

Agreement between the administrations of France and The Netherlands concerning broadcasting in band III (VHF, 174 MHz – 230 MHz).

In this agreement, the use of broadcasting (DVB-T and T-DAB) in band III in France and The Netherlands, based on the outcome of the RRC06, is arranged for the cases listed below only. For the plan entries of both countries not covered in this document, the general rules of GE06 will be applied. This agreement shall not prevent the administrations mutually agreeing other coordination proposals outside these terms.

In this document, when referred to the standard propagation model, the propagation model according to Annex 4 Section 2 paragraph 3.1 of GE06 is used for 50% locations, 1% time on 10 meters receiving height, without the use of terrain information.

The administrations of France and The Netherlands agree on the following general rules for the maximum allowed interfering field strength. These rules are only applicable when referenced to in this document.

Interferer	Victim	FieldStrength ¹	Remarks
T-DAB	T-DAB	38 dB μ V/m	
T-DAB	DVB-T	35 dB μ V/m	In 1.75 MHz bandwidth
DVB-T	T-DAB	44 dB μ V/m	In 7 MHz bandwidth
DVB-T	DVB-T	41 dB μ V/m	

¹: This is the maximum allowed interference, caused by the real network implementation (assignments) of the interfering allotment, on the border of the victim allotment.

For specific sharing situations, other values may be agreed. In the following tables, an indication on channel by channel bases is given whether the general rules can be applied or whether other specific values are agreed.

Channel 7

France	The Netherlands	Remarks
T-DAB on 7A	DVB-T on 7	General rule applicable
T-DAB on 7B	DVB-T on 7	General rule applicable
T-DAB on 7C	DVB-T on 7	Maximum interfering field strength: 36 dB μ V/m ¹ General rule applicable ²
T-DAB on 7D	DVB-T on 7	Maximum interfering field strength: 36 dB μ V/m ¹ General rule applicable ²

¹: This is the maximum allowed interfering field strength, caused by the real network implementation (assignments) of the T-DAB network in France, on the border of the DVB-T victim allotment in The Netherlands.

²: For the interference from DVB-T in The Netherlands towards T-DAB in France.

Channel 8

Both administrations agree on the maximum interfering field strength as generated by the assumed networks as given in annex 1.

Channel 9

France	The Netherlands	Remarks
DVB-T on 9	DVB-T on 9	General rule applicable

Channel 11

France	The Netherlands	Remarks
T-DAB on 11C	T-DAB on 11C	F→HOL: General rule applicable ³ F→HOL: Maximum interfering field strength: 41 dB μ V/m ⁴ HOL→F: Maximum interfering field strength: 41 dB μ V/m ⁵

³: This is the maximum allowed interference, caused by the real network implementation (assignments) of the interfering allotment in France, on the border of the victim allotment in The Netherlands, East of the test point 004E25 54/51N21 52 on the border of The Netherlands.

⁴: This is the maximum allowed interference, caused by the real network implementation (assignments) of the interfering allotment in France, on the border of the victim allotment in The Netherlands, West of the test point 004E25 54/51N21 52 on the border of The Netherlands.

⁵: This is the maximum allowed interference, caused by the real network implementation (assignments) of the interfering allotment in The Netherlands, on the border of the victim allotment in France.

Channel 12

France	The Netherlands	Remarks
T-DAB on 12C	T-DAB on 12C	The real implementation of the network on 12C in The Netherlands will not exceed the cumulative interference caused by the following GE06 assignments: ZWE2101, WIR2101, VEO2101, TEL2101, TEG2101, SME2101, SCG2101, RUO2101, ROM2101, ROL2101, ROD2101, MIO2101, MAT2101, LOD2101, IRM2101, HOD2101, HEO2101, HAM2101, GEP2101, EYS2101, EMN2101, HAG2101, ARN2101, APN2101, AMD2101, LED2101, GOS2101, PHE2101, LOK2101

Geneva, 15th of June 2006

On Behalf of the Administration of
The Netherlands



A. van Dijk

France



F. RANU

Annex 1: details of the usage of channel 8 in France and The Netherlands.

Assumed network on HOL0903A

ALKMAAR 198.500 (8)					DVB-T					
Name	:	ALKMAAR	Country	:	HOL					
Longitude	:	004E45 29.000	Province	:						
Latitude	:	52N37 09.000	Height ASL / m	:	-3.0					
Site Name	:		Ant. Hght / m	:	100.0					
Frequency / MHz	:	198.500	ERP dBW	:	37.00					
Channel	:	8	ERPmax V/dBW	:	37.00					
Offset	:		Heff Max/m	:	101.0					
Offset Type	:		AZM	:	ND					
SPN ID	:		Polarisation	:	V					
System	:			:						
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF	
0.0	37.0	0.0	37.0	100.0	180.0	37.0	0.0	37.0	101.0	
10.0	37.0	0.0	37.0	100.0	190.0	37.0	0.0	37.0	100.0	
20.0	37.0	0.0	37.0	100.0	200.0	37.0	0.0	37.0	99.0	
30.0	37.0	0.0	37.0	100.0	210.0	37.0	0.0	37.0	99.0	
40.0	37.0	0.0	37.0	100.0	220.0	37.0	0.0	37.0	98.0	
50.0	37.0	0.0	37.0	100.0	230.0	37.0	0.0	37.0	97.0	
60.0	37.0	0.0	37.0	101.0	240.0	37.0	0.0	37.0	96.0	
70.0	37.0	0.0	37.0	101.0	250.0	37.0	0.0	37.0	96.0	
80.0	37.0	0.0	37.0	101.0	260.0	37.0	0.0	37.0	95.0	
90.0	37.0	0.0	37.0	101.0	270.0	37.0	0.0	37.0	95.0	
100.0	37.0	0.0	37.0	101.0	280.0	37.0	0.0	37.0	95.0	
110.0	37.0	0.0	37.0	101.0	290.0	37.0	0.0	37.0	95.0	
120.0	37.0	0.0	37.0	101.0	300.0	37.0	0.0	37.0	95.0	
130.0	37.0	0.0	37.0	101.0	310.0	37.0	0.0	37.0	96.0	
140.0	37.0	0.0	37.0	101.0	320.0	37.0	0.0	37.0	94.0	
150.0	37.0	0.0	37.0	101.0	330.0	37.0	0.0	37.0	98.0	
160.0	37.0	0.0	37.0	100.0	340.0	37.0	0.0	37.0	100.0	
170.0	37.0	0.0	37.0	101.0	350.0	37.0	0.0	37.0	100.0	

