



## Digital Television Transmission Network

### Main Stations

Site	County	MUX 1 CH.	MUX 2 CH.	Aerial Polarity	MAX ERP kW
CAIRN HILL	Longford	47	44	H	160
CLERMONT CARN	Louth	52	56	V	160
DUNGARVAN	Waterford	55	59	H	10
HOLYWELL HILL	Donegal	30	33	H	20
KIPPURE	Wicklow	54	58	H	63
MAGHERA	Clare	48	55	H	160
MOUNT LEINSTER	Wexford	23	26	H	160
MULLAGHANISH	Kerry	21	24	H	200
SPUR HILL	Cork	45	49	H	50
THREE ROCK	Dublin	30	33	H	63
TRUSKMORE	Sligo	53	57	H	160
WOODCOCK HILL	Clare	47	44	H	10

## Relay Stations

Site	County	MUX 1 CH.	MUX 2 CH.	Aerial Polarity	MAX ERP kW
Achill	Mayo	47	44	V	2
Aranmore	Donegal	47	44	V	4
Arklow	Wicklow	21	24	V	0.25
Ballina	Tipperary	58	50	V	0.1
Ballybofey	Donegal	47	44	V	0.1
Bandon	Cork	47	44	H	0.04
Bantry	Cork	52	56	V & H	2
Cahir	Tipperary	28	25	V	0.06
Casla	Galway	45	41	V	2.5
Castlebar	Mayo	22	25	H	2
Castletownbere	Cork	55	59	V	4
Clifden	Galway	26	23	V	5
Clonakilty	Cork	48	52	H	0.05
Clonmany	Donegal	53	49	V	0.02
Clonmel	Tipperary	55	59	H	0.5
Cnoc an Óir	Kerry	47	44	V	1.5
Collins Barracks	Cork	50	40	V	0.08
Crosshaven	Cork	46	56	V	0.5
Dingle	Kerry	30	26	V	0.5
Dooncarton	Mayo	27	32	V & H	0.5
Drimoleague	Cork	42	39	V	0.05
Ennistimon	Clare	52	56	H	0.02
Fanad	Donegal	55	59	V	1.5
Fermoy	Cork	52	56	V	0.05
Ferrypoint	Waterford	47	52	V	0.05
Forth Mountain	Wexford	52	56	V	0.5
Gallows Hill	Waterford	22	25	V	0.25
Glanmire	Cork	47	52	H	0.2
Glencolumcille	Donegal	45	36	H	0.2








## Relay Stations

<b>Site</b>	<b>County</b>	<b>MUX 1 CH.</b>	<b>MUX 2 CH.</b>	<b>Aerial Polarity</b>	<b>MAX ERP kW</b>
<b>Glenties</b>	Donegal	<b>46</b>	<b>50</b>	<b>H</b>	<b>0.1</b>
<b>Gorey</b>	Wexford	<b>55</b>	<b>59</b>	<b>H</b>	<b>0.01</b>
<b>Greenore</b>	Louth	<b>43</b>	<b>40</b>	<b>V</b>	<b>0.2</b>
<b>Greystones</b>	Wicklow	<b>52</b>	<b>56</b>	<b>V</b>	<b>0.5</b>
<b>Kilduff</b>	Tipperary	<b>52</b>	<b>56</b>	<b>H</b>	<b>25</b>
<b>Kilkeaveragh</b>	Kerry	<b>47</b>	<b>44</b>	<b>V</b>	<b>8</b>
<b>Kilmacthomas</b>	Waterford	<b>46</b>	<b>49</b>	<b>V</b>	<b>0.01</b>
<b>Kinsale</b>	Cork	<b>30</b>	<b>26</b>	<b>V</b>	<b>0.03</b>
<b>Knockmoyle</b>	Kerry	<b>52</b>	<b>56</b>	<b>V</b>	<b>1</b>
<b>Laragh</b>	Wicklow	<b>47</b>	<b>49</b>	<b>H</b>	<b>0.025</b>
<b>Leap</b>	Cork	<b>46</b>	<b>48</b>	<b>H</b>	<b>0.02</b>
<b>Letterkenny</b>	Donegal	<b>53</b>	<b>57</b>	<b>V</b>	<b>2</b>
<b>Maamclassach</b>	Kerry	<b>46</b>	<b>51</b>	<b>V</b>	<b>0.2</b>
<b>Magheraroarty</b>	Donegal	<b>22</b>	<b>27</b>	<b>V</b>	<b>0.5</b>
<b>Malin</b>	Donegal	<b>28</b>	<b>26</b>	<b>H</b>	<b>2</b>
<b>Mitchelstown</b>	Cork	<b>40</b>	<b>43</b>	<b>V</b>	<b>0.5</b>
<b>Monaghan</b>	Monaghan	<b>55</b>	<b>59</b>	<b>H</b>	<b>2</b>
<b>Moville</b>	Donegal	<b>45</b>	<b>42</b>	<b>H</b>	<b>2</b>
<b>Mt. Gabriel</b>	Cork	<b>37</b>	<b>31</b>	<b>V &amp; H</b>	<b>0.5</b>
<b>Rosscarbery</b>	Cork	<b>53</b>	<b>57</b>	<b>H</b>	<b>0.05</b>
<b>Suir Valley</b>	Kilkenny	<b>52</b>	<b>56</b>	<b>V</b>	<b>2</b>
<b>Timoleague</b>	Cork	<b>26</b>	<b>29</b>	<b>V</b>	<b>0.01</b>
<b>Tonabrocky</b>	Galway	<b>26</b>	<b>23</b>	<b>V</b>	<b>0.25</b>

## DTT Channels / Frequencies:

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

## UHF Receiving Aerial Groups:

<u>Group</u>	<u>Channels</u>	<u>Bandwidth</u>	<u>Colour Code</u>
<b>A</b>	21 – 37	470 – 606 MHz	 Red
<b>B</b>	35 – 53	582 – 734 MHz	 Yellow
<b>C/D</b>	48 – 68	686 – 860 MHz	 Green
<b>K</b>	21 – 48	470 – 694 MHz	 Silver
<b>T</b>	21 – 60	470 – 790 MHz	 White
<b>W</b>	21 – 68	470 – 860 MHz	 Black
<b>E</b>	35 – 68	582 – 860 MHz	 Brown

**Note:**

- Although **Wideband Aerials** can be used effectively in many situations, their poor out-of-band rejection of unwanted signals may require additional filtering, especially in fringe reception areas, or where mast-head / distribution amplification is employed.



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