	47	H	10

Relay Stations

Site	County	MUX 1 CH.	Polarity	MAX ERP kW
Achill	Mayo	47	V	2
Aranmore	Donegal	47	V	4
Arklow	Wicklow	21	V	0.25
Ballybofey	Donegal	47	V	0.1
Bantry	Cork	52	V & H	2
Cahir	Tipperary	28	V	0.06
Casla	Galway	45	V	2.5
Castlebar	Mayo	22	H	2

* Channel will change at Analogue Switch-Off (24th October 2012)

[†] Currently on restricted power - maximum ERP becomes effective at Analogue Switch-Off







Site	County	MUX CH.	Polarity	MAX ERP kW
Castletownbere	Cork	55	V	4
Clifden	Galway	26	V	5
Clonakilty	Cork	48	H	0.05
Clonmel	Tipperary	55	H	0.5
Cnoc an Óir	Kerry	47	V	1.5
Collins Barracks	Cork	50	V	0.08
Crosshaven	Cork	46	V	0.5
Dooncarton	Mayo	27	V & H	0.5
Fanad	Donegal	55	V	1.5
Fermoy	Cork	52	V	0.05
Ferrypoint	Waterford	47	V	0.05
Forth Mountain	Wexford	52	V	0.5
Gallows Hill	Waterford	22	V	0.25
Glanmire	Cork	47	H	0.2
Glencolumcille	Donegal	45	H	0.2
Gorey	Wexford	55	H	0.01
Greystones	Wicklow	52	V	0.5
Kilduff	Tipperary	52	H	25
Kilkeaveragh	Kerry	47	V	8
Kinsale	Cork	30	V	0.03
Knockmoyle	Kerry	52	V	1
Laragh	Wicklow	47	H	0.025
Letterkenny	Donegal	53	V	2
Maamclassach	Kerry	46	V	0.2
Magheraroarty	Donegal	22	V	0.5
Malin	Donegal	28	H	2
Mitchelstown	Cork	40	V	0.5
Monaghan	Monaghan	55	H	2
Moville	Donegal	45	H	2[†]
Suir Valley	Kilkenny	52	V	2
Tonabrocky	Galway	26	V	0.25

[†]Currently on restricted power - maximum ERP becomes effective at Analogue Switch-Off

DTT Channels / Frequencies:

CH.	MHz	CH.	MHz	CH.	MHz
21	474	35	586	49	698
22	482	36	594	50	706
23	490	37	602	51	714
24	498	38	610	52	722
25	506	39	618	53	730
26	514	40	626	54	738
27	522	41	634	55	746
28	530	42	642	56	754
29	538	43	650	57	762
30	546	44	658	58	770
31	554	45	666	59	778
32	562	46	674	60	786
33	570	47	682		
34	578	48	690		

UHF Receiving Aerial Groups:

<u>Group</u>	<u>Channels</u>	<u>Bandwidth</u>	<u>Colour Code</u>
A	21 – 37	470 – 606 MHz	 Red
B	35 – 53	582 – 734 MHz	 Yellow
C/D	48 – 68	686 – 860 MHz	 Green
W	21 – 68	470 – 860 MHz	 Black
K	21 – 48	470 – 694 MHz	 Silver
E	35 – 68	582 – 860 MHz	 Brown

Notes:

- **Clermont Carn** – Ch.53 will change to Ch.52 at Analogue Switch-Off (ASO)
 - **Mt. Leinster** - Ch.45 will change to Ch.23 at Analogue Switch-Off (ASO)
- See: <http://www.rtenl.ie/wp-content/uploads/2011/11/SAORVIEW-at-ASO-Rev-1.1.pdf>
- **Wideband Aerials** may be used effectively in most situations; however, their out-of-band rejection of unwanted signals may not be sufficient in certain circumstances, especially in fringe reception areas. In such instances, and where more gain is required, then the appropriate **Group** aerial should be used

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