ALMERE 198.500 (8)					DVB-T					
Name	:	ALMERE	Country	:	HOL					
Longitude	:	005E14 08.000	Province	:						
Latitude	:	52N21 05.000	Height ASL / m	:	-4.0					
Site Name	:		Ant. Hght / m	:	126.0					
Frequency / MHz	:	198.500	ERP dBW	:	40.00					
Channel	:	8	ERPmax V/dBW	:	40.00					
Offset	:		Heff Max/m	:	126.0					
Offset Type	:		AZM	:	ND					
SPN ID	:		Polarisation	:	V					
System	:			:						
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF	
0.0	40.0	0.0	40.0	124.0	180.0	40.0	0.0	40.0	116.0	
10.0	40.0	0.0	40.0	124.0	190.0	40.0	0.0	40.0	110.0	
20.0	40.0	0.0	40.0	125.0	200.0	40.0	0.0	40.0	115.0	
30.0	40.0	0.0	40.0	126.0	210.0	40.0	0.0	40.0	120.0	
40.0	40.0	0.0	40.0	126.0	220.0	40.0	0.0	40.0	122.0	
50.0	40.0	0.0	40.0	126.0	230.0	40.0	0.0	40.0	123.0	
60.0	40.0	0.0	40.0	126.0	240.0	40.0	0.0	40.0	123.0	
70.0	40.0	0.0	40.0	126.0	250.0	40.0	0.0	40.0	124.0	
80.0	40.0	0.0	40.0	126.0	260.0	40.0	0.0	40.0	124.0	
90.0	40.0	0.0	40.0	126.0	270.0	40.0	0.0	40.0	123.0	
100.0	40.0	0.0	40.0	126.0	280.0	40.0	0.0	40.0	123.0	
110.0	40.0	0.0	40.0	126.0	290.0	40.0	0.0	40.0	124.0	
120.0	40.0	0.0	40.0	126.0	300.0	40.0	0.0	40.0	124.0	
130.0	40.0	0.0	40.0	126.0	310.0	40.0	0.0	40.0	124.0	
140.0	40.0	0.0	40.0	122.0	320.0	40.0	0.0	40.0	124.0	
150.0	40.0	0.0	40.0	122.0	330.0	40.0	0.0	40.0	124.0	
160.0	40.0	0.0	40.0	122.0	340.0	40.0	0.0	40.0	124.0	
170.0	40.0	0.0	40.0	120.0	350.0	40.0	0.0	40.0	124.0	

AMERSFOORT 198.500 (8) DVB-T									
Name	: AMERSFOORT				Country	: HOL			
Longitude	: 005E22 00.000				Province	:			
Latitude	: 52N08 39.000				Height ASL / m	: 0.0			
Site Name	:				Ant. Hght / m	: 67.0			
Frequency / MHz	: 198.500				ERP dBW	: 33.00			
Channel	: 8				ERPmax V/dBW	: 33.00			
Offset	:				Heff Max/m	: 67.0			
Offset Type	:				AZM	: ND			
SFN ID	:				Polarisation	: V			
System	:								
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF
0.0	33.0	0.0	33.0	66.0	180.0	33.0	0.0	33.0	53.0
10.0	33.0	0.0	33.0	67.0	190.0	33.0	0.0	33.0	44.0
20.0	33.0	0.0	33.0	67.0	200.0	33.0	0.0	33.0	48.0
30.0	33.0	0.0	33.0	66.0	210.0	33.0	0.0	33.0	52.0
40.0	33.0	0.0	33.0	65.0	220.0	33.0	0.0	33.0	54.0
50.0	33.0	0.0	33.0	63.0	230.0	33.0	0.0	33.0	56.0
60.0	33.0	0.0	33.0	62.0	240.0	33.0	0.0	33.0	57.0
70.0	33.0	0.0	33.0	62.0	250.0	33.0	0.0	33.0	56.0
80.0	33.0	0.0	33.0	62.0	260.0	33.0	0.0	33.0	56.0
90.0	33.0	0.0	33.0	62.0	270.0	33.0	0.0	33.0	61.0
100.0	33.0	0.0	33.0	62.0	280.0	33.0	0.0	33.0	62.0
110.0	33.0	0.0	33.0	62.0	290.0	33.0	0.0	33.0	62.0
120.0	33.0	0.0	33.0	62.0	300.0	33.0	0.0	33.0	62.0
130.0	33.0	0.0	33.0	62.0	310.0	33.0	0.0	33.0	61.0
140.0	33.0	0.0	33.0	63.0	320.0	33.0	0.0	33.0	63.0
150.0	33.0	0.0	33.0	60.0	330.0	33.0	0.0	33.0	66.0
160.0	33.0	0.0	33.0	60.0	340.0	33.0	0.0	33.0	67.0
170.0	33.0	0.0	33.0	56.0	350.0	33.0	0.0	33.0	66.0

AMSTERDAM ND 198.500 (8) DVB-T									
Name	: AMSTERDAM ND				Country	: HOL			
Longitude	: 004E55 35.000				Province	:			
Latitude	: 52N23 06.000				Height ASL / m	: -2.0			
Site Name	:				Ant. Hght / m	: 125.0			
Frequency / MHz	: 198.500				ERP dBW	: 37.00			
Channel	: 8				ERPmax V/dBW	: 37.00			
Offset	:				Heff Max/m	: 128.0			
Offset Type	:				AZM	: ND			
SFN ID	:				Polarisation	: V			
System	:								
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF
0.0	37.0	0.0	37.0	126.0	180.0	37.0	0.0	37.0	127.0
10.0	37.0	0.0	37.0	125.0	190.0	37.0	0.0	37.0	126.0
20.0	37.0	0.0	37.0	127.0	200.0	37.0	0.0	37.0	128.0
30.0	37.0	0.0	37.0	126.0	210.0	37.0	0.0	37.0	127.0
40.0	37.0	0.0	37.0	125.0	220.0	37.0	0.0	37.0	126.0
50.0	37.0	0.0	37.0	125.0	230.0	37.0	0.0	37.0	127.0
60.0	37.0	0.0	37.0	124.0	240.0	37.0	0.0	37.0	127.0
70.0	37.0	0.0	37.0	124.0	250.0	37.0	0.0	37.0	127.0
80.0	37.0	0.0	37.0	124.0	260.0	37.0	0.0	37.0	126.0
90.0	37.0	0.0	37.0	124.0	270.0	37.0	0.0	37.0	126.0
100.0	37.0	0.0	37.0	123.0	280.0	37.0	0.0	37.0	125.0
110.0	37.0	0.0	37.0	123.0	290.0	37.0	0.0	37.0	125.0
120.0	37.0	0.0	37.0	124.0	300.0	37.0	0.0	37.0	125.0
130.0	37.0	0.0	37.0	125.0	310.0	37.0	0.0	37.0	126.0
140.0	37.0	0.0	37.0	125.0	320.0	37.0	0.0	37.0	126.0
150.0	37.0	0.0	37.0	125.0	330.0	37.0	0.0	37.0	126.0
160.0	37.0	0.0	37.0	126.0	340.0	37.0	0.0	37.0	126.0
170.0	37.0	0.0	37.0	127.0	350.0	37.0	0.0	37.0	126.0

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DEN HAAG      198.500      (8)                                     DVB-T
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Name           : DEN HAAG                Country           :      HOL
Longitude      : 004E20 09.000           Province         :
Latitude       : 52N04 50.000           Height ASL / m   :      0.0
Site Name      :                          Ant. Hght / m    :     125.0

Frequency / MHz : 198.500                ERP dBW          :     37.00
Channel        : 8
Offset         :                          ERPmax V/dBW     :     37.00
Offset Type    :                          Heff Max/m      :     130.0
SFN ID         :                          AZM             :      D
System         :                          Polarisation    :      V

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Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF
0.0	37.0	0.0	37.0	123.0	180.0	37.0	0.0	37.0	127.0
10.0	37.0	0.0	37.0	119.0	190.0	37.0	0.0	37.0	127.0
20.0	37.0	0.0	37.0	114.0	200.0	37.0	0.0	37.0	127.0
30.0	37.0	0.0	37.0	124.0	210.0	36.0	0.0	36.0	125.0
40.0	37.0	0.0	37.0	125.0	220.0	34.0	0.0	34.0	125.0
50.0	37.0	0.0	37.0	125.0	230.0	32.0	0.0	32.0	125.0
60.0	37.0	0.0	37.0	127.0	240.0	31.0	0.0	31.0	125.0
70.0	37.0	0.0	37.0	127.0	250.0	30.0	0.0	30.0	124.0
80.0	37.0	0.0	37.0	129.0	260.0	29.0	0.0	29.0	124.0
90.0	37.0	0.0	37.0	130.0	270.0	29.0	0.0	29.0	124.0
100.0	37.0	0.0	37.0	129.0	280.0	29.0	0.0	29.0	124.0
110.0	37.0	0.0	37.0	129.0	290.0	29.0	0.0	29.0	124.0
120.0	37.0	0.0	37.0	129.0	300.0	30.0	0.0	30.0	125.0
130.0	37.0	0.0	37.0	129.0	310.0	30.0	0.0	30.0	125.0
140.0	37.0	0.0	37.0	128.0	320.0	31.0	0.0	31.0	124.0
150.0	37.0	0.0	37.0	128.0	330.0	32.0	0.0	32.0	124.0
160.0	37.0	0.0	37.0	127.0	340.0	34.0	0.0	34.0	123.0
170.0	37.0	0.0	37.0	127.0	350.0	36.0	0.0	36.0	122.0

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GELDERMALSEN 198.500      (8)                                     DVB-T
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Name           : GELDERMALSEN           Country           :      HOL
Longitude      : 005E16 29.000           Province         :
Latitude       : 51N52 57.000           Height ASL / m   :     1.0
Site Name      :                          Ant. Hght / m    :     125.0

Frequency / MHz : 198.500                ERP dBW          :     37.00
Channel        : 8
Offset         :                          ERPmax V/dBW     :     37.00
Offset Type    :                          Heff Max/m      :     125.0
SFN ID         :                          AZM             :      ND
System         :                          Polarisation    :      V

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Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF
0.0	37.0	0.0	37.0	123.0	180.0	37.0	0.0	37.0	123.0
10.0	37.0	0.0	37.0	123.0	190.0	37.0	0.0	37.0	124.0
20.0	37.0	0.0	37.0	122.0	200.0	37.0	0.0	37.0	124.0
30.0	37.0	0.0	37.0	122.0	210.0	37.0	0.0	37.0	124.0
40.0	37.0	0.0	37.0	122.0	220.0	37.0	0.0	37.0	124.0
50.0	37.0	0.0	37.0	122.0	230.0	37.0	0.0	37.0	124.0
60.0	37.0	0.0	37.0	122.0	240.0	37.0	0.0	37.0	125.0
70.0	37.0	0.0	37.0	122.0	250.0	37.0	0.0	37.0	125.0
80.0	37.0	0.0	37.0	121.0	260.0	37.0	0.0	37.0	125.0
90.0	37.0	0.0	37.0	121.0	270.0	37.0	0.0	37.0	125.0
100.0	37.0	0.0	37.0	121.0	280.0	37.0	0.0	37.0	125.0
110.0	37.0	0.0	37.0	122.0	290.0	37.0	0.0	37.0	125.0
120.0	37.0	0.0	37.0	122.0	300.0	37.0	0.0	37.0	125.0
130.0	37.0	0.0	37.0	121.0	310.0	37.0	0.0	37.0	125.0
140.0	37.0	0.0	37.0	122.0	320.0	37.0	0.0	37.0	124.0
150.0	37.0	0.0	37.0	122.0	330.0	37.0	0.0	37.0	124.0
160.0	37.0	0.0	37.0	122.0	340.0	37.0	0.0	37.0	124.0
170.0	37.0	0.0	37.0	123.0	350.0	37.0	0.0	37.0	123.0

HAARLEM ND 198.500 (8)					DVB-T				
Name	:	HAARLEM ND			Country	:	HOL		
Longitude	:	004E40 40.000			Province	:			
Latitude	:	52N23 23.000			Height ASL / m	:	-2.0		
Site Name	:				Ant. Hght / m	:	117.0		
Frequency / MHz	:	198.500			ERP dBW	:	40.00		
Channel	:	8			ERPmax V/dBW	:	40.00		
Offset	:				Heff Max/m	:	120.0		
Offset Type	:				AZM	:	ND		
SFN ID	:				Polarisation	:	V		
System	:					:			
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF
0.0	40.0	0.0	40.0	115.0	180.0	40.0	0.0	40.0	120.0
10.0	40.0	0.0	40.0	116.0	190.0	40.0	0.0	40.0	120.0
20.0	40.0	0.0	40.0	117.0	200.0	40.0	0.0	40.0	120.0
30.0	40.0	0.0	40.0	117.0	210.0	40.0	0.0	40.0	117.0
40.0	40.0	0.0	40.0	118.0	220.0	40.0	0.0	40.0	114.0
50.0	40.0	0.0	40.0	118.0	230.0	40.0	0.0	40.0	111.0
60.0	40.0	0.0	40.0	117.0	240.0	40.0	0.0	40.0	108.0
70.0	40.0	0.0	40.0	117.0	250.0	40.0	0.0	40.0	110.0
80.0	40.0	0.0	40.0	117.0	260.0	40.0	0.0	40.0	111.0
90.0	40.0	0.0	40.0	117.0	270.0	40.0	0.0	40.0	111.0
100.0	40.0	0.0	40.0	118.0	280.0	40.0	0.0	40.0	111.0
110.0	40.0	0.0	40.0	118.0	290.0	40.0	0.0	40.0	111.0
120.0	40.0	0.0	40.0	118.0	300.0	40.0	0.0	40.0	110.0
130.0	40.0	0.0	40.0	120.0	310.0	40.0	0.0	40.0	109.0
140.0	40.0	0.0	40.0	120.0	320.0	40.0	0.0	40.0	111.0
150.0	40.0	0.0	40.0	120.0	330.0	40.0	0.0	40.0	112.0
160.0	40.0	0.0	40.0	120.0	340.0	40.0	0.0	40.0	112.0
170.0	40.0	0.0	40.0	120.0	350.0	40.0	0.0	40.0	114.0

HOORN 198.500 (8)					DVB-T				
Name	:	HOORN			Country	:	HOL		
Longitude	:	005E05 50.000			Province	:			
Latitude	:	52N38 20.000			Height ASL / m	:	0.0		
Site Name	:				Ant. Hght / m	:	100.0		
Frequency / MHz	:	198.500			ERP dBW	:	33.00		
Channel	:	8			ERPmax V/dBW	:	33.00		
Offset	:				Heff Max/m	:	103.0		
Offset Type	:				AZM	:	ND		
SFN ID	:				Polarisation	:	V		
System	:					:			
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF
0.0	33.0	0.0	33.0	103.0	180.0	33.0	0.0	33.0	100.0
10.0	33.0	0.0	33.0	102.0	190.0	33.0	0.0	33.0	101.0
20.0	33.0	0.0	33.0	101.0	200.0	33.0	0.0	33.0	101.0
30.0	33.0	0.0	33.0	101.0	210.0	33.0	0.0	33.0	102.0
40.0	33.0	0.0	33.0	102.0	220.0	33.0	0.0	33.0	102.0
50.0	33.0	0.0	33.0	101.0	230.0	33.0	0.0	33.0	103.0
60.0	33.0	0.0	33.0	100.0	240.0	33.0	0.0	33.0	103.0
70.0	33.0	0.0	33.0	100.0	250.0	33.0	0.0	33.0	103.0
80.0	33.0	0.0	33.0	100.0	260.0	33.0	0.0	33.0	102.0
90.0	33.0	0.0	33.0	100.0	270.0	33.0	0.0	33.0	102.0
100.0	33.0	0.0	33.0	100.0	280.0	33.0	0.0	33.0	102.0
110.0	33.0	0.0	33.0	100.0	290.0	33.0	0.0	33.0	103.0
120.0	33.0	0.0	33.0	100.0	300.0	33.0	0.0	33.0	102.0
130.0	33.0	0.0	33.0	100.0	310.0	33.0	0.0	33.0	102.0
140.0	33.0	0.0	33.0	100.0	320.0	33.0	0.0	33.0	102.0
150.0	33.0	0.0	33.0	100.0	330.0	33.0	0.0	33.0	102.0
160.0	33.0	0.0	33.0	100.0	340.0	33.0	0.0	33.0	102.0
170.0	33.0	0.0	33.0	100.0	350.0	33.0	0.0	33.0	103.0

LOPIK ND 198.500 (8) DVB-T									

Name	:	LOPIK ND	Country	:	HOL				
Longitude	:	005E03 03.000	Province	:					
Latitude	:	52N01 01.000	Height ASL / m	:	0.0				
Site Name	:		Ant. Hght / m	:	211.0				
Frequency / MHz	:	198.500	ERP dBW	:	37.00				
Channel	:	8	ERPmax V/dBW	:	37.00				
Offset	:		Heff Max/m	:	213.0				
Offset Type	:		AZM	:	ND				
SPN ID	:		Polarisation	:	V				
System	:								
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF
0.0	37.0	0.0	37.0	211.0	180.0	37.0	0.0	37.0	211.0
10.0	37.0	0.0	37.0	211.0	190.0	37.0	0.0	37.0	211.0
20.0	37.0	0.0	37.0	211.0	200.0	37.0	0.0	37.0	211.0
30.0	37.0	0.0	37.0	210.0	210.0	37.0	0.0	37.0	212.0
40.0	37.0	0.0	37.0	210.0	220.0	37.0	0.0	37.0	212.0
50.0	37.0	0.0	37.0	209.0	230.0	37.0	0.0	37.0	211.0
60.0	37.0	0.0	37.0	209.0	240.0	37.0	0.0	37.0	211.0
70.0	37.0	0.0	37.0	209.0	250.0	37.0	0.0	37.0	212.0
80.0	37.0	0.0	37.0	209.0	260.0	37.0	0.0	37.0	213.0
90.0	37.0	0.0	37.0	209.0	270.0	37.0	0.0	37.0	213.0
100.0	37.0	0.0	37.0	209.0	280.0	37.0	0.0	37.0	213.0
110.0	37.0	0.0	37.0	209.0	290.0	37.0	0.0	37.0	212.0
120.0	37.0	0.0	37.0	209.0	300.0	37.0	0.0	37.0	211.0
130.0	37.0	0.0	37.0	210.0	310.0	37.0	0.0	37.0	212.0
140.0	37.0	0.0	37.0	210.0	320.0	37.0	0.0	37.0	212.0
150.0	37.0	0.0	37.0	210.0	330.0	37.0	0.0	37.0	212.0
160.0	37.0	0.0	37.0	211.0	340.0	37.0	0.0	37.0	211.0
170.0	37.0	0.0	37.0	211.0	350.0	37.0	0.0	37.0	211.0

MAASSLUIS 198.500 (8) DVB-T									

Name	:	MAASSLUIS	Country	:	HOL				
Longitude	:	004E15 00.000	Province	:					
Latitude	:	51N55 00.000	Height ASL / m	:	0.0				
Site Name	:		Ant. Hght / m	:	125.0				
Frequency / MHz	:	198.500	ERP dBW	:	43.00				
Channel	:	8	ERPmax V/dBW	:	43.00				
Offset	:		Heff Max/m	:	129.0				
Offset Type	:		AZM	:	D				
SPN ID	:		Polarisation	:	V				
System	:								
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF
0.0	43.0	0.0	43.0	125.0	180.0	43.0	0.0	43.0	125.0
10.0	43.0	0.0	43.0	127.0	190.0	43.0	0.0	43.0	126.0
20.0	43.0	0.0	43.0	128.0	200.0	43.0	0.0	43.0	126.0
30.0	43.0	0.0	43.0	127.0	210.0	43.0	0.0	43.0	126.0
40.0	43.0	0.0	43.0	128.0	220.0	43.0	0.0	43.0	126.0
50.0	43.0	0.0	43.0	128.0	230.0	40.0	0.0	40.0	125.0
60.0	43.0	0.0	43.0	129.0	240.0	40.0	0.0	40.0	124.0
70.0	43.0	0.0	43.0	129.0	250.0	43.0	0.0	43.0	125.0
80.0	43.0	0.0	43.0	128.0	260.0	43.0	0.0	43.0	124.0
90.0	43.0	0.0	43.0	127.0	270.0	43.0	0.0	43.0	124.0
100.0	43.0	0.0	43.0	127.0	280.0	43.0	0.0	43.0	125.0
110.0	43.0	0.0	43.0	127.0	290.0	43.0	0.0	43.0	124.0
120.0	43.0	0.0	43.0	126.0	300.0	43.0	0.0	43.0	125.0
130.0	43.0	0.0	43.0	126.0	310.0	43.0	0.0	43.0	123.0
140.0	43.0	0.0	43.0	126.0	320.0	43.0	0.0	43.0	124.0
150.0	43.0	0.0	43.0	127.0	330.0	43.0	0.0	43.0	125.0
160.0	43.0	0.0	43.0	127.0	340.0	43.0	0.0	43.0	125.0
170.0	43.0	0.0	43.0	126.0	350.0	43.0	0.0	43.0	125.0

ROTTERDAM ND					198.500 (8)					DVB-T				
Name	: ROTTERDAM ND				Country	:				HOL				
Longitude	: 004E26 26.000				Province	:								
Latitude	: 51N52 52.000				Height ASL / m	:				-3.0				
Site Name	:				Ant. Hght / m	:				195.0				
Frequency / MHz	: 198.500				ERP dBW	:				37.00				
Channel	: 8				ERPmax V/dBW	:				37.00				
Offset	:				Heff Max/m	:				198.0				
Offset Type	:				AZM	:				ND				
SFN ID	:				Polarisation	:				V				
System	:													
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF					
0.0	37.0	0.0	37.0	197.0	180.0	37.0	0.0	37.0	192.0					
10.0	37.0	0.0	37.0	198.0	190.0	37.0	0.0	37.0	192.0					
20.0	37.0	0.0	37.0	198.0	200.0	37.0	0.0	37.0	192.0					
30.0	37.0	0.0	37.0	198.0	210.0	37.0	0.0	37.0	192.0					
40.0	37.0	0.0	37.0	198.0	220.0	37.0	0.0	37.0	192.0					
50.0	37.0	0.0	37.0	197.0	230.0	37.0	0.0	37.0	193.0					
60.0	37.0	0.0	37.0	196.0	240.0	37.0	0.0	37.0	194.0					
70.0	37.0	0.0	37.0	195.0	250.0	37.0	0.0	37.0	194.0					
80.0	37.0	0.0	37.0	195.0	260.0	37.0	0.0	37.0	194.0					
90.0	37.0	0.0	37.0	194.0	270.0	37.0	0.0	37.0	193.0					
100.0	37.0	0.0	37.0	194.0	280.0	37.0	0.0	37.0	192.0					
110.0	37.0	0.0	37.0	194.0	290.0	37.0	0.0	37.0	192.0					
120.0	37.0	0.0	37.0	193.0	300.0	37.0	0.0	37.0	193.0					
130.0	37.0	0.0	37.0	193.0	310.0	37.0	0.0	37.0	194.0					
140.0	37.0	0.0	37.0	193.0	320.0	37.0	0.0	37.0	195.0					
150.0	37.0	0.0	37.0	193.0	330.0	37.0	0.0	37.0	195.0					
160.0	37.0	0.0	37.0	193.0	340.0	37.0	0.0	37.0	196.0					
170.0	37.0	0.0	37.0	192.0	350.0	37.0	0.0	37.0	197.0					

SLIEDRECHT					198.500 (8)					DVB-T				
Name	: SLIEDRECHT				Country	:				HOL				
Longitude	: 004E48 14.000				Province	:								
Latitude	: 51N49 12.000				Height ASL / m	:				0.0				
Site Name	:				Ant. Hght / m	:				145.0				
Frequency / MHz	: 198.500				ERP dBW	:				33.00				
Channel	: 8				ERPmax V/dBW	:				33.00				
Offset	:				Heff Max/m	:				148.0				
Offset Type	:				AZM	:				ND				
SFN ID	:				Polarisation	:				V				
System	:													
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF					
0.0	33.0	0.0	33.0	147.0	180.0	33.0	0.0	33.0	144.0					
10.0	33.0	0.0	33.0	147.0	190.0	33.0	0.0	33.0	145.0					
20.0	33.0	0.0	33.0	146.0	200.0	33.0	0.0	33.0	145.0					
30.0	33.0	0.0	33.0	147.0	210.0	33.0	0.0	33.0	145.0					
40.0	33.0	0.0	33.0	147.0	220.0	33.0	0.0	33.0	145.0					
50.0	33.0	0.0	33.0	147.0	230.0	33.0	0.0	33.0	145.0					
60.0	33.0	0.0	33.0	146.0	240.0	33.0	0.0	33.0	145.0					
70.0	33.0	0.0	33.0	146.0	250.0	33.0	0.0	33.0	146.0					
80.0	33.0	0.0	33.0	145.0	260.0	33.0	0.0	33.0	146.0					
90.0	33.0	0.0	33.0	145.0	270.0	33.0	0.0	33.0	146.0					
100.0	33.0	0.0	33.0	145.0	280.0	33.0	0.0	33.0	146.0					
110.0	33.0	0.0	33.0	145.0	290.0	33.0	0.0	33.0	146.0					
120.0	33.0	0.0	33.0	145.0	300.0	33.0	0.0	33.0	147.0					
130.0	33.0	0.0	33.0	145.0	310.0	33.0	0.0	33.0	147.0					
140.0	33.0	0.0	33.0	145.0	320.0	33.0	0.0	33.0	148.0					
150.0	33.0	0.0	33.0	144.0	330.0	33.0	0.0	33.0	148.0					
160.0	33.0	0.0	33.0	144.0	340.0	33.0	0.0	33.0	147.0					
170.0	33.0	0.0	33.0	144.0	350.0	33.0	0.0	33.0	147.0					

UTRECHT OOST KPN 198.500 (8) DVB-T

Name : UTRECHT OOST KPN Country : HOL
Longitude : 005E08 12.000 Province :
Latitude : 52N04 52.000 Height ASL / m : 1.0
Site Name : Ant. Hght / m : 77.0

Frequency / MHz : 198.500 ERP dBW : 33.00
Channel : 8 ERPmax V/dBW : 33.00
Offset : Heff Max/m : 80.0
Offset Type : AZM : ND
SFN ID : Polarisation : V
System :

Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF
0.0	33.0	0.0	33.0	78.0	180.0	33.0	0.0	33.0	76.0
10.0	33.0	0.0	33.0	74.0	190.0	33.0	0.0	33.0	77.0
20.0	33.0	0.0	33.0	75.0	200.0	33.0	0.0	33.0	77.0
30.0	33.0	0.0	33.0	75.0	210.0	33.0	0.0	33.0	78.0
40.0	33.0	0.0	33.0	74.0	220.0	33.0	0.0	33.0	78.0
50.0	33.0	0.0	33.0	73.0	230.0	33.0	0.0	33.0	78.0
60.0	33.0	0.0	33.0	68.0	240.0	33.0	0.0	33.0	78.0
70.0	33.0	0.0	33.0	66.0	250.0	33.0	0.0	33.0	78.0
80.0	33.0	0.0	33.0	65.0	260.0	33.0	0.0	33.0	79.0
90.0	33.0	0.0	33.0	68.0	270.0	33.0	0.0	33.0	79.0
100.0	33.0	0.0	33.0	69.0	280.0	33.0	0.0	33.0	78.0
110.0	33.0	0.0	33.0	74.0	290.0	33.0	0.0	33.0	78.0
120.0	33.0	0.0	33.0	75.0	300.0	33.0	0.0	33.0	79.0
130.0	33.0	0.0	33.0	75.0	310.0	33.0	0.0	33.0	79.0
140.0	33.0	0.0	33.0	75.0	320.0	33.0	0.0	33.0	78.0
150.0	33.0	0.0	33.0	75.0	330.0	33.0	0.0	33.0	79.0
160.0	33.0	0.0	33.0	76.0	340.0	33.0	0.0	33.0	80.0
170.0	33.0	0.0	33.0	76.0	350.0	33.0	0.0	33.0	79.0

WORMER 198.500 (8) DVB-T

Name : WORMER Country : HOL
Longitude : 004E47 46.000 Province :
Latitude : 52N29 52.000 Height ASL / m : -2.0
Site Name : Ant. Hght / m : 138.0

Frequency / MHz : 198.500 ERP dBW : 33.00
Channel : 8 ERPmax V/dBW : 33.00
Offset : Heff Max/m : 141.0
Offset Type : AZM : ND
SFN ID : Polarisation : V
System :

Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF
0.0	33.0	0.0	33.0	140.0	180.0	33.0	0.0	33.0	139.0
10.0	33.0	0.0	33.0	140.0	190.0	33.0	0.0	33.0	138.0
20.0	33.0	0.0	33.0	140.0	200.0	33.0	0.0	33.0	139.0
30.0	33.0	0.0	33.0	140.0	210.0	33.0	0.0	33.0	138.0
40.0	33.0	0.0	33.0	141.0	220.0	33.0	0.0	33.0	137.0
50.0	33.0	0.0	33.0	141.0	230.0	33.0	0.0	33.0	137.0
60.0	33.0	0.0	33.0	140.0	240.0	33.0	0.0	33.0	135.0
70.0	33.0	0.0	33.0	140.0	250.0	33.0	0.0	33.0	136.0
80.0	33.0	0.0	33.0	139.0	260.0	33.0	0.0	33.0	136.0
90.0	33.0	0.0	33.0	140.0	270.0	33.0	0.0	33.0	135.0
100.0	33.0	0.0	33.0	140.0	280.0	33.0	0.0	33.0	134.0
110.0	33.0	0.0	33.0	139.0	290.0	33.0	0.0	33.0	135.0
120.0	33.0	0.0	33.0	139.0	300.0	33.0	0.0	33.0	135.0
130.0	33.0	0.0	33.0	138.0	310.0	33.0	0.0	33.0	136.0
140.0	33.0	0.0	33.0	138.0	320.0	33.0	0.0	33.0	136.0
150.0	33.0	0.0	33.0	139.0	330.0	33.0	0.0	33.0	137.0
160.0	33.0	0.0	33.0	139.0	340.0	33.0	0.0	33.0	138.0
170.0	33.0	0.0	33.0	139.0	350.0	33.0	0.0	33.0	140.0

Assumed network on F__00730 and F__00731

Note: France and The Netherlands agreed on unspecified (U) polarisation for the following transmitters.

BOULOGNE 198.500 (8) DVB-T										
Name	: BOULOGNE				Country	: F				
Longitude	: 001E39 09.000				Province	:				
Latitude	: 50N43 05.000				Height ASL / m	: 186.0				
Site Name	:				Ant. Hght / m	: 100.0				
Frequency / MHz	: 198.500				ERP dBW	: 40.00				
Channel	: 8									
Offset	:									
Offset Type	:				Heff Max/m	: 285.0				
SFN ID	:				AZM	: ND				
System	:				Polarisation	: U				
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF	
0.0	40.0	40.0	0.0	285.0	180.0	40.0	40.0	0.0	285.0	
10.0	40.0	40.0	0.0	285.0	190.0	40.0	40.0	0.0	285.0	
20.0	40.0	40.0	0.0	285.0	200.0	40.0	40.0	0.0	285.0	
30.0	40.0	40.0	0.0	285.0	210.0	40.0	40.0	0.0	285.0	
40.0	40.0	40.0	0.0	285.0	220.0	40.0	40.0	0.0	285.0	
50.0	40.0	40.0	0.0	285.0	230.0	40.0	40.0	0.0	285.0	
60.0	40.0	40.0	0.0	285.0	240.0	40.0	40.0	0.0	285.0	
70.0	40.0	40.0	0.0	285.0	250.0	40.0	40.0	0.0	285.0	
80.0	40.0	40.0	0.0	285.0	260.0	40.0	40.0	0.0	285.0	
90.0	40.0	40.0	0.0	285.0	270.0	40.0	40.0	0.0	285.0	
100.0	40.0	40.0	0.0	285.0	280.0	40.0	40.0	0.0	285.0	
110.0	40.0	40.0	0.0	285.0	290.0	40.0	40.0	0.0	285.0	
120.0	40.0	40.0	0.0	285.0	300.0	40.0	40.0	0.0	285.0	
130.0	40.0	40.0	0.0	285.0	310.0	40.0	40.0	0.0	285.0	
140.0	40.0	40.0	0.0	285.0	320.0	40.0	40.0	0.0	285.0	
150.0	40.0	40.0	0.0	285.0	330.0	40.0	40.0	0.0	285.0	
160.0	40.0	40.0	0.0	285.0	340.0	40.0	40.0	0.0	285.0	
170.0	40.0	40.0	0.0	285.0	350.0	40.0	40.0	0.0	285.0	

DUNKERQUE 198.500 (8) DVB-T										
Name	: DUNKERQUE				Country	: F				
Longitude	: 002E40 22.000				Province	:				
Latitude	: 50N47 01.000				Height ASL / m	: 159.0				
Site Name	:				Ant. Hght / m	: 192.0				
Frequency / MHz	: 198.500				ERP dBW	: 40.00				
Channel	: 8									
Offset	:									
Offset Type	:				Heff Max/m	: 332.0				
SFN ID	:				AZM	: D				
System	:				Polarisation	: U				
Ang	AZM-D	H-Pol	V-Pol	HEFF	Ang	AZM-D	H-Pol	V-Pol	HEFF	
0.0	40.0	40.0	0.0	332.0	180.0	40.0	40.0	0.0	332.0	
10.0	40.0	40.0	0.0	332.0	190.0	40.0	40.0	0.0	332.0	
20.0	40.0	40.0	0.0	332.0	200.0	40.0	40.0	0.0	332.0	
30.0	40.0	40.0	0.0	332.0	210.0	40.0	40.0	0.0	332.0	
40.0	37.0	37.0	0.0	332.0	220.0	40.0	40.0	0.0	332.0	
50.0	37.0	37.0	0.0	332.0	230.0	40.0	40.0	0.0	332.0	
60.0	40.0	40.0	0.0	332.0	240.0	40.0	40.0	0.0	332.0	
70.0	40.0	40.0	0.0	332.0	250.0	40.0	40.0	0.0	332.0	
80.0	40.0	40.0	0.0	332.0	260.0	40.0	40.0	0.0	332.0	
90.0	40.0	40.0	0.0	332.0	270.0	40.0	40.0	0.0	332.0	
100.0	40.0	40.0	0.0	332.0	280.0	40.0	40.0	0.0	332.0	
110.0	40.0	40.0	0.0	332.0	290.0	40.0	40.0	0.0	332.0	
120.0	40.0	40.0	0.0	332.0	300.0	40.0	40.0	0.0	332.0	
130.0	40.0	40.0	0.0	332.0	310.0	40.0	40.0	0.0	332.0	
140.0	40.0	40.0	0.0	332.0	320.0	40.0	40.0	0.0	332.0	
150.0	40.0	40.0	0.0	332.0	330.0	40.0	40.0	0.0	332.0	
160.0	40.0	40.0	0.0	332.0	340.0	40.0	40.0	0.0	332.0	
170.0	40.0	40.0	0.0	332.0	350.0	40.0	40.0	0.0	332.0	

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LILLE      198.500      (8)                                     DVB-T
-----
Name       : LILLE                      Country      : F
Longitude  : 003E02 33.000              Province    :
Latitude   : 50N38 57.000              Height ASL / m : 19.0
Site Name  :                               Ant. Hght / m : 74.0

Frequency / MHz : 198.500              ERP dBW     : 40.00
Channel     : 8
Offset      :
Offset Type :                               Heff Max/m  : 75.0
SFN ID      :                               AZM         : ND
System      :                               Polarisation : U

  Ang  AZM-D  H-Pol  V-Pol  HEFF      Ang  AZM-D  H-Pol  V-Pol  HEFF
-----
  0.0  40.0  40.0   0.0   75.0    180.0  40.0  40.0   0.0   75.0
 10.0  40.0  40.0   0.0   75.0    190.0  40.0  40.0   0.0   75.0
 20.0  40.0  40.0   0.0   75.0    200.0  40.0  40.0   0.0   75.0
 30.0  40.0  40.0   0.0   75.0    210.0  40.0  40.0   0.0   75.0
 40.0  40.0  40.0   0.0   75.0    220.0  40.0  40.0   0.0   75.0
 50.0  40.0  40.0   0.0   75.0    230.0  40.0  40.0   0.0   75.0
 60.0  40.0  40.0   0.0   75.0    240.0  40.0  40.0   0.0   75.0
 70.0  40.0  40.0   0.0   75.0    250.0  40.0  40.0   0.0   75.0
 80.0  40.0  40.0   0.0   75.0    260.0  40.0  40.0   0.0   75.0
 90.0  40.0  40.0   0.0   75.0    270.0  40.0  40.0   0.0   75.0
100.0  40.0  40.0   0.0   75.0    280.0  40.0  40.0   0.0   75.0
110.0  40.0  40.0   0.0   75.0    290.0  40.0  40.0   0.0   75.0
120.0  40.0  40.0   0.0   75.0    300.0  40.0  40.0   0.0   75.0
130.0  40.0  40.0   0.0   75.0    310.0  40.0  40.0   0.0   75.0
140.0  40.0  40.0   0.0   75.0    320.0  40.0  40.0   0.0   75.0
150.0  40.0  40.0   0.0   75.0    330.0  40.0  40.0   0.0   75.0
160.0  40.0  40.0   0.0   75.0    340.0  40.0  40.0   0.0   75.0
170.0  40.0  40.0   0.0   75.0    350.0  40.0  40.0   0.0   75.0
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LILLE BOUVIGNY      198.500      (8)                                     DVB-T
-----
Name       : LILLE BOUVIGNY            Country      : F
Longitude  : 002E39 07.000              Province    :
Latitude   : 50N25 18.000              Height ASL / m : 184.0
Site Name  :                               Ant. Hght / m : 300.0

Frequency / MHz : 198.500              ERP dBW     : 50.00
Channel     : 8
Offset      :
Offset Type :                               Heff Max/m  : 450.0
SFN ID      :                               AZM         : D
System      :                               Polarisation : U

  Ang  AZM-D  H-Pol  V-Pol  HEFF      Ang  AZM-D  H-Pol  V-Pol  HEFF
-----
  0.0  50.0  50.0   0.0  450.0    180.0  50.0  50.0   0.0  450.0
 10.0  50.0  50.0   0.0  450.0    190.0  50.0  50.0   0.0  450.0
 20.0  50.0  50.0   0.0  450.0    200.0  50.0  50.0   0.0  450.0
 30.0  46.0  46.0   0.0  450.0    210.0  50.0  50.0   0.0  450.0
 40.0  46.0  46.0   0.0  450.0    220.0  50.0  50.0   0.0  450.0
 50.0  50.0  50.0   0.0  450.0    230.0  50.0  50.0   0.0  450.0
 60.0  50.0  50.0   0.0  450.0    240.0  50.0  50.0   0.0  450.0
 70.0  50.0  50.0   0.0  450.0    250.0  50.0  50.0   0.0  450.0
 80.0  50.0  50.0   0.0  450.0    260.0  50.0  50.0   0.0  450.0
 90.0  50.0  50.0   0.0  450.0    270.0  50.0  50.0   0.0  450.0
100.0  50.0  50.0   0.0  450.0    280.0  50.0  50.0   0.0  450.0
110.0  50.0  50.0   0.0  450.0    290.0  50.0  50.0   0.0  450.0
120.0  50.0  50.0   0.0  450.0    300.0  50.0  50.0   0.0  450.0
130.0  50.0  50.0   0.0  450.0    310.0  50.0  50.0   0.0  450.0
140.0  50.0  50.0   0.0  450.0    320.0  50.0  50.0   0.0  450.0
150.0  50.0  50.0   0.0  450.0    330.0  50.0  50.0   0.0  450.0
160.0  50.0  50.0   0.0  450.0    340.0  50.0  50.0   0.0  450.0
170.0  50.0  50.0   0.0  450.0    350.0  50.0  50.0   0.0  450.0
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MAUBEUGE      198.500      (8)                                     DVB-T
-----
Name           : MAUBEUGE                      Country       : F
Longitude      : 003E59 29.000                Province      :
Latitude       : 50N16 22.000                Height ASL / m : 154.0
Site Name      :                               Ant. Hght / m  : 75.0

Frequency / MHz : 198.500                      ERP dBW       : 37.00
Channel        : 8
Offset         :
Offset Type    :                               Heff Max/m    : 130.0
SFN ID        :                               AZM           : ND
System        :                               Polarisation  : U

  Ang  AZM-D  H-Pol  V-Pol  HEFF      Ang  AZM-D  H-Pol  V-Pol  HEFF
-----
  0.0  37.0  37.0  0.0  130.0   180.0  37.0  37.0  0.0  130.0
 10.0  37.0  37.0  0.0  130.0   190.0  37.0  37.0  0.0  130.0
 20.0  37.0  37.0  0.0  130.0   200.0  37.0  37.0  0.0  130.0
 30.0  37.0  37.0  0.0  130.0   210.0  37.0  37.0  0.0  130.0
 40.0  37.0  37.0  0.0  130.0   220.0  37.0  37.0  0.0  130.0
 50.0  37.0  37.0  0.0  130.0   230.0  37.0  37.0  0.0  130.0
 60.0  37.0  37.0  0.0  130.0   240.0  37.0  37.0  0.0  130.0
 70.0  37.0  37.0  0.0  130.0   250.0  37.0  37.0  0.0  130.0
 80.0  37.0  37.0  0.0  130.0   260.0  37.0  37.0  0.0  130.0
 90.0  37.0  37.0  0.0  130.0   270.0  37.0  37.0  0.0  130.0
100.0  37.0  37.0  0.0  130.0   280.0  37.0  37.0  0.0  130.0
110.0  37.0  37.0  0.0  130.0   290.0  37.0  37.0  0.0  130.0
120.0  37.0  37.0  0.0  130.0   300.0  37.0  37.0  0.0  130.0
130.0  37.0  37.0  0.0  130.0   310.0  37.0  37.0  0.0  130.0
140.0  37.0  37.0  0.0  130.0   320.0  37.0  37.0  0.0  130.0
150.0  37.0  37.0  0.0  130.0   330.0  37.0  37.0  0.0  130.0
160.0  37.0  37.0  0.0  130.0   340.0  37.0  37.0  0.0  130.0
170.0  37.0  37.0  0.0  130.0   350.0  37.0  37.0  0.0  130.0

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VALENCIENNES 198.500      (8)                                     DVB-T
-----
Name           : VALENCIENNES                  Country       : F
Longitude      : 003E33 50.000                Province      :
Latitude       : 50N21 00.000                Height ASL / m : 62.0
Site Name      :                               Ant. Hght / m  : 80.0

Frequency / MHz : 198.500                      ERP dBW       : 37.00
Channel        : 8
Offset         :
Offset Type    :                               Heff Max/m    : 125.0
SFN ID        :                               AZM           : ND
System        :                               Polarisation  : U

  Ang  AZM-D  H-Pol  V-Pol  HEFF      Ang  AZM-D  H-Pol  V-Pol  HEFF
-----
  0.0  37.0  37.0  0.0  125.0   180.0  37.0  37.0  0.0  125.0
 10.0  37.0  37.0  0.0  125.0   190.0  37.0  37.0  0.0  125.0
 20.0  37.0  37.0  0.0  125.0   200.0  37.0  37.0  0.0  125.0
 30.0  37.0  37.0  0.0  125.0   210.0  37.0  37.0  0.0  125.0
 40.0  37.0  37.0  0.0  125.0   220.0  37.0  37.0  0.0  125.0
 50.0  37.0  37.0  0.0  125.0   230.0  37.0  37.0  0.0  125.0
 60.0  37.0  37.0  0.0  125.0   240.0  37.0  37.0  0.0  125.0
 70.0  37.0  37.0  0.0  125.0   250.0  37.0  37.0  0.0  125.0
 80.0  37.0  37.0  0.0  125.0   260.0  37.0  37.0  0.0  125.0
 90.0  37.0  37.0  0.0  125.0   270.0  37.0  37.0  0.0  125.0
100.0  37.0  37.0  0.0  125.0   280.0  37.0  37.0  0.0  125.0
110.0  37.0  37.0  0.0  125.0   290.0  37.0  37.0  0.0  125.0
120.0  37.0  37.0  0.0  125.0   300.0  37.0  37.0  0.0  125.0
130.0  37.0  37.0  0.0  125.0   310.0  37.0  37.0  0.0  125.0
140.0  37.0  37.0  0.0  125.0   320.0  37.0  37.0  0.0  125.0
150.0  37.0  37.0  0.0  125.0   330.0  37.0  37.0  0.0  125.0
160.0  37.0  37.0  0.0  125.0   340.0  37.0  37.0  0.0  125.0
170.0  37.0  37.0  0.0  125.0   350.0  37.0  37.0  0.0  125.0

```